

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100118\
 Data File : BF109479.D
 Acq On : 1 Oct 2018 18:12
 Operator : JU/SJ
 Sample : J5145-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-042MSD

Manual Integrations
 APPROVED

Sohil
 10/2/2018 1:01:30 PM

Quant Time: Oct 02 03:46:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	104385	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	375391	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	159679	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	270055	20.00	ng	0.00
75) Chrysene-d12	13.84	240	223574	20.00	ng	0.00
86) Perylene-d12	15.24	264	174735	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	639547	100.91	ng	0.02
7) Phenol-d6	6.36	99	768894	95.08	ng	0.00
23) Nitrobenzene-d5	7.27	82	491443	77.28	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	159191	101.13	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	786892	74.32	ng	-0.01
78) Terphenyl-d14	12.80	244	665899	73.10	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.41	88	81257	27.839	ng	89
3) Pyridine	3.13	79	197613	26.305	ng	90
4) n-Nitrosodimethylamine	3.05	42	102268	31.989	ng	# 100
6) Aniline	6.37	93	253043	24.457	ng	# 23
8) 2-Chlorophenol	6.50	128	229573	32.575	ng	95
9) Benzaldehyde	6.25	77	113221	21.794	ng	99
10) Phenol	6.37	94	284388	31.053	ng	# 66
11) bis(2-Chloroethyl)ether	6.45	93	216142	30.161	ng	96
12) 1,3-Dichlorobenzene	6.65	146	252280	31.090	ng	98
13) 1,4-Dichlorobenzene	6.72	146	257511	31.501	ng	99
14) 1,2-Dichlorobenzene	6.88	146	235644	31.248	ng	96
15) Benzyl Alcohol	6.86	79	195918	31.650	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.99	45	301762	29.687	ng	77
17) 2-Methylphenol	6.97	107	183900	32.249	ng	# 94
18) Hexachloroethane	7.22	117	76751	26.649	ng	97
19) n-Nitroso-di-n-propylamine	7.12	70	161183	30.417	ng	99
20) 3+4-Methylphenols	7.13	107	232346	33.748	ng	92
22) Acetophenone	7.12	105	322489	37.158	ng	99
24) Nitrobenzene	7.29	77	239181	35.374	ng	96
25) Isophorone	7.53	82	430404	37.586	ng	97
26) 2-Nitrophenol	7.60	139	97602	36.501	ng	98
27) 2,4-Dimethylphenol	7.65	122	196841	39.450	ng	98
28) bis(2-Chloroethoxy)methane	7.74	93	273723	36.110	ng	99
29) 2,4-Dichlorophenol	7.85	162	183020	34.912	ng	99
30) 1,2,4-Trichlorobenzene	7.93	180	193359	33.008	ng	96
31) Naphthalene	8.01	128	625937	35.682	ng	99
32) Benzoic acid	7.75	122	40841m	17.136	ng	
33) 4-Chloroaniline	8.06	127	181068	23.628	ng	97
34) Hexachlorobutadiene	8.13	225	116351	32.948	ng	98
35) Caprolactam	8.42	113	55079	32.908	ng	# 83
36) 4-Chloro-3-methylphenol	8.55	107	182143	33.018	ng	100
37) 2-Methylnaphthalene	8.70	142	407055	35.996	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	184799	36.365	ng	98
40) Hexachlorocyclopentadiene	8.86	237	32111	14.487	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	118934	36.465	nq	99
43) 2,4,5-Trichlorophenol	9.03	196	124289	36.082	nq	94
45) 1,1'-Biphenyl	9.16	154	473608	36.403	nq	97
46) 2-Chloronaphthalene	9.19	162	355561	34.210	nq	98
47) 2-Nitroaniline	9.29	65	114414	38.827	nq	97
48) Acenaphthylene	9.60	152	548380	34.975	nq	100
49) Dimethylphthalate	9.46	163	498507	42.923	nq	100
50) 2,6-Dinitrotoluene	9.53	165	81921	35.615	nq	93
51) Acenaphthene	9.77	154	313607	33.082	nq	98
52) 3-Nitroaniline	9.69	138	89752	33.693	nq	97
53) 2,4-Dinitrophenol	9.80	184	3338	12.159	nq #	26
54) Dibenzofuran	9.95	168	461423	32.730	nq	100
55) 4-Nitrophenol	9.87	139	119770	59.686	nq	91
56) 2,4-Dinitrotoluene	9.93	165	98089	33.703	nq #	98
57) Fluorene	10.29	166	346127	34.410	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.07	232	95281	34.934	nq #	87
59) Diethylphthalate	10.16	149	407997	34.691	nq	98
60) 4-Chlorophenyl-phenylether	10.27	204	169003	32.167	nq	98
61) 4-Nitroaniline	10.30	138	89439	34.429	nq	96
62) Azobenzene	10.44	77	367683	30.091	nq	94
64) 4,6-Dinitro-2-methylphenol	10.34	198	4913	10.448	nq	90
65) n-Nitrosodiphenylamine	10.40	169	324794	36.402	nq	97
66) 4-Bromophenyl-phenylether	10.76	248	104672	34.904	nq	91
67) Hexachlorobenzene	10.83	284	109229	34.295	nq	93
68) Atrazine	10.92	200	101942	37.149	nq	98
69) Pentachlorophenol	11.03	266	108665	57.005	nq	98
70) Phenanthrene	11.24	178	477326	35.400	nq	98
71) Anthracene	11.29	178	496745	36.322	nq	99
72) Carbazole	11.45	167	448599	32.968	nq	98
73) Di-n-butylphthalate	11.78	149	574921	36.702	nq	99
74) Fluoranthene	12.42	202	517177	35.891	nq	97
76) Benzidine	12.55	184	417161	51.751	nq	97
77) Pyrene	12.65	202	519751	32.437	nq	99
79) Butylbenzylphthalate	13.27	149	242820	35.620	nq	97
80) Benzo(a)anthracene	13.84	228	441387	32.777	nq	98
81) 3,3'-Dichlorobenzidine	13.80	252	182309	35.622	nq	98
82) Chrysene	13.87	228	438588	32.859	nq	98
83) Bis(2-ethylhexyl)phthalate	13.83	149	325662	37.880	nq	98
84) Di-n-octyl phthalate	14.44	149	572831	38.969	nq	98
85) Indeno(1,2,3-cd)pyrene	16.60	276	303146	28.020	nq #	93
87) Benzo(b)fluoranthene	14.85	252	342904	35.713	nq	98
88) Benzo(k)fluoranthene	14.88	252	338148	37.114	nq #	96
89) Benzo(a)pyrene	15.19	252	305645	35.327	nq	97
90) Dibenzo(a,h)anthracene	16.62	278	255433	35.987	nq #	95
91) Benzo(g,h,i)perylene	17.01	276	249101	35.709	nq #	90

(#) = qualifier out of range (m) = manual integration (+) = signals summed

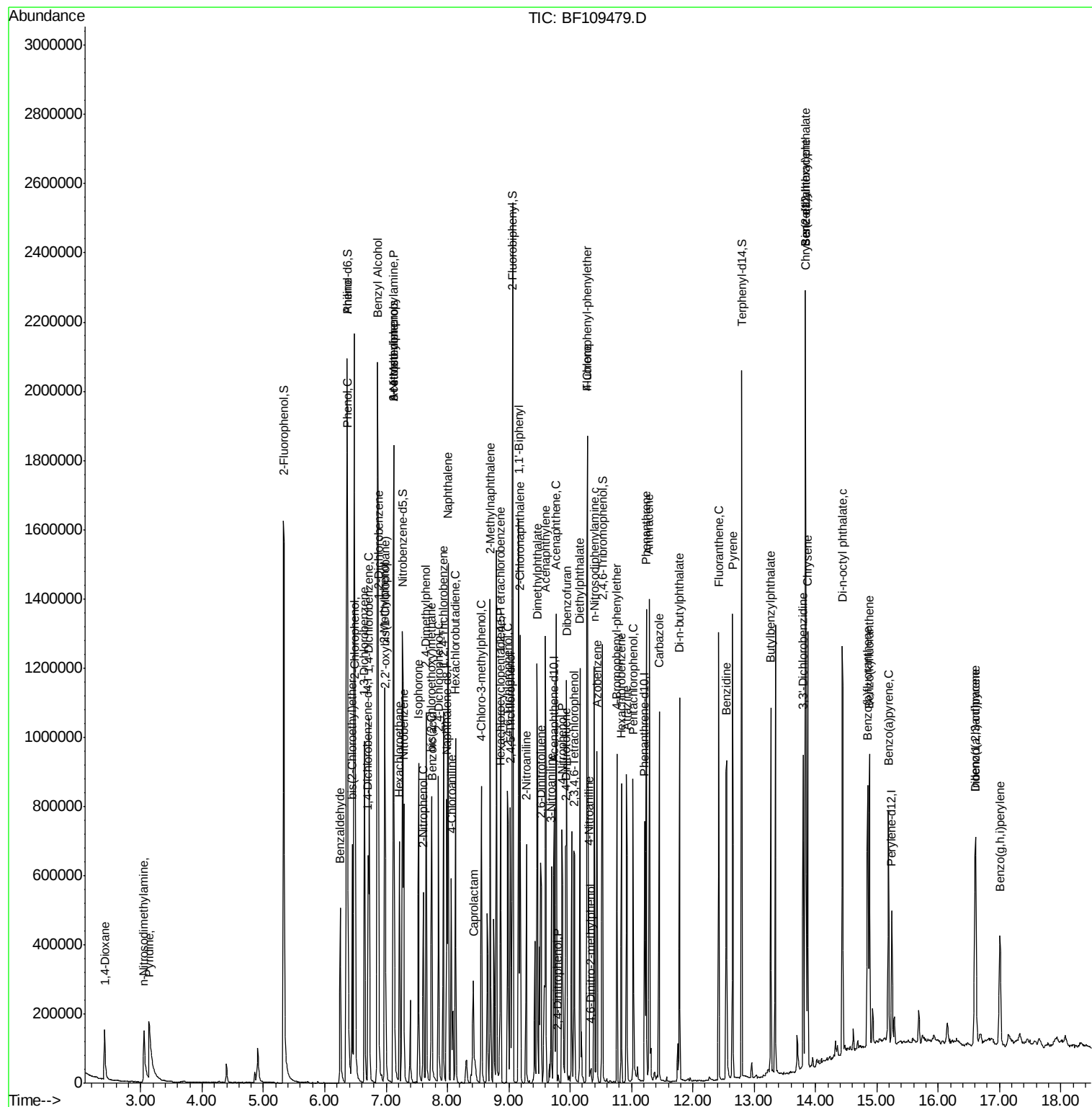
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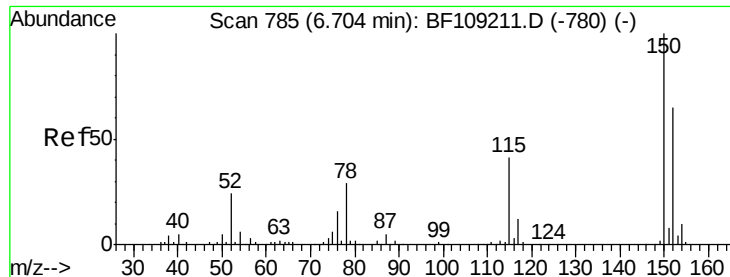
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-042MSD

Manual Integrations
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10/2/2018 1:01:30 PM

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#1

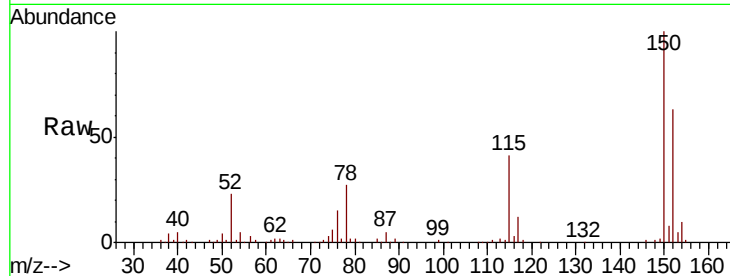
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109479.D
Acq: 1 Oct 2018 18:12

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-042MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.6	186.8
115	64.8	50.1	75.1

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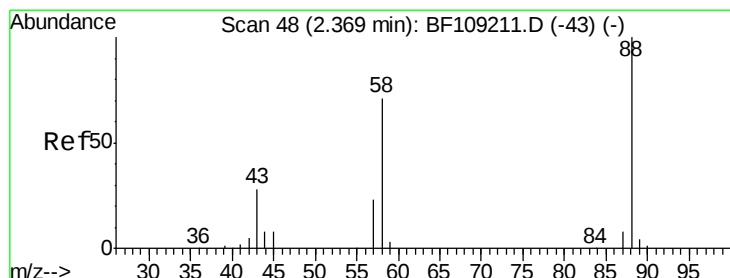
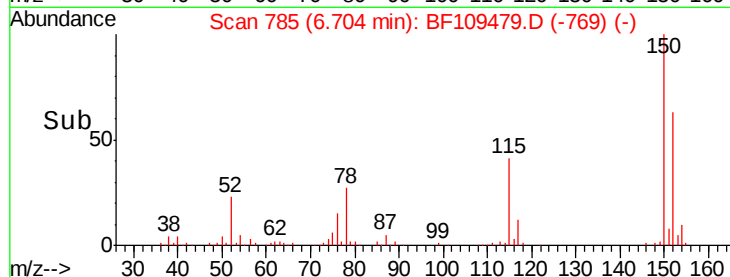
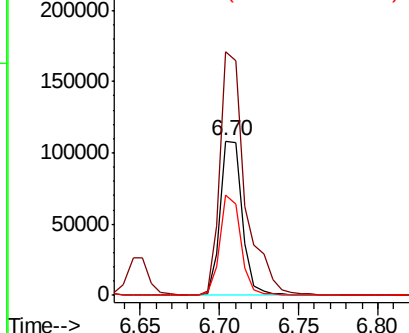


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

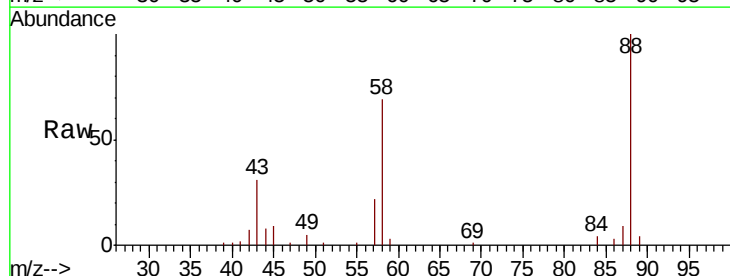
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 27.839 ng
RT: 2.41 min Scan# 55
Delta R.T. 0.04 min
Lab File: BF109479.D
Acq: 1 Oct 2018 18:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.9	62.6	93.8
43	26.5	24.6	37.0

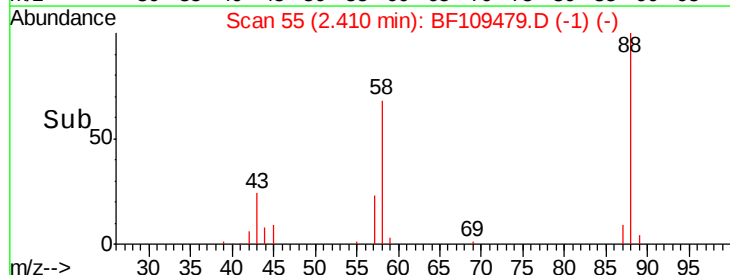
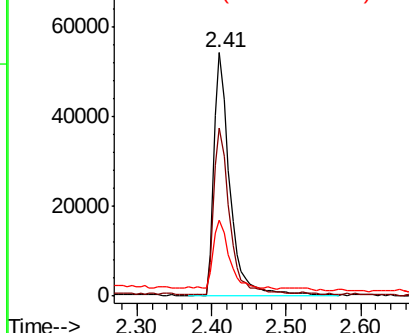


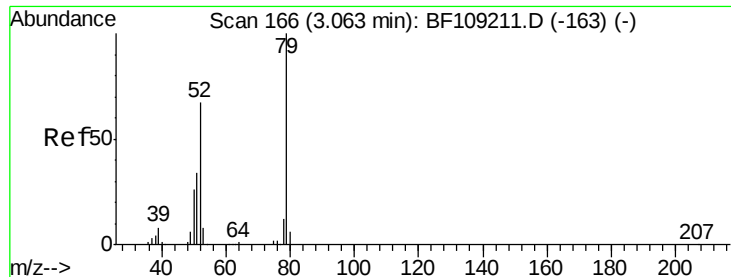
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 26.305 ng

RT: 3.13 min Scan# 178

Delta R.T. 0.07 min

Lab File: BF109479.D

Acq: 1 Oct 2018 18:12

Instrument :

BNA_F

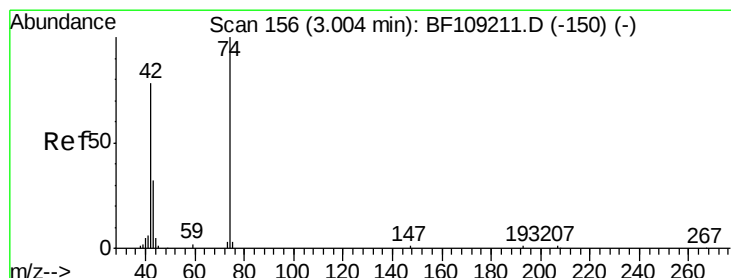
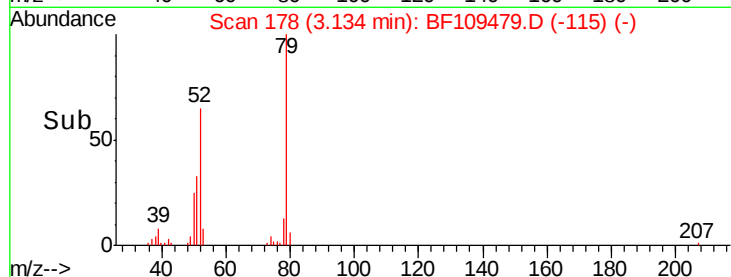
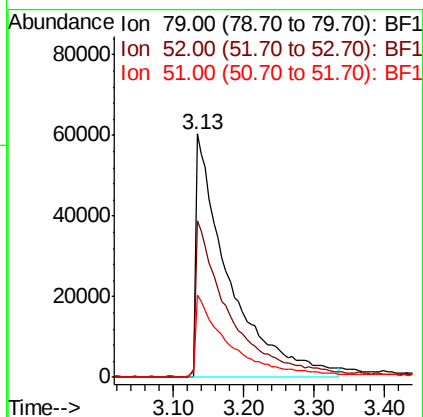
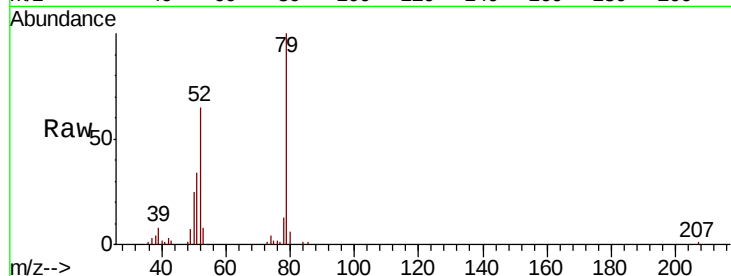
ClientSampleId :

FK-PS-01-042MSD

Tot Ion:	79	Resp:	197613
Ion Ratio	Lower	Upper	
79	100		
52	64.5	59.8	89.6
51	34.0	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 31.989 ng

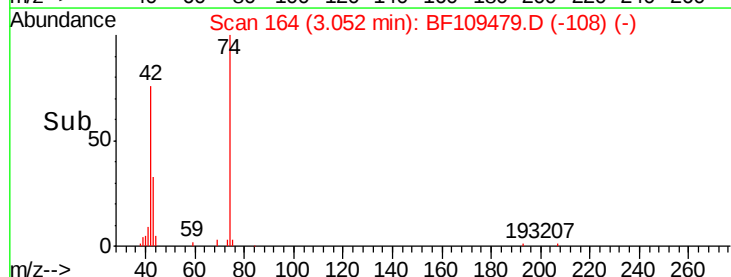
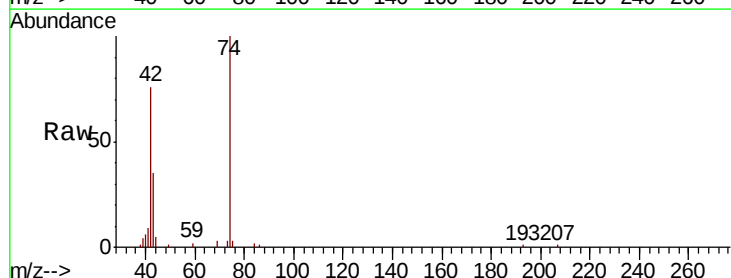
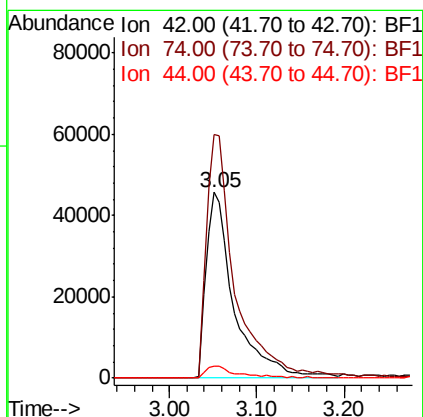
RT: 3.05 min Scan# 164

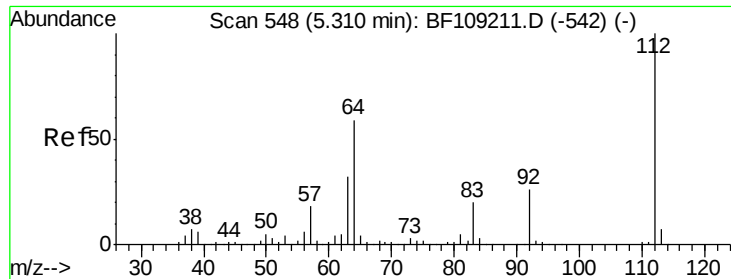
Delta R.T. 0.03 min

Lab File: BF109479.D

Acq: 1 Oct 2018 18:12

Tgt Ion:	42	Resp:	102268
Ion Ratio	Lower	Upper	
42	100		
74	131.2	104.9	157.3
44	6.4	6.9	10.3#





#5

2-Fluorophenol

Concen: 100.913 ng

RT: 5.33 min Scan# 552

Delta R.T. 0.02 min

Lab File: BF109479.D

Acq: 1 Oct 2018 18:12

Instrument :

BNA_F

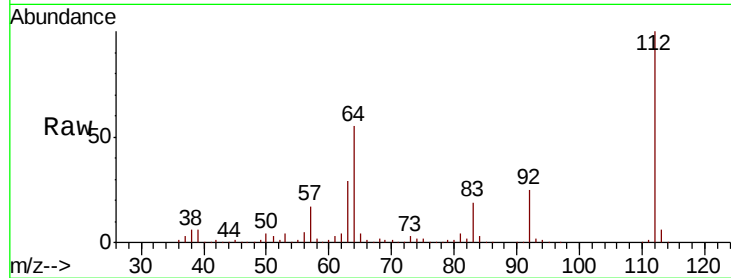
ClientSampleId :

FK-PS-01-042MSD

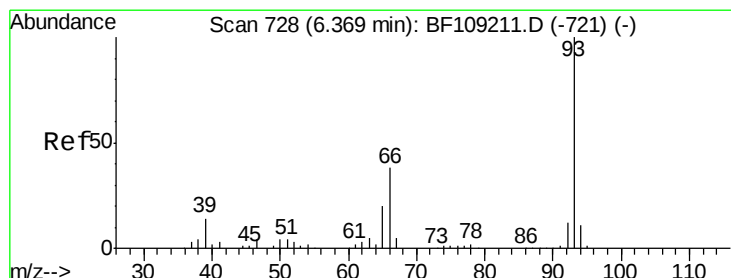
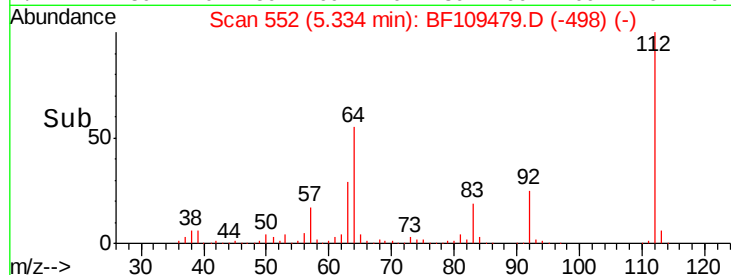
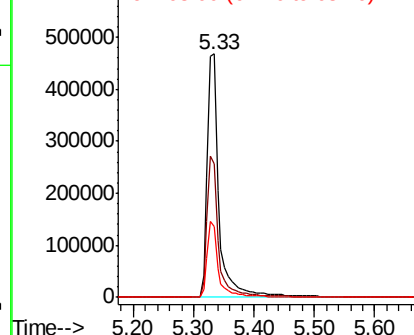
Tot Ion:	112	Resp:	639547
Ion Ratio	Lower	Upper	
112	100		
64	54.6	47.9	71.9
63	29.2	23.7	35.5

Manual Integrations
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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 24.457 ng

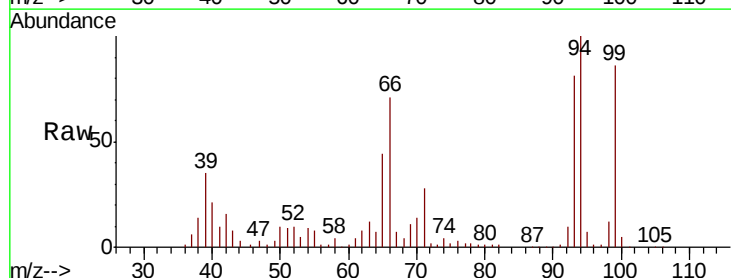
RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

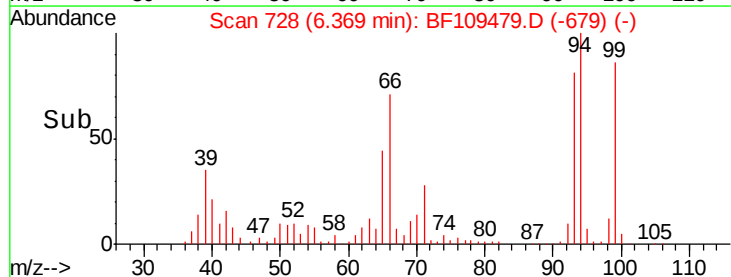
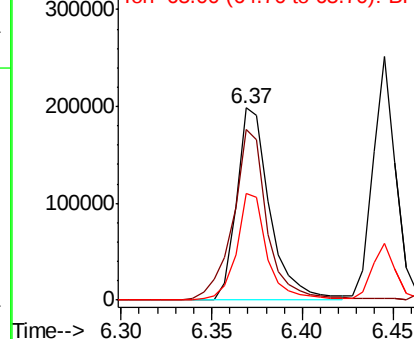
Lab File: BF109479.D

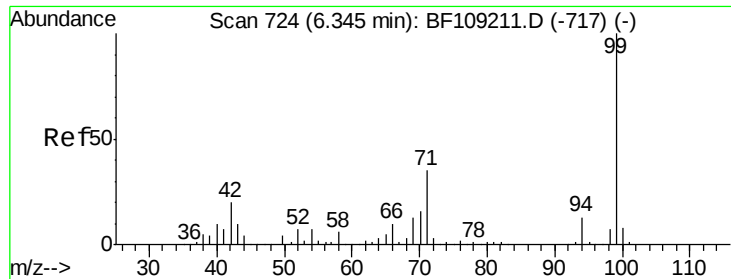
Acq: 1 Oct 2018 18:12

Tgt Ion:	93	Resp:	253043
Ion Ratio	Lower	Upper	
93	100		
66	88.7	32.2	48.2#
65	55.2	16.4	24.6#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 95.078 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF109479.D

Acq: 1 Oct 2018 18:12

Instrument :

BNA_F

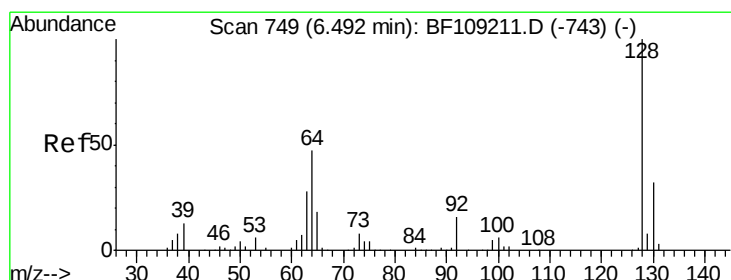
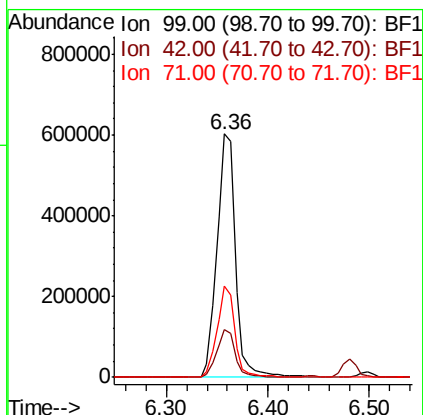
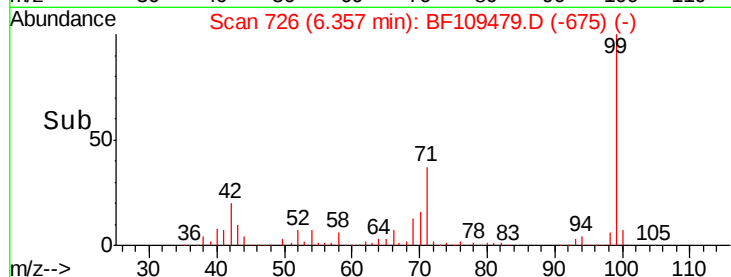
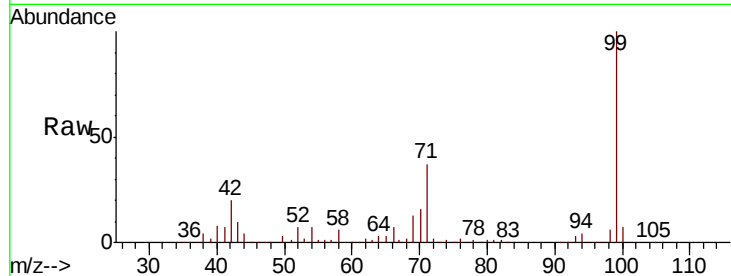
ClientSampleId :

FK-PS-01-042MSD

Tot Ion:	99	Resp:	768894
Ion Ratio	Lower	Upper	
99	100		
42	19.7	14.5	21.7
71	37.2	25.4	38.0

Manual Integrations
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#8

2-Chlorophenol

Concen: 32.575 ng

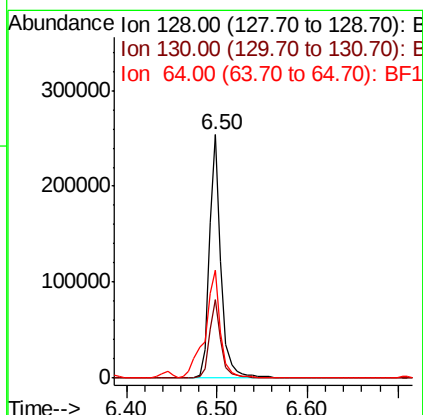
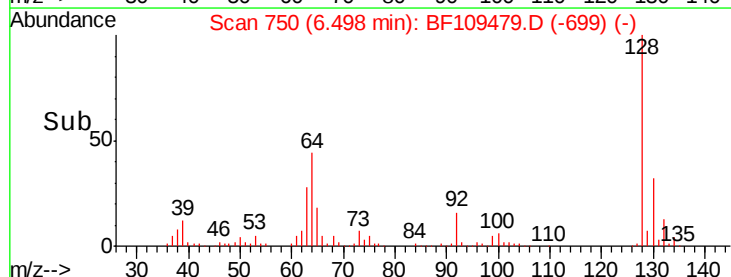
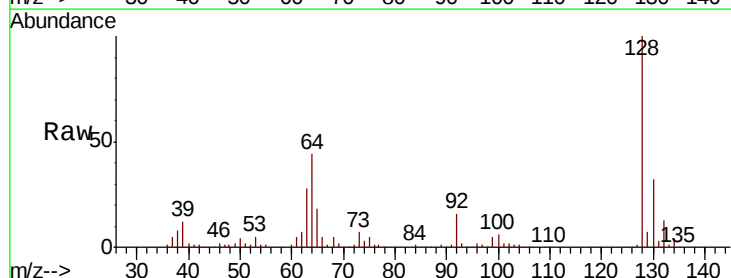
RT: 6.50 min Scan# 750

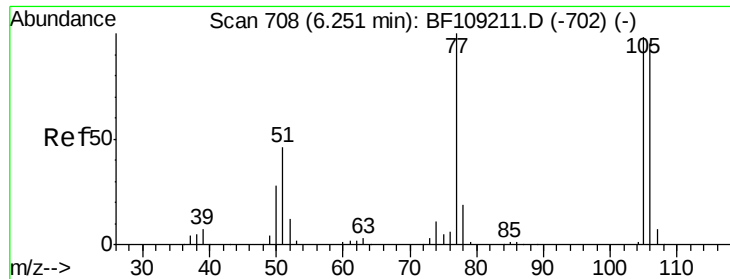
Delta R.T. 0.00 min

Lab File: BF109479.D

Acq: 1 Oct 2018 18:12

Tgt Ion:	128	Resp:	229573
Ion Ratio	Lower	Upper	
128	100		
130	32.3	13.0	53.0
64	44.4	29.4	69.4





#9

Benzaldehyde

Concen: 21.794 ng

RT: 6.25 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF109479.D

Acq: 1 Oct 2018 18:12

Instrument :

BNA_F

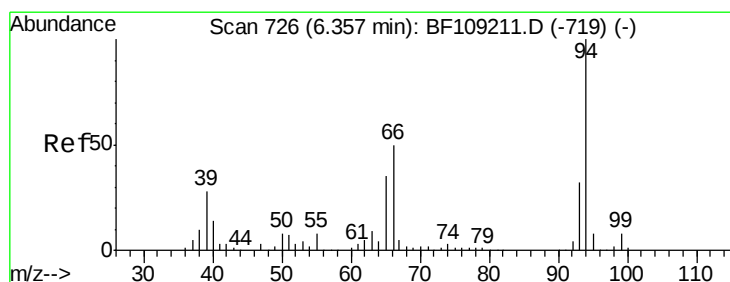
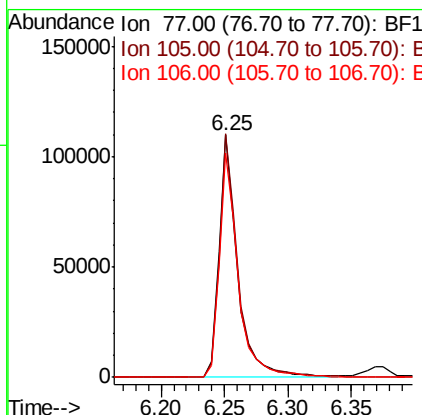
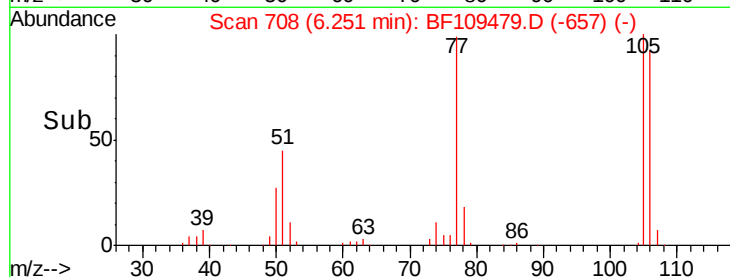
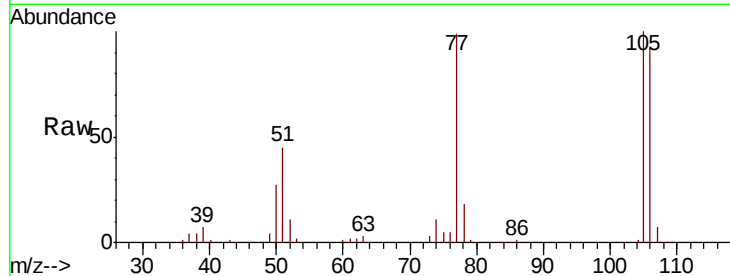
ClientSampleId :

FK-PS-01-042MSD

Tot Ion:	77	Resp:	113221
Ion Ratio	Lower	Upper	
77	100		
105	100.6	81.1	121.1
106	92.9	74.5	114.5

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#10

Phenol

Concen: 31.053 ng

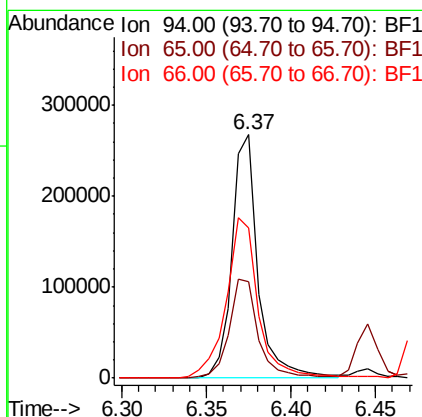
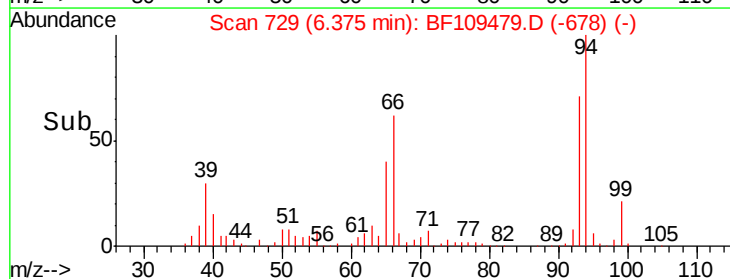
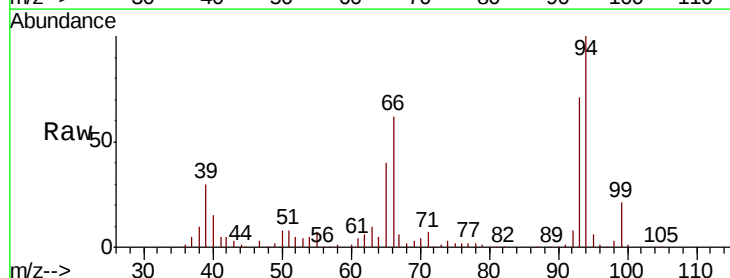
RT: 6.37 min Scan# 729

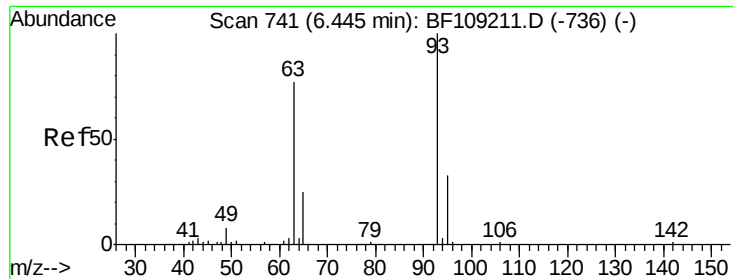
Delta R.T. 0.00 min

Lab File: BF109479.D

Acq: 1 Oct 2018 18:12

Tgt Ion:	94	Resp:	284388
Ion Ratio	Lower	Upper	
94	100		
65	39.8	7.9	47.9
66	61.7	16.2	56.2





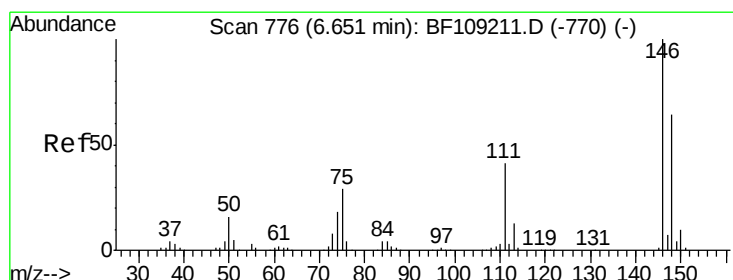
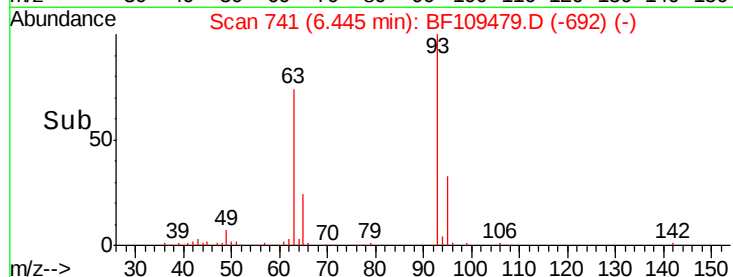
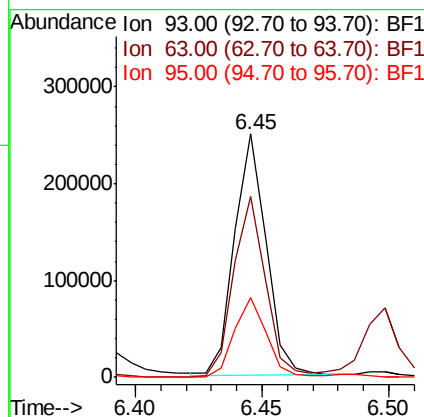
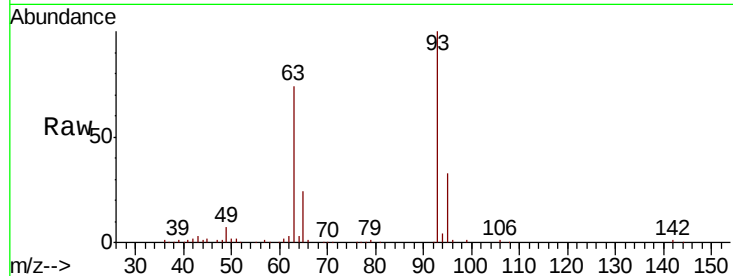
#11
bis(2-Chloroethyl)ether
Concen: 30.161 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF109479.D
Acq: 1 Oct 2018 18:12

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-042MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	74.1	58.6	98.6
95	32.7	11.8	51.8

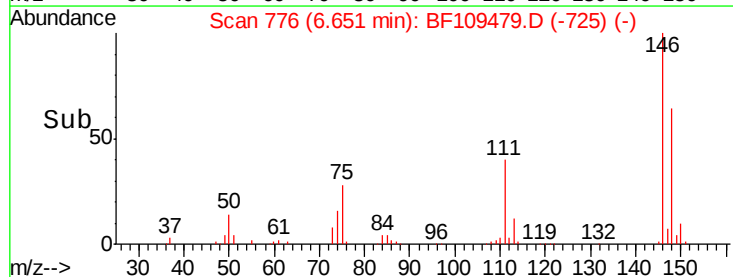
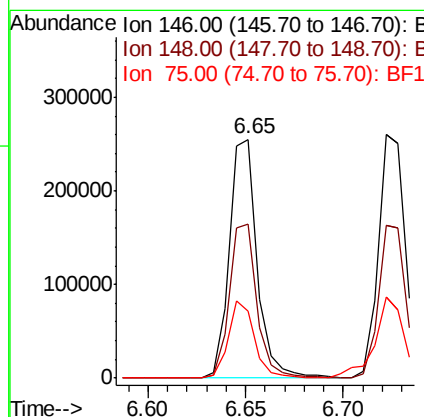
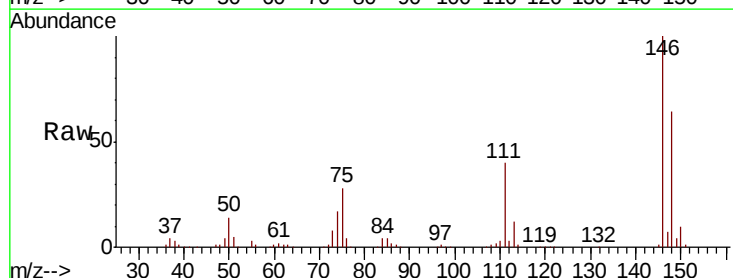
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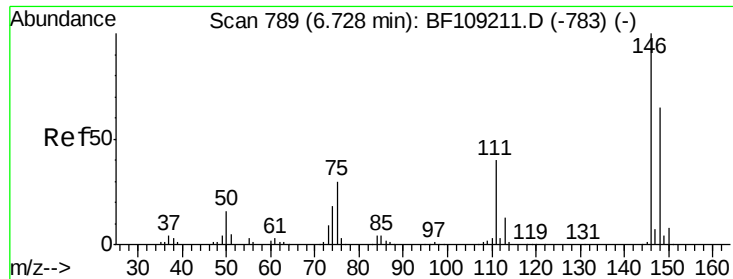
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#12
1,3-Dichlorobenzene
Concen: 31.090 ng
RT: 6.65 min Scan# 776
Delta R.T. 0.00 min
Lab File: BF109479.D
Acq: 1 Oct 2018 18:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.8	77.8
75	28.0	24.2	36.4





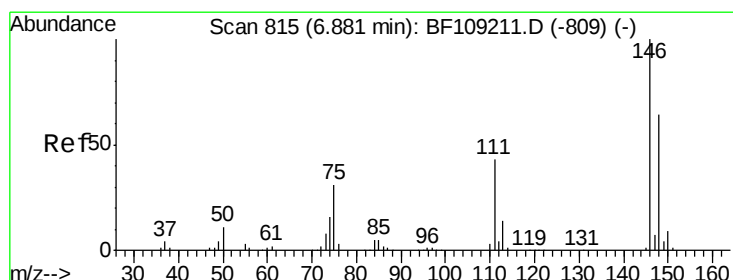
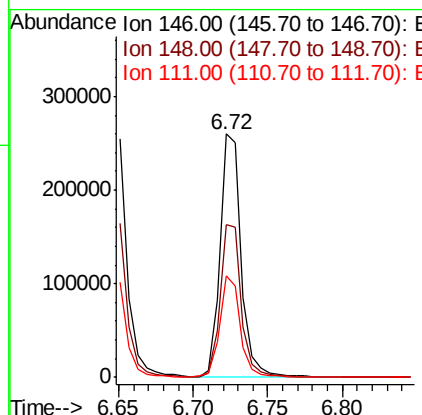
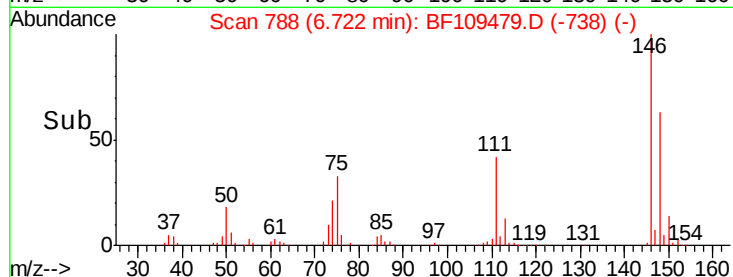
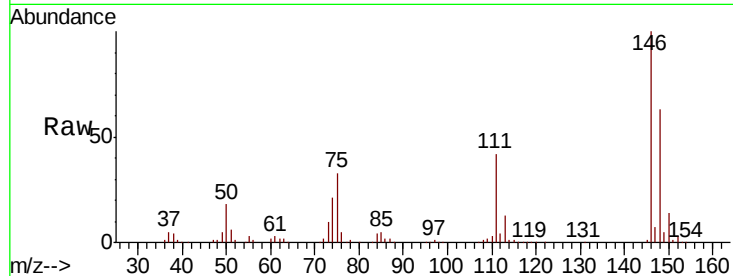
#13
 1,4-Dichlorobenzene
 Concen: 31.501 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF109479.D
 Acq: 1 Oct 2018 18:12

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-042MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.8	76.2
111	41.9	34.2	51.2

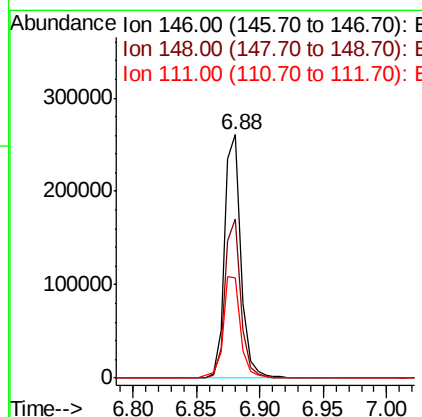
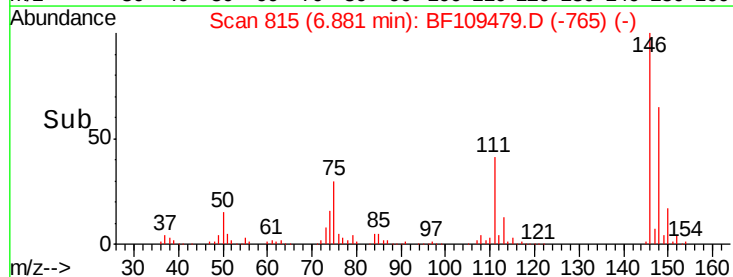
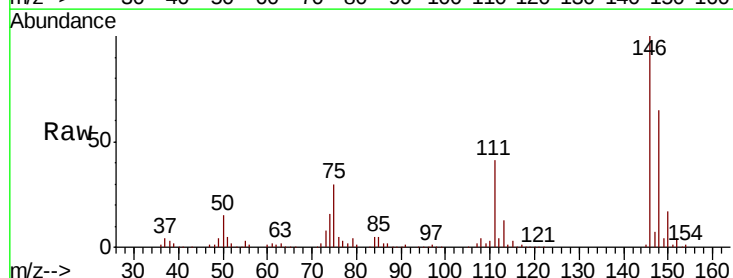
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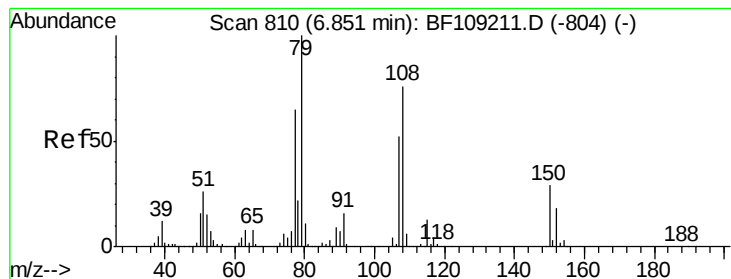
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 31.248 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF109479.D
 Acq: 1 Oct 2018 18:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	50.6	75.8
111	41.3	36.0	54.0





#15

Benzyl Alcohol

Concen: 31.650 ng

RT: 6.86 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF109479.D

Acq: 1 Oct 2018 18:12

Instrument :

BNA_F

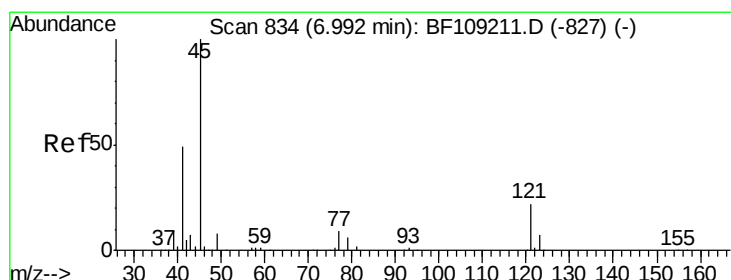
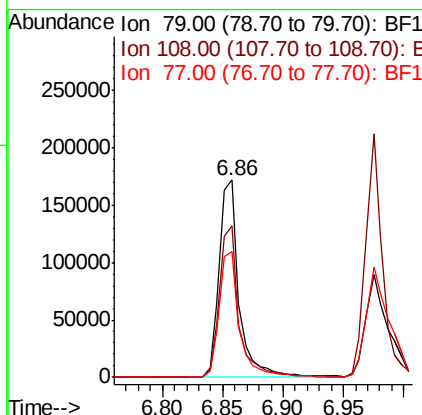
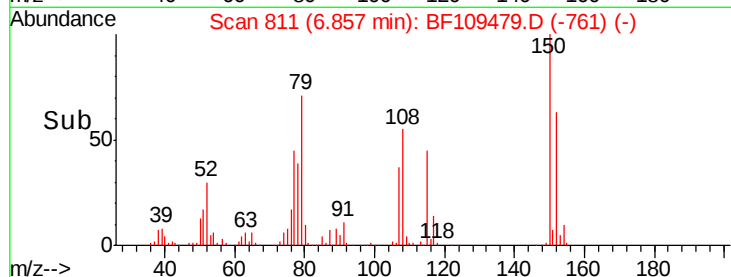
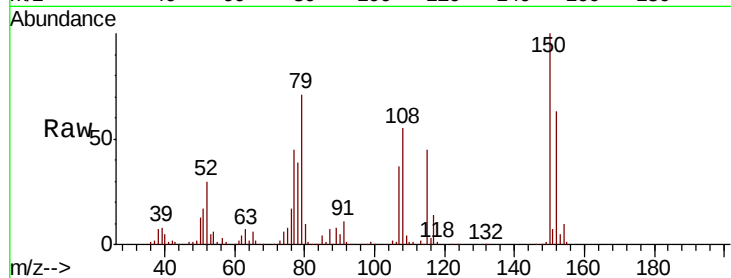
ClientSampleId :

FK-PS-01-042MSD

Tot Ion:	79	Resp:	195918
Ion Ratio	Lower	Upper	
79	100		
108	76.8	65.1	97.7
77	63.8	50.6	75.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 29.687 ng

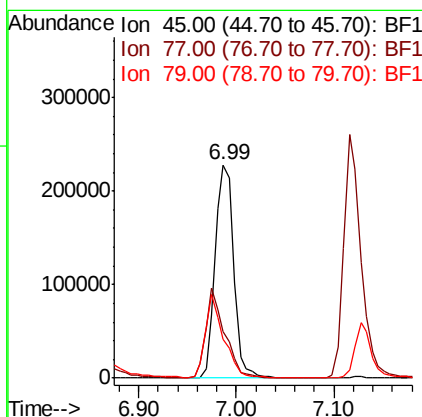
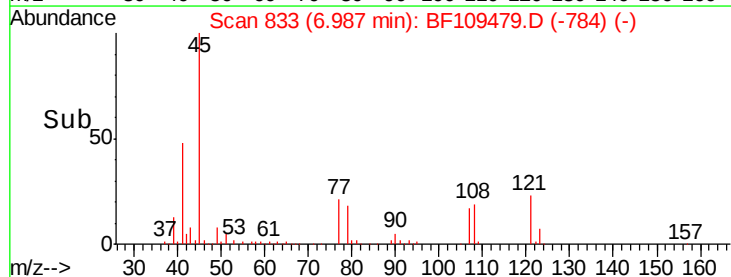
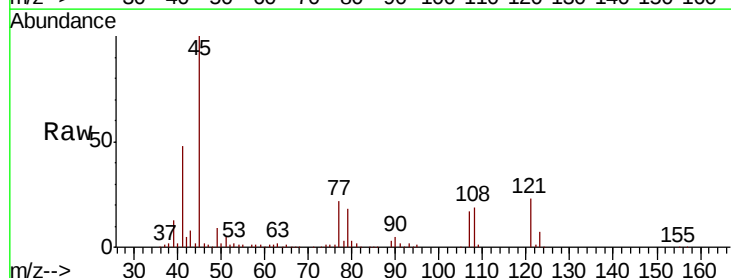
RT: 6.99 min Scan# 833

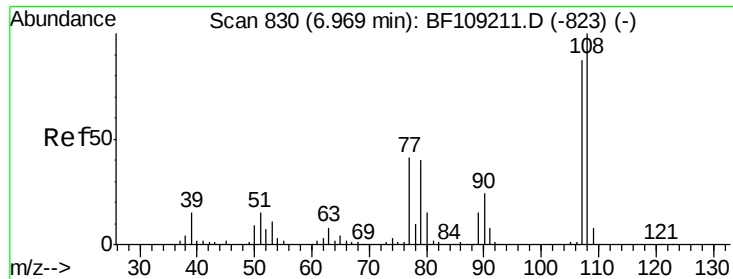
Delta R.T. -0.01 min

Lab File: BF109479.D

Acq: 1 Oct 2018 18:12

Tgt Ion:	45	Resp:	301762
Ion Ratio	Lower	Upper	
45	100		
77	22.0	0.0	32.9
79	18.1	0.0	29.6





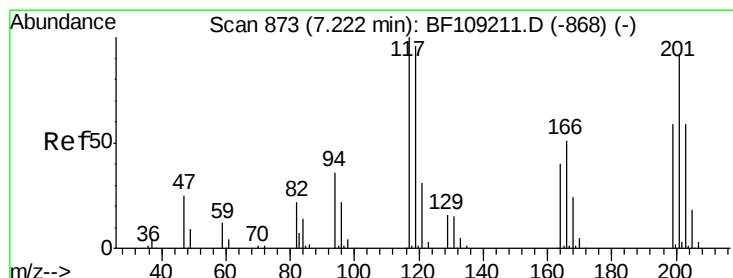
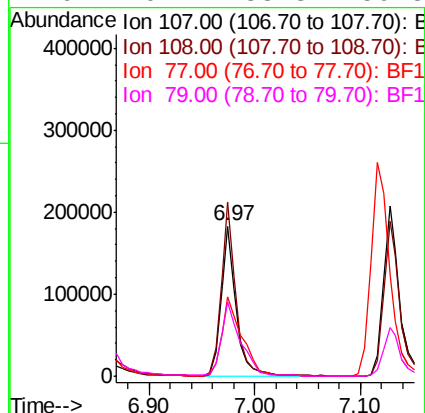
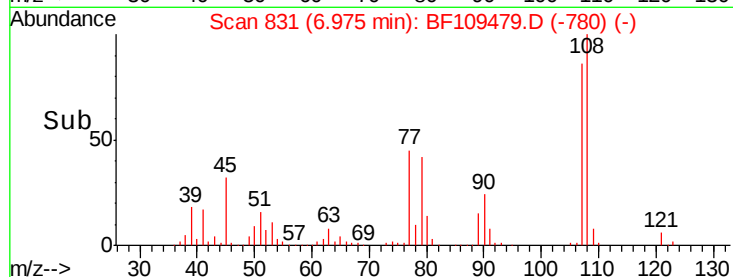
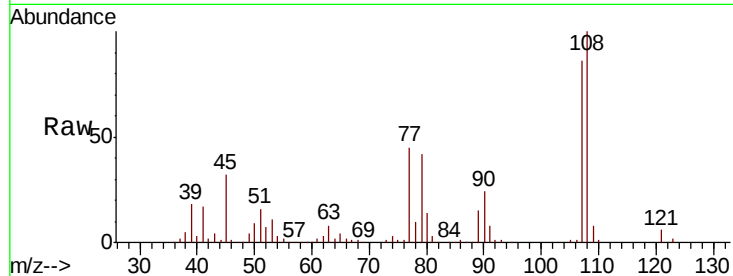
#17
2-Methylphenol
Concen: 32.249 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF109479.D
Acq: 1 Oct 2018 18:12

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-042MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.9	91.7	137.5	
77	52.5	33.8	50.8	
79	49.1	33.8	50.8	

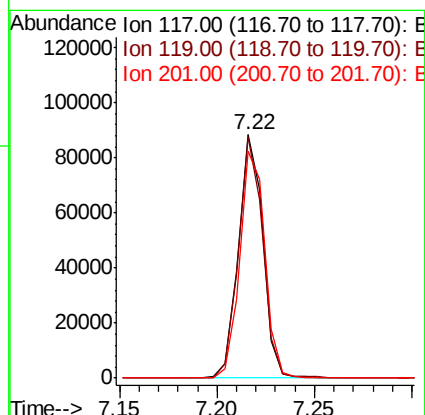
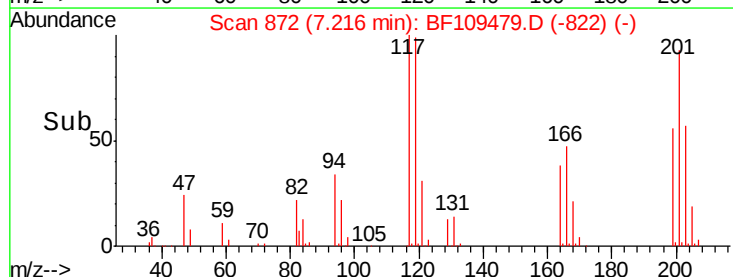
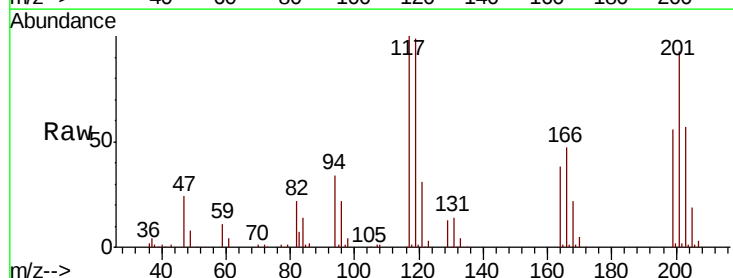
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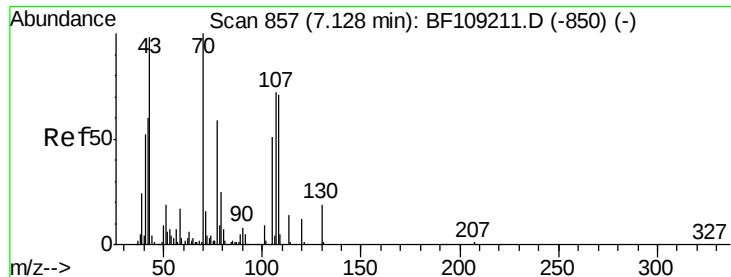
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#18
Hexachloroethane
Concen: 26.649 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF109479.D
Acq: 1 Oct 2018 18:12

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.8	75.8	113.8	
201	93.0	75.7	113.5	





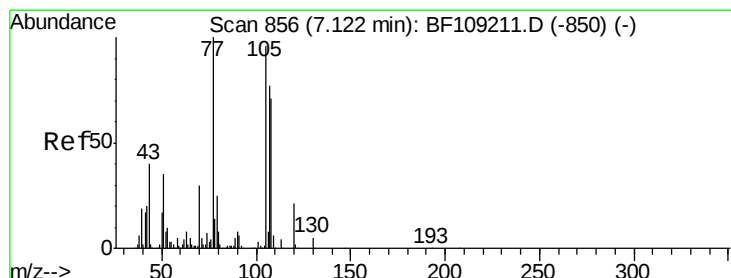
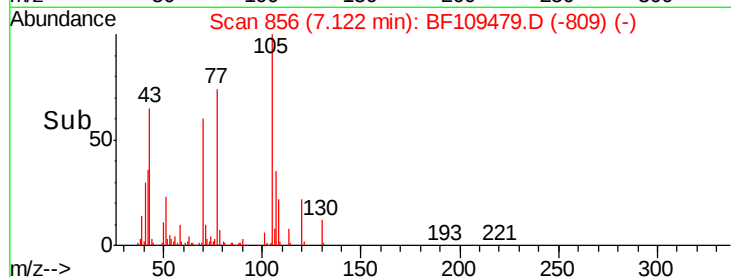
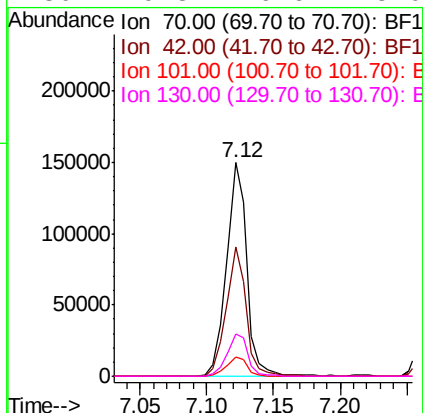
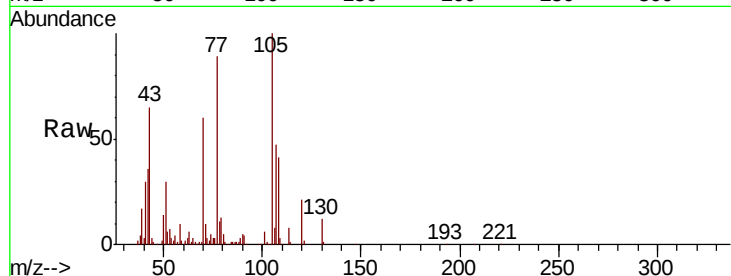
#19
n-Nitroso-di-n-propylamine
Concen: 30.417 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.02 min
Lab File: BF109479.D
Acq: 1 Oct 2018 18:12

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-042MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	60.3	47.5	71.3	
101	9.3	7.4	11.2	
130	19.8	16.6	25.0	

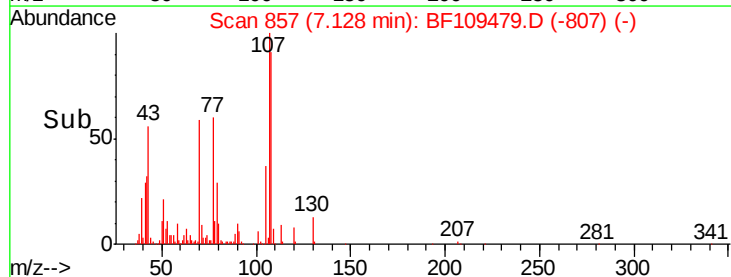
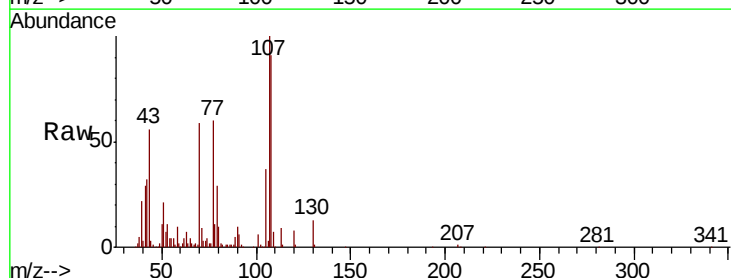
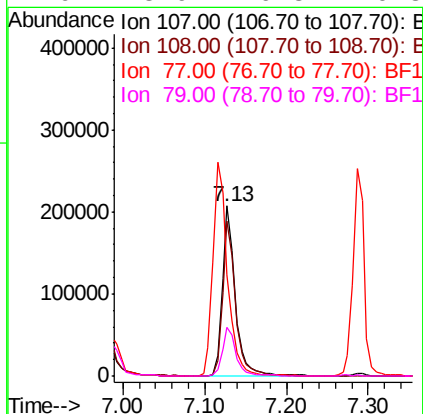
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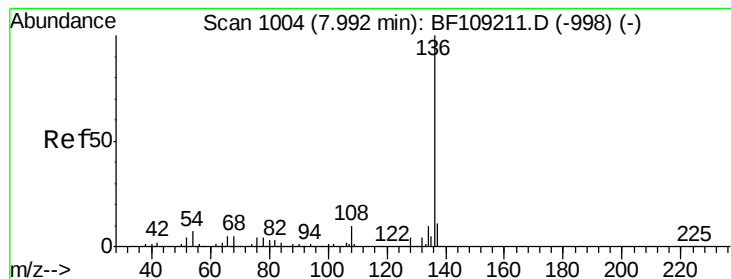
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#20
3+4-Methylphenols
Concen: 33.748 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF109479.D
Acq: 1 Oct 2018 18:12

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.7	68.2	108.2	
77	59.9	26.7	66.7	
79	28.9	6.3	46.3	





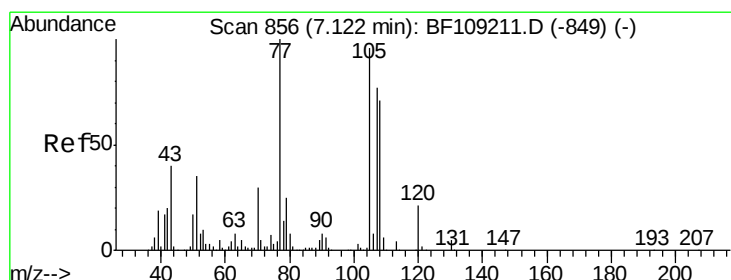
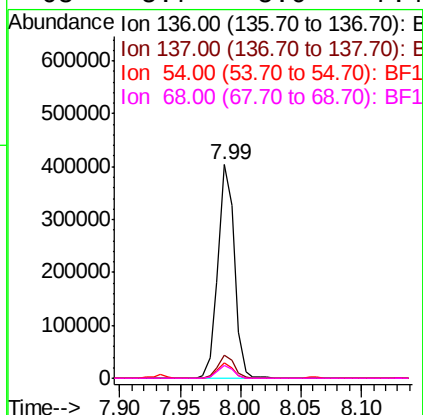
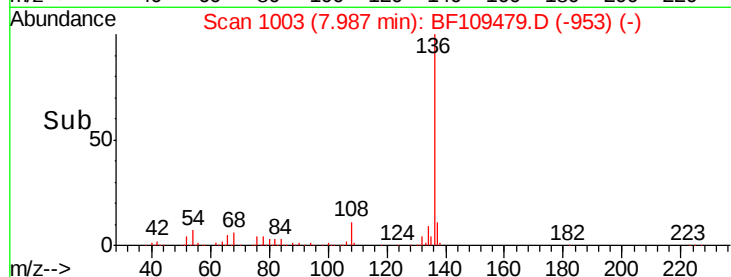
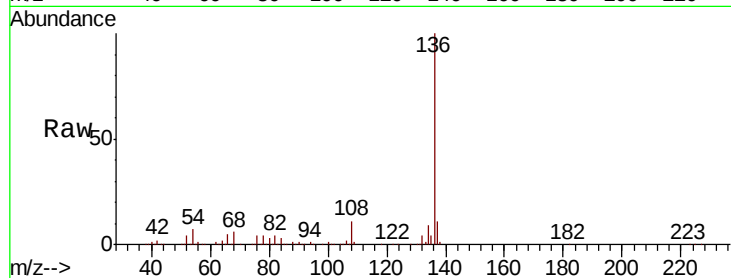
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109479.D
Acq: 1 Oct 2018 18:12

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-042MSD

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.3	6.6	9.8
68	5.7	5.0	7.4

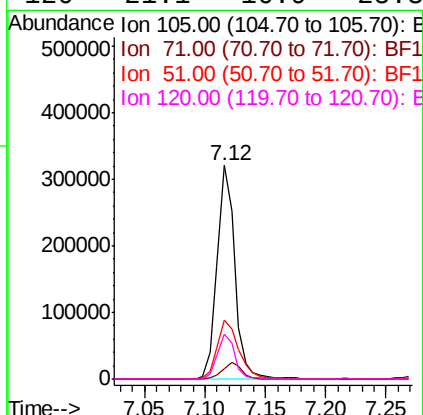
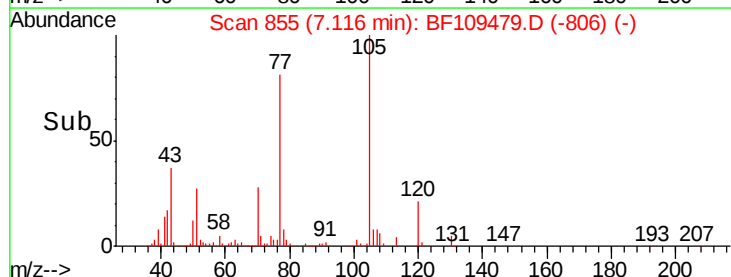
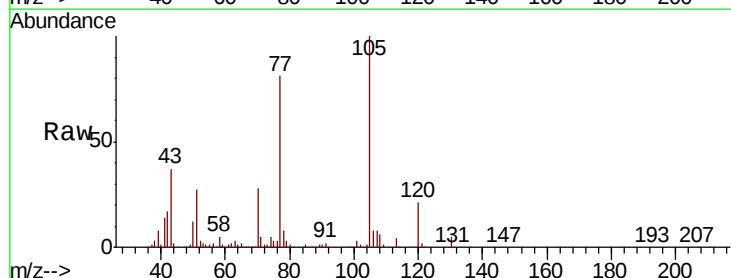
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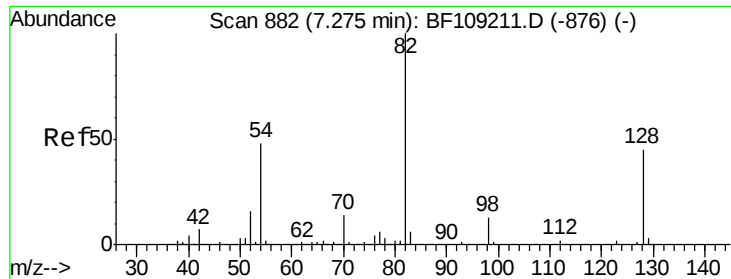
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#22
Acetophenone
Concen: 37.158 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF109479.D
Acq: 1 Oct 2018 18:12

Tgt Ion	Ratio	Lower	Upper
105	100		
71	4.7	4.4	6.6
51	27.3	22.3	33.5
120	21.1	16.9	25.3





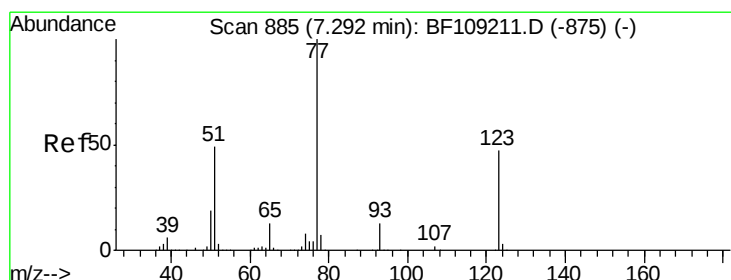
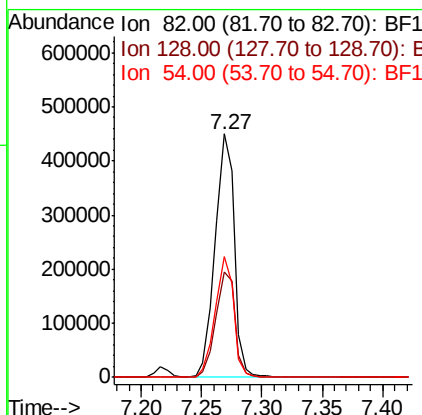
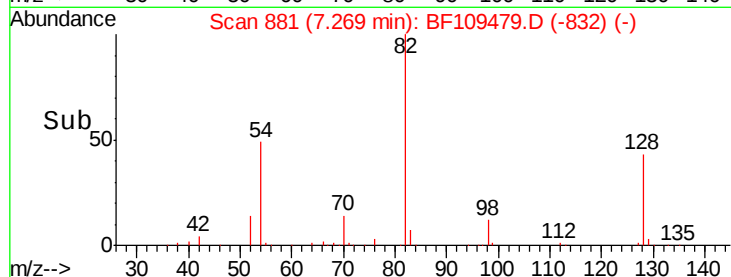
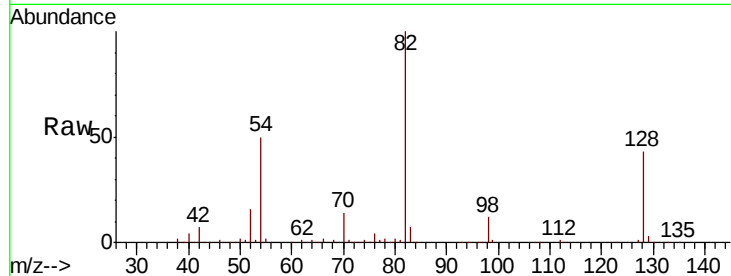
#23
 Nitrobenzene-d5
 Concen: 77.281 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF109479.D
 Acq: 1 Oct 2018 18:12

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-042MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	491443		
128	43.2	36.1	54.1	
54	49.8	41.4	62.2	

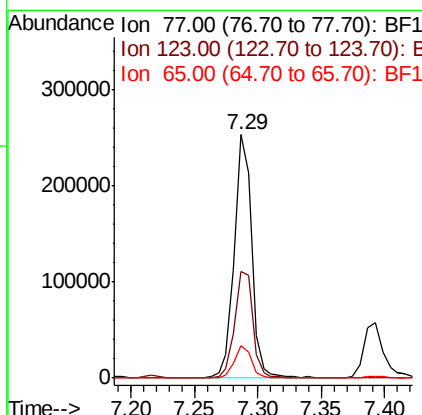
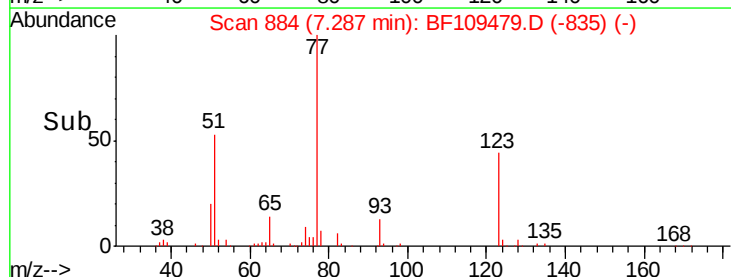
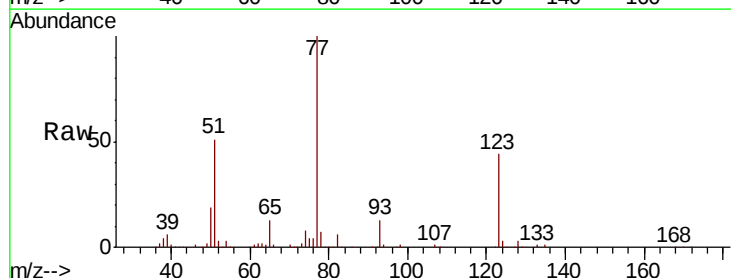
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#24
 Nitrobenzene
 Concen: 35.374 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF109479.D
 Acq: 1 Oct 2018 18:12

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	239181		
123	44.0	37.9	56.9	
65	13.4	11.0	16.4	





#25

Isophorone

Concen: 37.586 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.02 min

Lab File: BF109479.D

Acq: 1 Oct 2018 18:12

Instrument :

BNA_F

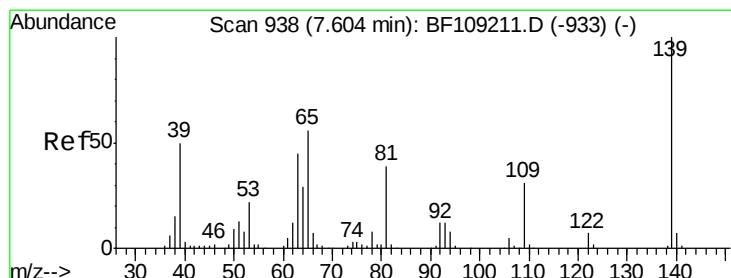
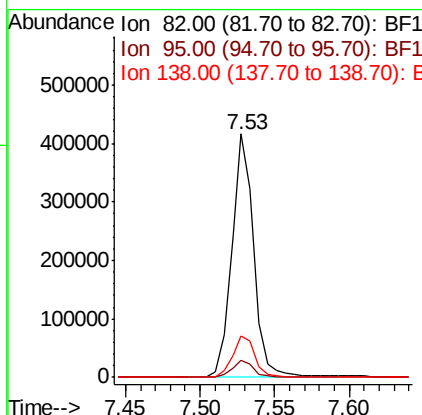
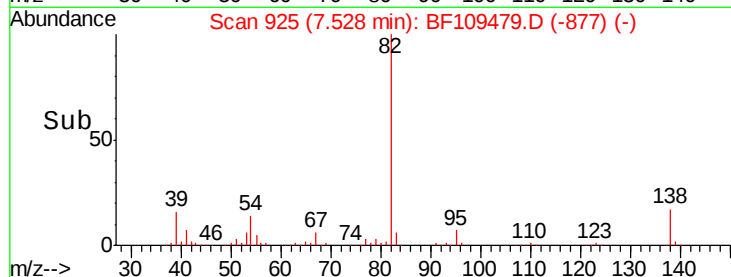
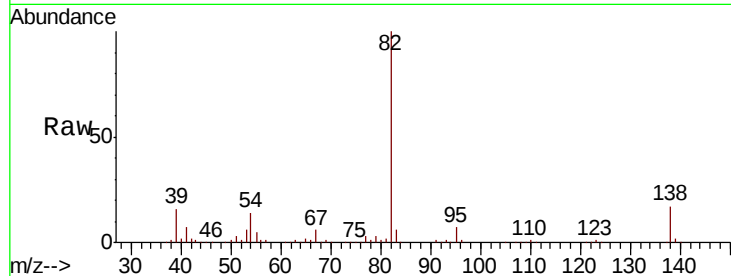
ClientSampleId :

FK-PS-01-042MSD

Tot Ion:	82	Resp:	430404
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.2	7.8
138	17.2	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 36.501 ng

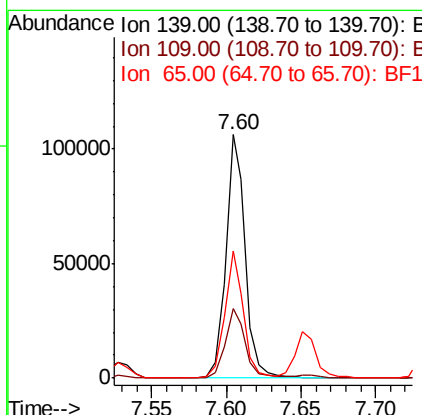
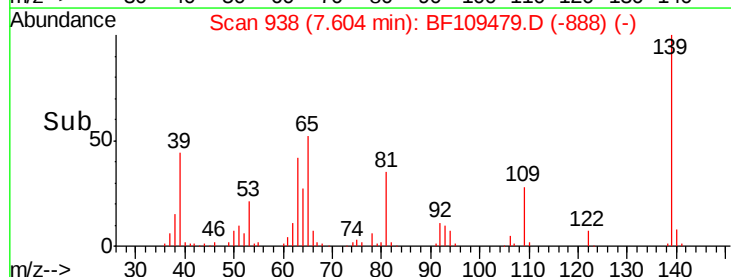
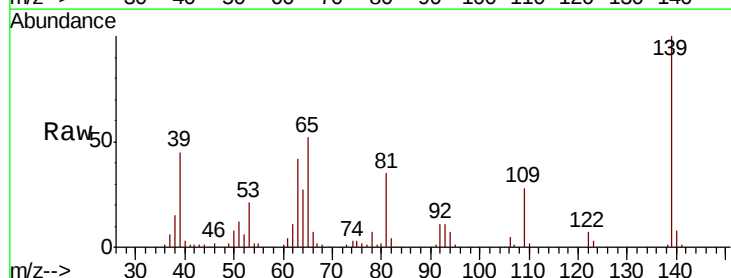
RT: 7.60 min Scan# 938

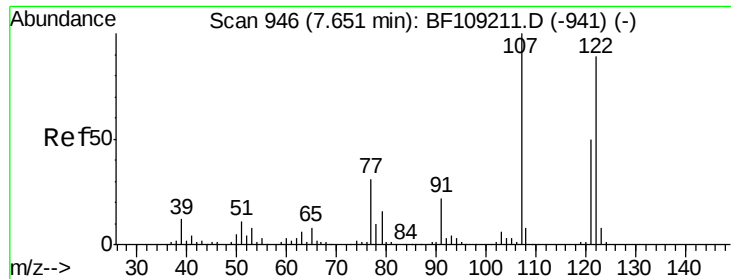
Delta R.T. -0.01 min

Lab File: BF109479.D

Acq: 1 Oct 2018 18:12

Tgt Ion:	139	Resp:	97602
Ion Ratio	Lower	Upper	
139	100		
109	28.3	22.7	34.1
65	52.2	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 39.450 ng

RT: 7.65 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF109479.D

Acq: 1 Oct 2018 18:12

Instrument :

BNA_F

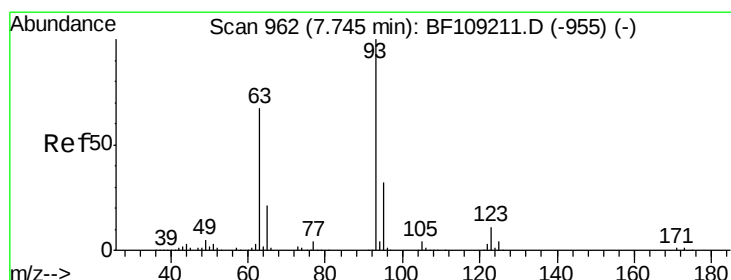
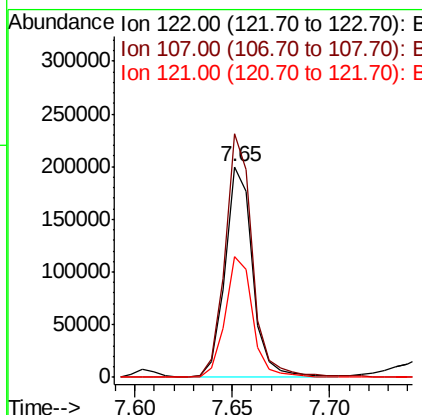
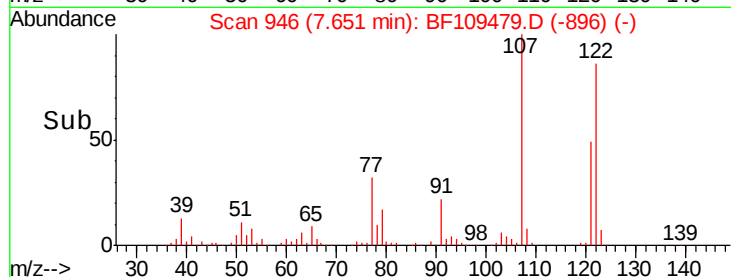
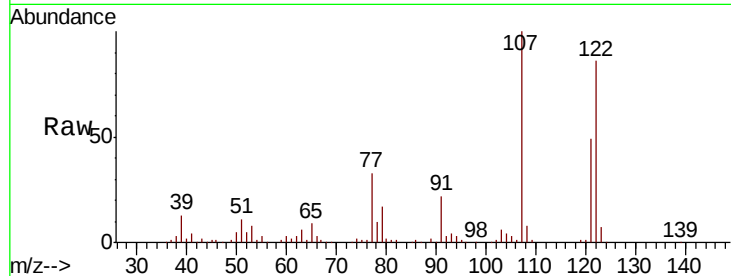
ClientSampleId :

FK-PS-01-042MSD

Tot Ion:	122	Resp:	196841
Ion Ratio	Lower	Upper	
122	100		
107	115.6	91.2	136.8
121	57.2	47.2	70.8

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#28

bis(2-Chloroethoxy)methane

Concen: 36.110 ng

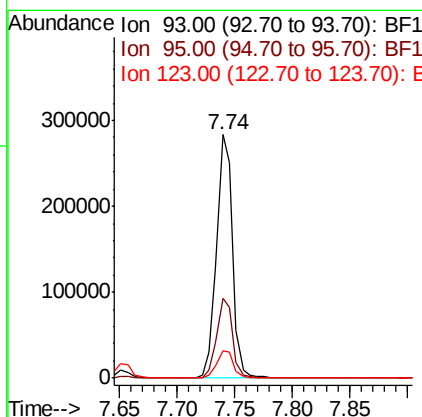
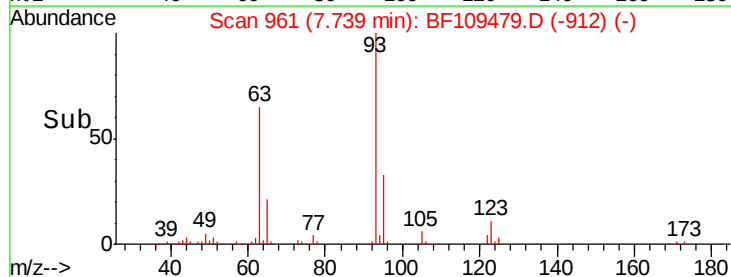
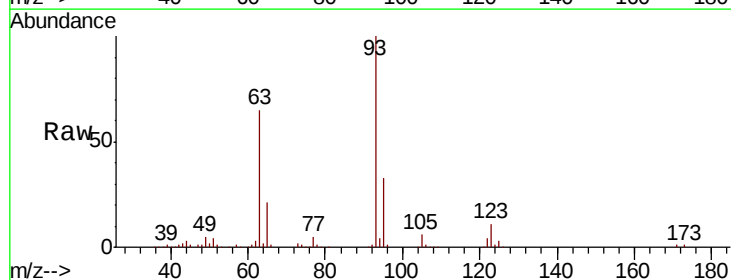
RT: 7.74 min Scan# 961

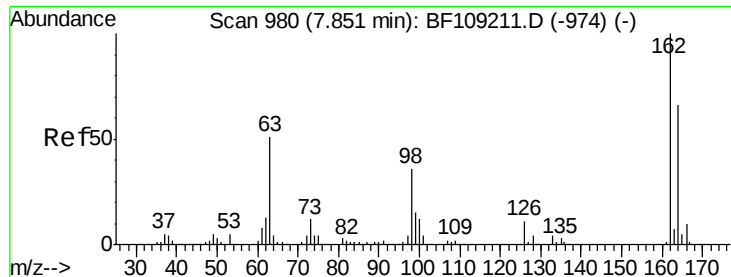
Delta R.T. -0.01 min

Lab File: BF109479.D

Acq: 1 Oct 2018 18:12

Tgt Ion:	93	Resp:	273723
Ion Ratio	Lower	Upper	
93	100		
95	32.7	26.3	39.5
123	11.0	9.8	14.6





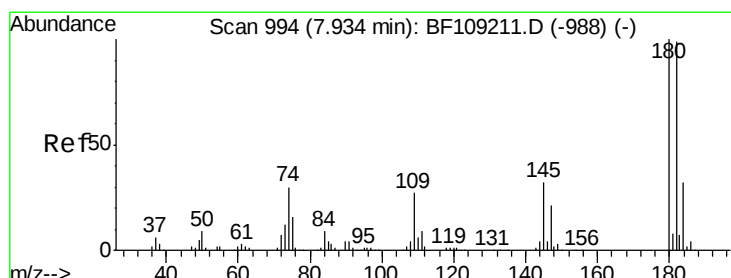
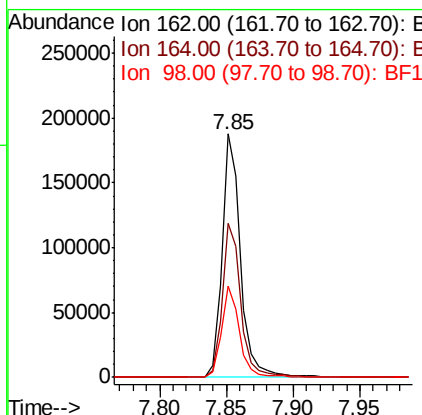
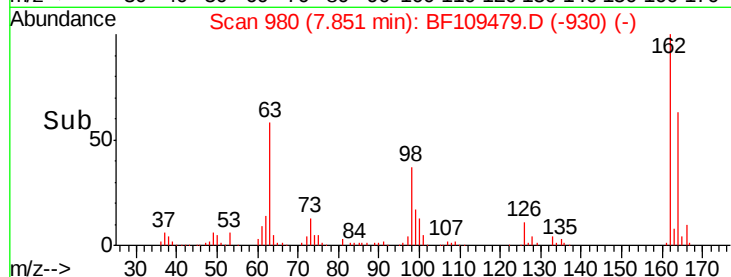
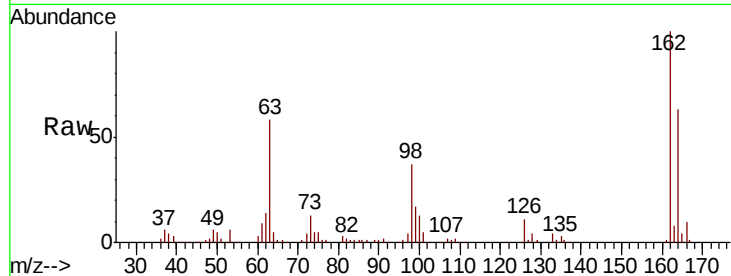
#29
2,4-Dichlorophenol
Concen: 34.912 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF109479.D
Acq: 1 Oct 2018 18:12

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-042MSD

Tot Ion:	162	Resp:	183020
Ion Ratio	Lower	Upper	
162	100		
164	63.1	42.7	82.7
98	37.4	18.1	58.1

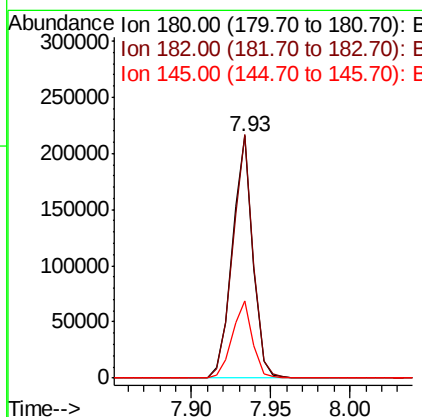
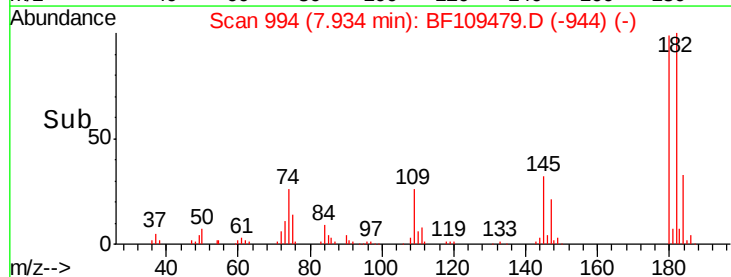
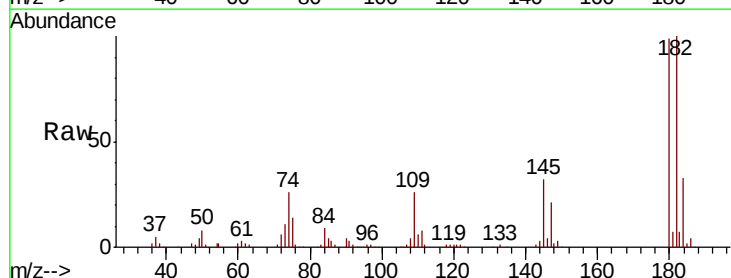
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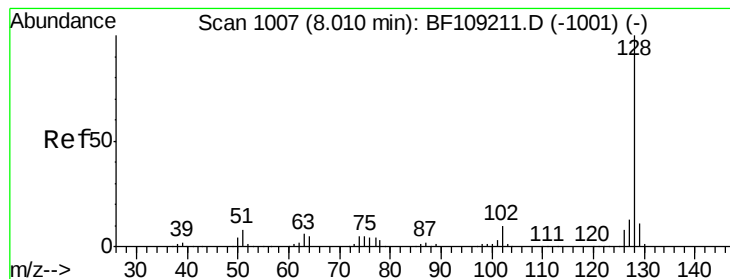
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#30
1,2,4-Trichlorobenzene
Concen: 33.008 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF109479.D
Acq: 1 Oct 2018 18:12

Tgt Ion:	180	Resp:	193359
Ion Ratio	Lower	Upper	
180	100		
182	100.7	76.8	115.2
145	32.2	26.5	39.7





#31

Naphthalene

Concen: 35.682 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF109479.D

Acq: 1 Oct 2018 18:12

Instrument :

BNA_F

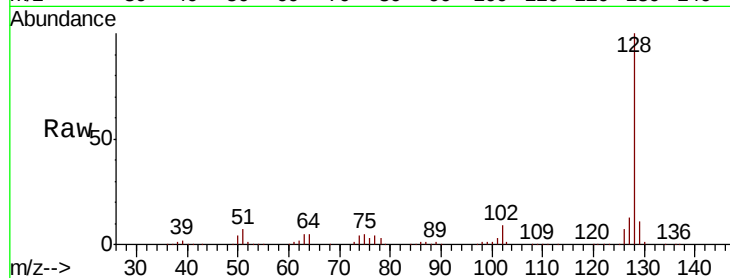
ClientSampleId :

FK-PS-01-042MSD

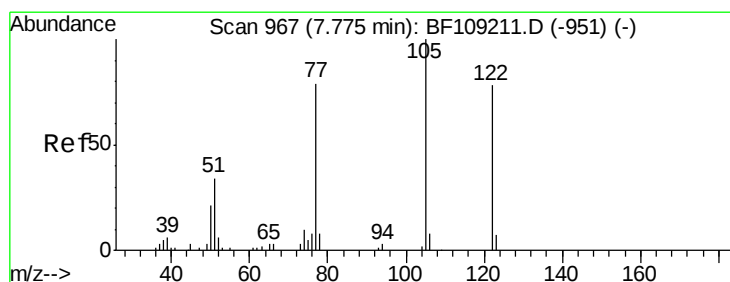
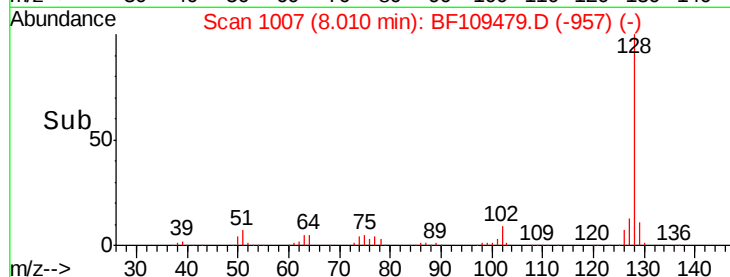
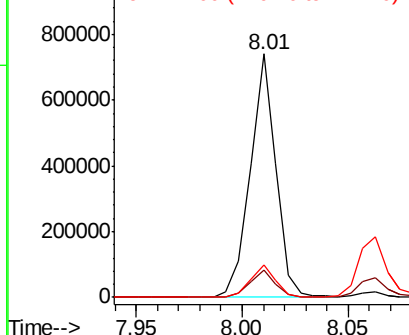
Tot Ion:	128	Resp:	625937
Ion Ratio	Lower	Upper	
128	100		
129	11.2	8.8	13.2
127	13.1	10.9	16.3

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 17.136 ng m

RT: 7.75 min Scan# 963

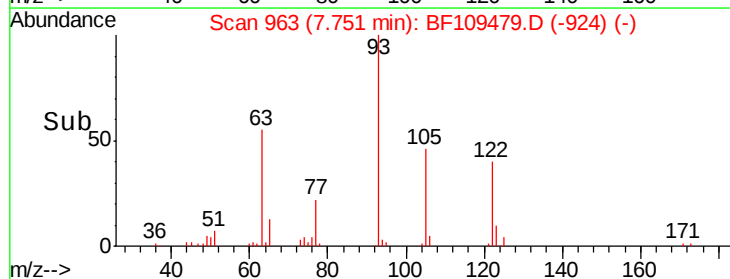
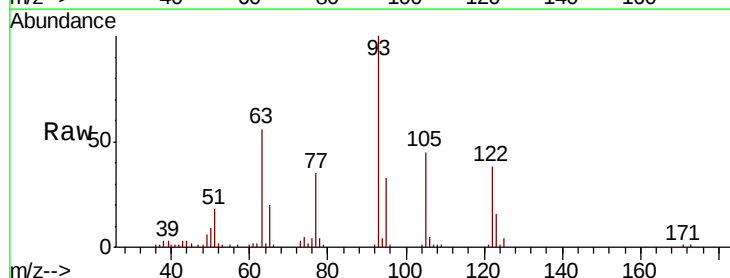
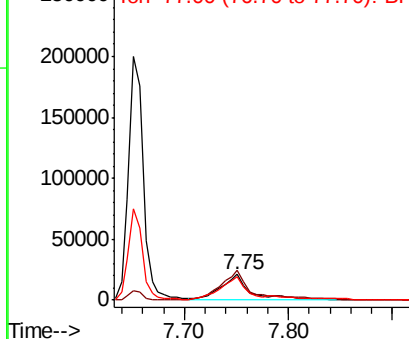
Delta R.T. -0.07 min

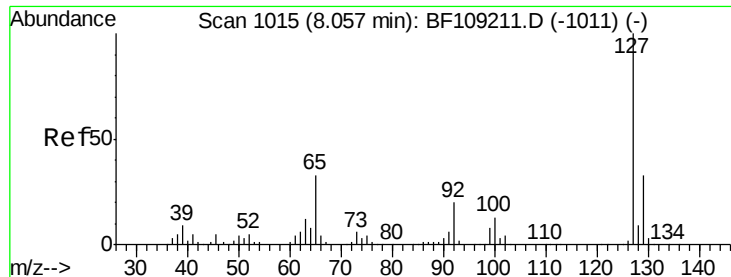
Lab File: BF109479.D

Acq: 1 Oct 2018 18:12

Tgt Ion:	122	Resp:	40841
Ion Ratio	Lower	Upper	
122	100		
105	115.9	101.1	141.1
77	91.9	70.7	110.7

Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





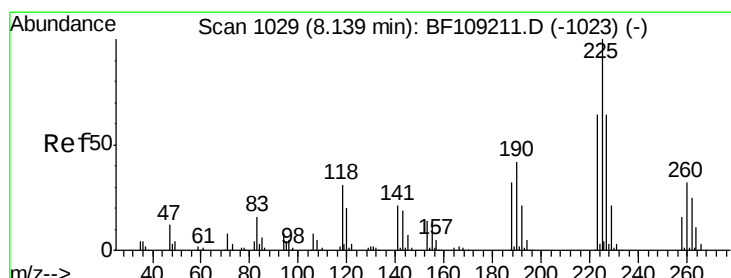
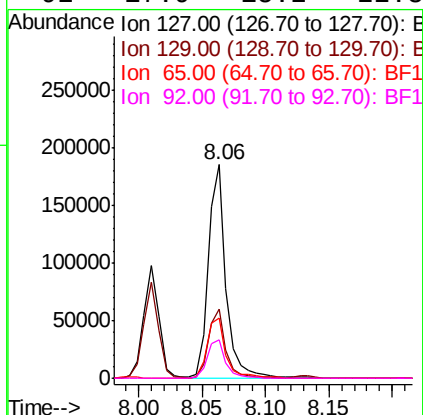
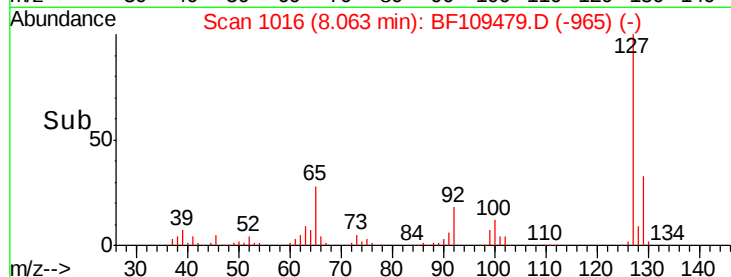
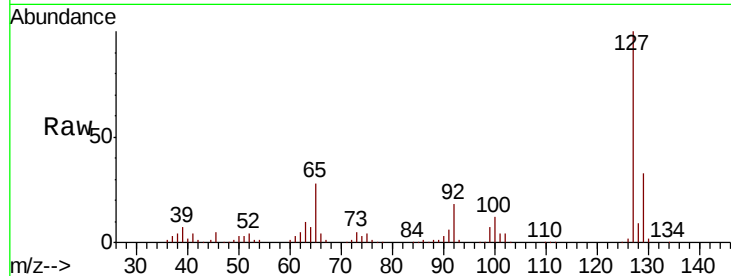
#33
4-Chloroaniline
Concen: 23.628 ng
RT: 8.06 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BF109479.D
Acq: 1 Oct 2018 18:12

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-042MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.5	25.9	38.9		
65	28.3	25.0	37.4		
92	17.9	15.2	22.8		

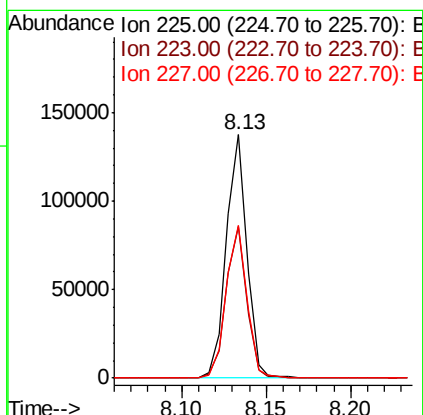
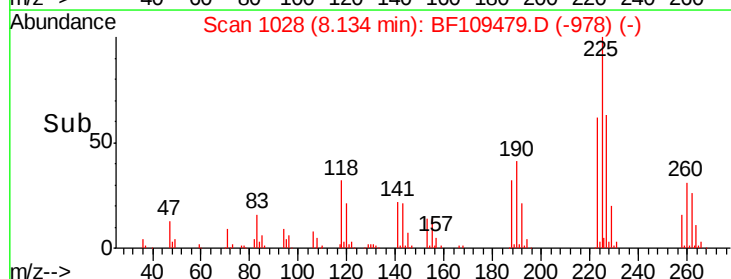
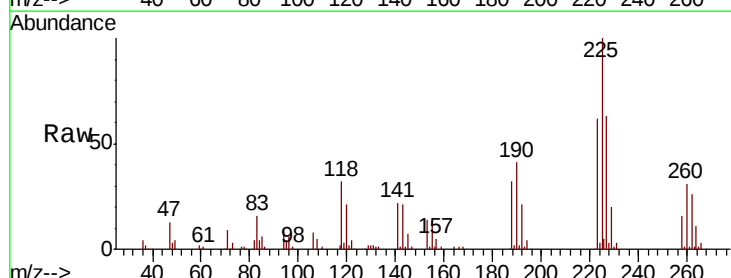
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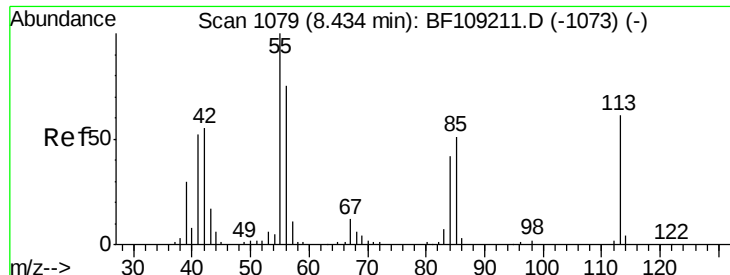
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#34
Hexachlorobutadiene
Concen: 32.948 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF109479.D
Acq: 1 Oct 2018 18:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.5	50.6	76.0		
227	62.5	51.9	77.9		





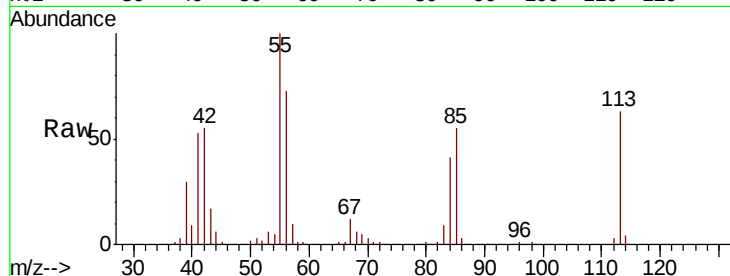
#35
 Caprolactam
 Concen: 32.908 ng
 RT: 8.42 min Scan# 1077
 Delta R.T. -0.04 min
 Lab File: BF109479.D
 Acq: 1 Oct 2018 18:12

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-042MSD

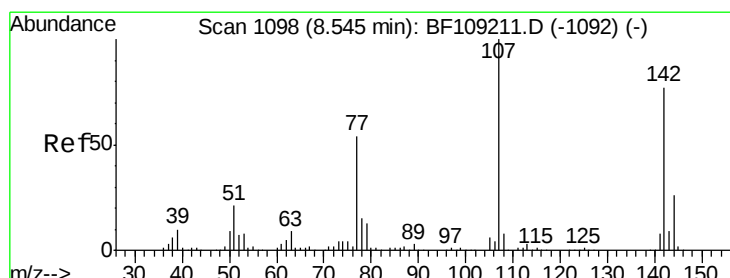
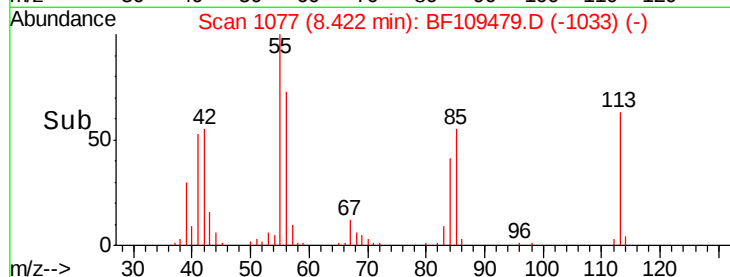
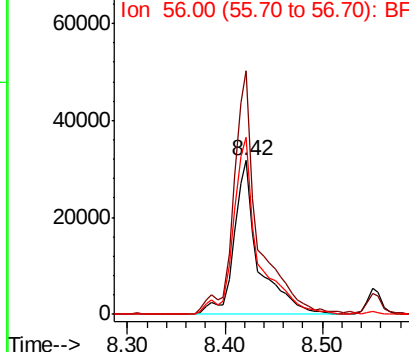
Tot Ion:113 Resp: 55079
 Ion Ratio Lower Upper
 113 100
 55 158.3 163.3 203.3#
 56 115.5 115.7 155.7#

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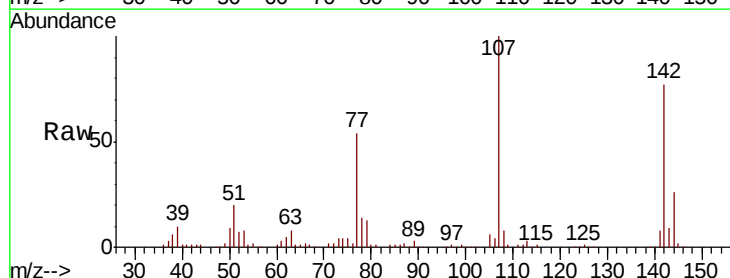


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

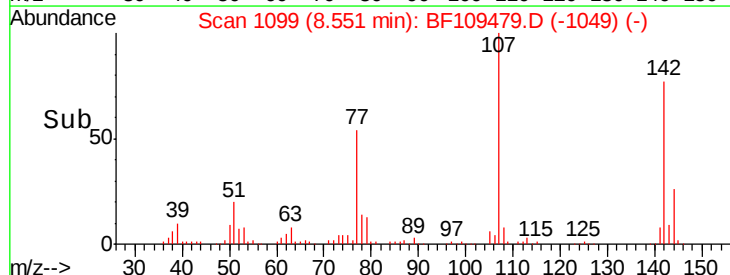
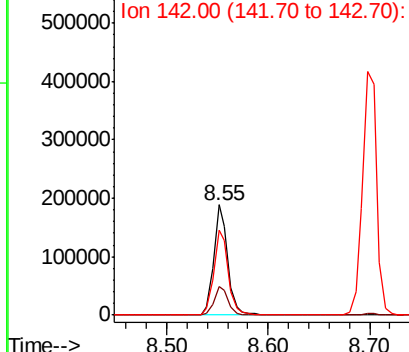


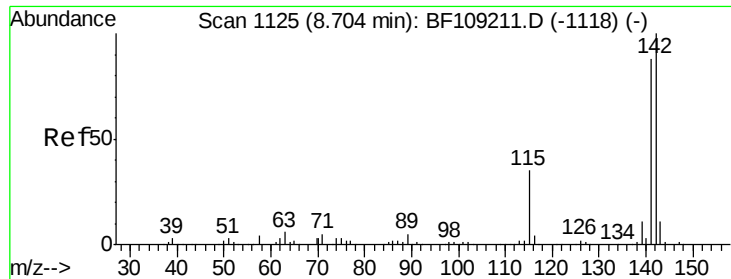
#36
 4-Chloro-3-methylphenol
 Concen: 33.018 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. -0.01 min
 Lab File: BF109479.D
 Acq: 1 Oct 2018 18:12

Tgt Ion:107 Resp: 182143
 Ion Ratio Lower Upper
 107 100
 144 25.7 20.5 30.7
 142 77.4 62.0 93.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





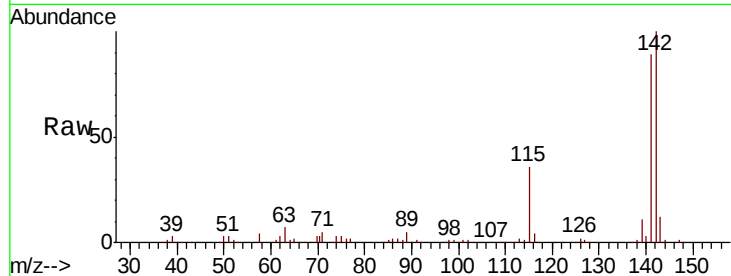
#37
2-Methylnaphthalene
Concen: 35.996 ng
RT: 8.70 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF109479.D
Acq: 1 Oct 2018 18:12

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-042MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.8	106.2
115	36.0	26.1	39.1

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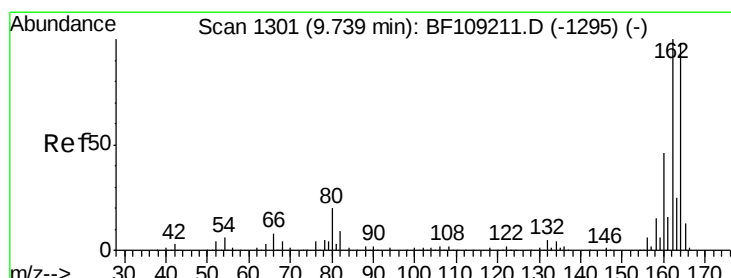
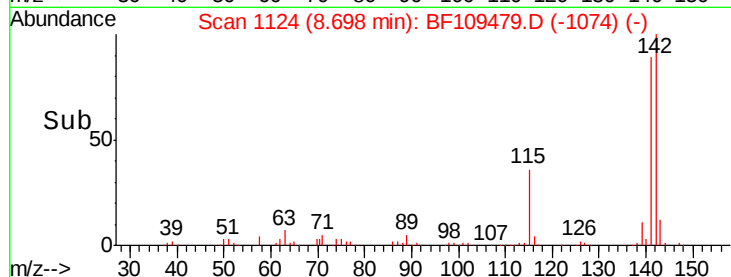
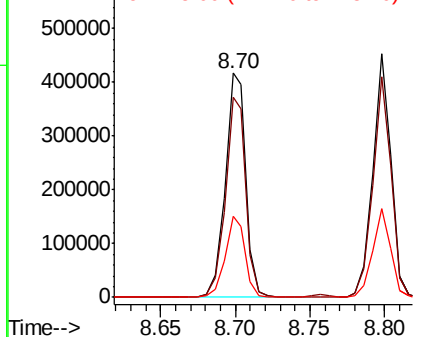


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF109479.D
Acq: 1 Oct 2018 18:12

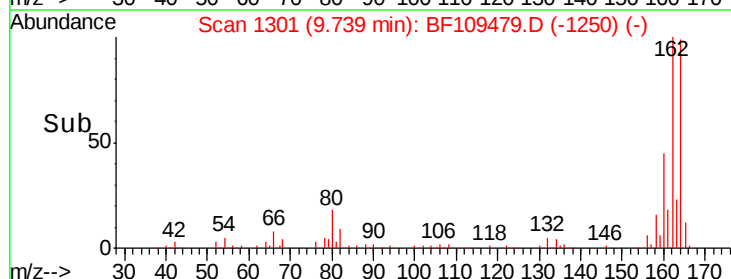
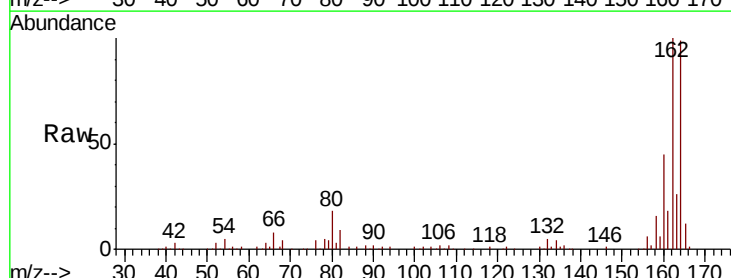
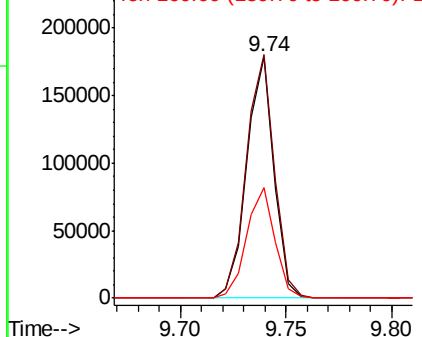
Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.0	86.1	129.1
160	45.8	38.3	57.5

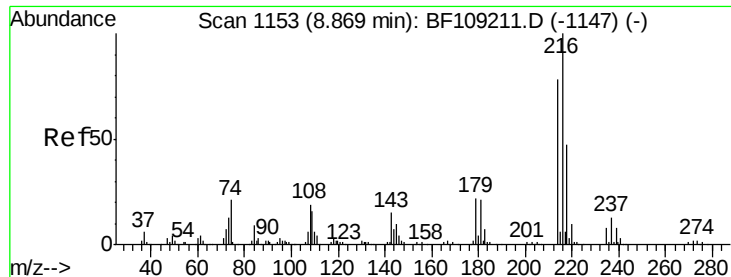
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





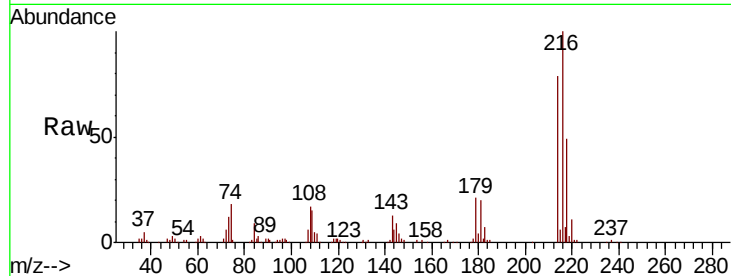
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.365 ng
 RT: 8.87 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF109479.D
 Acq: 1 Oct 2018 18:12

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-042MSD

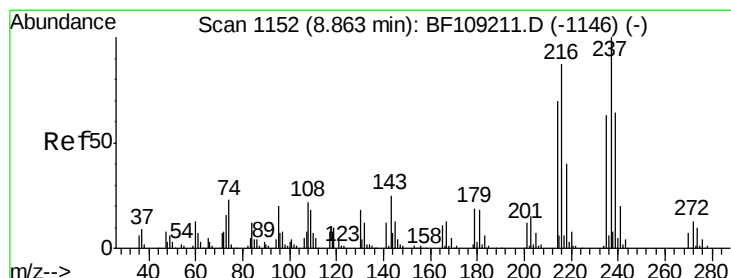
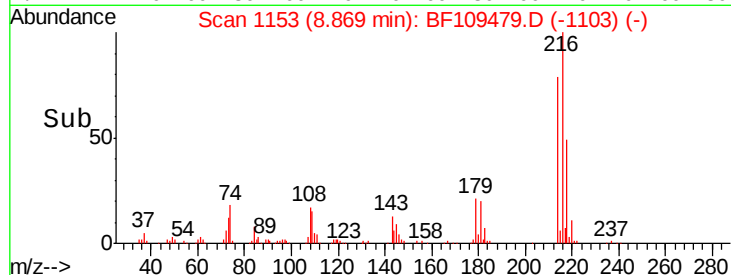
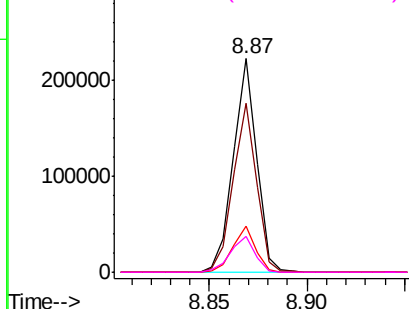
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		184799		
214	79.3		63.0	94.4	
179	20.9		18.1	27.1	
108	18.0		17.2	25.8	

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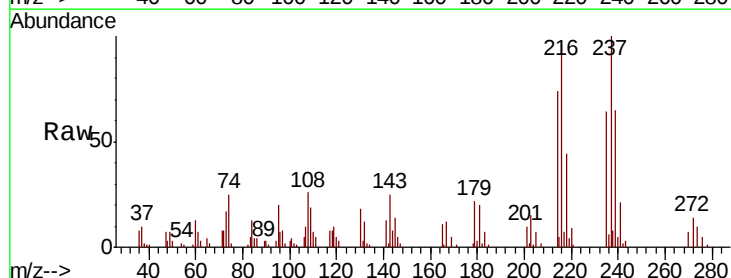


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

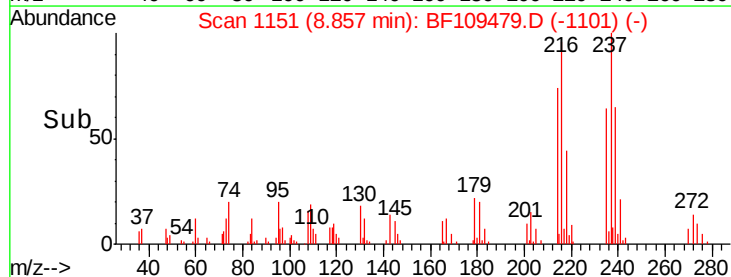
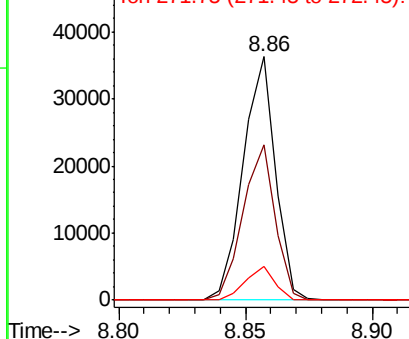


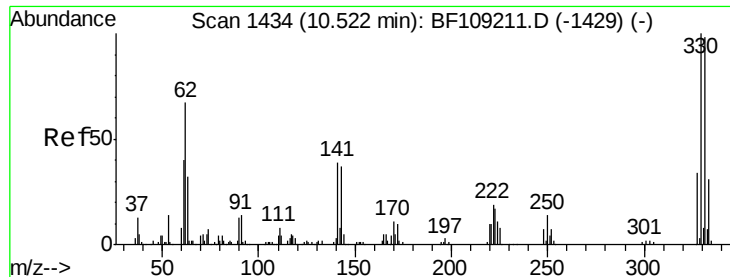
#40
 Hexachlorocyclopentadiene
 Concen: 14.487 ng
 RT: 8.86 min Scan# 1151
 Delta R.T. -0.01 min
 Lab File: BF109479.D
 Acq: 1 Oct 2018 18:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		32111		
235	63.6		44.8	84.8	
272	14.1		0.0	33.3	



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





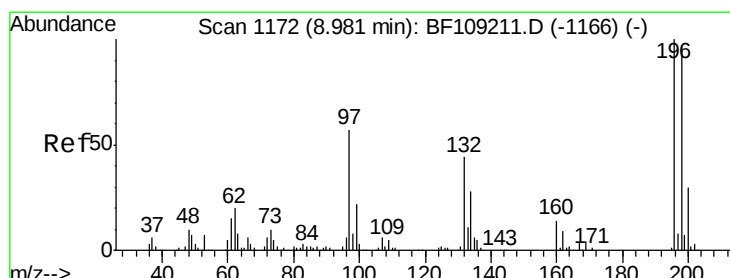
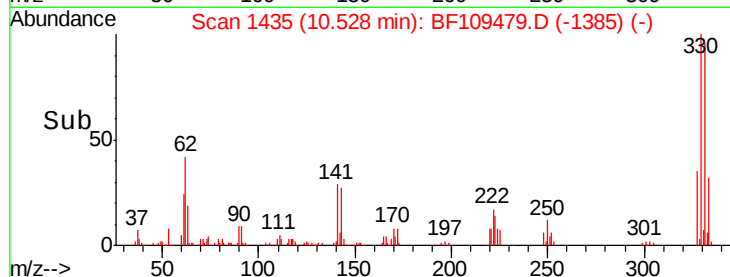
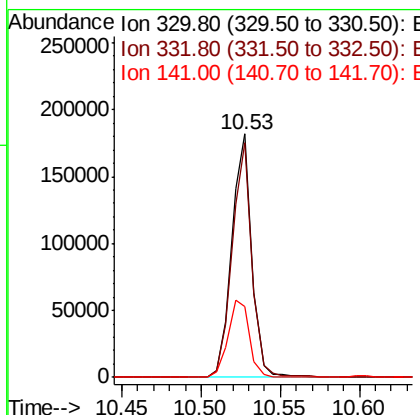
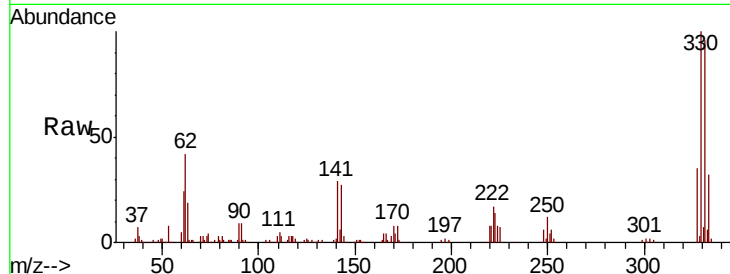
#41
 2,4,6-Tribromophenol
 Concen: 101.131 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF109479.D
 Acq: 1 Oct 2018 18:12

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-042MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	159191		
332	95.6	77.0	115.6	
141	33.8	29.9	44.9	

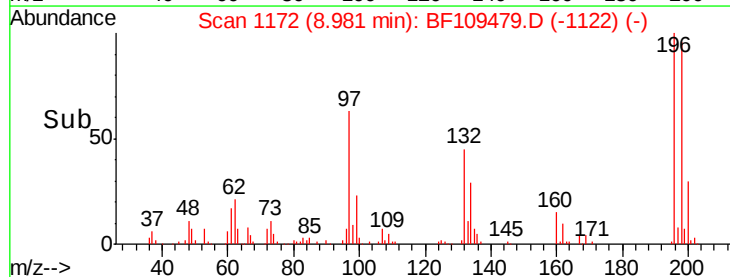
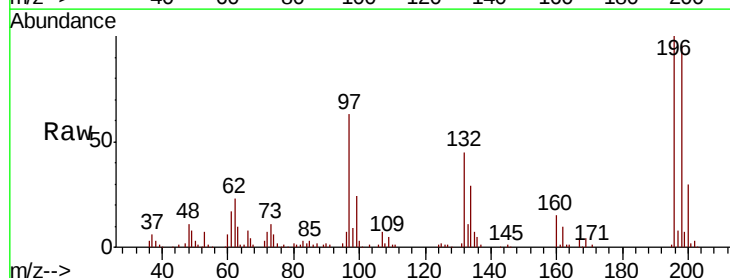
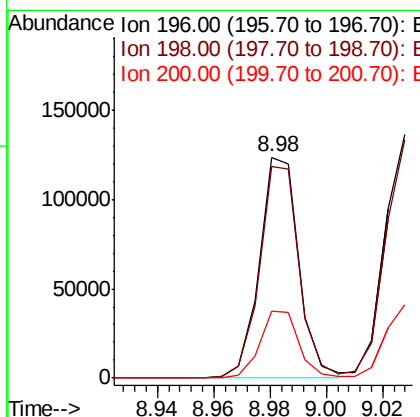
Manual Integrations
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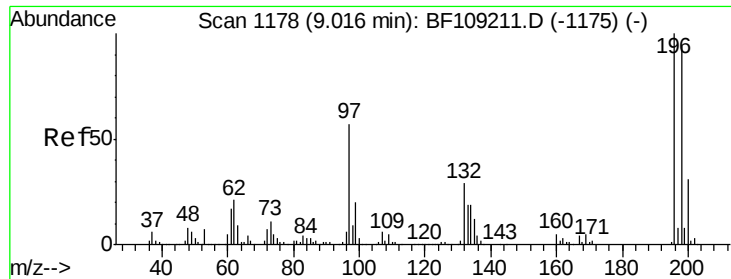
Sohil
 10/2/2018 1:01:30 PM



#42
 2,4,6-Trichlorophenol
 Concen: 36.465 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF109479.D
 Acq: 1 Oct 2018 18:12

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	118934		
198	95.6	75.7	113.5	
200	30.1	24.5	36.7	





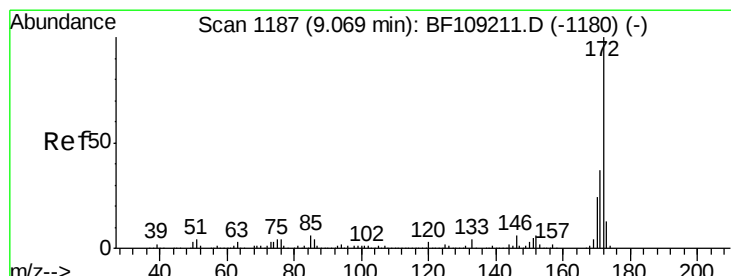
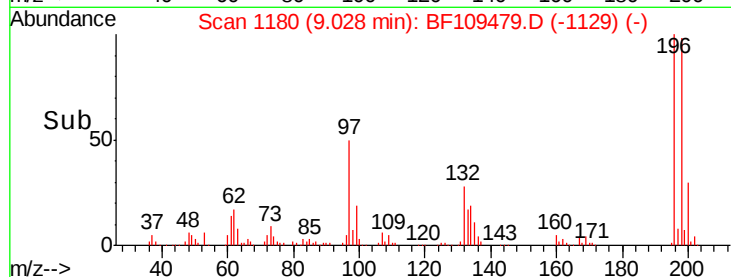
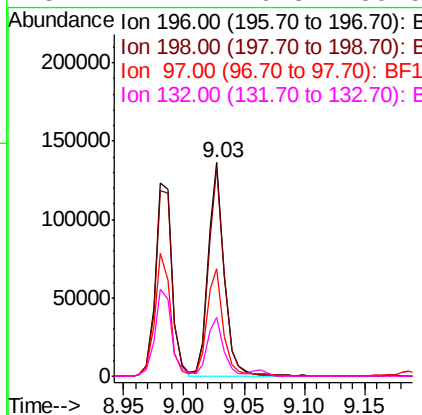
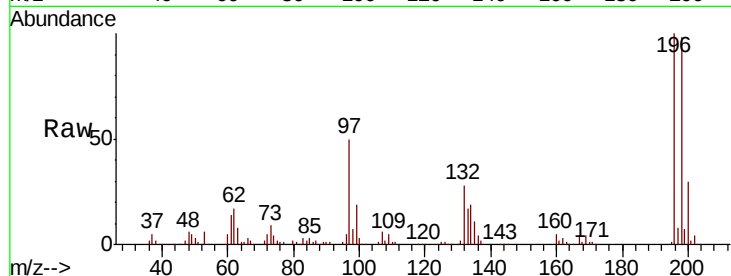
#43
 2,4,5-Trichlorophenol
 Concen: 36.082 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF109479.D
 Acq: 1 Oct 2018 18:12

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-042MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		124289		
198	97.8	74.6	112.0		
97	50.1	42.9	64.3		
132	27.7	26.3	39.5		

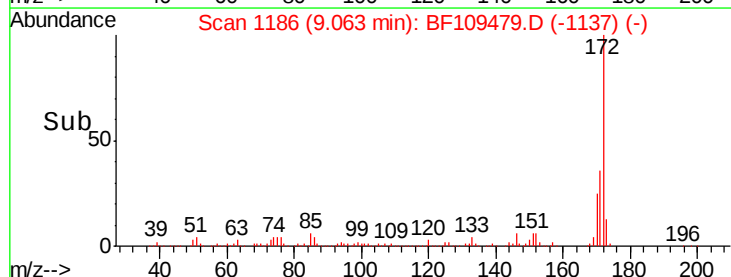
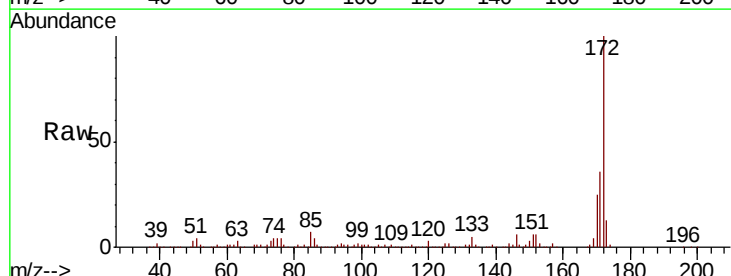
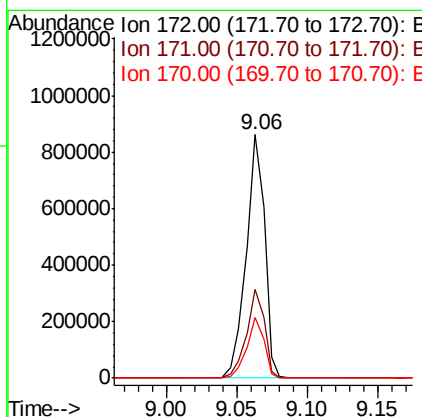
Manual Integrations
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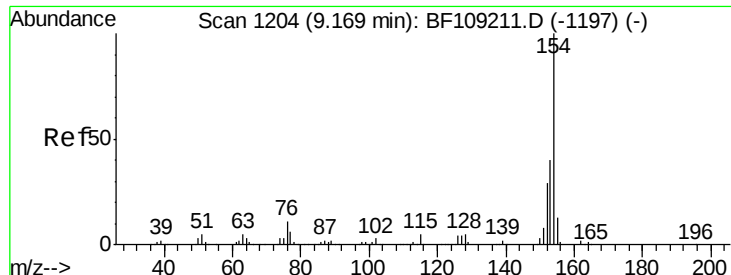
Sohil
 10/2/2018 1:01:30 PM



#44
 2-Fluorobiphenyl
 Concen: 74.323 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109479.D
 Acq: 1 Oct 2018 18:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		786892		
171	36.5	29.7	44.5		
170	24.7	19.6	29.4		





#45

1,1'-Biphenyl

Concen: 36.403 ng

RT: 9.16 min Scan# 1203

Delta R.T. -0.01 min

Lab File: BF109479.D

Acq: 1 Oct 2018 18:12

Instrument :

BNA_F

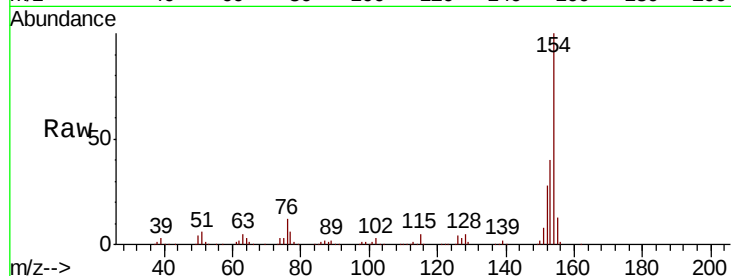
ClientSampleId :

FK-PS-01-042MSD

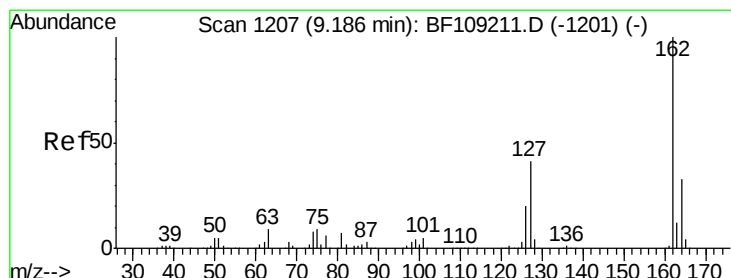
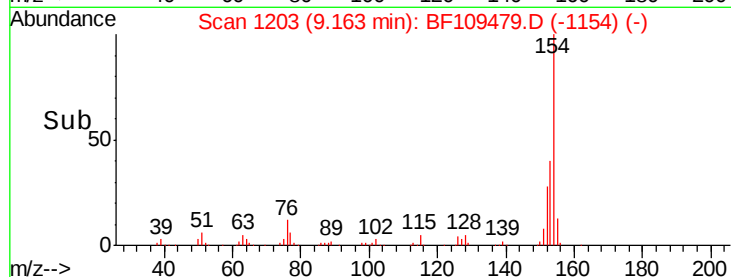
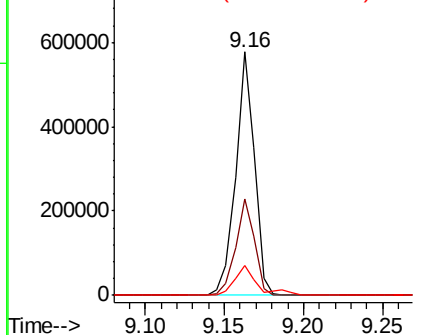
Tot Ion:	154	Resp:	473608
Ion Ratio	Lower	Upper	
154	100		
153	39.7	21.3	61.3
76	12.3	0.0	34.0

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 34.210 ng

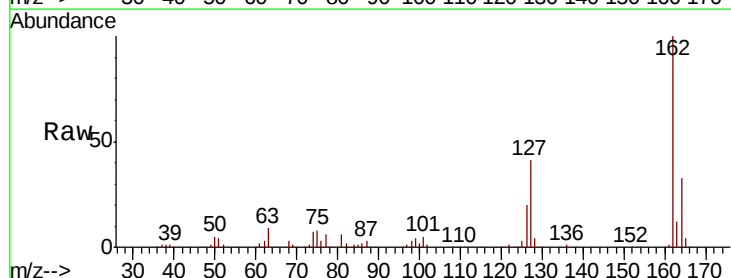
RT: 9.19 min Scan# 1207

Delta R.T. -0.01 min

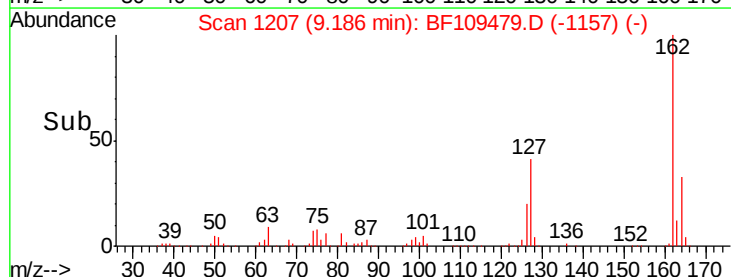
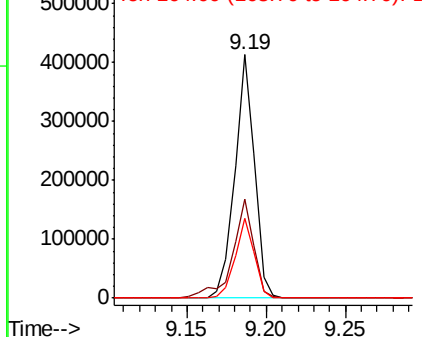
Lab File: BF109479.D

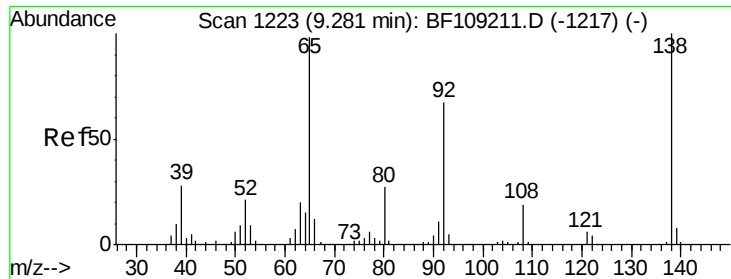
Acq: 1 Oct 2018 18:12

Tgt Ion:	162	Resp:	355561
Ion Ratio	Lower	Upper	
162	100		
127	40.6	33.9	50.9
164	32.6	26.5	39.7



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





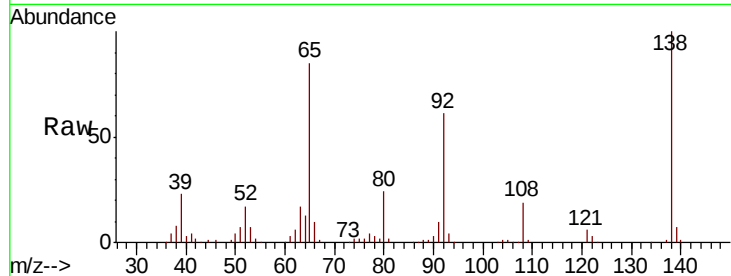
#47
 2-Nitroaniline
 Concen: 38.827 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: BF109479.D
 Acq: 1 Oct 2018 18:12

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-042MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	71.7	55.8	83.6
138	117.3	91.2	136.8

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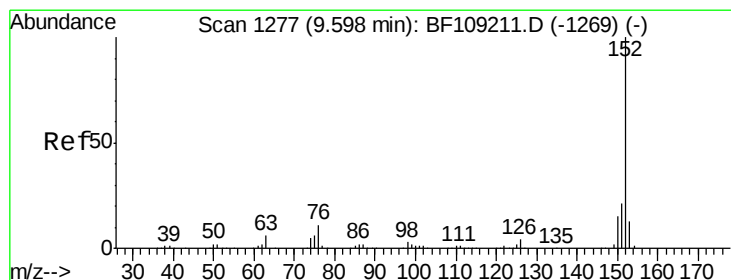
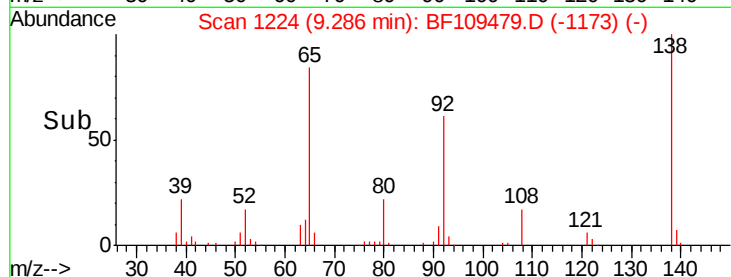
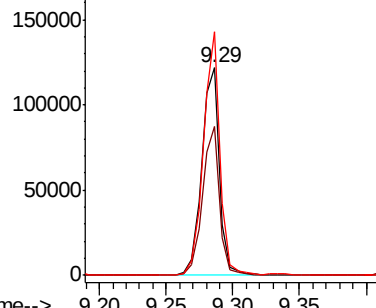


Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#48
 Acenaphthylene
 Concen: 34.975 ng
 RT: 9.60 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: BF109479.D
 Acq: 1 Oct 2018 18:12

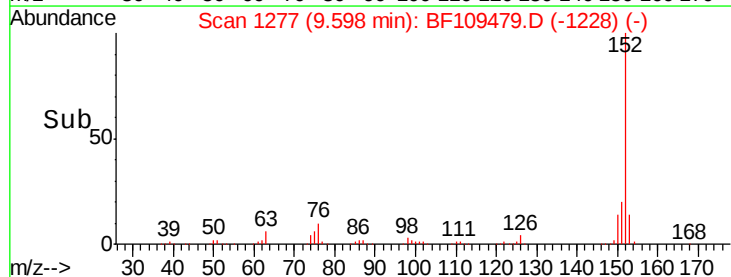
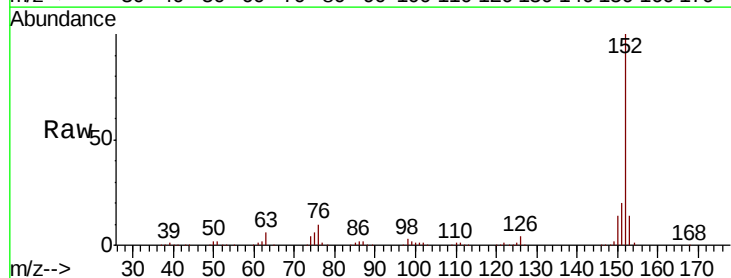
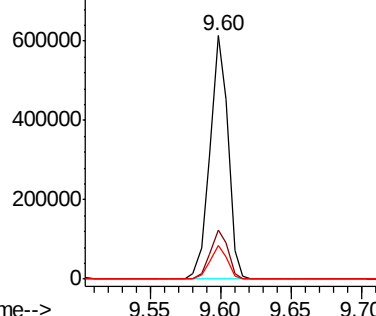
Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.3	24.5
153	13.7	10.7	16.1

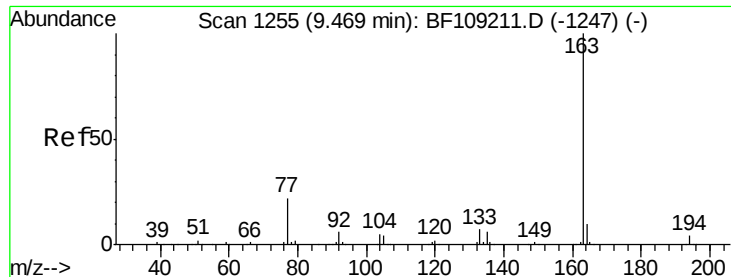
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





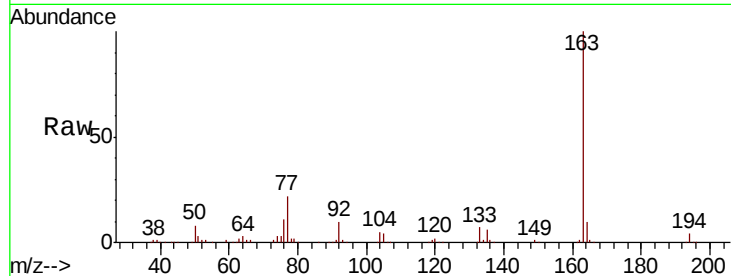
#49
Dimethylphthalate
Concen: 42.923 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF109479.D
Acq: 1 Oct 2018 18:12

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-042MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	498507		
194	3.9		2.7	4.1
164	10.2		8.2	12.2

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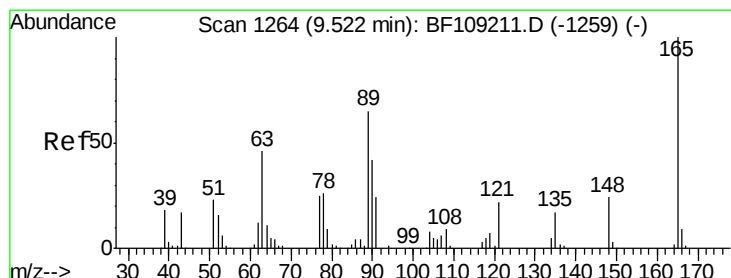
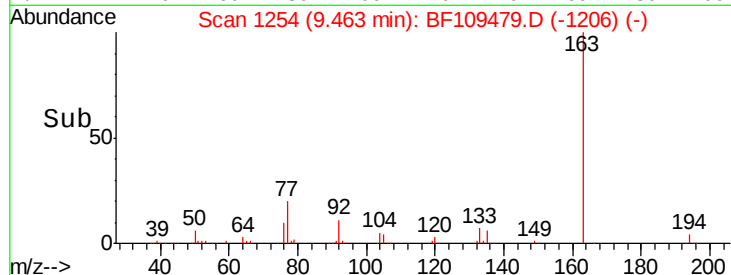
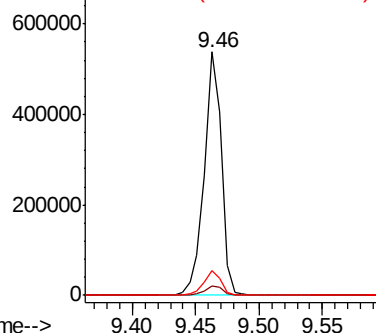


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 35.615 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BF109479.D
Acq: 1 Oct 2018 18:12

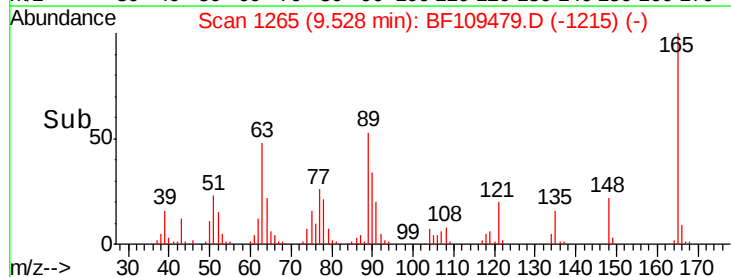
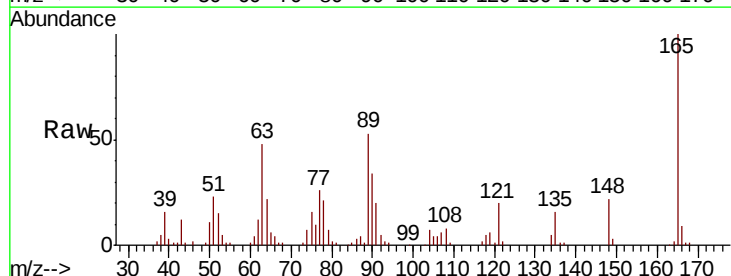
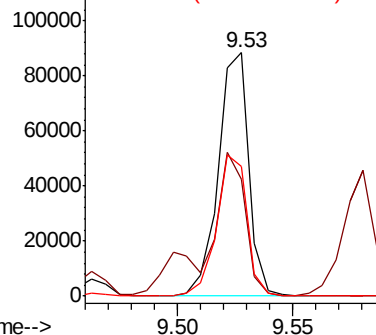
Tgt Ion	Ratio	Resp	Lower	Upper
165	100	81921		
63	48.0		44.7	67.1
89	53.2		44.0	66.0

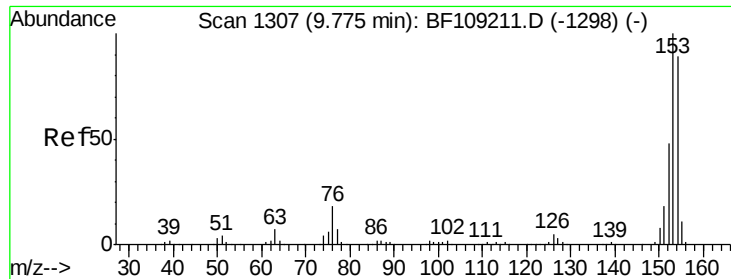
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





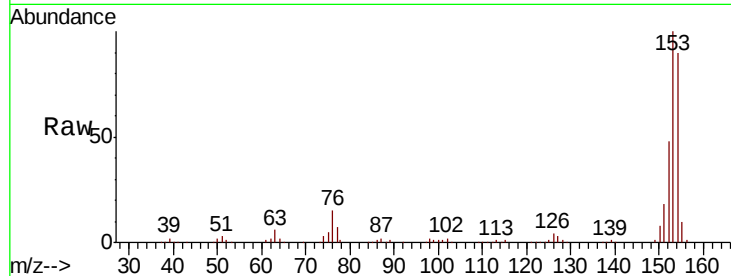
#51
Acenaphthene
Concen: 33.082 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF109479.D
Acq: 1 Oct 2018 18:12

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-042MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	111.2	91.2	136.8
152	53.9	43.8	65.8

Manual Integrations
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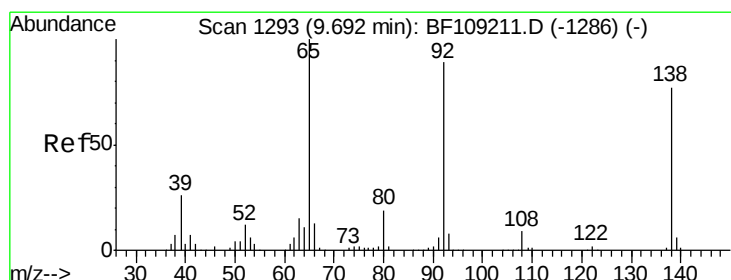
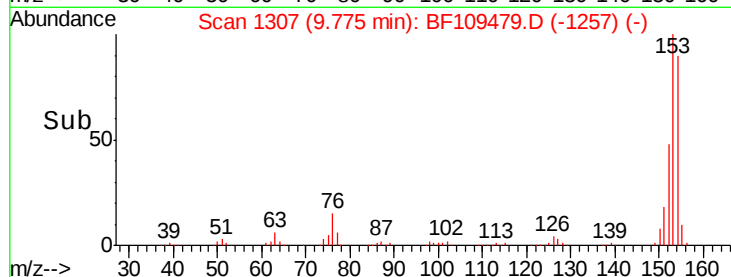
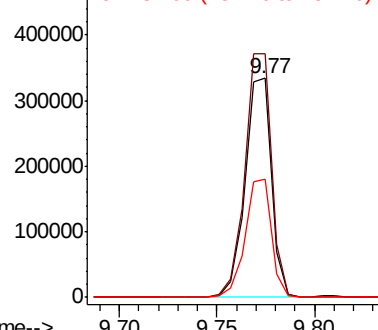


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52
3-Nitroaniline
Concen: 33.693 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF109479.D
Acq: 1 Oct 2018 18:12

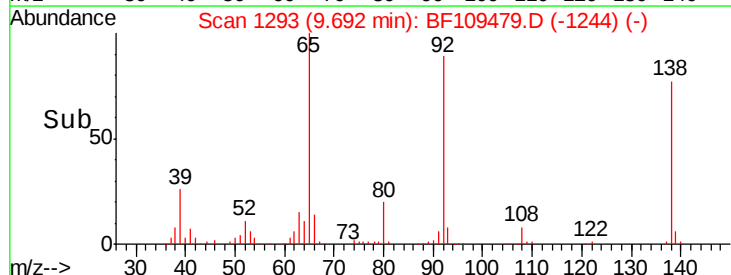
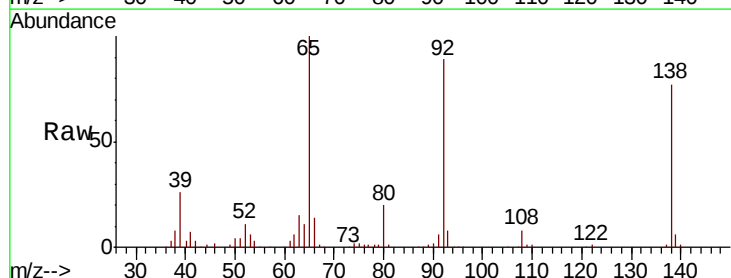
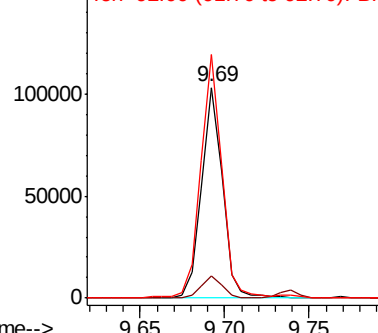
Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.7	9.4	14.0
92	115.4	89.4	134.2

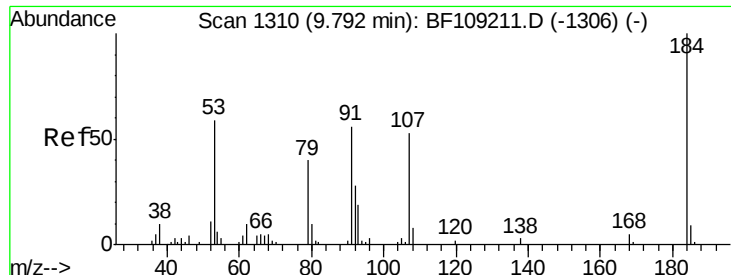
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





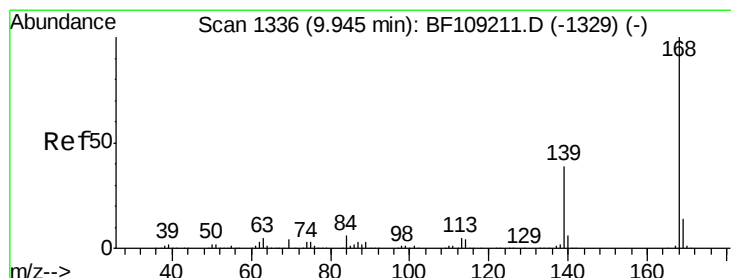
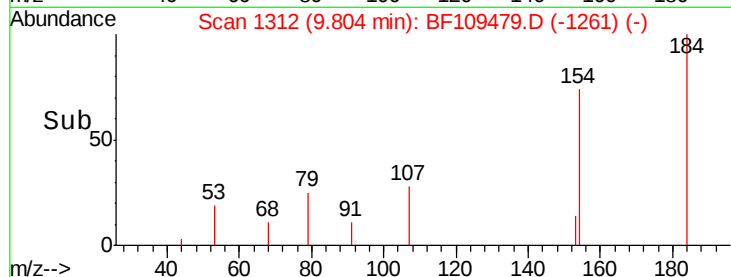
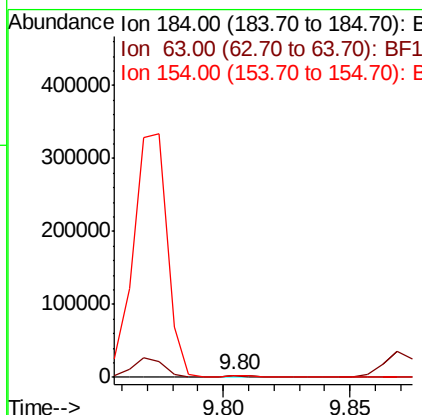
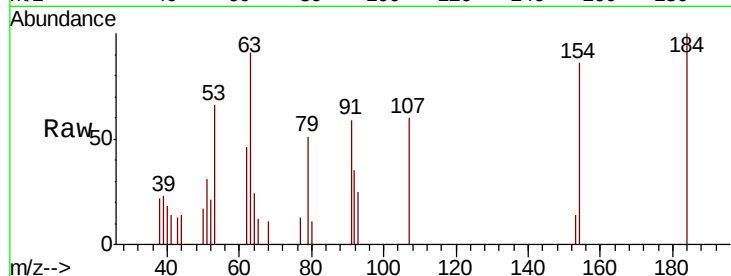
#53
2,4-Dinitrophenol
Concen: 12.159 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF109479.D
Acq: 1 Oct 2018 18:12

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-042MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	91.4	54.2	81.2#
154	86.4	184.0	276.0#

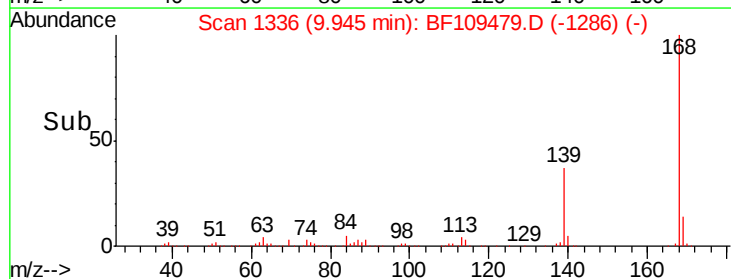
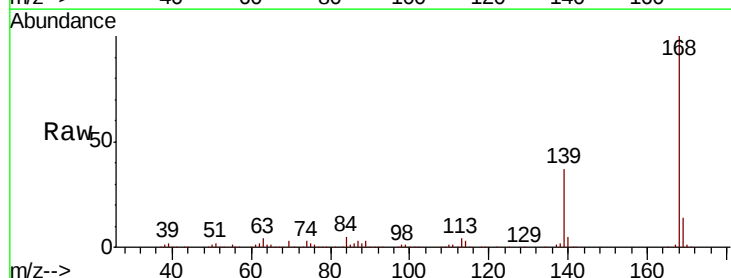
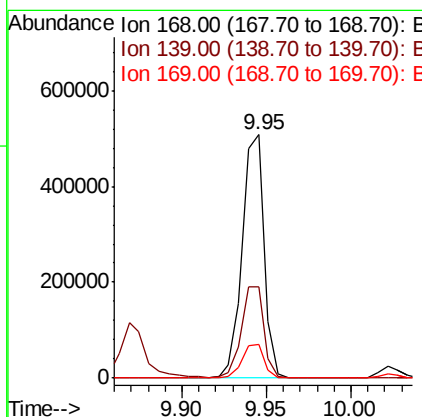
Manual Integrations
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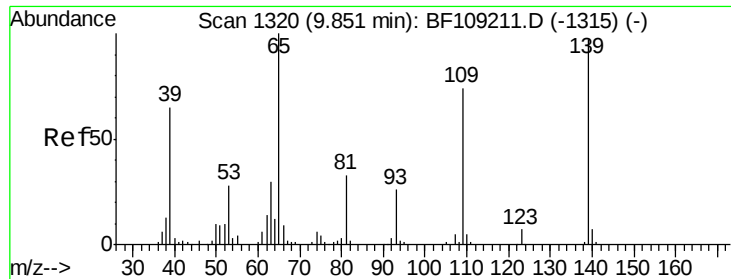
Sohil
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#54
Dibenzofuran
Concen: 32.730 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF109479.D
Acq: 1 Oct 2018 18:12

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.3	30.1	45.1
169	13.6	10.9	16.3





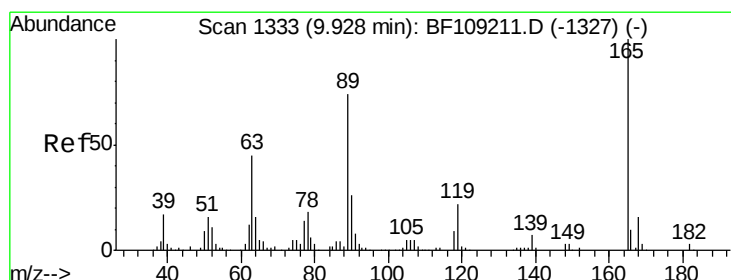
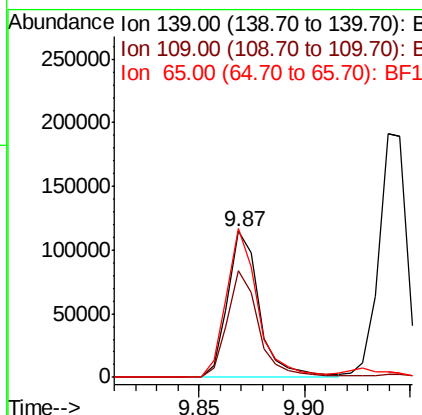
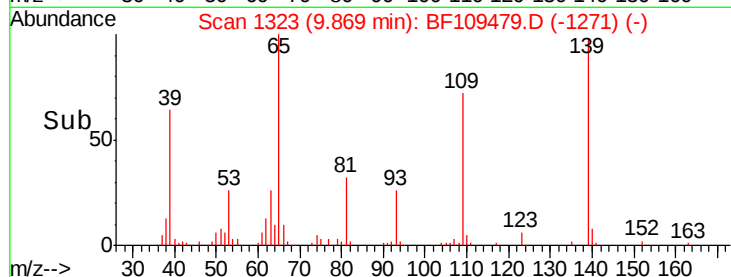
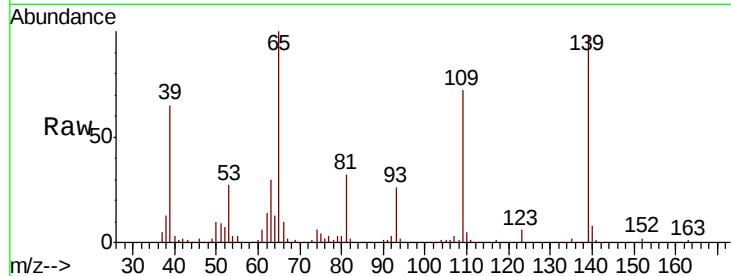
#55
4-Nitrophenol
Concen: 59.686 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BF109479.D
Acq: 1 Oct 2018 18:12

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-042MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	119770		
109	73.5	48.4	88.4	
65	102.3	72.6	112.6	

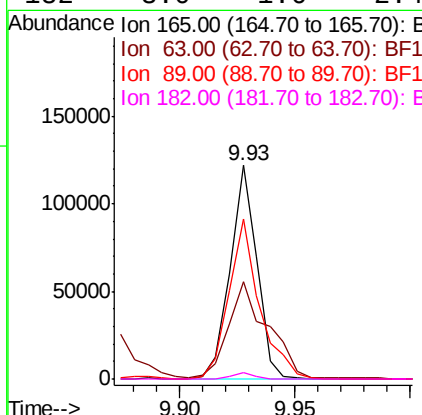
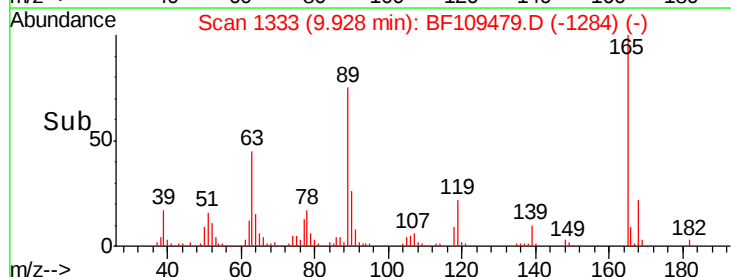
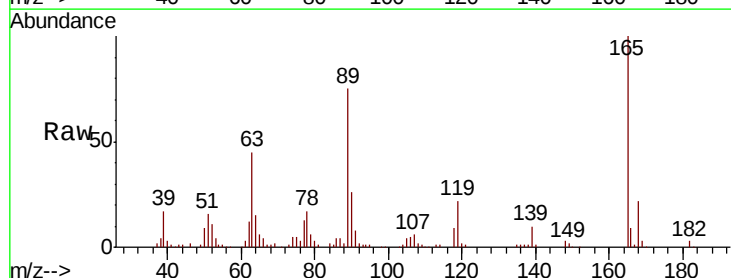
Manual Integrations
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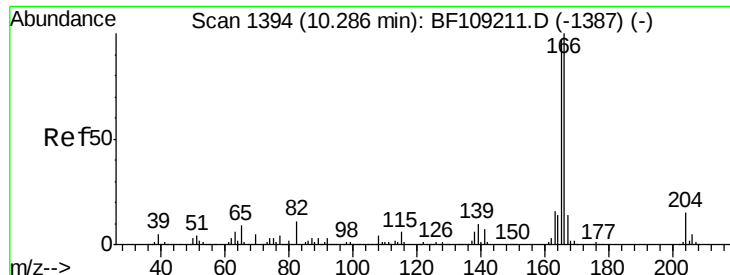
Sohil
10/2/2018 1:01:30 PM



#56
2,4-Dinitrotoluene
Concen: 33.703 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF109479.D
Acq: 1 Oct 2018 18:12

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	98089		
63	45.3	36.4	54.6	
89	74.6	57.8	86.6	
182	3.0	1.6	2.4	#





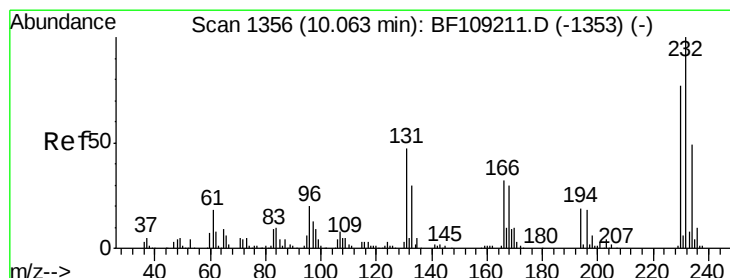
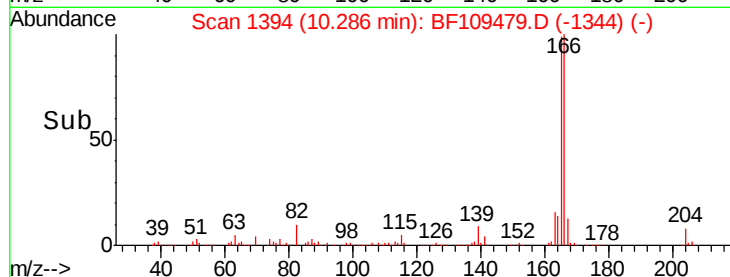
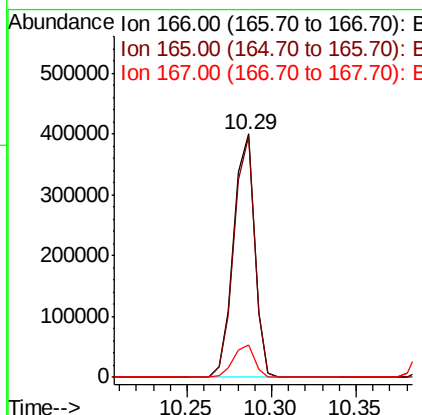
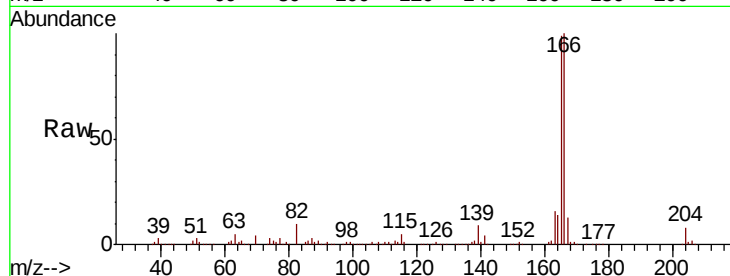
#57
 Fluorene
 Concen: 34.410 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109479.D
 Acq: 1 Oct 2018 18:12

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-042MSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.0	79.8	119.8
167	13.2	10.6	16.0

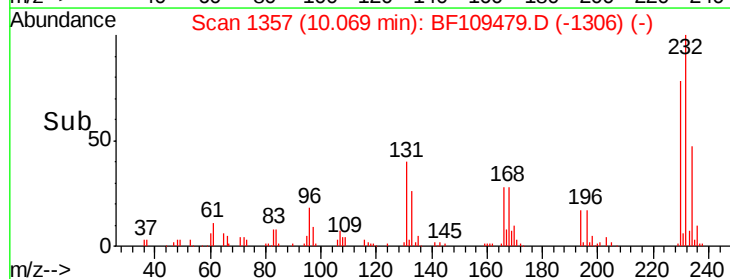
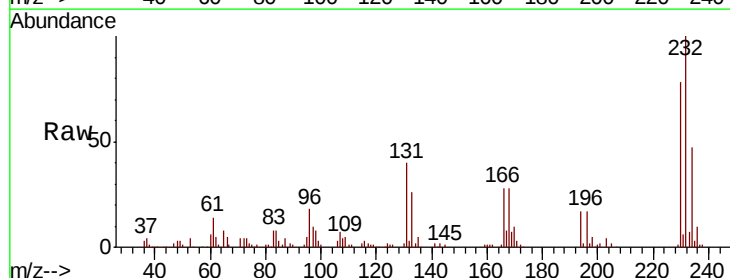
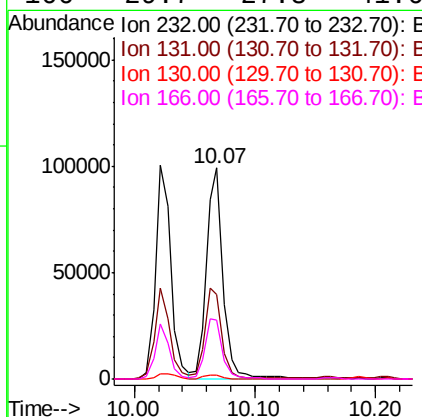
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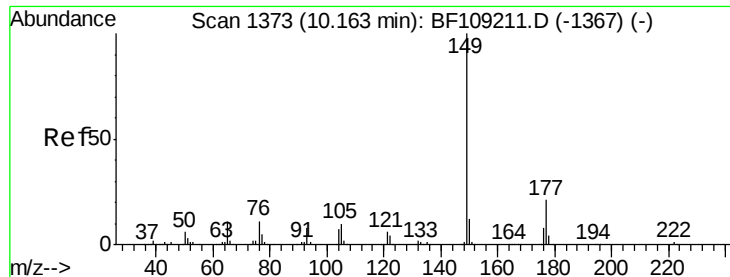
Sohil
 10/2/2018 1:01:30 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 34.934 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: BF109479.D
 Acq: 1 Oct 2018 18:12

Tgt Ion	Ratio	Lower	Upper
232	100		
131	43.0	43.8	65.8#
130	2.2	2.1	3.1
166	29.7	27.8	41.6





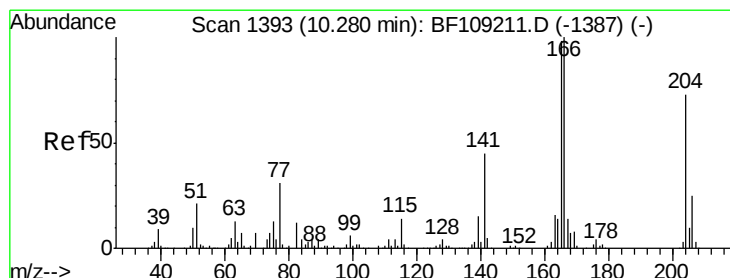
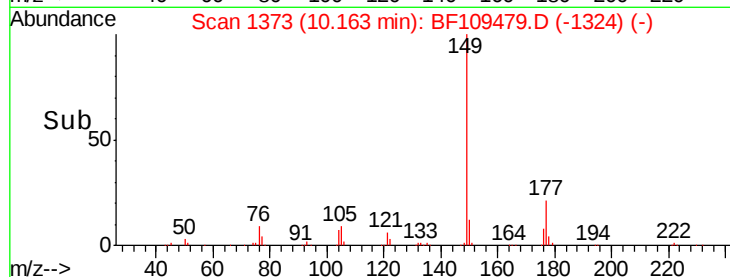
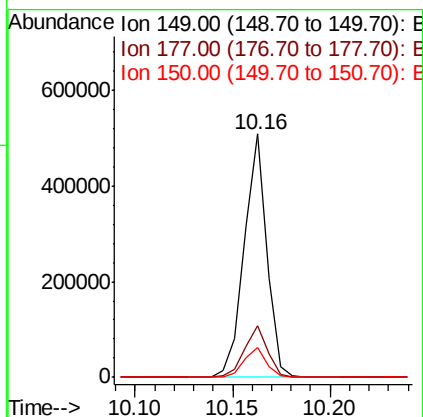
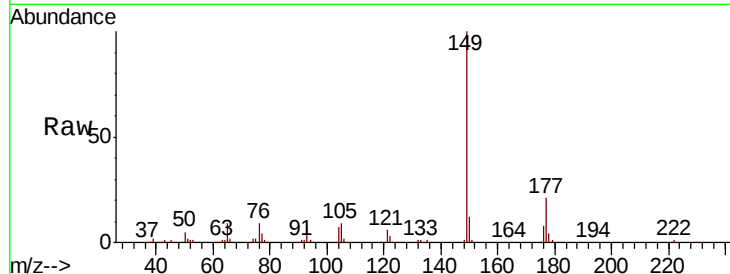
#59
Diethylphthalate
Concen: 34.691 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF109479.D
Acq: 1 Oct 2018 18:12

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-042MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.2	16.1	24.1
150	12.2	10.1	15.1

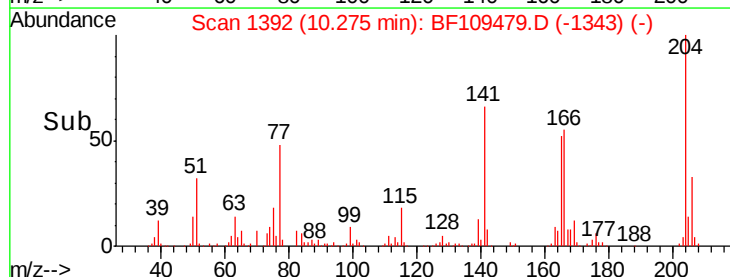
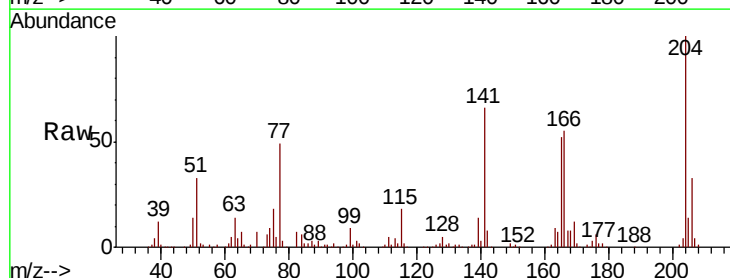
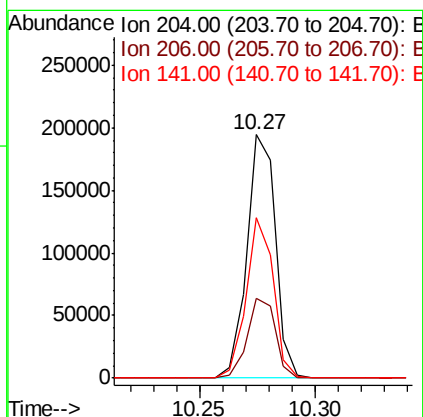
Manual Integrations
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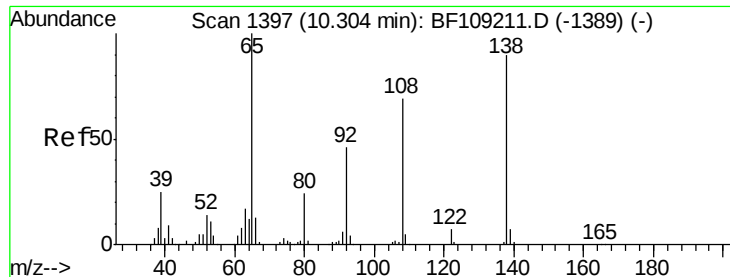
Sohil
10/2/2018 1:01:30 PM



#60
4-Chlorophenyl-phenylether
Concen: 32.167 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.01 min
Lab File: BF109479.D
Acq: 1 Oct 2018 18:12

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.5	39.7
141	66.0	54.6	81.8





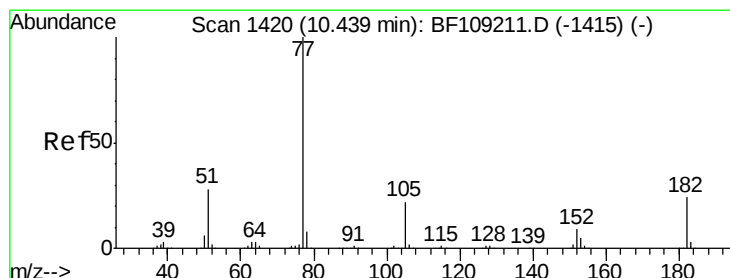
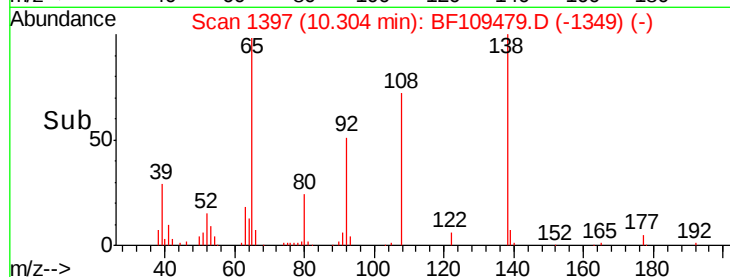
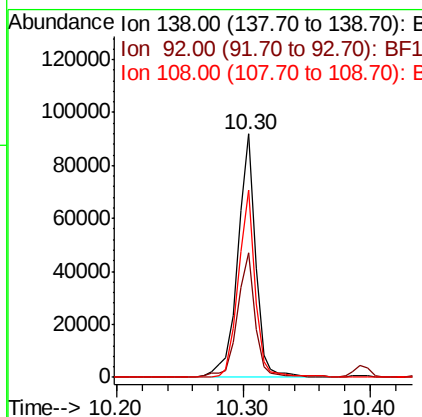
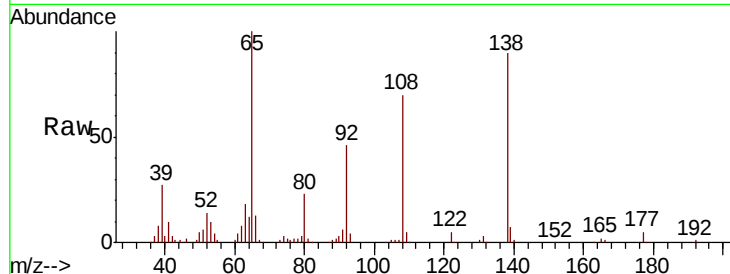
#61
4-Nitroaniline
Concen: 34.429 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.02 min
Lab File: BF109479.D
Acq: 1 Oct 2018 18:12

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-042MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	51.2	30.2	70.2
108	76.8	52.5	92.5

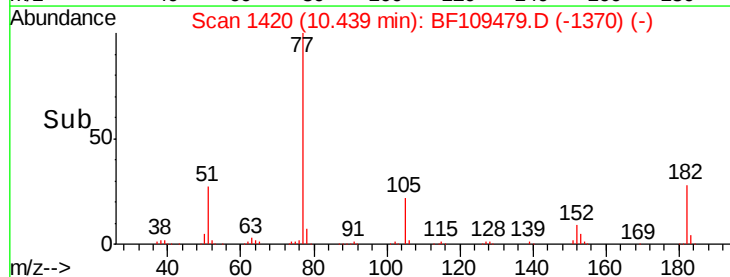
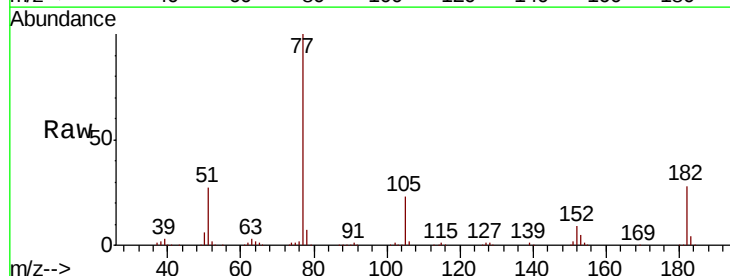
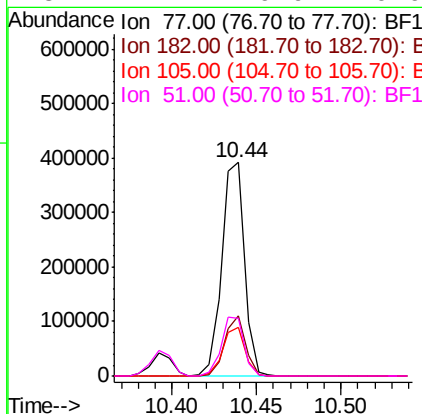
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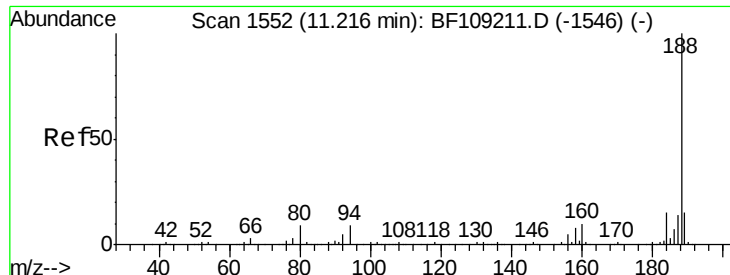
Sohil
10/2/2018 1:01:30 PM



#62
Azobenzene
Concen: 30.091 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF109479.D
Acq: 1 Oct 2018 18:12

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.4	1.7	41.7
105	22.7	3.0	43.0
51	27.2	9.9	49.9





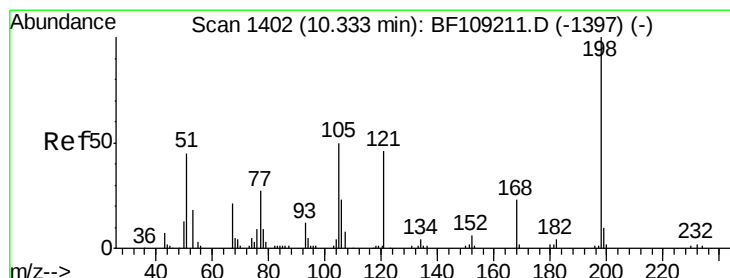
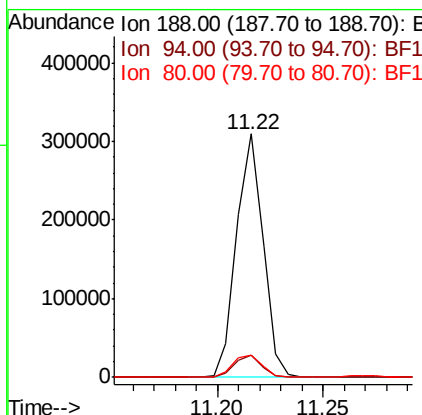
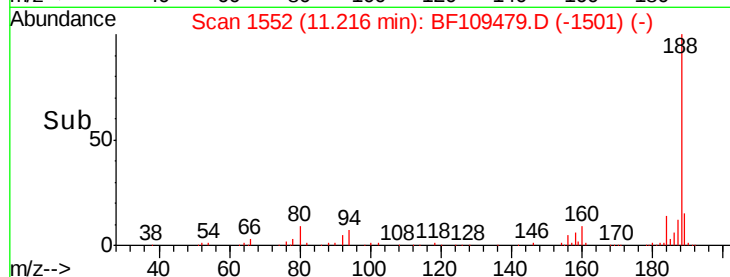
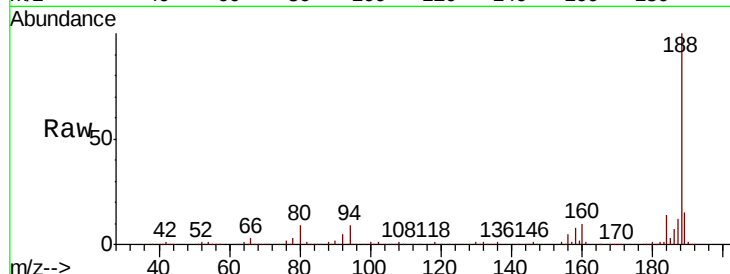
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF109479.D
Acq: 1 Oct 2018 18:12

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-042MSD

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.0	8.5	12.7
80	9.0	9.2	13.8#

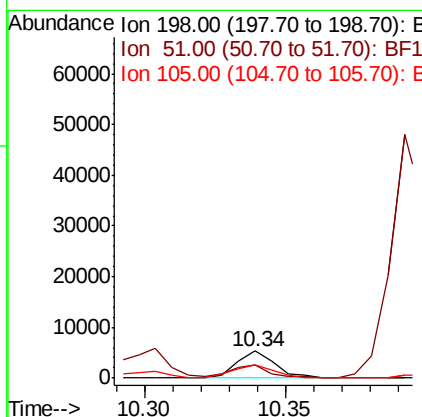
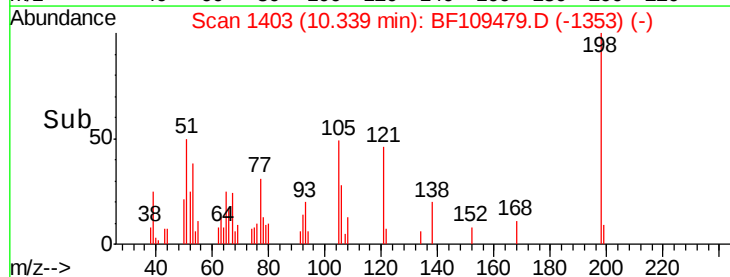
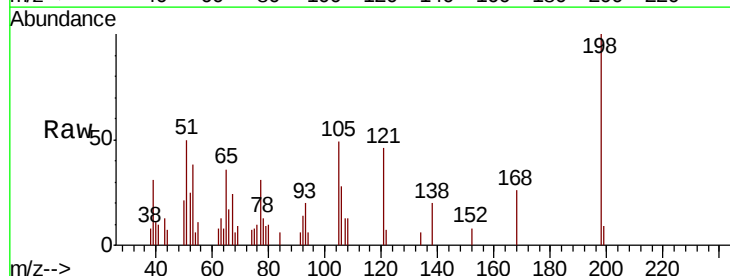
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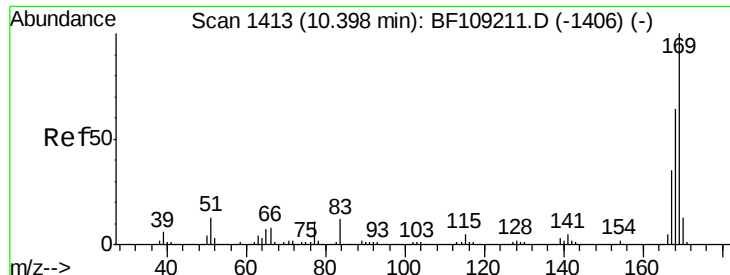
Sohil
10/2/2018 1:01:30 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 10.448 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF109479.D
Acq: 1 Oct 2018 18:12

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	49.5	37.7	77.7
105	49.2	36.3	76.3





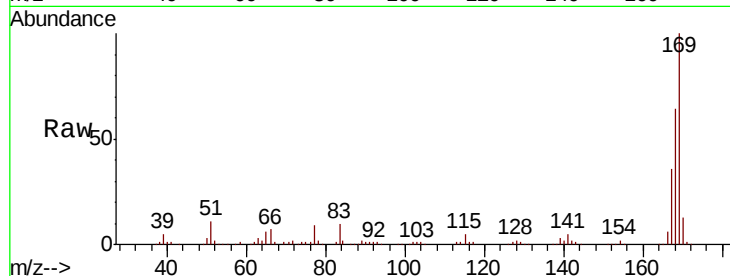
#65
n-Nitrosodiphenylamine
Concen: 36.402 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF109479.D
Acq: 1 Oct 2018 18:12

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-042MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	324794		
168	64.3		54.4	81.6
167	36.3		29.8	44.6

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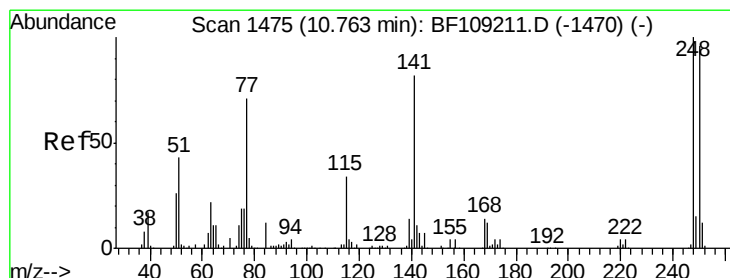
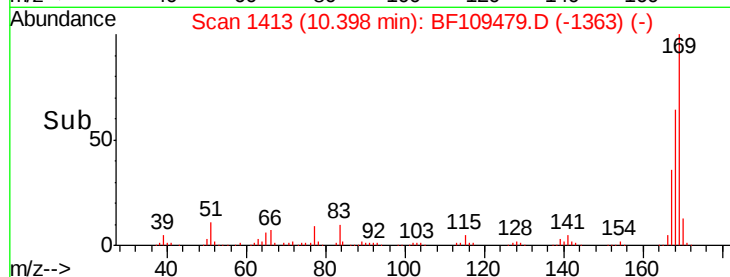
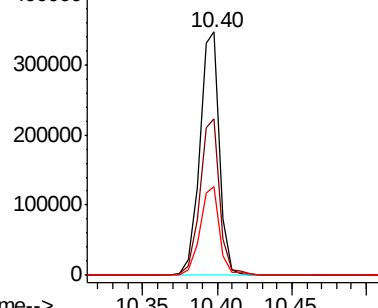


Abundance

Ion 169.00 (168.70 to 169.70): E

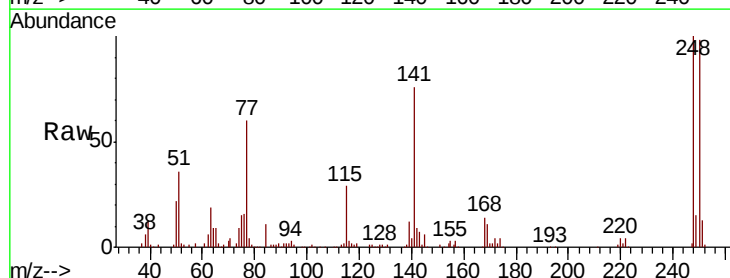
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66
4-Bromophenyl-phenylether
Concen: 34.904 ng
RT: 10.76 min Scan# 1475
Delta R.T. -0.01 min
Lab File: BF109479.D
Acq: 1 Oct 2018 18:12

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	104672		
250	97.6		76.9	115.3
141	76.2		74.4	111.6

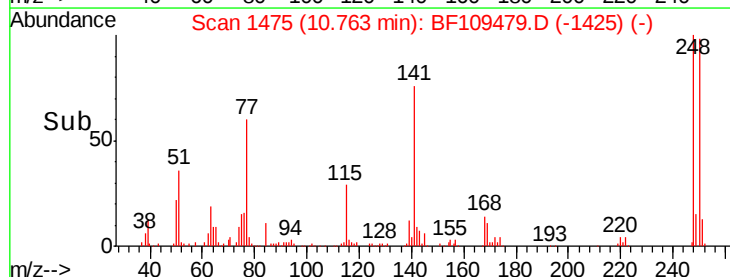
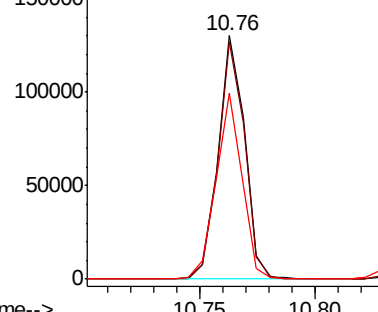


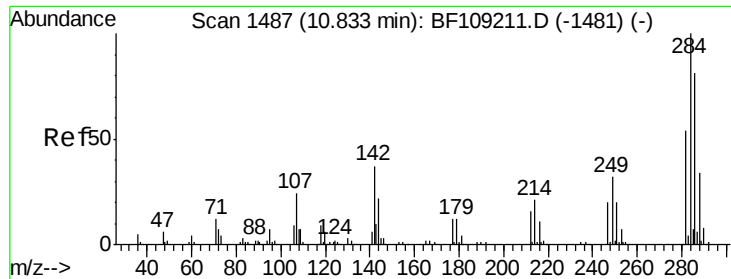
Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





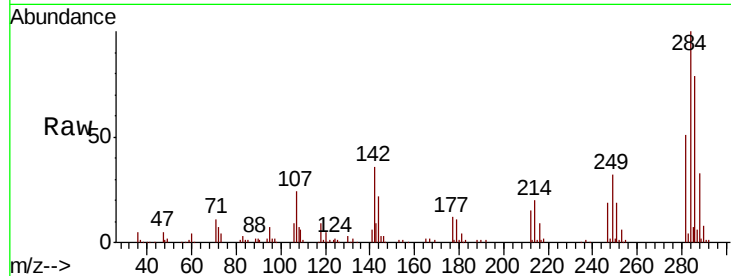
#67
Hexachlorobenzene
Concen: 34.295 ng
RT: 10.83 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BF109479.D
Acq: 1 Oct 2018 18:12

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-042MSD

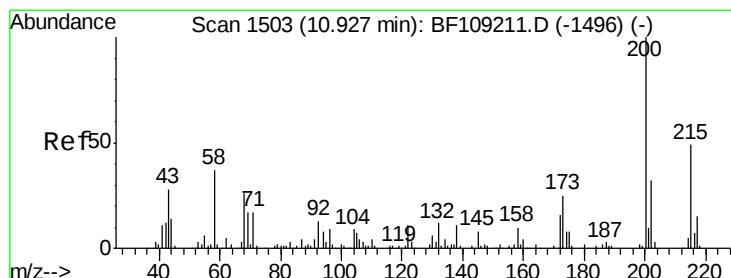
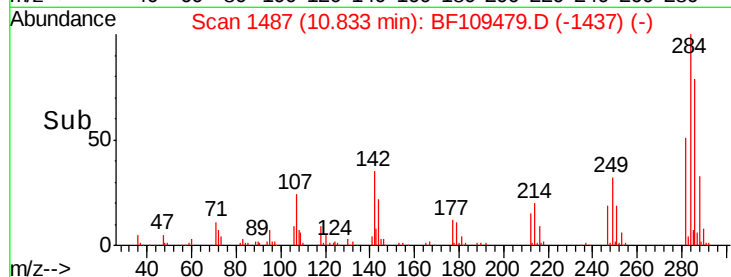
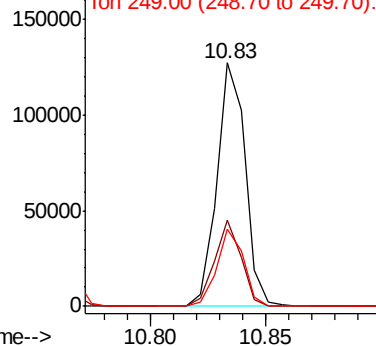
Tot Ion	Ratio	Resp	Lower	Upper
284	100	109229		
142	35.6		34.6	52.0
249	31.6		24.8	37.2

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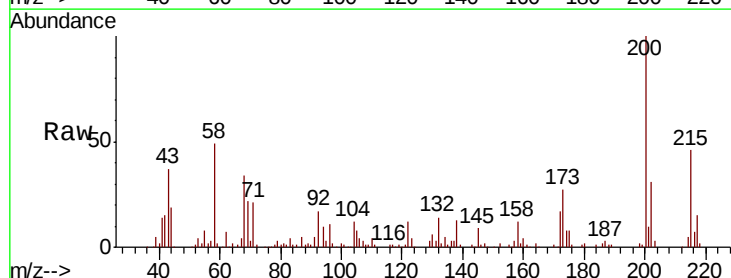


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

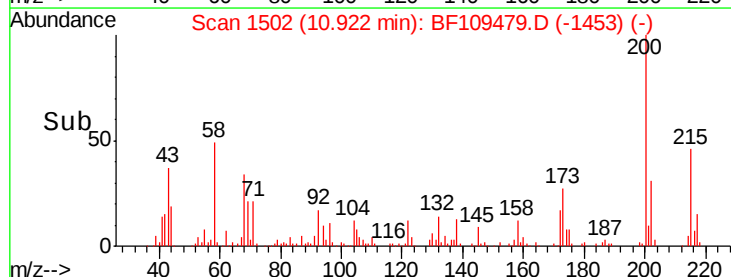
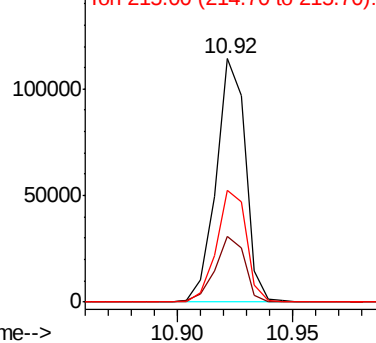


#68
Atrazine
Concen: 37.149 ng
RT: 10.92 min Scan# 1502
Delta R.T. -0.01 min
Lab File: BF109479.D
Acq: 1 Oct 2018 18:12

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	101942		
173	27.0		8.6	48.6
215	45.9		25.1	65.1



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





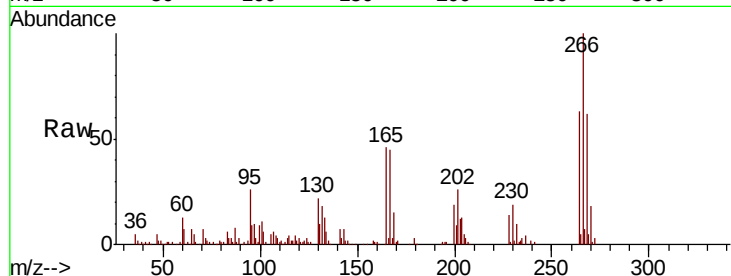
#69
 Pentachlorophenol
 Concen: 57.005 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. 0.00 min
 Lab File: BF109479.D
 Acq: 1 Oct 2018 18:12

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-042MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	61.7	51.1	76.7	
264	63.3	49.5	74.3	

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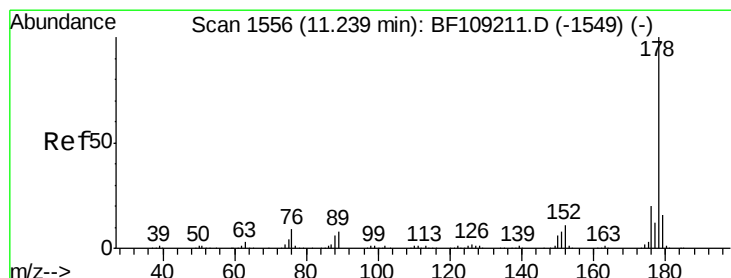
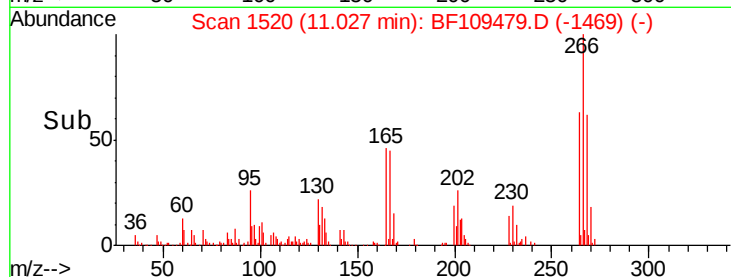
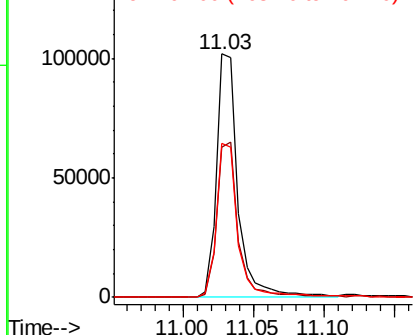


Abundance

Ion 265.70 (265.40 to 266.40): E

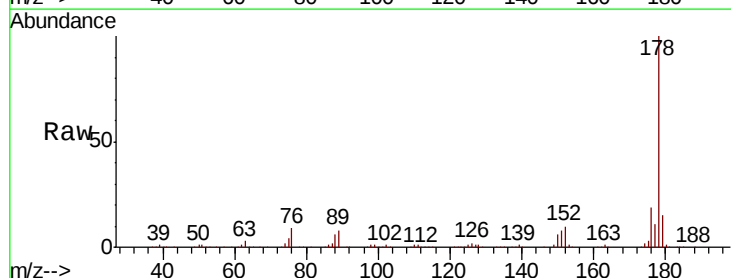
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 35.400 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF109479.D
 Acq: 1 Oct 2018 18:12

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	19.2	15.8	23.8	
179	15.4	13.0	19.6	

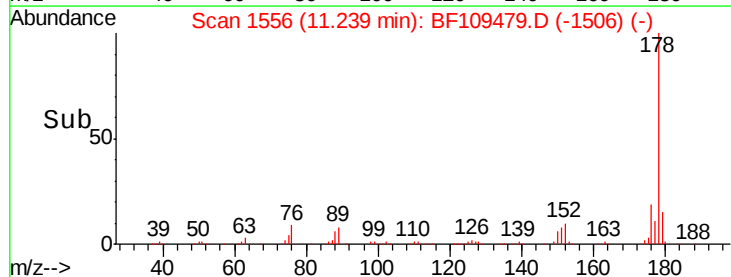
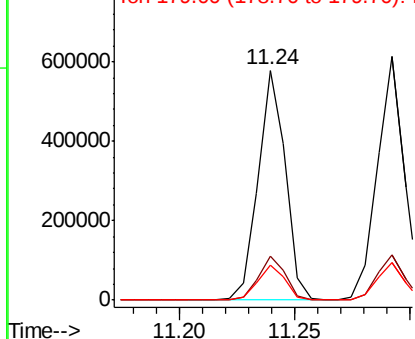


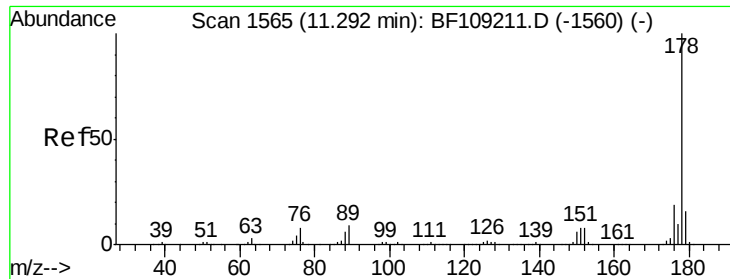
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





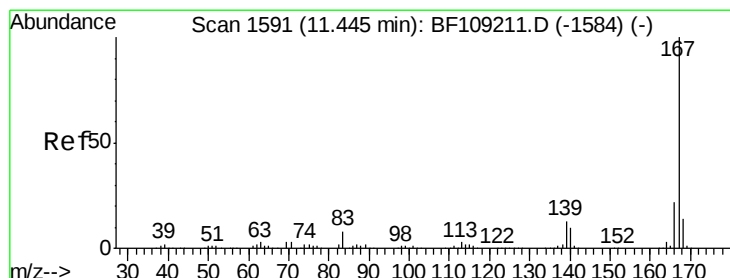
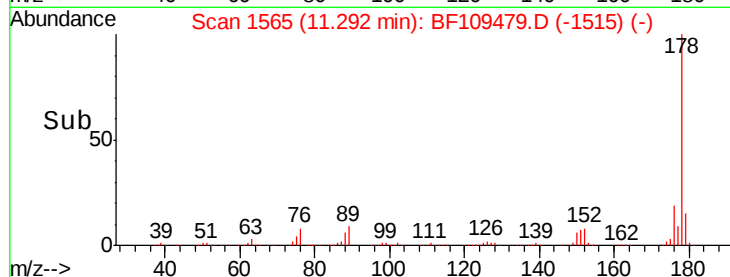
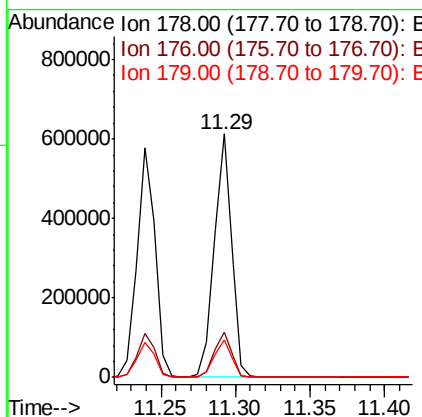
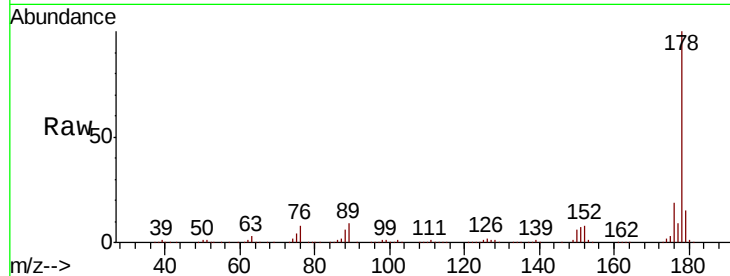
#71
 Anthracene
 Concen: 36.322 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF109479.D
 Acq: 1 Oct 2018 18:12

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-042MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	15.4	12.6	19.0

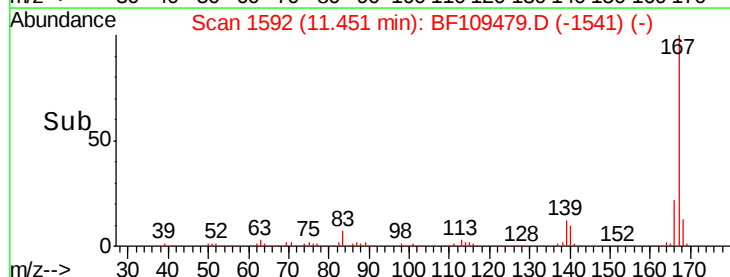
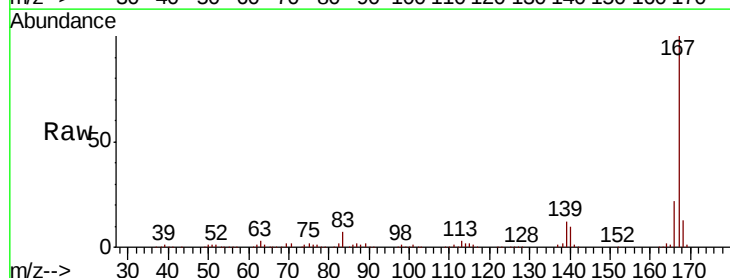
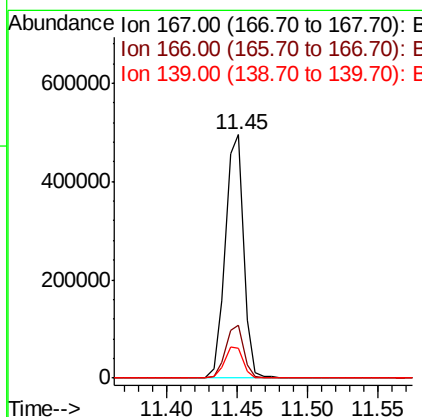
Manual Integrations
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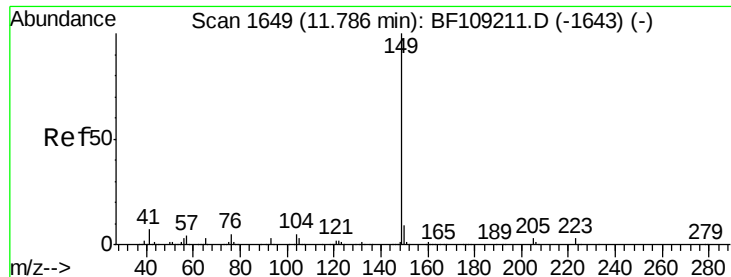
Sohil
 10/2/2018 1:01:30 PM



#72
 Carbazole
 Concen: 32.968 ng
 RT: 11.45 min Scan# 1592
 Delta R.T. 0.00 min
 Lab File: BF109479.D
 Acq: 1 Oct 2018 18:12

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.6	26.4
139	12.3	10.9	16.3





#73

Di-n-butylphthalate

Concen: 36.702 ng

RT: 11.78 min Scan# 1648

Delta R.T. -0.01 min

Lab File: BF109479.D

Acq: 1 Oct 2018 18:12

Instrument :

BNA_F

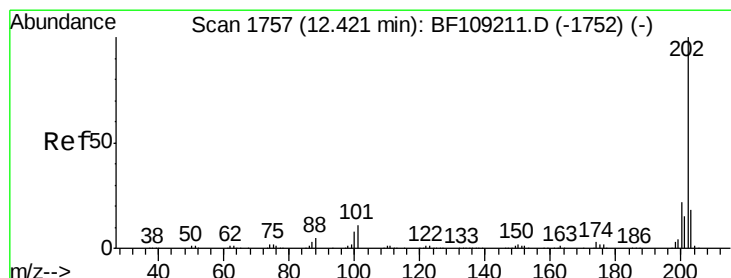
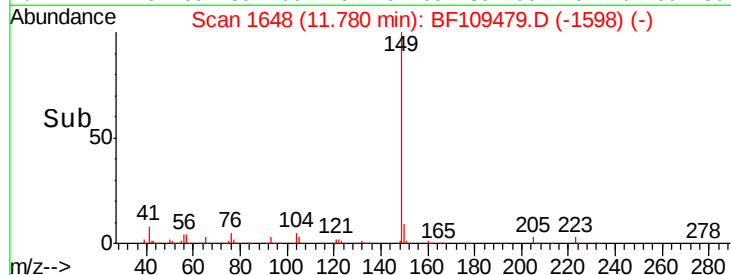
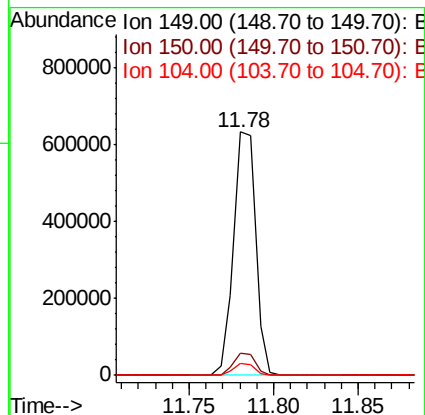
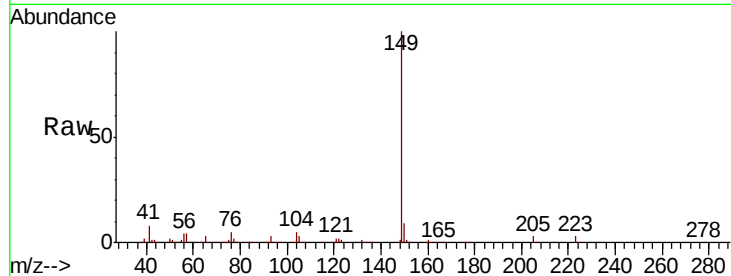
ClientSampleId :

FK-PS-01-042MSD

Tot Ion:	149	Resp:	574921
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.8	11.6
104	5.0	3.8	5.8

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#74

Fluoranthene

Concen: 35.891 ng

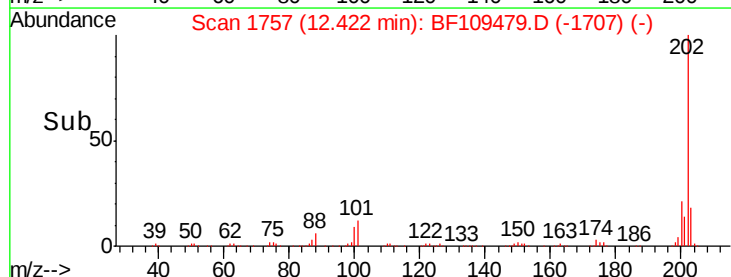
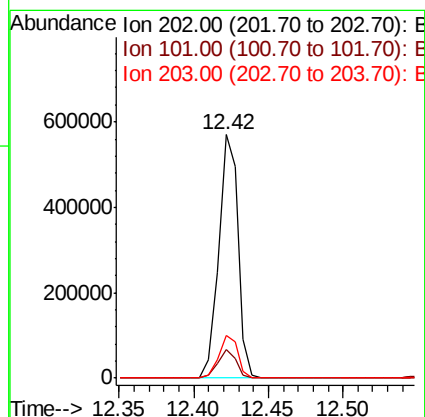
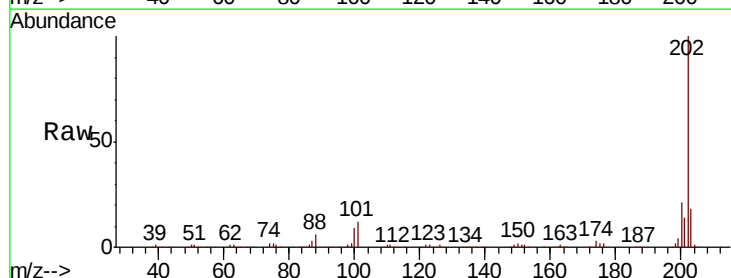
RT: 12.42 min Scan# 1757

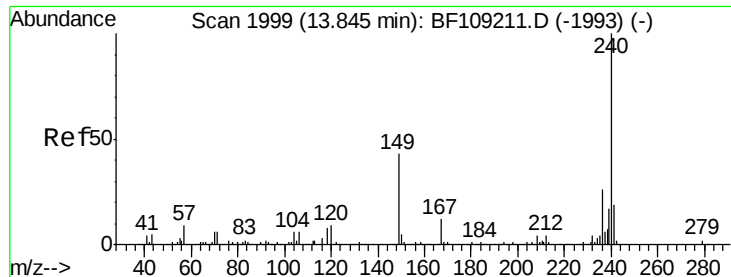
Delta R.T. -0.01 min

Lab File: BF109479.D

Acq: 1 Oct 2018 18:12

Tgt Ion:	202	Resp:	517177
Ion Ratio	Lower	Upper	
202	100		
101	11.5	0.0	34.1
203	17.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1999

Delta R.T. 0.00 min

Lab File: BF109479.D

Acq: 1 Oct 2018 18:12

Instrument :

BNA_F

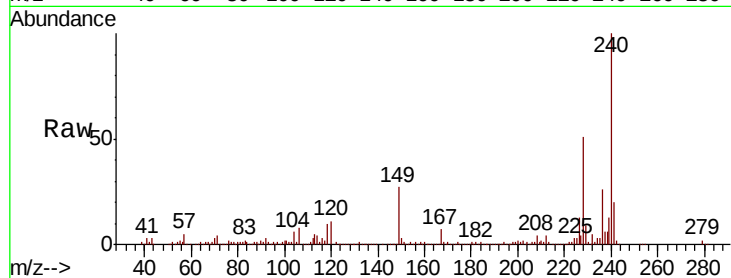
ClientSampleId :

FK-PS-01-042MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.5	14.3
236	25.8	20.7	31.1

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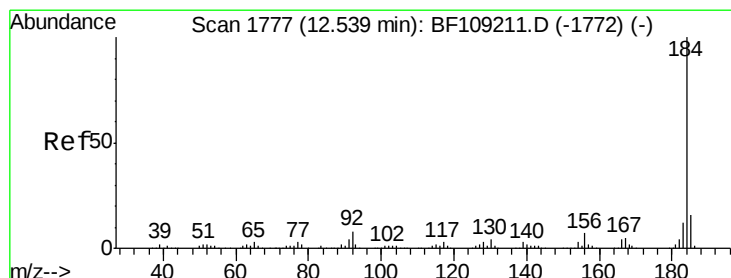
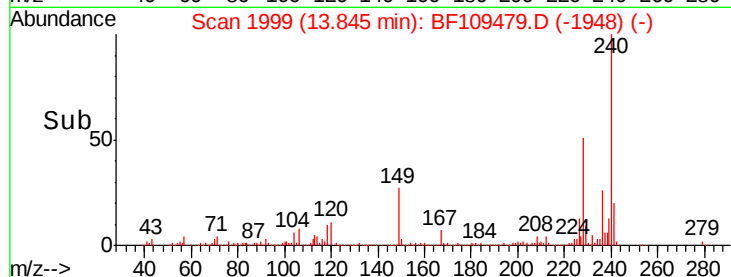
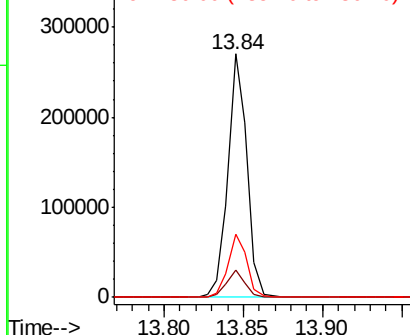


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 51.751 ng

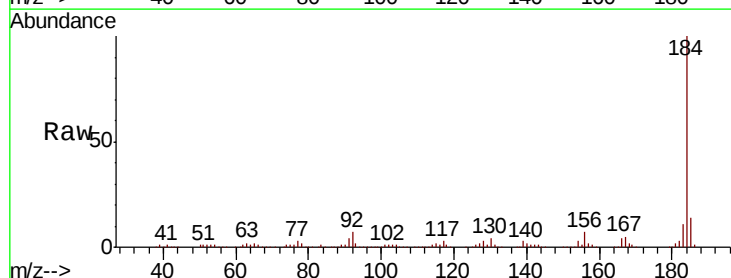
RT: 12.55 min Scan# 1779

Delta R.T. 0.01 min

Lab File: BF109479.D

Acq: 1 Oct 2018 18:12

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.0	12.6	18.8
183	11.2	9.3	13.9

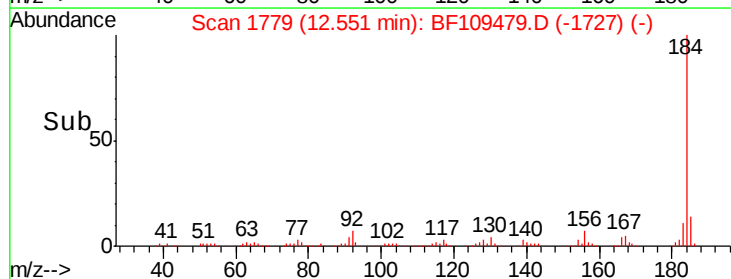
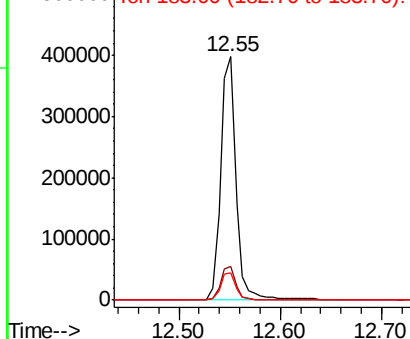


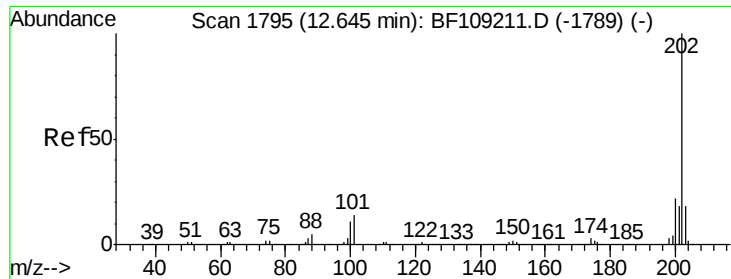
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





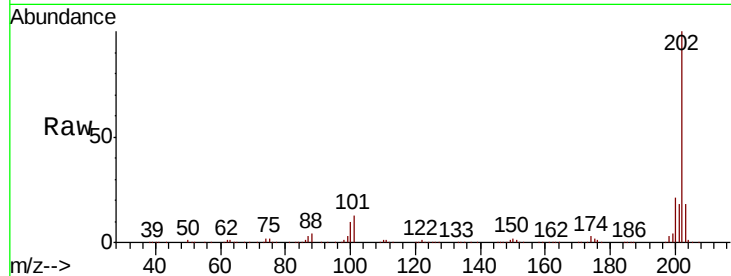
#77
Pvrene
Concen: 32.437 ng
RT: 12.65 min Scan# 1796
Delta R.T. -0.01 min
Lab File: BF109479.D
Acq: 1 Oct 2018 18:12

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-042MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.2
203	17.8	14.3	21.5

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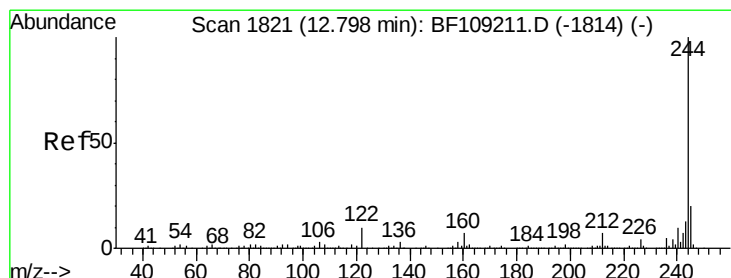
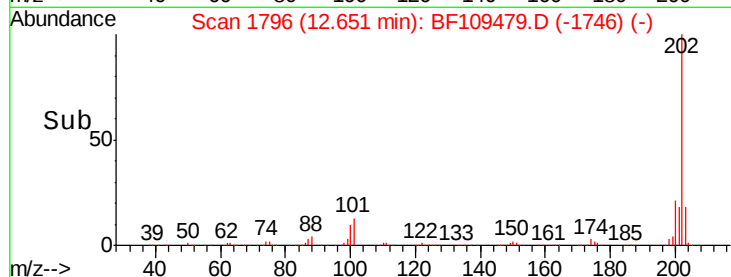
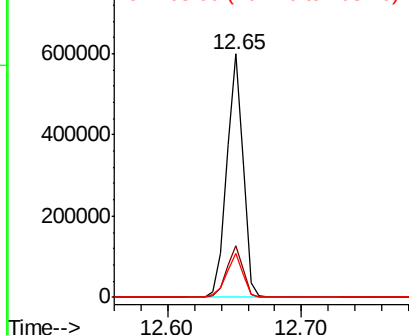


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 73.096 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF109479.D
Acq: 1 Oct 2018 18:12

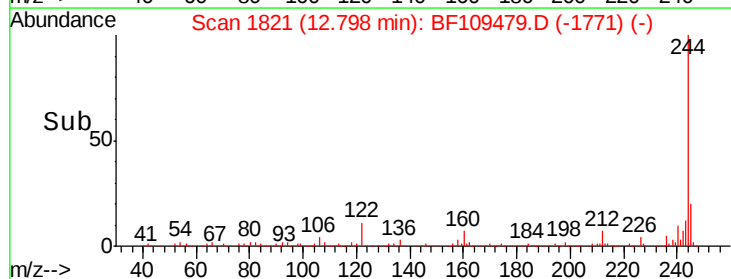
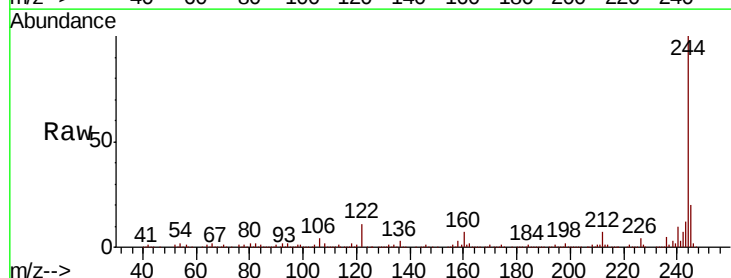
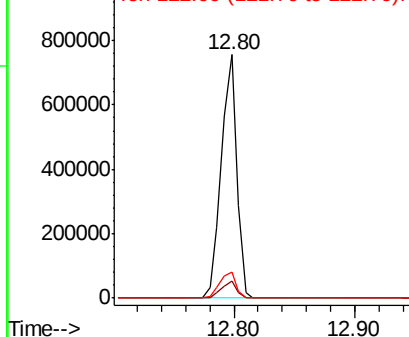
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	10.6	11.0	16.4

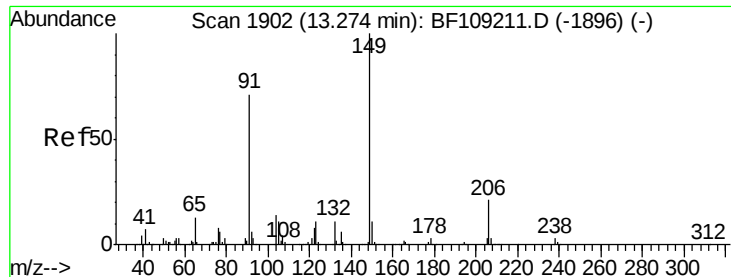
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





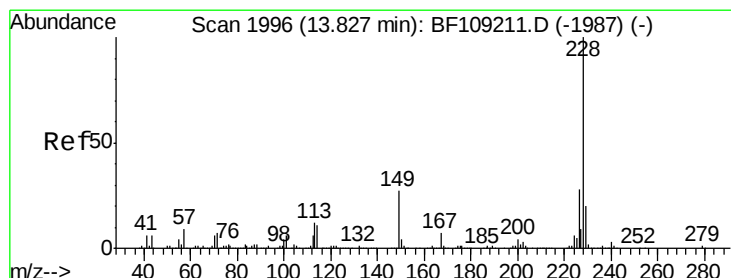
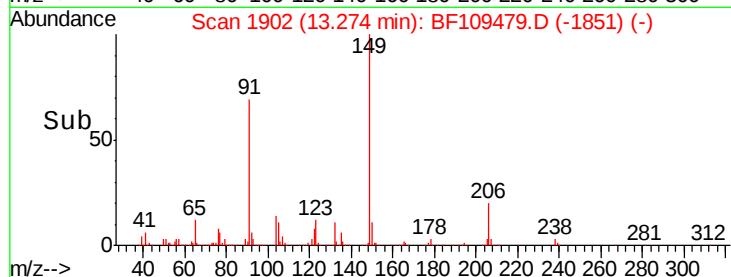
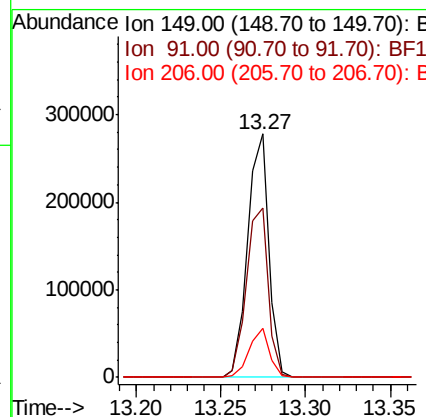
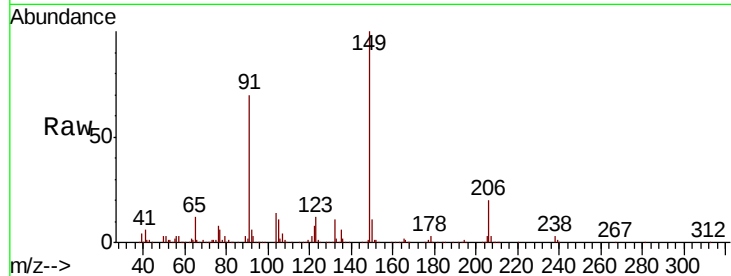
#79
Butylbenzylphthalate
Concen: 35.620 ng
RT: 13.27 min Scan# 1902
Delta R.T. 0.00 min
Lab File: BF109479.D
Acq: 1 Oct 2018 18:12

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-042MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	69.6	56.8	85.2
206	20.2	14.1	21.1

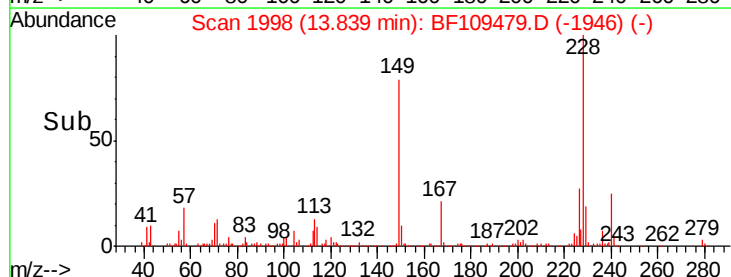
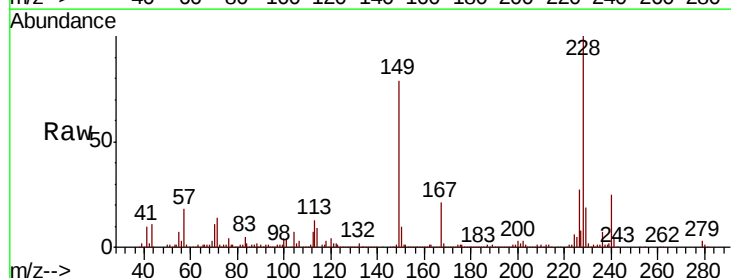
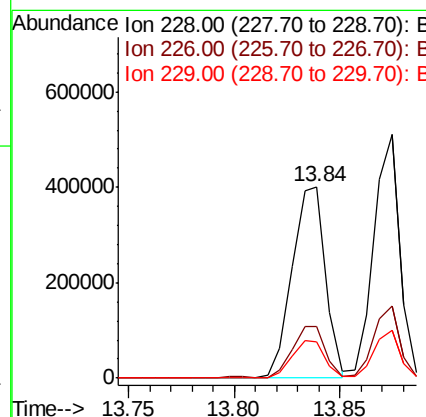
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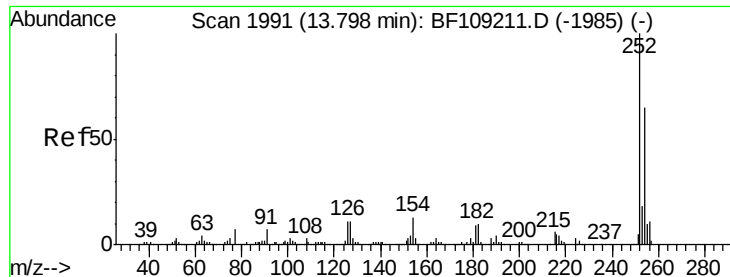
Sohil
10/2/2018 1:01:30 PM



#80
Benzo(a)anthracene
Concen: 32.777 ng
RT: 13.84 min Scan# 1998
Delta R.T. 0.01 min
Lab File: BF109479.D
Acq: 1 Oct 2018 18:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.6	33.8
229	19.2	15.8	23.6





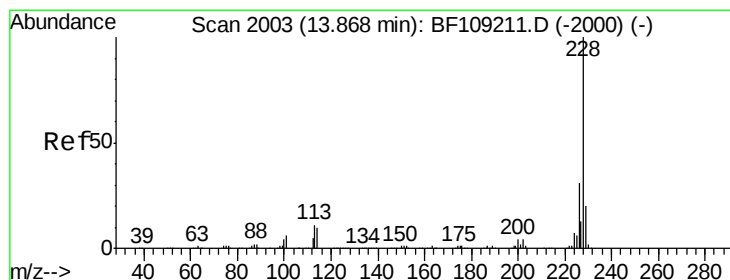
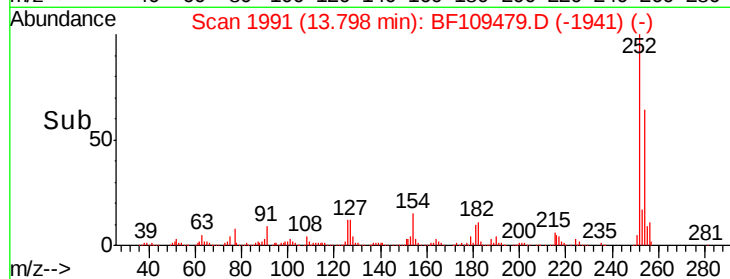
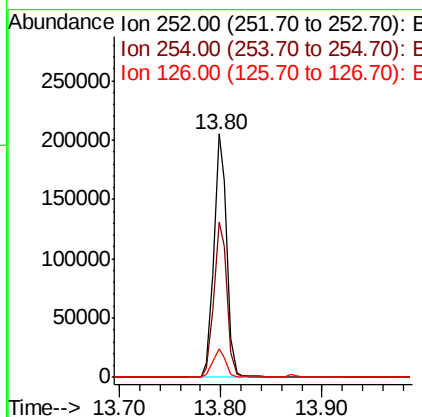
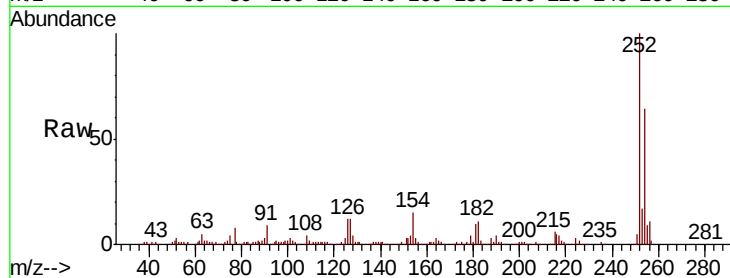
#81
 3,3'-Dichlorobenzidine
 Concen: 35.622 ng
 RT: 13.80 min Scan# 1991
 Delta R.T. -0.01 min
 Lab File: BF109479.D
 Acq: 1 Oct 2018 18:12

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-042MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.8	50.4	75.6
126	11.8	11.3	16.9

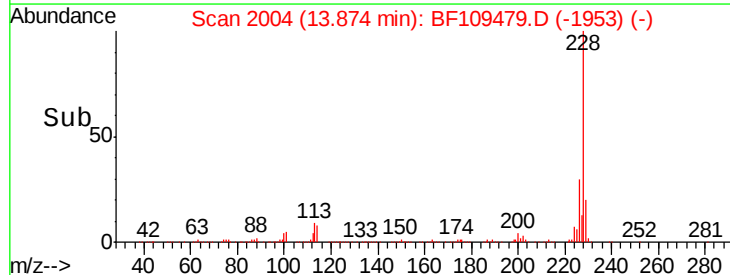
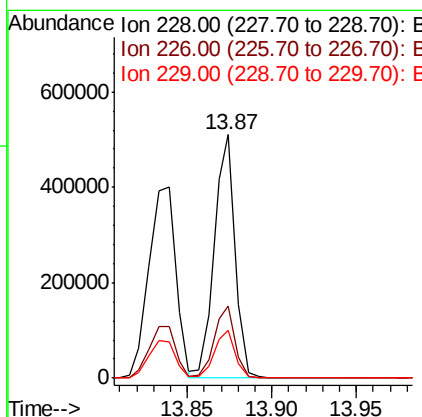
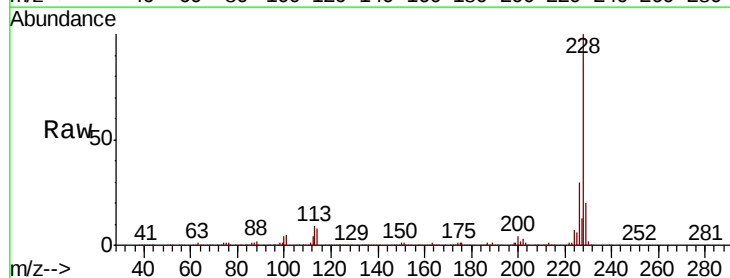
Manual Integrations
 APPROVED

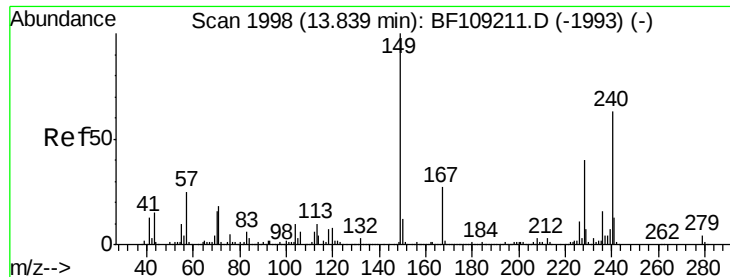
Sohil
 10/2/2018 1:01:30 PM



#82
 Chrysene
 Concen: 32.859 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. 0.00 min
 Lab File: BF109479.D
 Acq: 1 Oct 2018 18:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.0	37.6
229	19.6	16.2	24.4





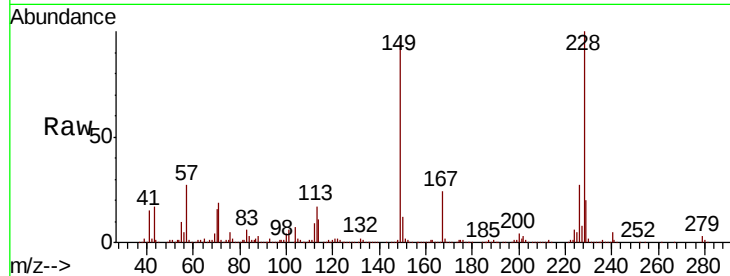
#83
Bis(2-ethylhexyl)phthalate
Concen: 37.880 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF109479.D
Acq: 1 Oct 2018 18:12

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-042MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.2	21.3	31.9
279	3.4	3.0	4.4

Manual Integrations
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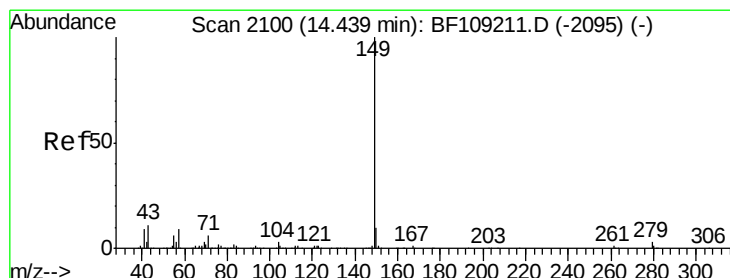
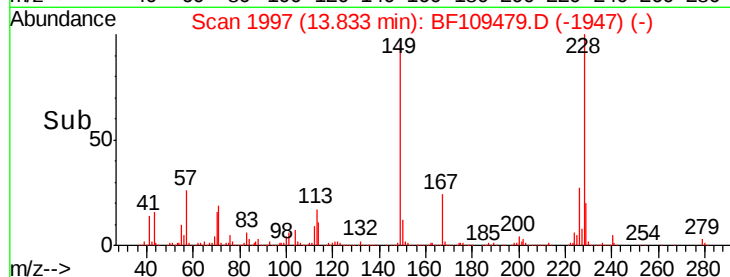
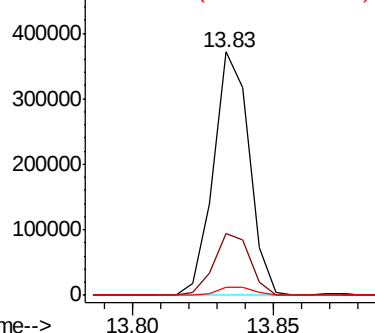


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84
Di-n-octyl phthalate
Concen: 38.969 ng
RT: 14.44 min Scan# 2100
Delta R.T. -0.01 min
Lab File: BF109479.D
Acq: 1 Oct 2018 18:12

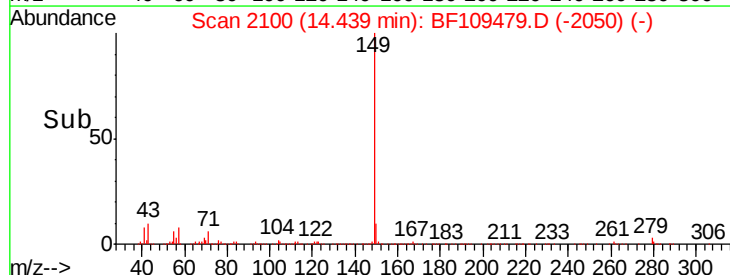
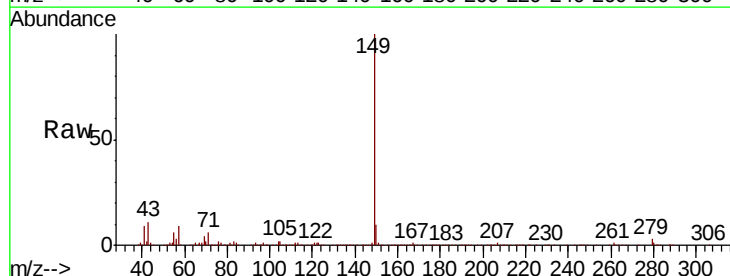
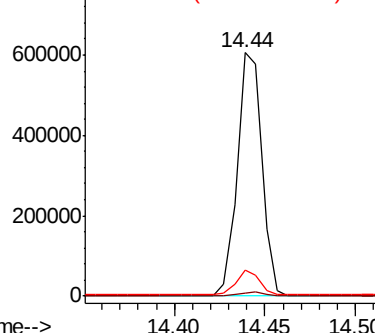
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.8	8.4	12.6

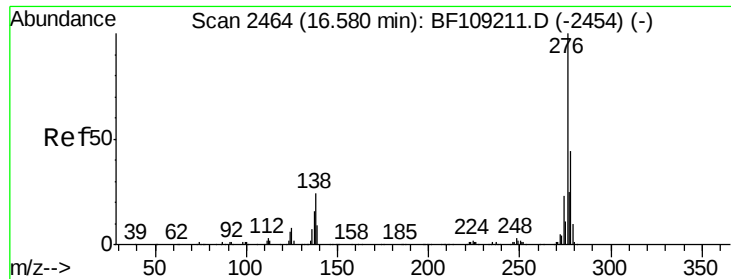
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





#85

Indeno(1,2,3-cd)pyrene

Concen: 28.020 ng

RT: 16.60 min Scan# 2468

Delta R.T. 0.01 min

Lab File: BF109479.D

Acq: 1 Oct 2018 18:12

Instrument :

BNA_F

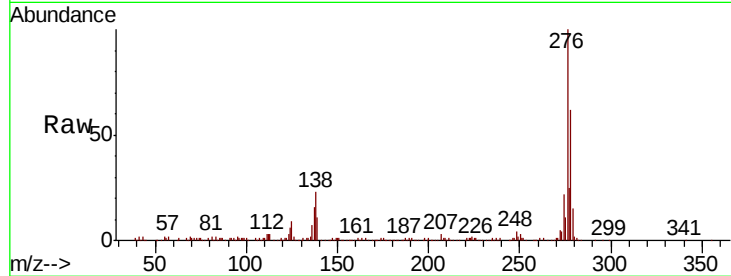
ClientSampleId :

FK-PS-01-042MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.3	25.0	37.6#
277	25.1	20.1	30.1

Manual Integrations
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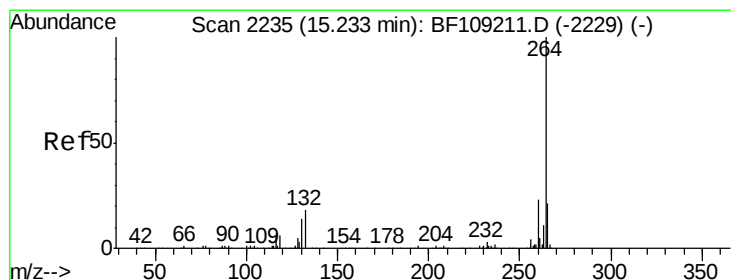
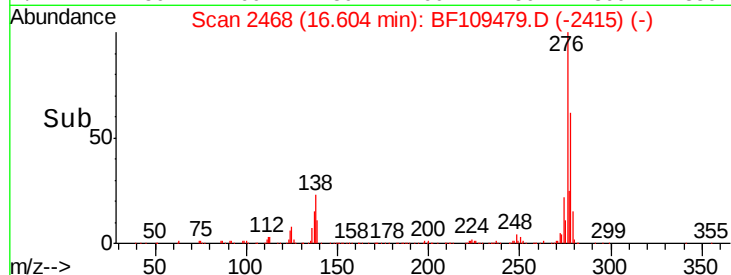
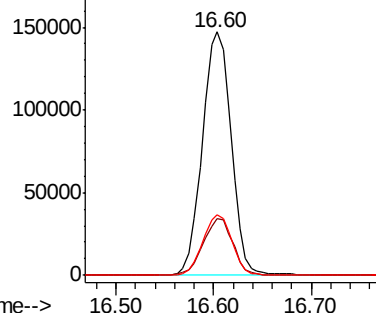


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.24 min Scan# 2237

Delta R.T. 0.01 min

Lab File: BF109479.D

Acq: 1 Oct 2018 18:12

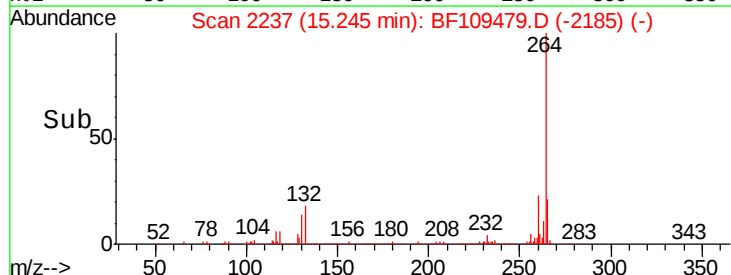
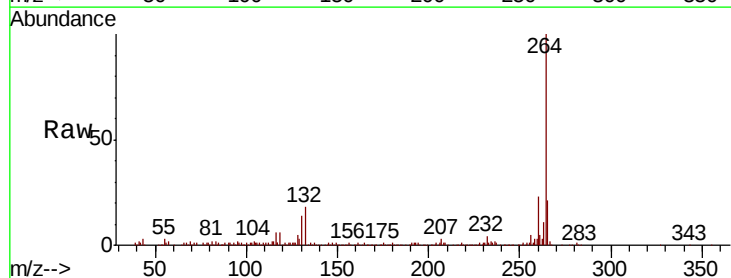
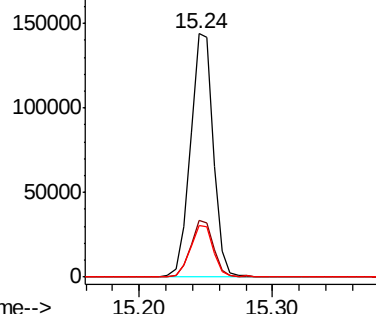
Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.3	17.5	26.3

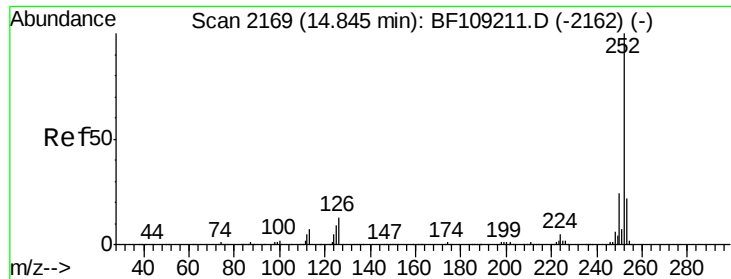
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 35.713 ng

RT: 14.85 min Scan# 2170

Delta R.T. 0.00 min

Lab File: BF109479.D

Acq: 1 Oct 2018 18:12

Instrument :

BNA_F

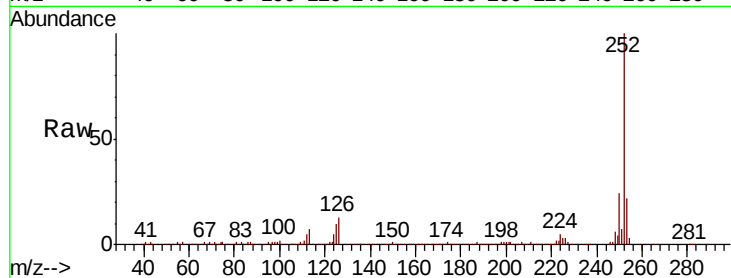
ClientSampleId :

FK-PS-01-042MSD

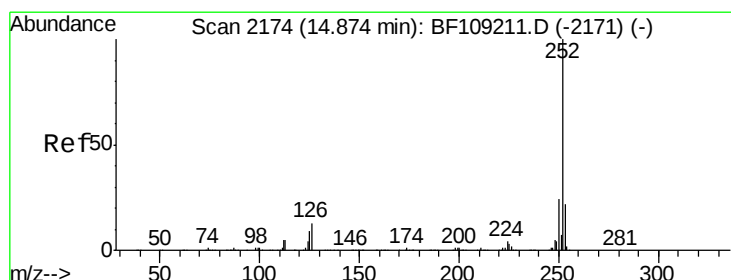
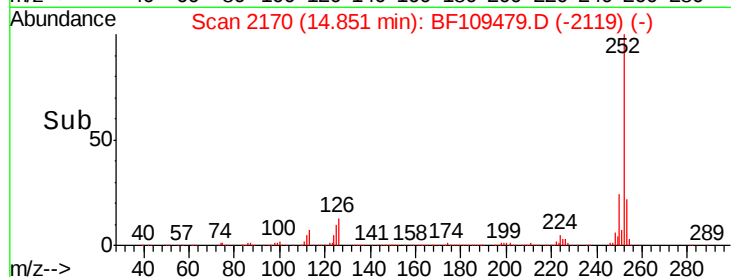
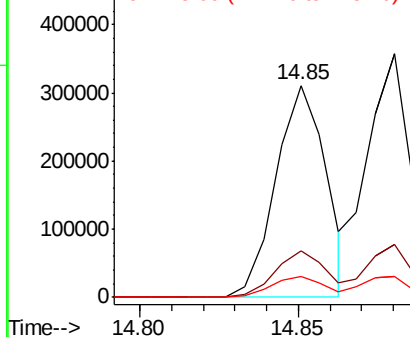
Tot Ion:	252	Resp:	342904
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.0	25.6
125	9.9	9.0	13.6

Manual Integrations
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 37.114 ng

RT: 14.88 min Scan# 2175

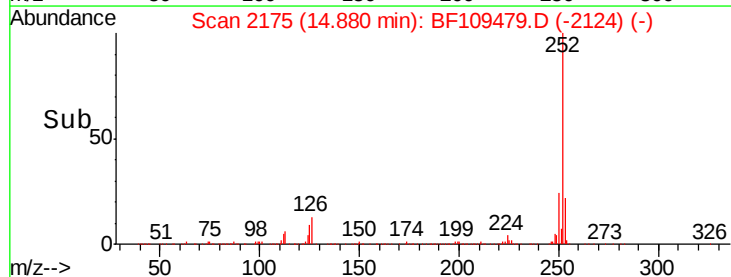
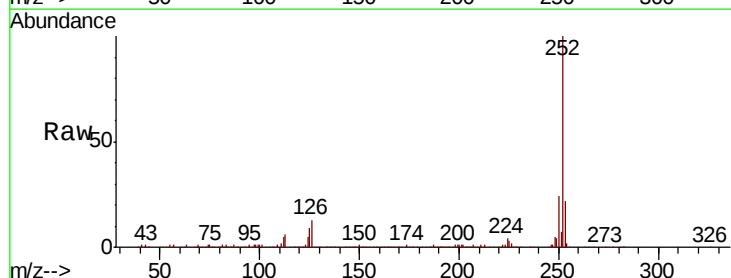
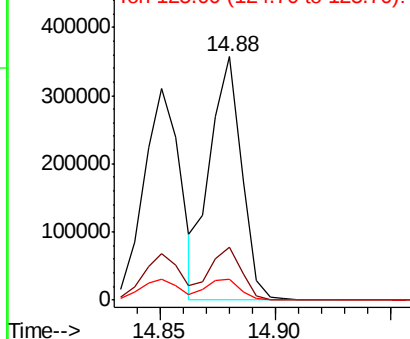
Delta R.T. 0.00 min

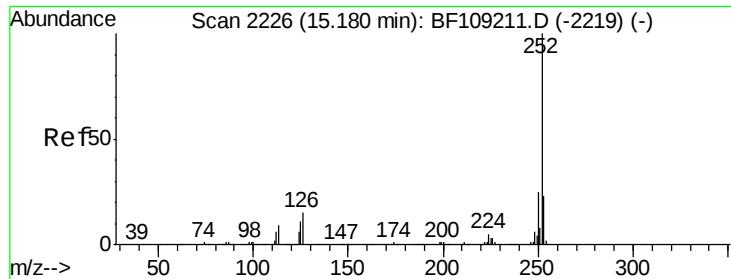
Lab File: BF109479.D

Acq: 1 Oct 2018 18:12

Tgt Ion:	252	Resp:	338148
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.9	26.9
125	8.8	10.2	15.2#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





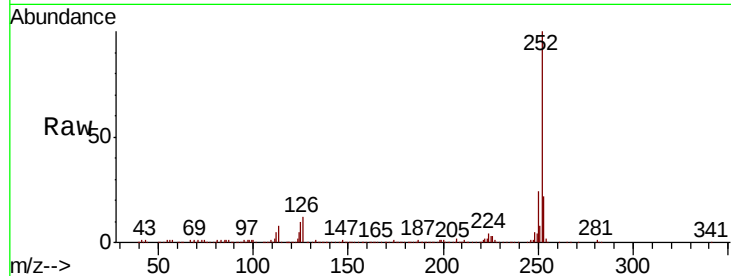
#89
Benzo(a)pyrene
Concen: 35.327 ng
RT: 15.19 min Scan# 2228
Delta R.T. 0.01 min
Lab File: BF109479.D
Acq: 1 Oct 2018 18:12

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-042MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	9.8	9.8	14.6

Manual Integrations
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Sohil
10/2/2018 1:01:30 PM

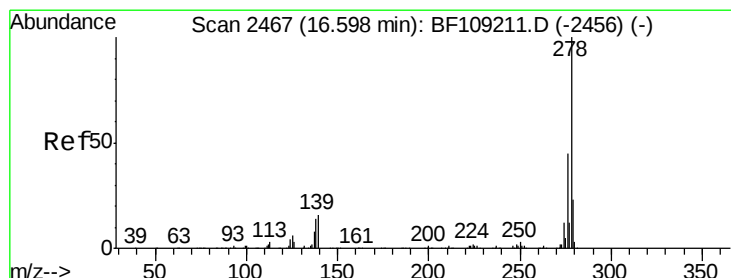
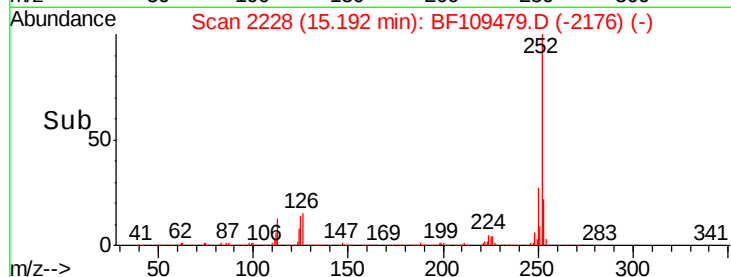
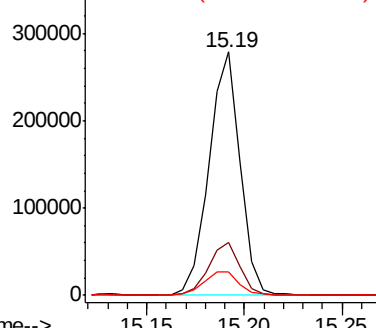


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Dibenzo(a,h)anthracene
Concen: 35.987 ng
RT: 16.62 min Scan# 2470
Delta R.T. 0.01 min
Lab File: BF109479.D
Acq: 1 Oct 2018 18:12

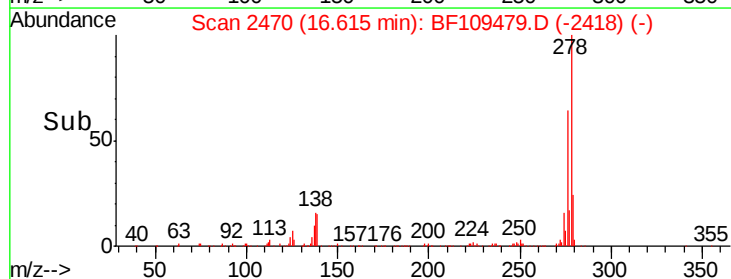
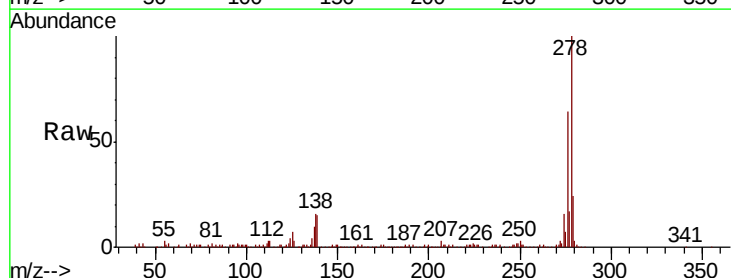
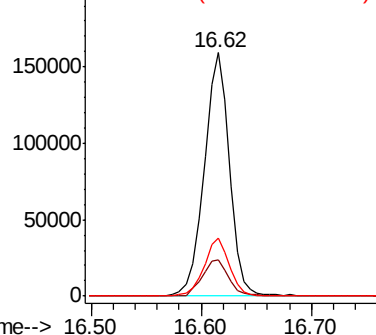
Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.1	15.9	23.9#
279	23.8	19.0	28.4

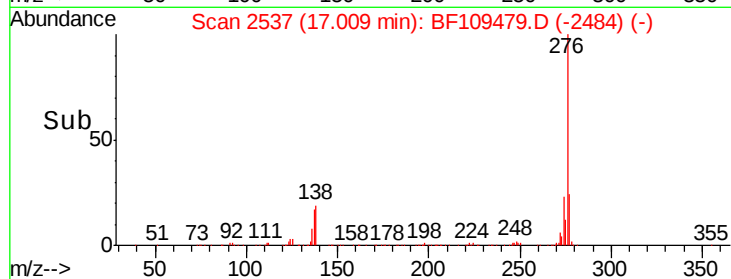
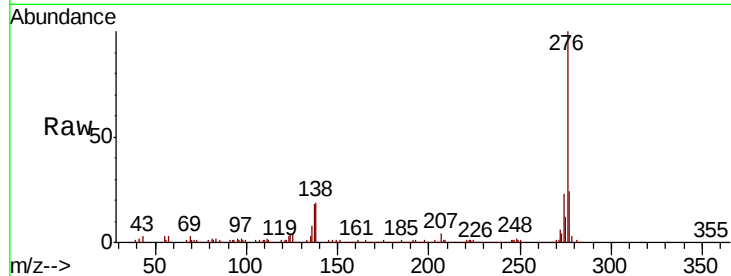
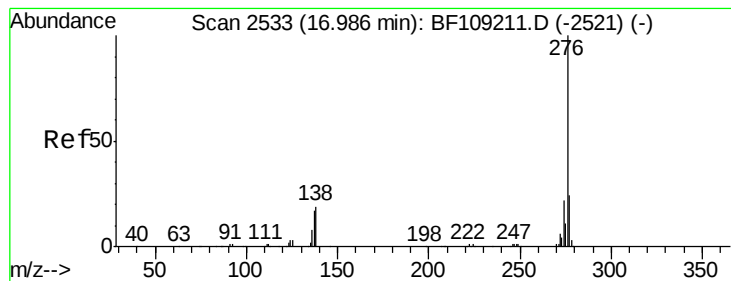
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 35.709 ng

RT: 17.01 min Scan# 2537

Delta R.T. 0.01 min

Lab File: BF109479.D

Acq: 1 Oct 2018 18:12

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-042MSD

Tot Ion:	276	Resp:	249101
Ion Ratio	Lower	Upper	
276	100		
277	24.0	17.9	26.9
138	18.8	21.8	32.8#

Manual Integrations
APPROVED

Sohil
10/2/2018 1:01:30 PM

