

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061019\
 Data File : BF114933.D
 Acq On : 10 Jun 2019 14:41
 Operator : HP/JU
 Sample : SSTDICC100
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Manual Integrations
 APPROVED

mohammad
 6/12/2019 9:14:01 AM

Quant Time: Jun 10 16:17:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 10 14:00:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	331003	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1349594	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	662353	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	1277585	20.00	ng	0.00
76) Chrysene-d12	13.80	240	566895	20.00	ng	0.00
87) Perylene-d12	15.16	264	678317	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	3289899	170.78	ng	0.00
7) Phenol-d6	6.33	99	3956544	170.74	ng	0.02
23) Nitrobenzene-d5	7.25	82	3969272	184.49	ng	0.02
42) 2,4,6-Tribromophenol	10.49	330	1208800	171.30	ng	0.01
45) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	
79) Terphenyl-d14	12.76	244	5226182	186.13	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.29	88	842690	91.994	ng	99
3) Pyridine	2.97	79	2542096	100.503	ng	99
4) n-Nitrosodimethylamine	2.95	42	942151	104.076	ng	97
6) Aniline	6.35	93	2718212	86.809	ng	# 82
8) 2-Chlorophenol	6.46	128	1875564	85.457	ng	97
10) Phenol	6.35	94	2195285	84.646	ng	95
11) bis(2-Chloroethyl)ether	6.42	93	1847666	89.738	ng	98
12) 1,3-Dichlorobenzene	6.61	146	2199625	86.268	ng	97
13) 1,4-Dichlorobenzene	6.69	146	2140694	83.584	ng	96
14) 1,2-Dichlorobenzene	6.85	146	1744652	74.590	ng	98
15) Benzyl Alcohol	6.83	79	1329423	79.176	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.96	45	2391613	84.133	ng	95
17) 2-Methylphenol	6.93	107	1707978	93.357	ng	98
18) Hexachloroethane	7.18	117	835845	88.758	ng	98
19) n-Nitroso-di-n-propylamine	7.12	70	1354499	93.877	ng	99
20) 3+4-Methylphenols	7.10	107	1638666	79.560	ng	94
22) Acetophenone	7.09	105	2669763	90.090	ng	# 97
24) Nitrobenzene	7.26	77	1988615	88.524	ng	95
25) Isophorone	7.51	82	4255378	101.765	ng	98
26) 2-Nitrophenol	7.57	139	1213594	98.076	ng	94
27) 2,4-Dimethylphenol	7.62	122	1704794	93.843	ng	99
28) bis(2-Chloroethoxy)methane	7.71	93	2438632	90.639	ng	99
29) 2,4-Dichlorophenol	7.82	162	1665245	87.176	ng	97
30) 1,2,4-Trichlorobenzene	7.89	180	1896285	86.489	ng	98
31) Naphthalene	7.97	128	4793870	78.165	ng	95
32) Benzoic acid	7.80	122	1537794	115.074	ng	99
33) 4-Chloroaniline	8.02	127	2615569	91.318	ng	97
34) Hexachlorobutadiene	8.09	225	1042551	84.503	ng	99
35) Caprolactam	8.45	113	585380m	90.764	ng	
36) 4-Chloro-3-methylphenol	8.52	107	1821554	94.482	ng	99
37) 2-Methylnaphthalene	8.66	142	3337876	80.071	ng	96
38) 1-Methylnaphthalene	8.76	142	3139834	79.634	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	1515790	80.715	ng	99
41) Hexachlorocyclopentadiene	8.82	237	1036128	97.687	ng	99

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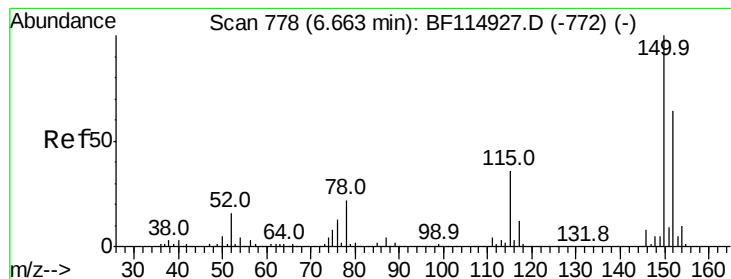
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061019.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	8.95	196	1326550	93.949	nq	98
44) 2,4,5-Trichlorophenol	8.99	196	1322842	90.602	nq	98
46) 1,1'-Biphenyl	9.13	154	3662227	74.839	nq	96
47) 2-Chloronaphthalene	9.15	162	3349409	81.084	nq	95
48) 2-Nitroaniline	9.25	65	1196782	96.623	nq	98
49) Acenaphthylene	9.56	152	4630075	76.018	nq	96
50) Dimethylphthalate	9.45	163	4425242	91.171	nq	99
51) 2,6-Dinitrotoluene	9.50	165	1021644	91.294	nq	99
52) Acenaphthene	9.74	154	2900745	78.718	nq	99
53) 3-Nitroaniline	9.67	138	1269186	94.346	nq	98
54) 2,4-Dinitrophenol	9.77	184	650287	118.829	nq	97
55) Dibenzofuran	9.91	168	3779200	71.801	nq	95
56) 4-Nitrophenol	9.83	139	981337	103.821	nq	94
57) 2,4-Dinitrotoluene	9.90	165	1116398	78.088	nq	# 86
59) 2,3,4,6-Tetrachlorophenol	10.03	232	1043098	88.168	nq	97
60) Diethylphthalate	10.13	149	3921388	82.475	nq	98
62) 4-Nitroaniline	10.29	138	1340838	97.875	nq	99
63) Azobenzene	10.40	77	3410788	82.412	nq	96
65) 4,6-Dinitro-2-methylphenol	10.32	198	742047	106.579	nq	96
66) n-Nitrosodiphenylamine	10.36	169	3124463	84.026	nq	98
67) 4-Bromophenyl-phenylether	10.73	248	1178041	86.819	nq	97
68) Hexachlorobenzene	10.80	284	1302524	87.068	nq	95
69) Atrazine	10.90	200	1073185	85.510	nq	98
70) Pentachlorophenol	10.99	266	836338	100.725	nq	99
71) Phenanthrene	11.20	178	4772972	78.282	nq	97
72) Anthracene	11.25	178	4772490	76.880	nq	96
73) Carbazole	11.40	167	4609872	82.033	nq	96
74) Di-n-butylphthalate	11.75	149	5168010	73.937	nq	# 96
75) Fluoranthene	12.38	202	4885280	77.379	nq	98
77) Benzidine	12.50	184	1984114m	81.233	nq	
78) Pyrene	12.60	202	5068511	105.760	nq	96
80) Butylbenzylphthalate	13.23	149	2589790	109.814	nq	97
81) Benzo(a)anthracene	13.78	228	3928079	95.683	nq	98
82) 3,3'-Dichlorobenzidine	13.76	252	1530952	91.710	nq	98
83) Chrysene	13.83	228	3945643	95.321	nq	96
84) Bis(2-ethylhexyl)phthalate	13.79	149	2531901	90.307	nq	# 98
85) Di-n-octyl phthalate	14.40	149	4843062	95.606	nq	98
86) Indeno(1,2,3-cd)pyrene	16.49	276	4364593	114.726	nq	99
88) Benzo(b)fluoranthene	14.79	252	4223046	97.137	nq	100
89) Benzo(k)fluoranthene	14.82	252	3339976	90.616	nq	98
90) Benzo(a)pyrene	15.12	252	3526105	94.250	nq	98
91) Dibenzo(a,h)anthracene	16.51	278	3328875	106.548	nq	99
92) Benzo(g,h,i)perylene	16.89	276	3754007	121.479	nq	97

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



#1

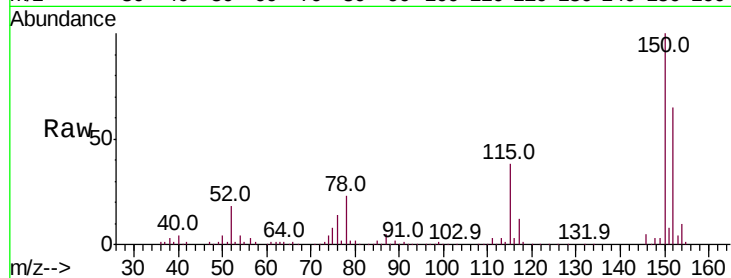
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.00 min
Lab File: BF114933.D
Acq: 10 Jun 2019 14:41

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	125.2	187.8
115	59.4	45.0	67.4

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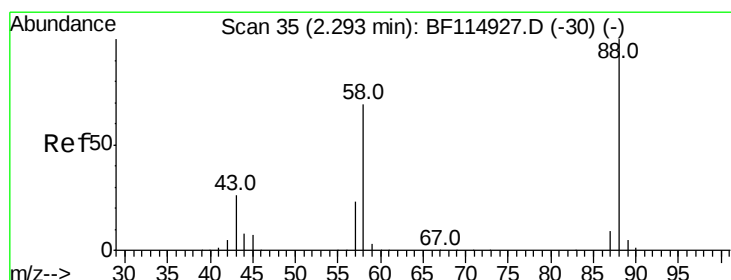
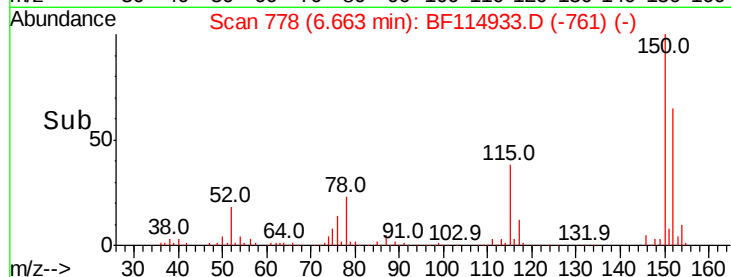
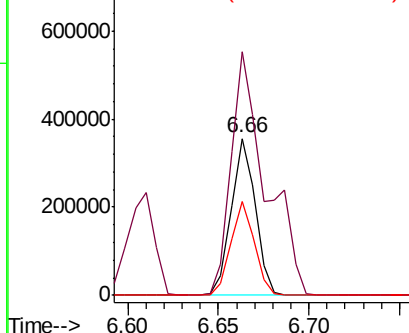


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

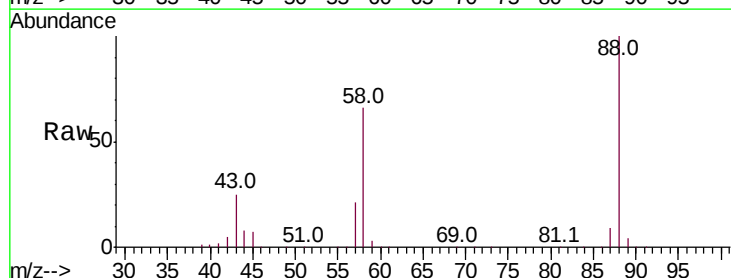
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 91.994 ng
RT: 2.29 min Scan# 34
Delta R.T. -0.01 min
Lab File: BF114933.D
Acq: 10 Jun 2019 14:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.1	54.2	81.2
43	25.5	20.6	30.8

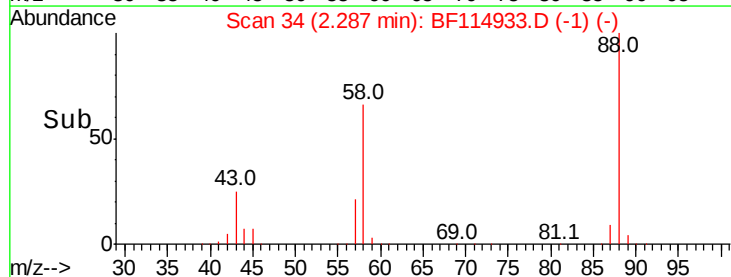
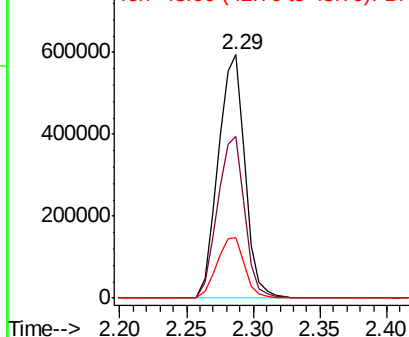


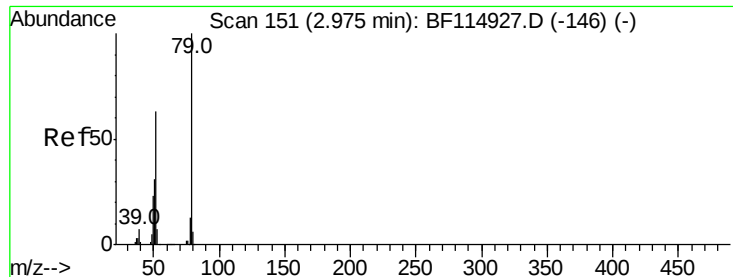
Abundance

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: 100.503 ng

RT: 2.97 min Scan# 150

Delta R.T. -0.01 min

Lab File: BF114933.D

Acq: 10 Jun 2019 14:41

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

Tot Ion: 79 Resp: 2542096

Ion Ratio Lower Upper

79 100

52 63.2 50.2 75.2

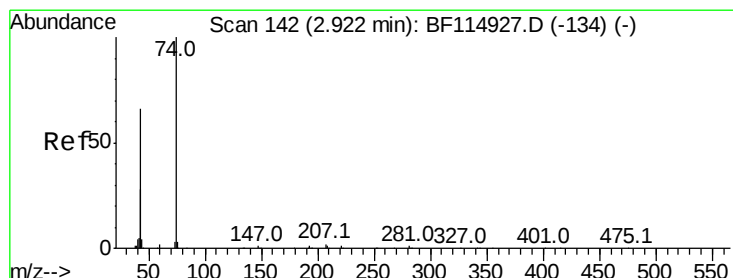
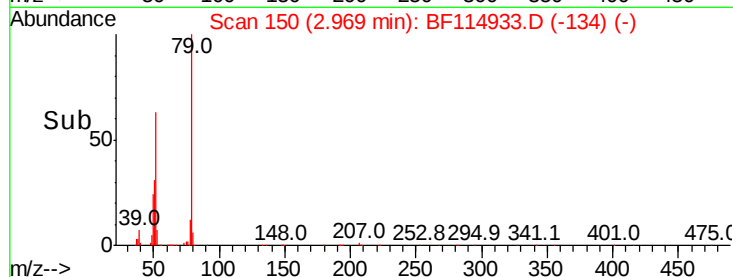
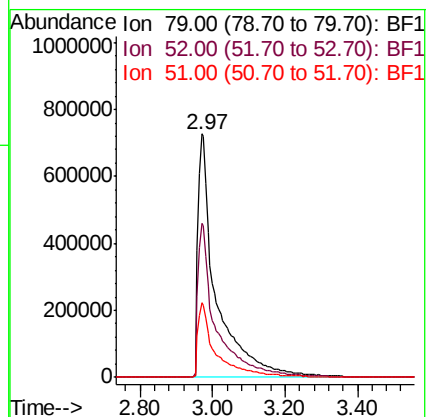
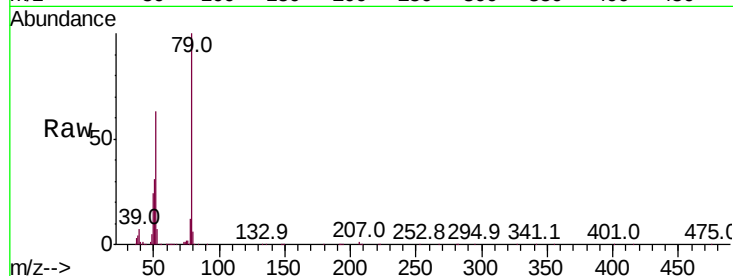
51 30.9 24.6 37.0

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#4

n-Nitrosodimethylamine

Concen: 104.076 ng

RT: 2.95 min Scan# 146

Delta R.T. 0.02 min

Lab File: BF114933.D

Acq: 10 Jun 2019 14:41

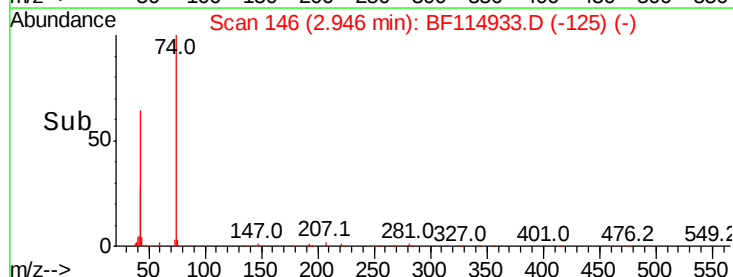
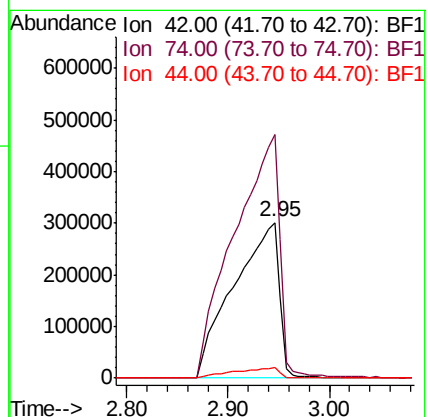
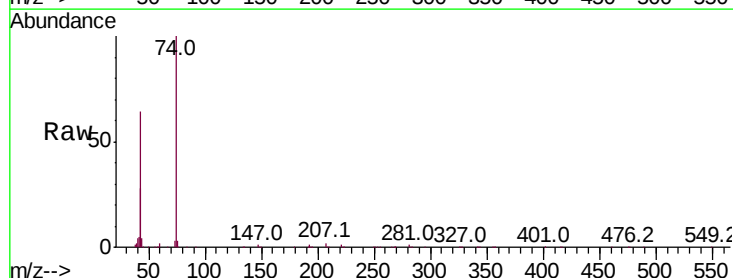
Tgt Ion: 42 Resp: 942151

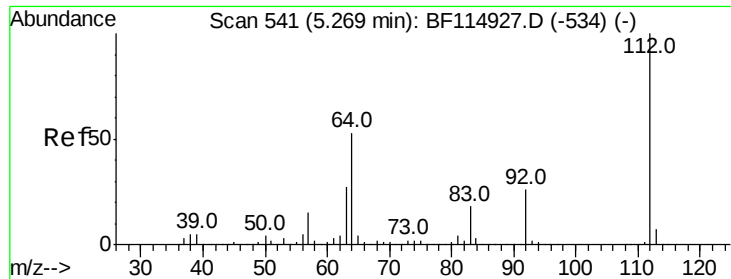
Ion Ratio Lower Upper

42 100

74 156.7 121.9 182.9

44 6.8 5.1 7.7





#5

2-Fluorophenol

Concen: 170.784 ng

RT: 5.27 min Scan# 542

Delta R.T. 0.01 min

Lab File: BF114933.D

Acq: 10 Jun 2019 14:41

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

Tot Ion:112 Resp: 3289899

Ion Ratio Lower Upper

112 100

64 57.8 42.1 63.1

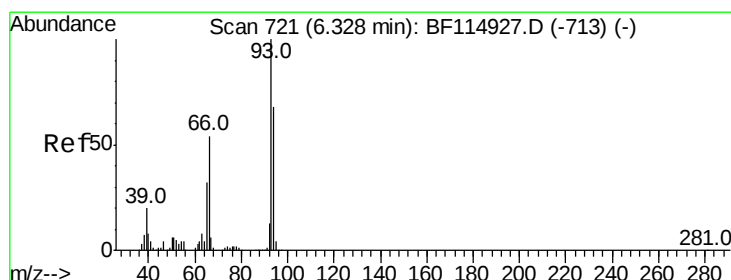
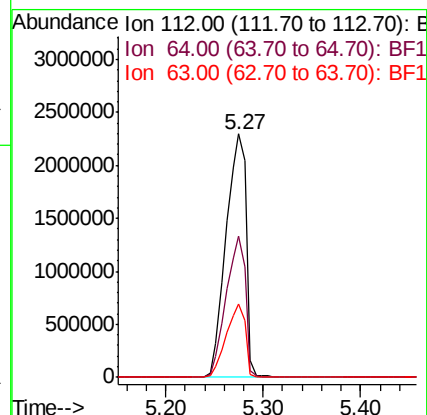
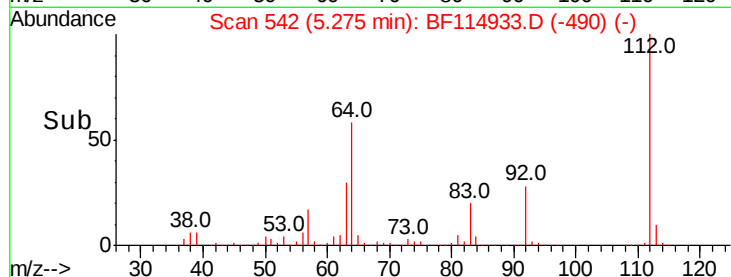
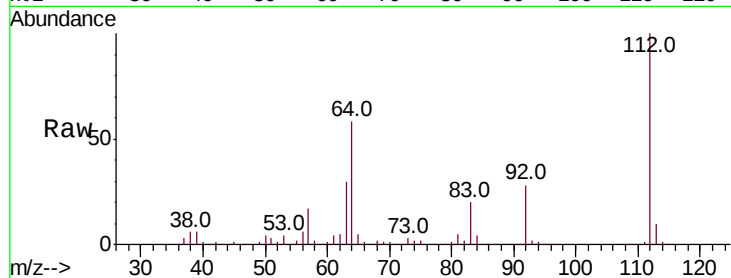
63 30.3 21.8 32.8

Manual Integrations

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#6

Aniline

Concen: 86.809 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.02 min

Lab File: BF114933.D

Acq: 10 Jun 2019 14:41

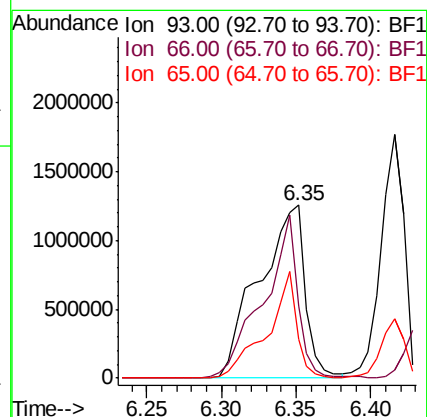
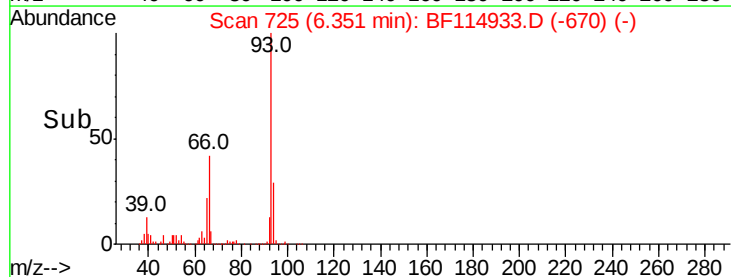
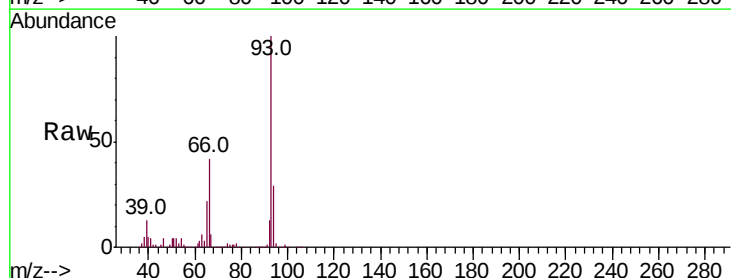
Tgt Ion: 93 Resp: 2718212

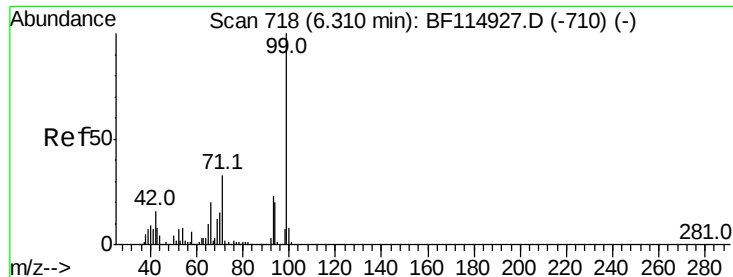
Ion Ratio Lower Upper

93 100

66 42.0 43.6 65.4#

65 22.2 25.7 38.5#





#7

Phenol-d6

Concen: 170.738 ng

RT: 6.33 min Scan# 721

Delta R.T. 0.02 min

Lab File: BF114933.D

Acq: 10 Jun 2019 14:41

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

Tot Ion: 99 Resp: 3956544

Ion Ratio Lower Upper

99 100

42 17.9 13.1 19.7

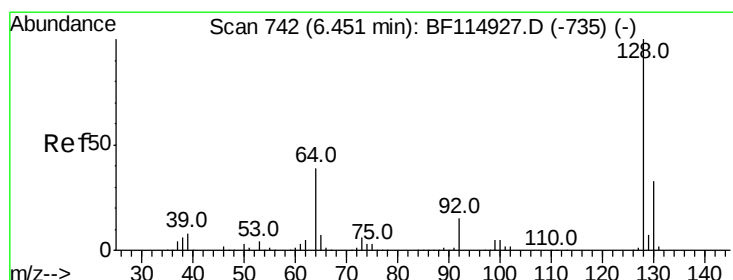
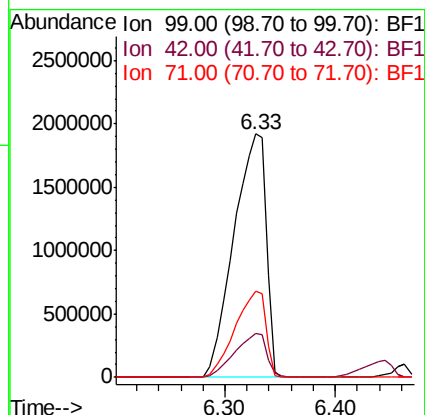
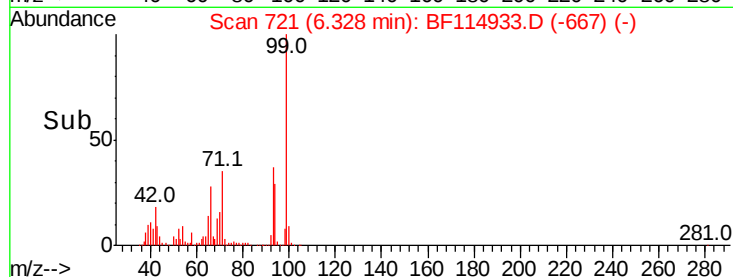
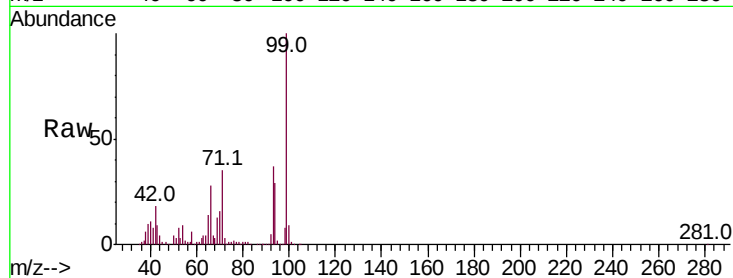
71 35.4 26.8 40.2

Manual Integrations

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#8

2-Chlorophenol

Concen: 85.457 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF114933.D

Acq: 10 Jun 2019 14:41

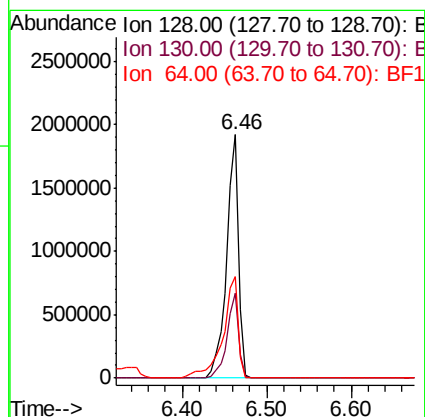
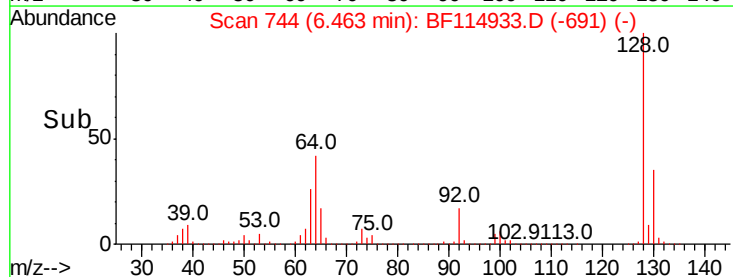
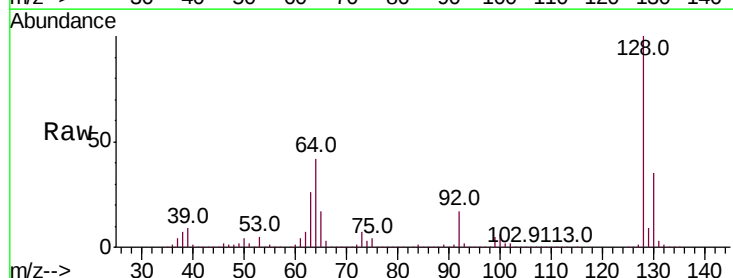
Tgt Ion: 128 Resp: 1875564

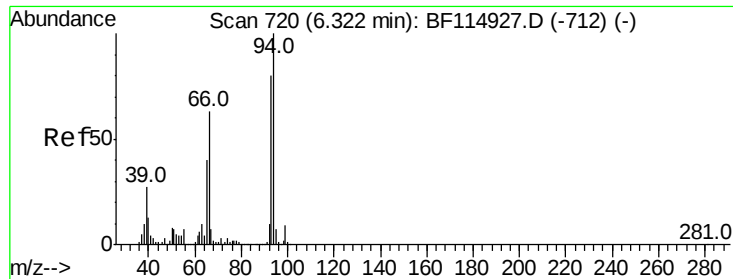
Ion Ratio Lower Upper

128 100

130 35.0 13.3 53.3

64 41.9 19.5 59.5





#10

Phenol

Concen: 84.646 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.02 min

Lab File: BF114933.D

Acq: 10 Jun 2019 14:41

Instrument :

BNA_F

ClientSampled :

SSTDICC100

Tot Ion: 94 Resp: 2195285

Ion Ratio Lower Upper

94 100

65 37.7 19.6 59.6

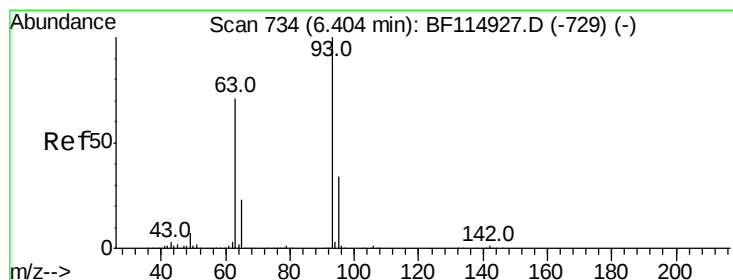
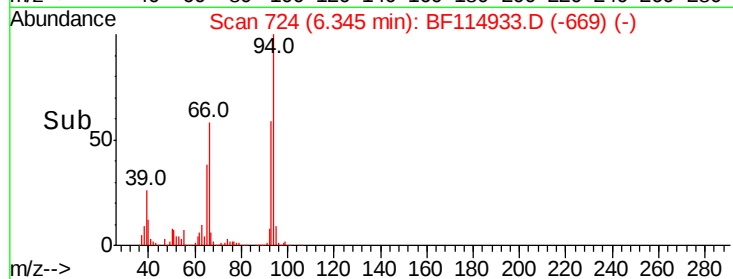
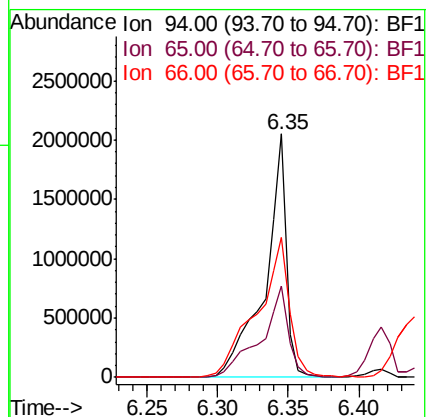
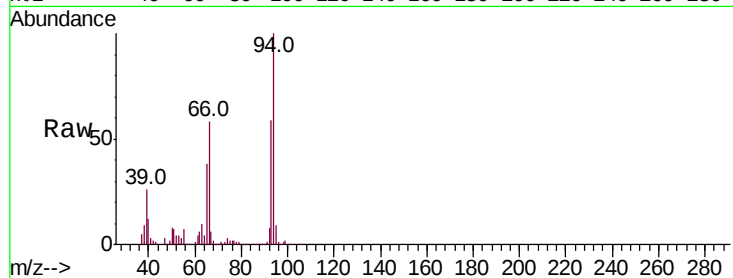
66 57.7 42.6 82.6

Manual Integrations

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#11

bis(2-Chloroethyl)ether

Concen: 89.738 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF114933.D

Acq: 10 Jun 2019 14:41

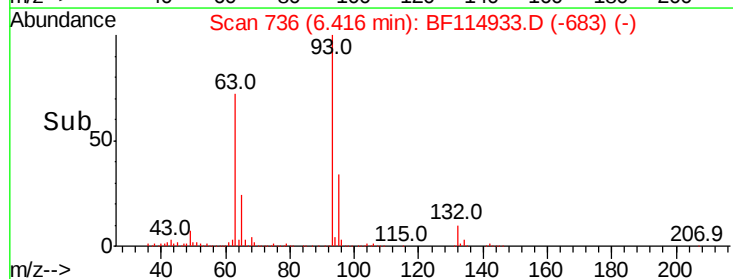
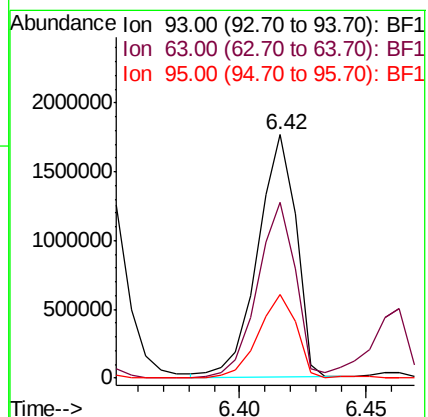
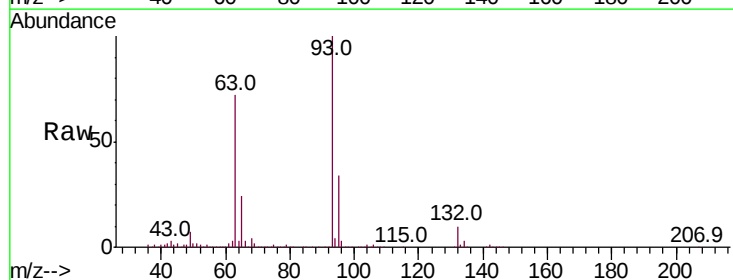
Tgt Ion: 93 Resp: 1847666

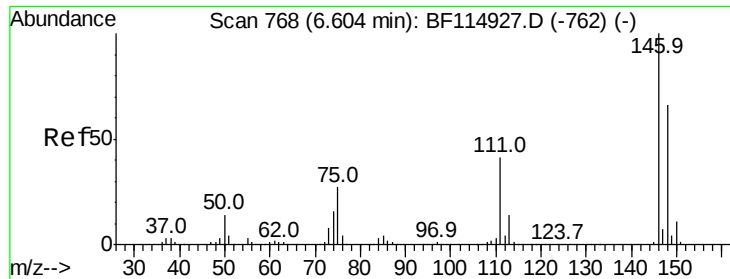
Ion Ratio Lower Upper

93 100

63 72.4 50.5 90.5

95 34.2 13.6 53.6





#12

1,3-Dichlorobenzene

Concen: 86.268 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF114933.D

Acq: 10 Jun 2019 14:41

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

Tot Ion:146 Resp: 2199625

Ion Ratio Lower Upper

146 100

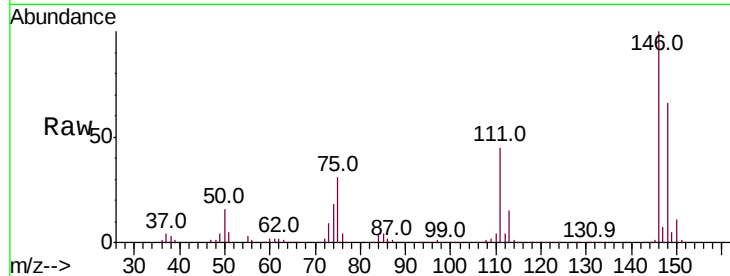
148 66.5 52.6 78.8

75 31.1 21.9 32.9

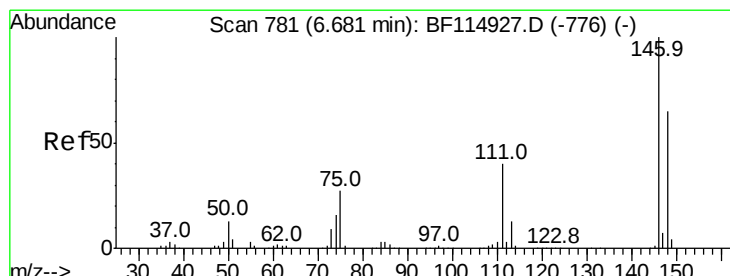
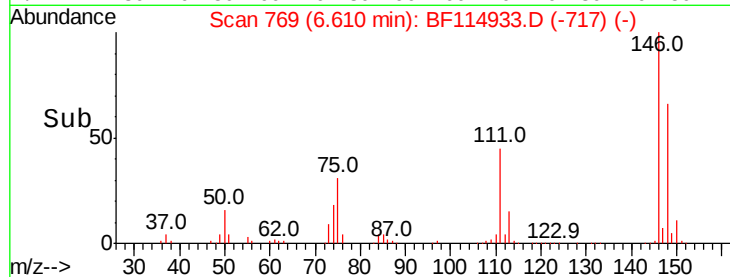
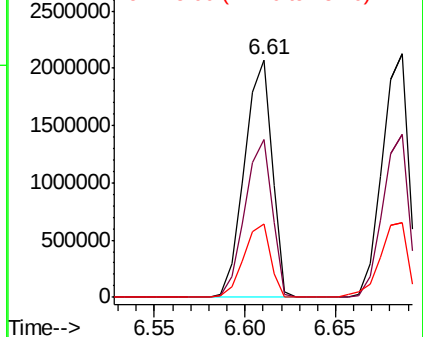
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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1



#13

1,4-Dichlorobenzene

Concen: 83.584 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.01 min

Lab File: BF114933.D

Acq: 10 Jun 2019 14:41

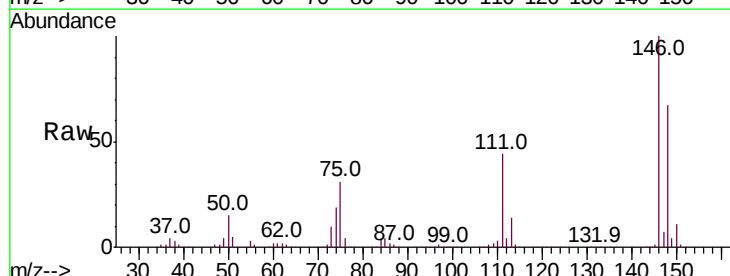
Tgt Ion:146 Resp: 2140694

Ion Ratio Lower Upper

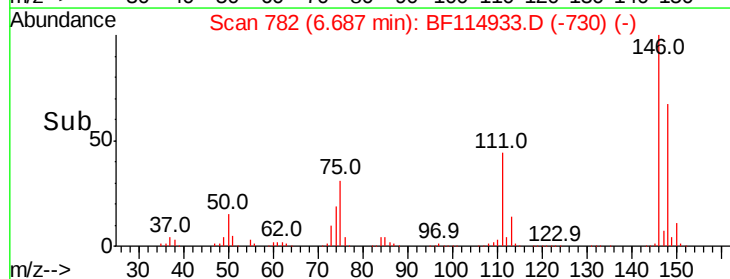
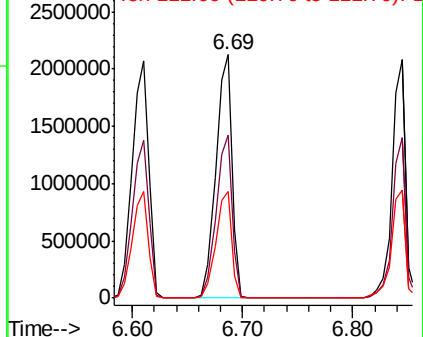
146 100

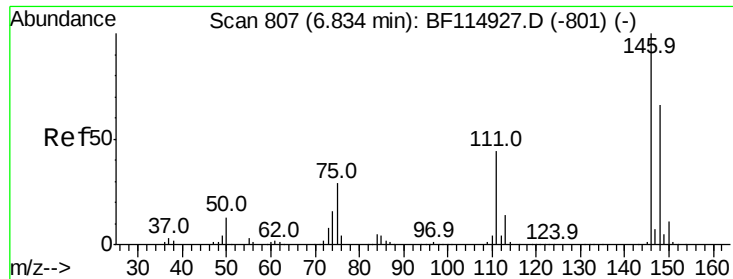
148 67.2 52.3 78.5

111 43.7 31.8 47.8



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





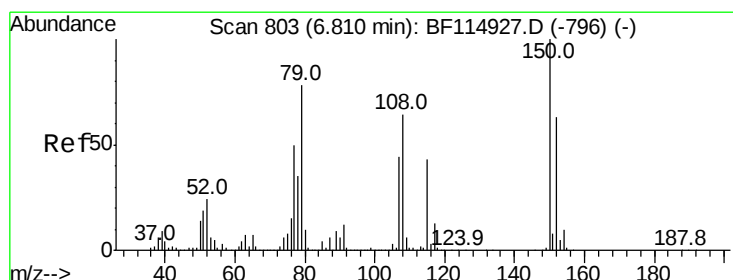
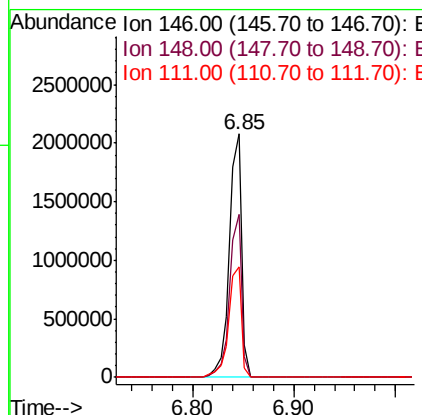
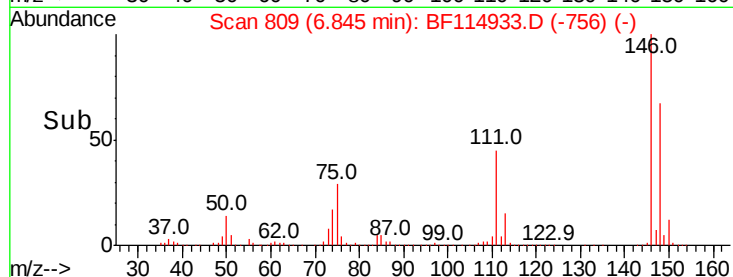
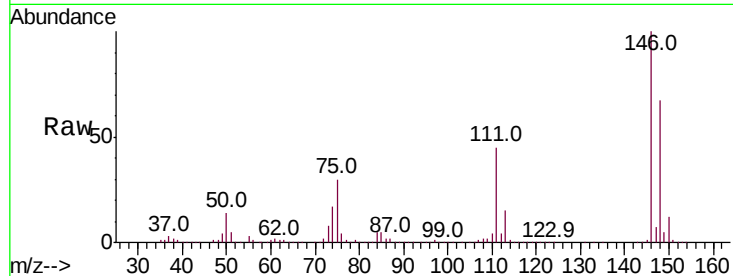
#14
1,2-Dichlorobenzene
Concen: 74.590 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.01 min
Lab File: BF114933.D
Acq: 10 Jun 2019 14:41

Instrument :
BNA_F
ClientSampleId :
SSTDIC100

Tot Ion:146 Resp: 1744652
Ion Ratio Lower Upper
146 100
148 67.2 52.7 79.1
111 45.4 35.4 53.2

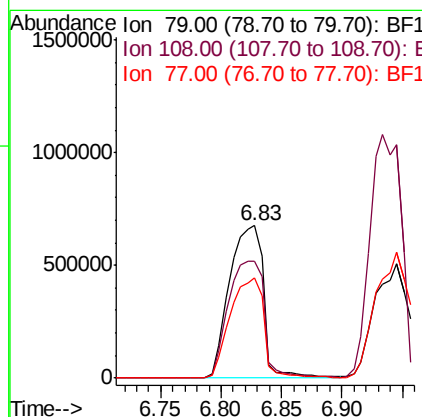
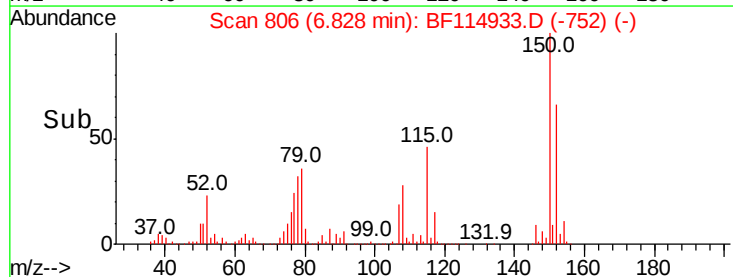
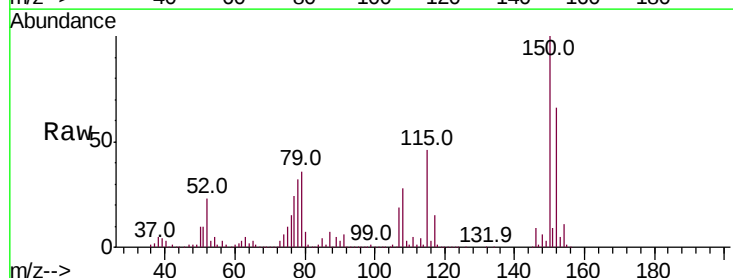
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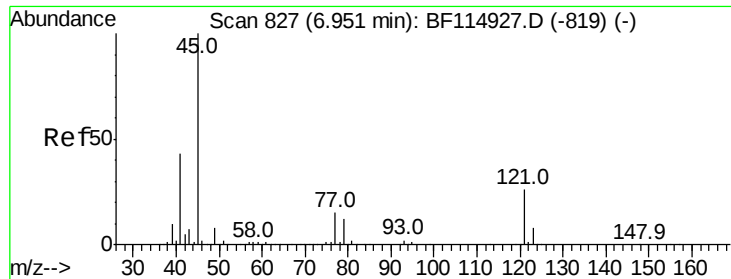
mohammad
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#15
Benzyl Alcohol
Concen: 79.176 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.02 min
Lab File: BF114933.D
Acq: 10 Jun 2019 14:41

Tgt Ion: 79 Resp: 1329423
Ion Ratio Lower Upper
79 100
108 76.8 65.5 98.3
77 66.2 51.3 76.9





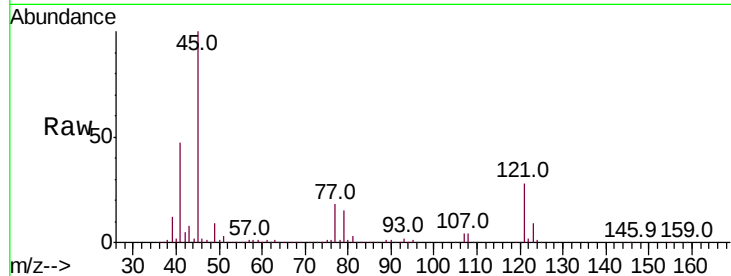
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 84.133 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.01 min
Lab File: BF114933.D
Acq: 10 Jun 2019 14:41

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

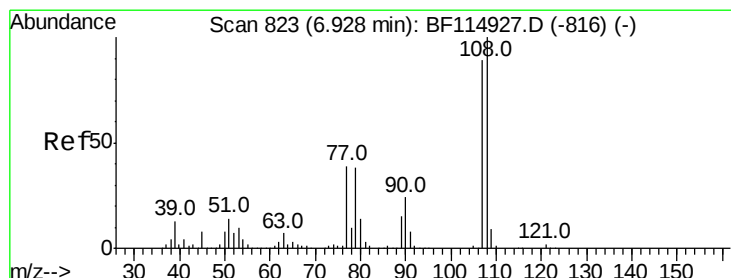
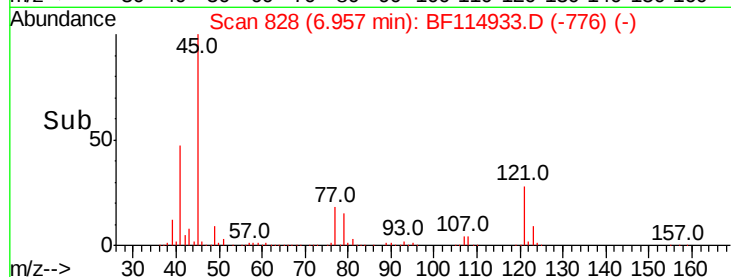
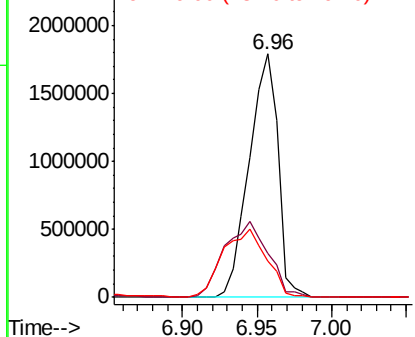
Tot Ion: 45 Resp: 2391613
Ion Ratio Lower Upper
45 100
77 18.3 0.0 36.2
79 14.7 0.0 32.7

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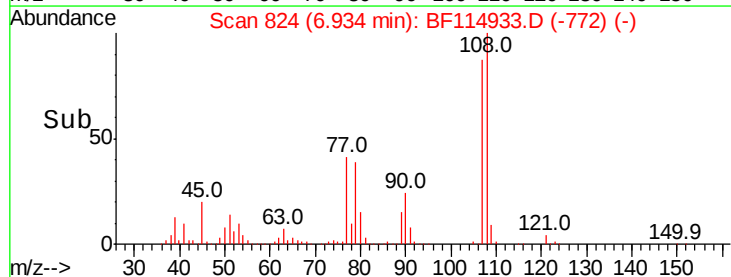
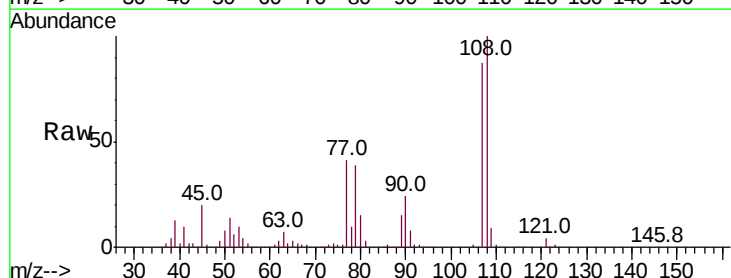
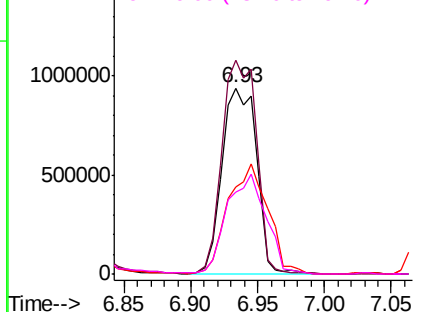
Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

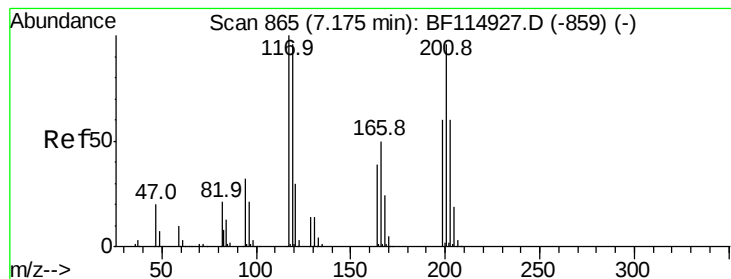


#17
2-Methylphenol
Concen: 93.357 ng
RT: 6.93 min Scan# 824
Delta R.T. 0.01 min
Lab File: BF114933.D
Acq: 10 Jun 2019 14:41

Tgt Ion: 107 Resp: 1707978
Ion Ratio Lower Upper
107 100
108 114.9 90.2 135.2
77 46.8 35.4 53.0
79 44.4 34.6 52.0

Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#18

Hexachloroethane

Concen: 88.758 ng

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: BF114933.D

Acq: 10 Jun 2019 14:41

Instrument :

BNA_F

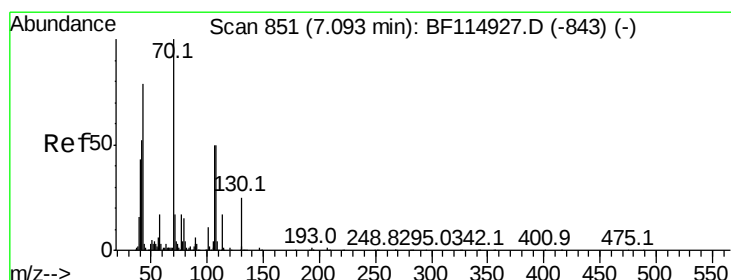
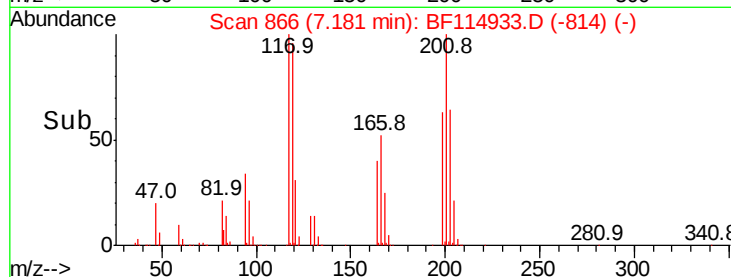
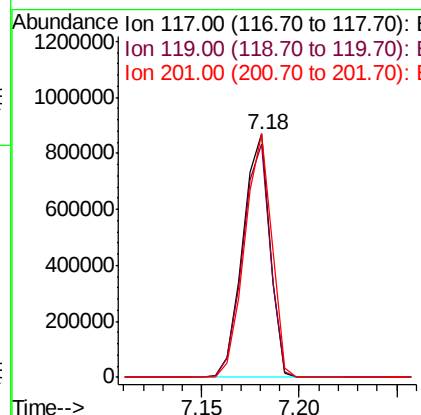
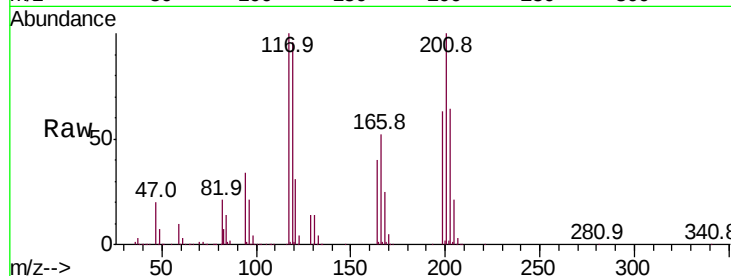
ClientSampleId :

SSTDICC100

Tot Ion	Ratio	Resp	Lower	Upper
117	100	835845		
119	95.7	76.6	114.8	
201	99.8	77.0	115.6	

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#19

n-Nitroso-di-n-propylamine

Concen: 93.877 ng

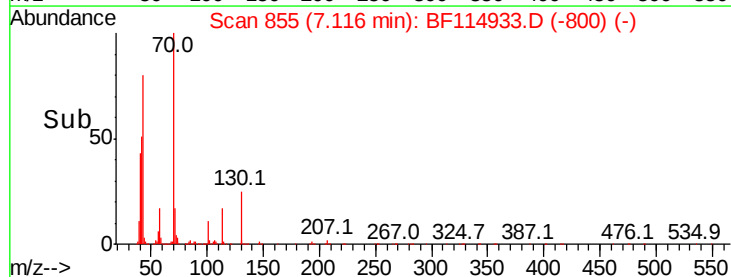
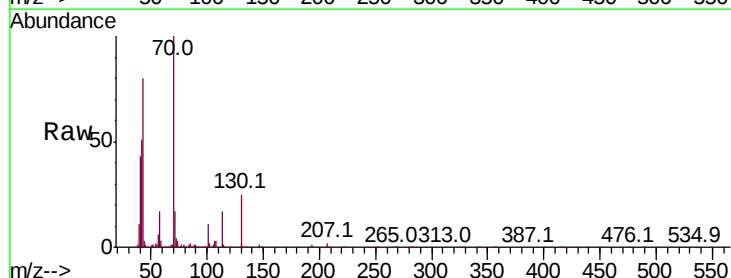
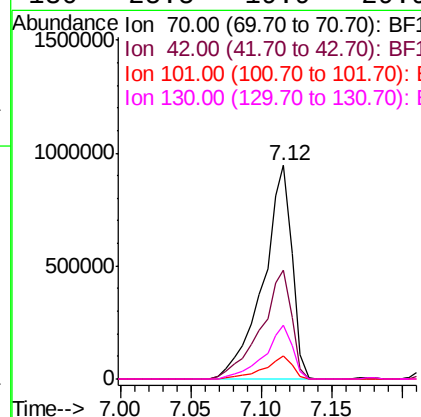
RT: 7.12 min Scan# 855

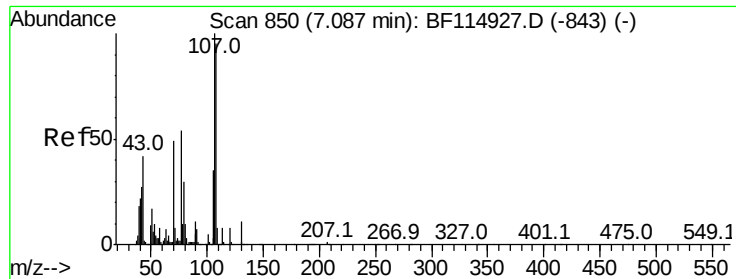
Delta R.T. 0.02 min

Lab File: BF114933.D

Acq: 10 Jun 2019 14:41

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	1354499		
42	50.9	41.7	62.5	
101	10.8	8.4	12.6	
130	25.5	19.9	29.9	





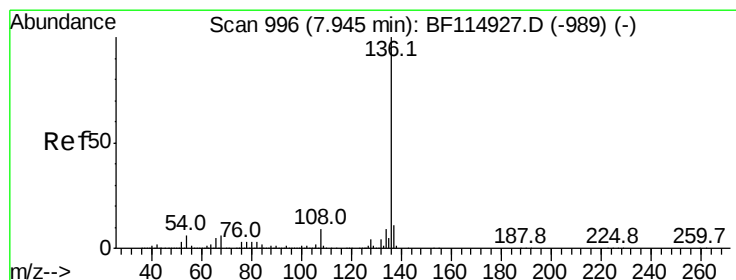
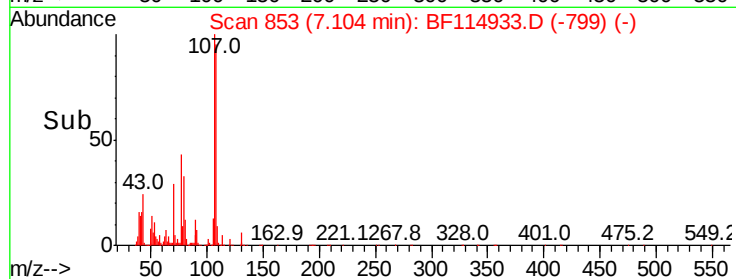
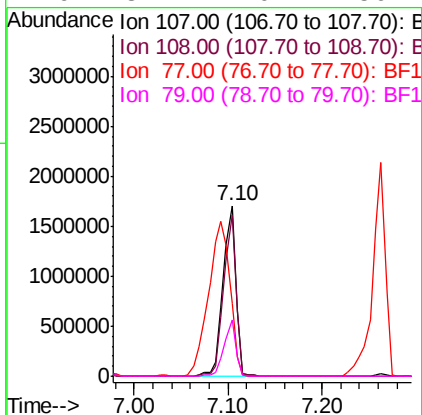
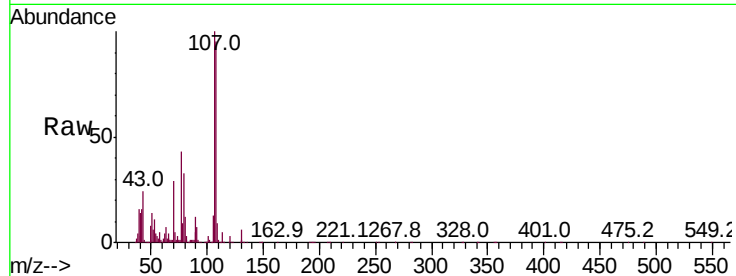
#20
3+4-Methylphenols
Concen: 79.560 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.02 min
Lab File: BF114933.D
Acq: 10 Jun 2019 14:41

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
107	100		
108	94.8	74.7	114.7
77	42.5	33.7	73.7
79	32.7	10.2	50.2

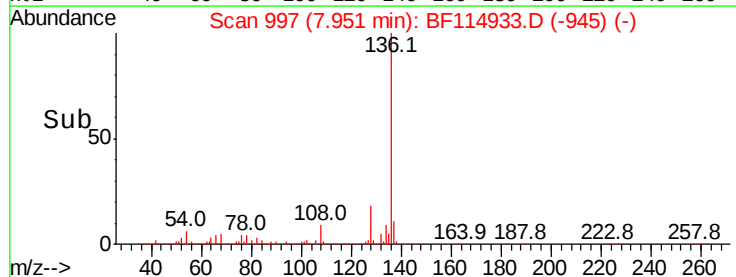
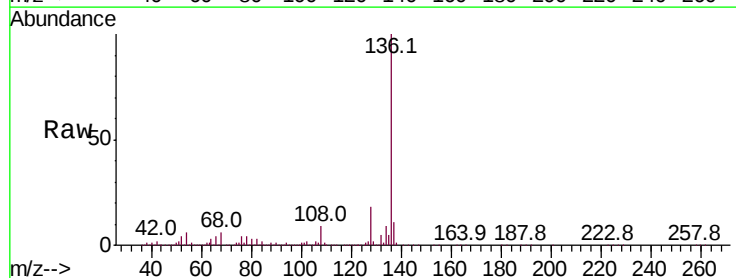
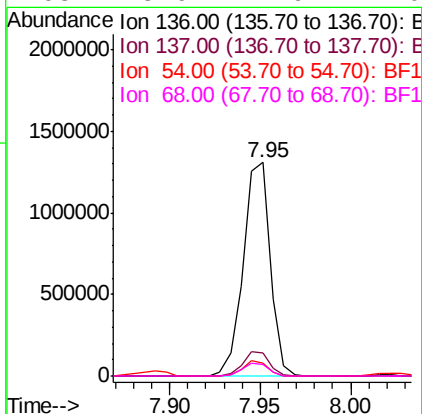
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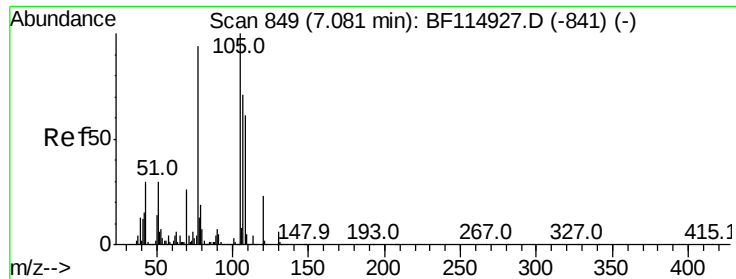
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.01 min
Lab File: BF114933.D
Acq: 10 Jun 2019 14:41

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	6.2	5.2	7.8
68	5.6	4.6	7.0





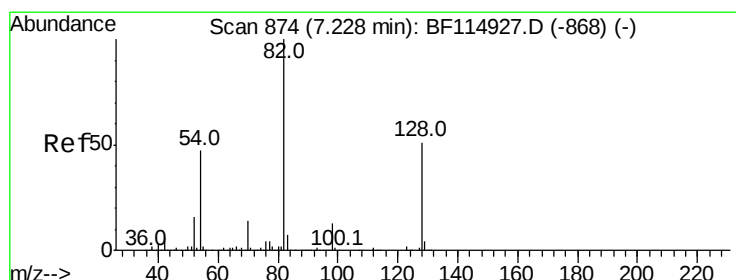
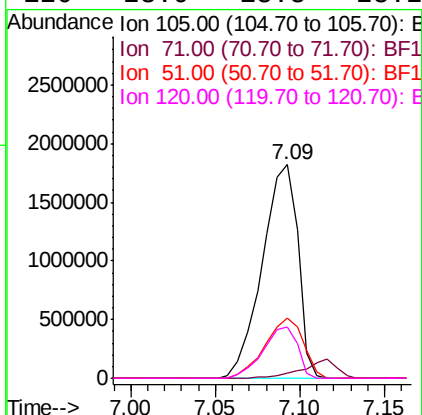
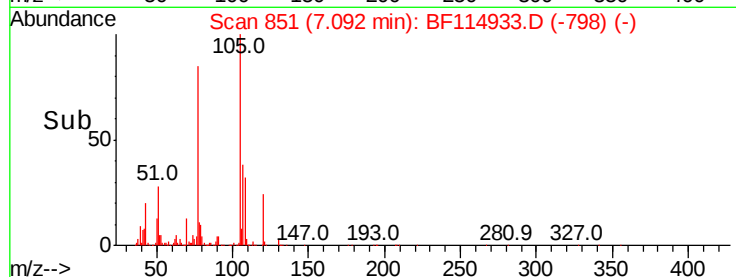
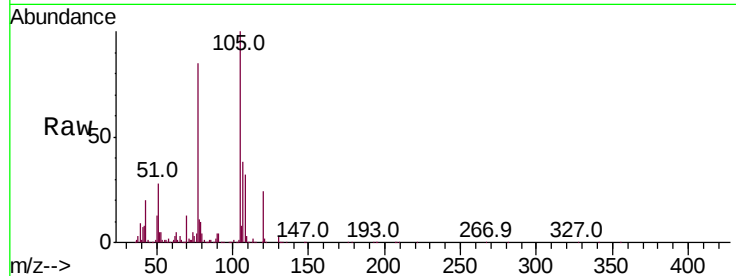
#22
Acetophenone
Concen: 90.090 ng
RT: 7.09 min Scan# 851
Delta R.T. 0.01 min
Lab File: BF114933.D
Acq: 10 Jun 2019 14:41

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
105	100		
71	2.3	3.4	5.2#
51	28.1	24.0	36.0
120	23.9	18.8	28.2

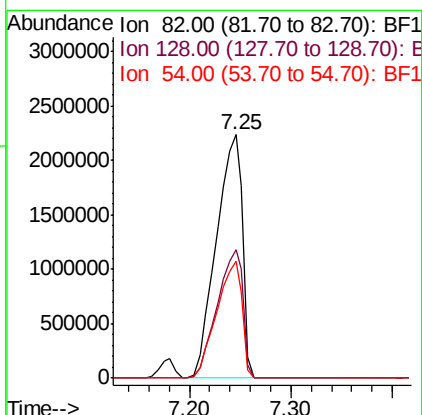
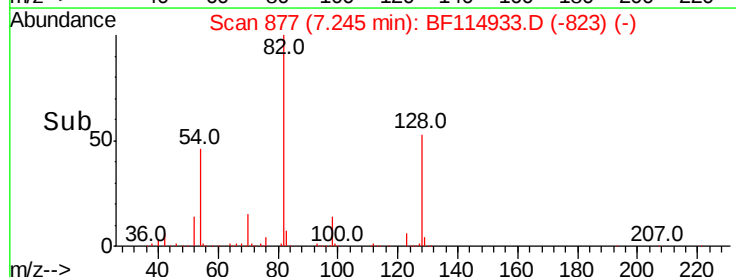
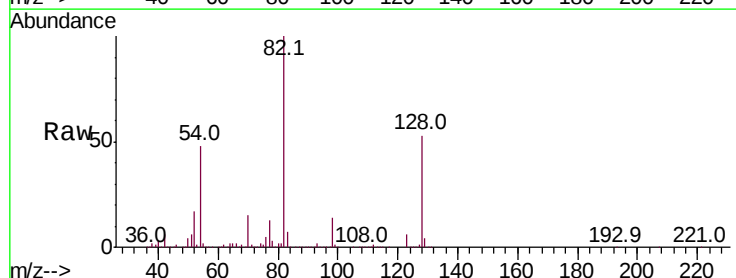
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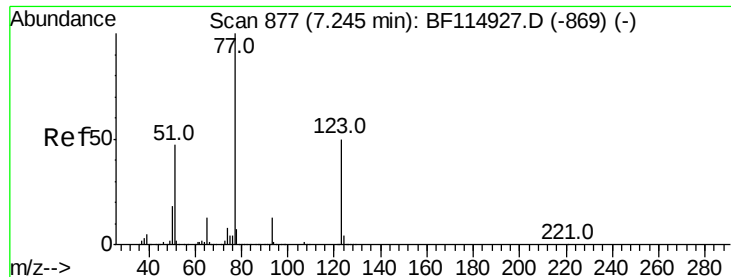
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#23
Nitrobenzene-d5
Concen: 184.491 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.02 min
Lab File: BF114933.D
Acq: 10 Jun 2019 14:41

Tgt Ion	Ratio	Lower	Upper
82	100		
128	52.6	40.9	61.3
54	47.9	37.4	56.0





#24

Nitrobenzene

Concen: 88.524 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.02 min

Lab File: BF114933.D

Acq: 10 Jun 2019 14:41

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

Tot Ion: 77 Resp: 1988615

Ion Ratio Lower Upper

77 100

123 53.7 39.8 59.6

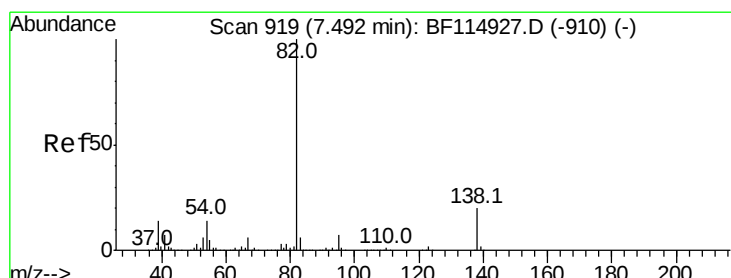
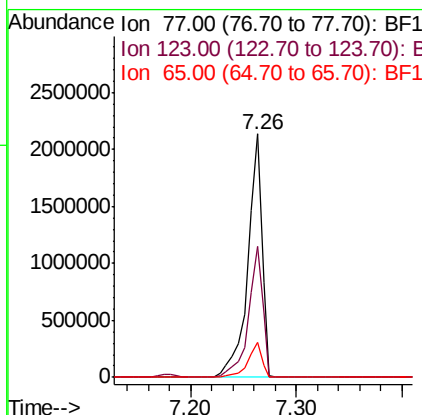
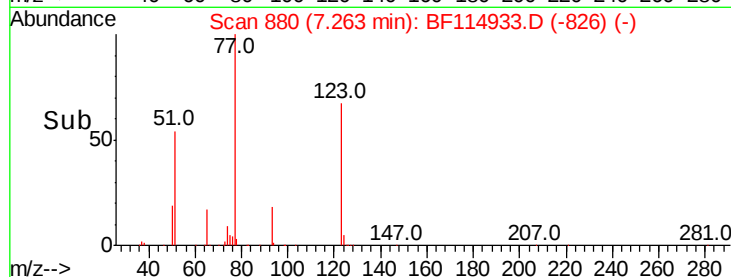
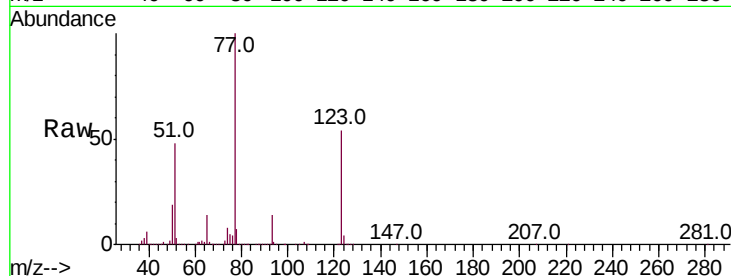
65 14.2 10.7 16.1

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#25

Isophorone

Concen: 101.765 ng

RT: 7.51 min Scan# 922

Delta R.T. 0.02 min

Lab File: BF114933.D

Acq: 10 Jun 2019 14:41

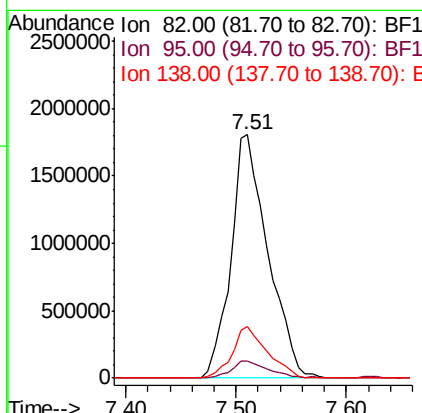
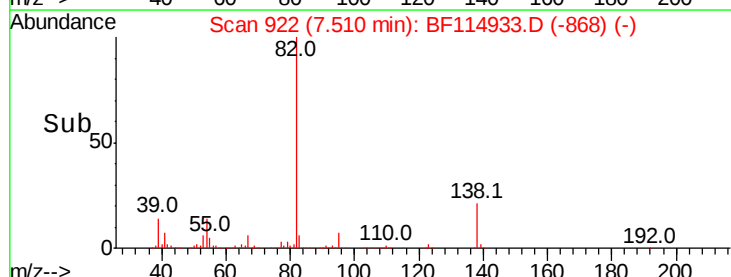
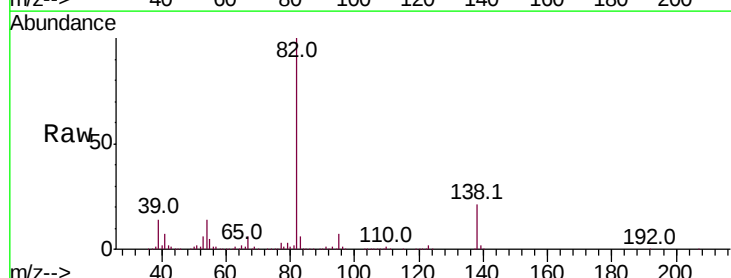
Tgt Ion: 82 Resp: 4255378

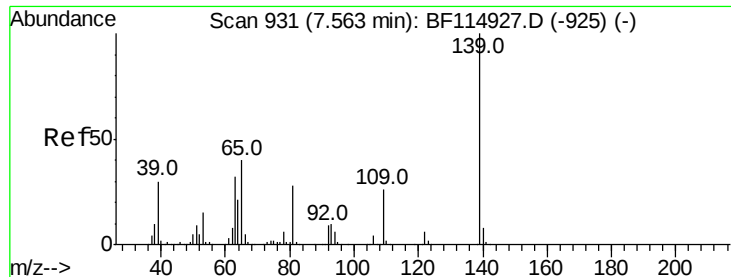
Ion Ratio Lower Upper

82 100

95 7.3 5.7 8.5

138 21.4 16.4 24.6





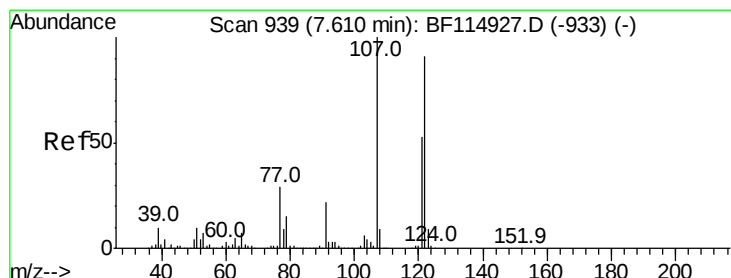
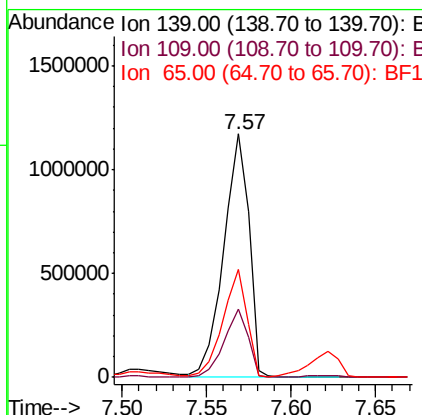
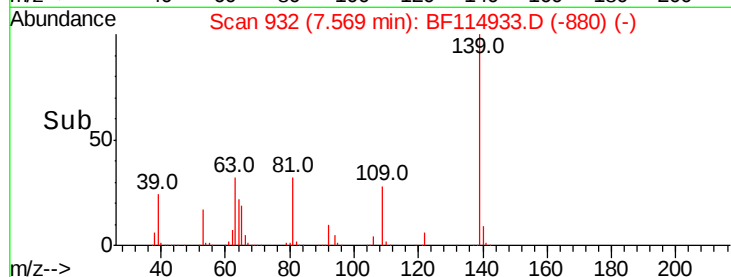
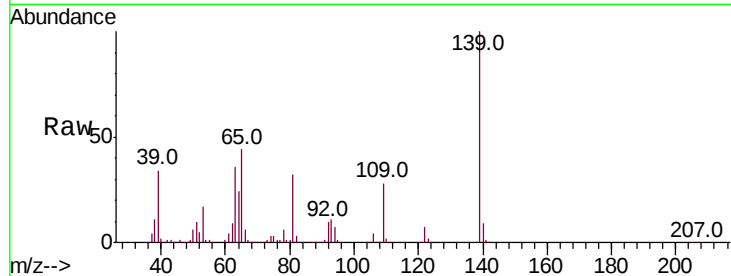
#26
2-Nitrophenol
Concen: 98.076 ng
RT: 7.57 min Scan# 932
Delta R.T. 0.01 min
Lab File: BF114933.D
Acq: 10 Jun 2019 14:41

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
139	100		
109	28.2	20.6	30.8
65	44.4	32.2	48.2

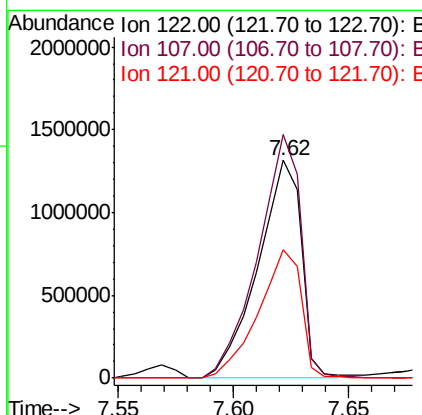
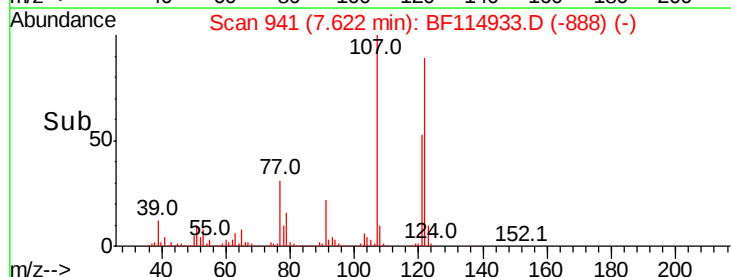
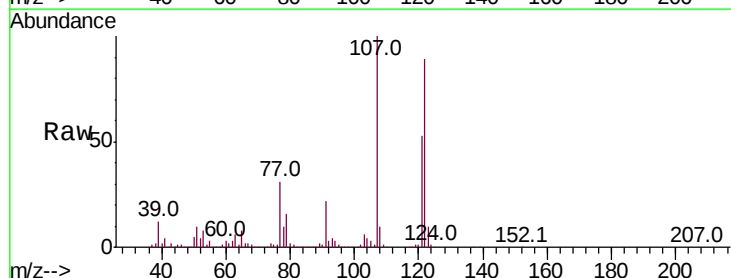
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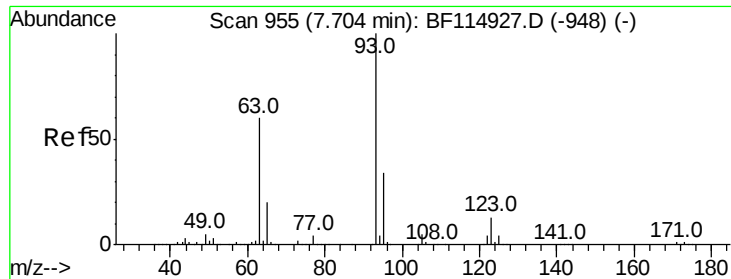
mohammad
6/12/2019 9:14:01 AM



#27
2,4-Dimethylphenol
Concen: 93.843 ng
RT: 7.62 min Scan# 941
Delta R.T. 0.01 min
Lab File: BF114933.D
Acq: 10 Jun 2019 14:41

Tgt Ion	Ratio	Lower	Upper
122	100		
107	111.9	88.0	132.0
121	59.2	47.0	70.6





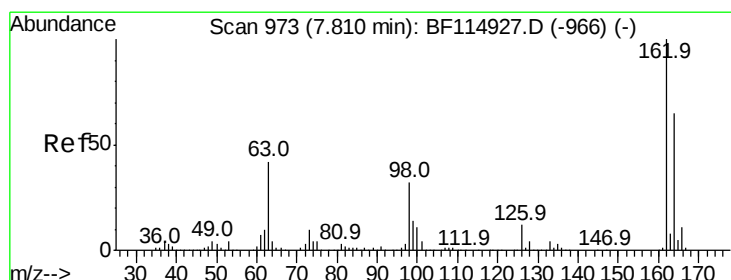
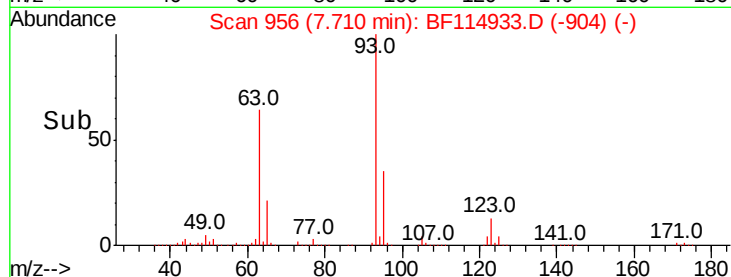
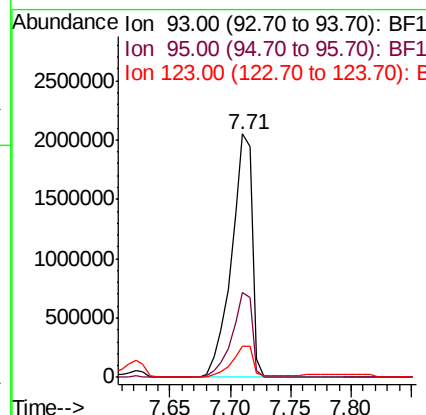
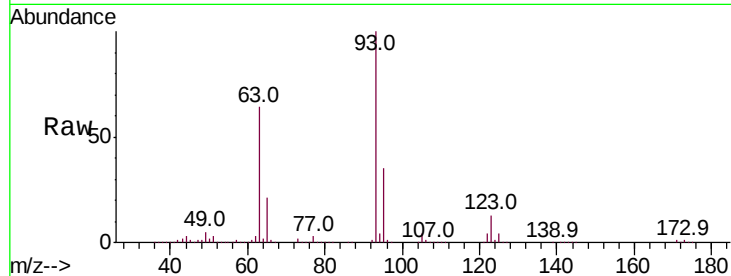
#28
bis(2-Chloroethoxy)methane
Concen: 90.639 ng
RT: 7.71 min Scan# 956
Delta R.T. 0.01 min
Lab File: BF114933.D
Acq: 10 Jun 2019 14:41

Instrument :
BNA_F
ClientSampled :
SSTDICC100

Tot Ion: 93 Resp: 2438632
Ion Ratio Lower Upper
93 100
95 34.8 27.0 40.4
123 12.7 10.3 15.5

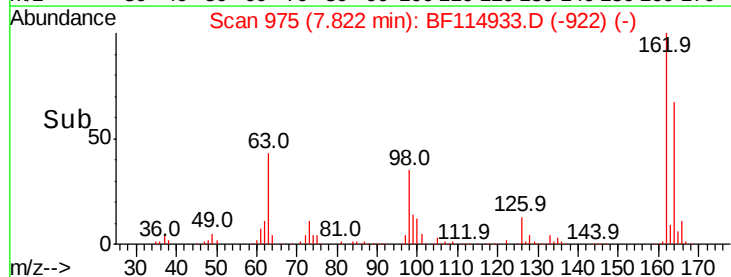
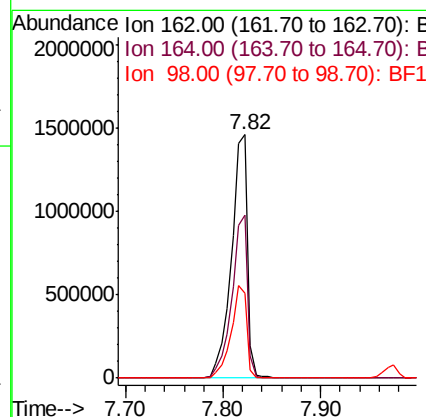
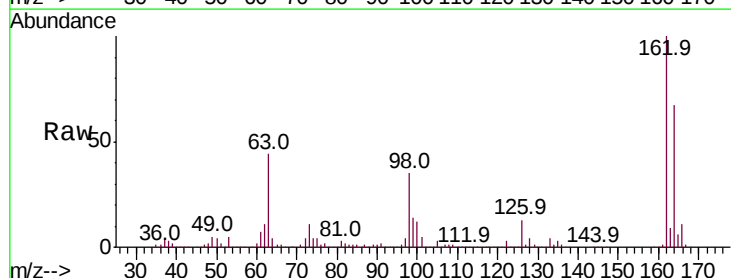
Manual Integrations
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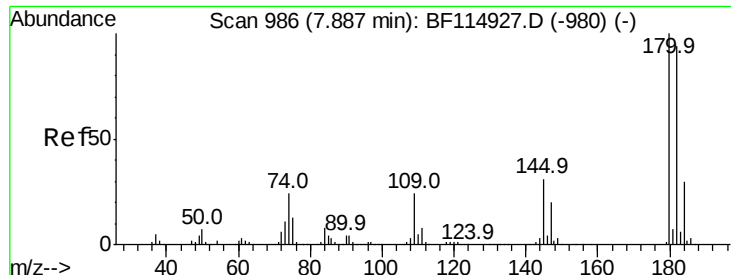
mohammad
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#29
2,4-Dichlorophenol
Concen: 87.176 ng
RT: 7.82 min Scan# 975
Delta R.T. 0.01 min
Lab File: BF114933.D
Acq: 10 Jun 2019 14:41

Tgt Ion: 162 Resp: 1665245
Ion Ratio Lower Upper
162 100
164 66.9 45.4 85.4
98 35.1 12.5 52.5





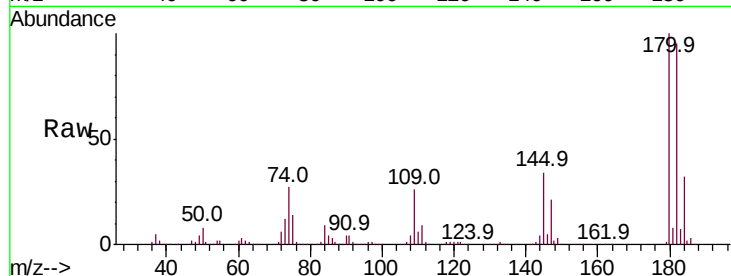
#30
1,2,4-Trichlorobenzene
Concen: 86.489 ng
RT: 7.89 min Scan# 987
Delta R.T. 0.01 min
Lab File: BF114933.D
Acq: 10 Jun 2019 14:41

Instrument :
BNA_F
ClientSampleId :
SSTDIC100

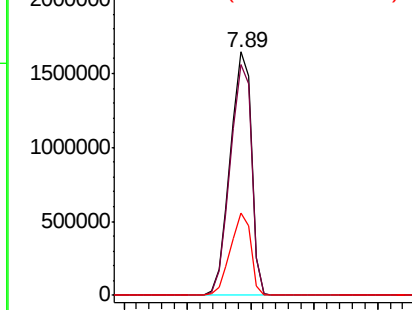
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.9	75.0	112.6
145	33.9	25.1	37.7

Manual Integrations
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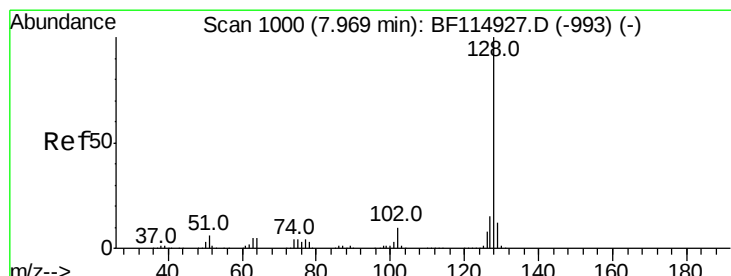
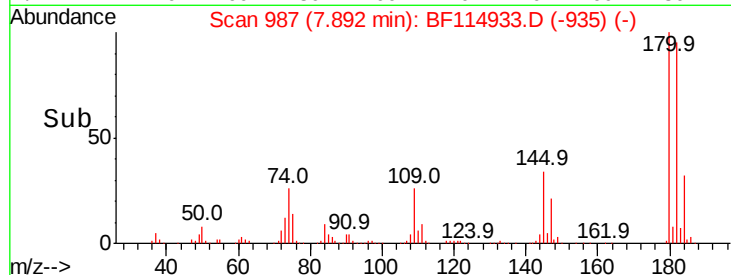
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Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E



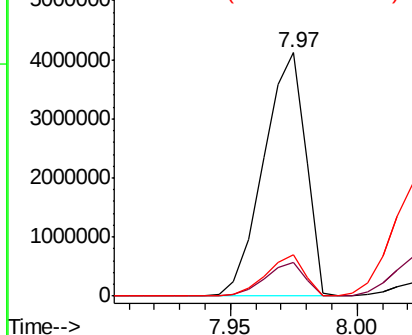
Time-->



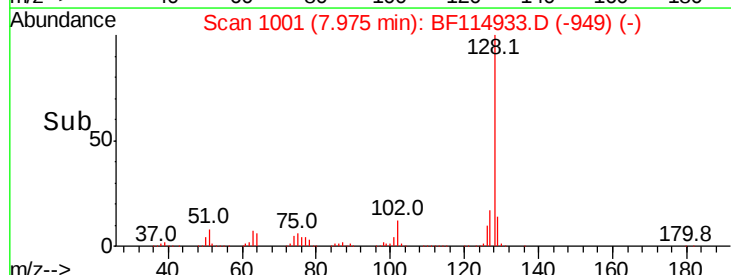
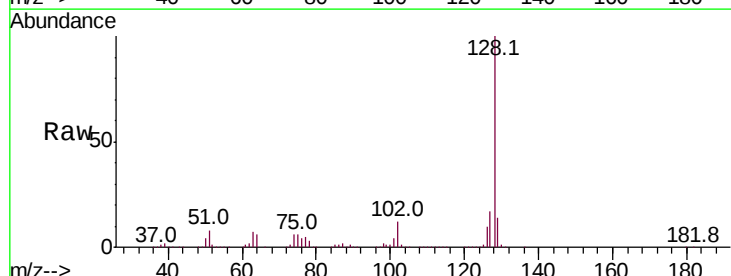
#31
Naphthalene
Concen: 78.165 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.01 min
Lab File: BF114933.D
Acq: 10 Jun 2019 14:41

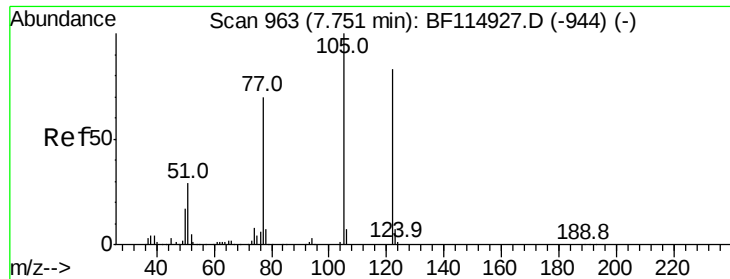
Tgt Ion	Ratio	Lower	Upper
128	100		
129	14.1	9.8	14.8
127	16.9	11.8	17.6

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



Time-->





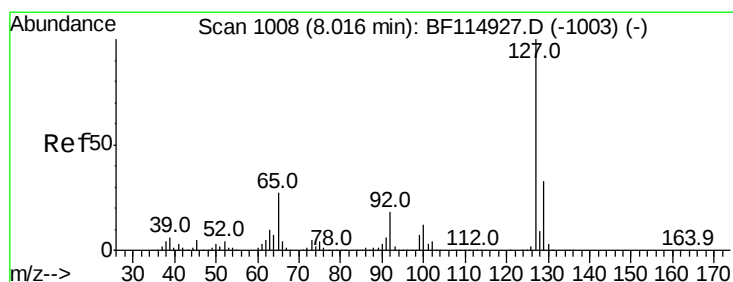
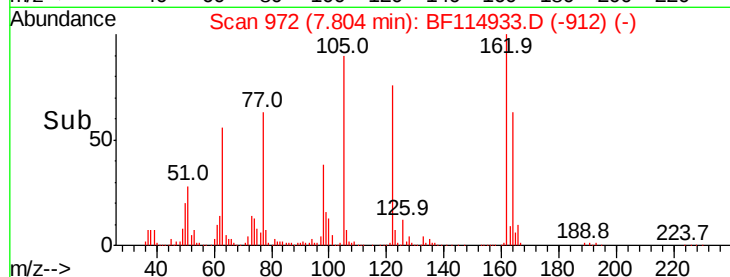
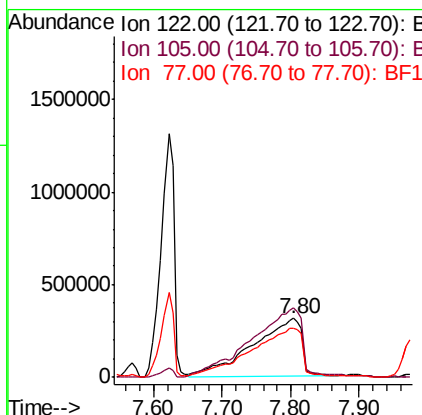
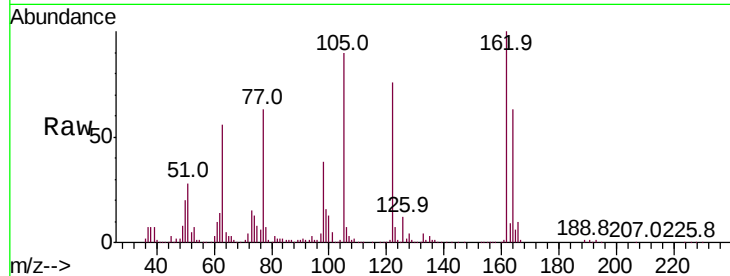
#32
Benzoic acid
Concen: 115.074 ng
RT: 7.80 min Scan# 972
Delta R.T. 0.05 min
Lab File: BF114933.D
Acq: 10 Jun 2019 14:41

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
122	100		
105	119.1	97.7	137.7
77	83.4	63.0	103.0

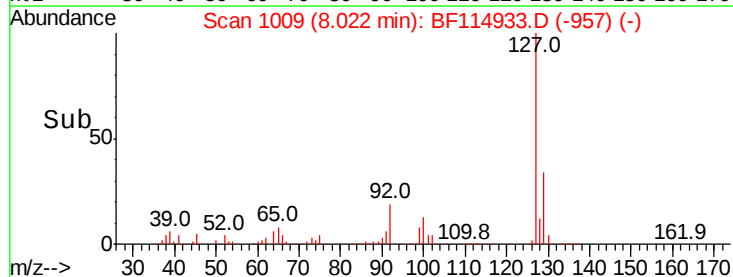
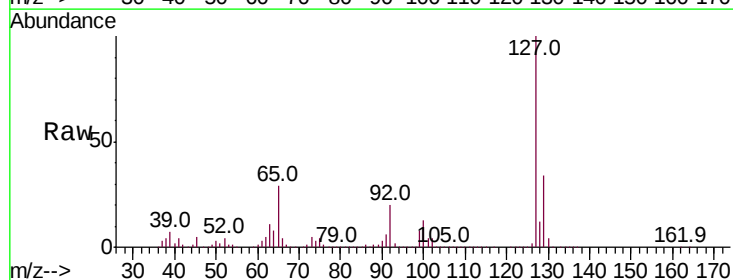
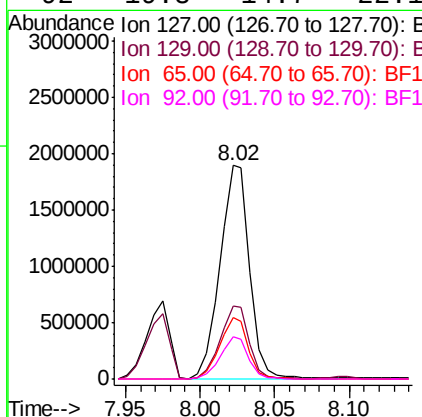
Manual Integrations
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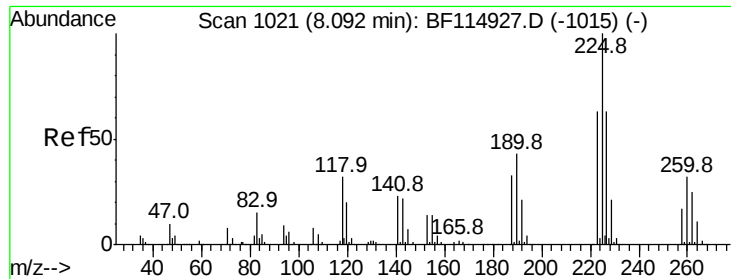
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#33
4-Chloroaniline
Concen: 91.318 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.01 min
Lab File: BF114933.D
Acq: 10 Jun 2019 14:41

Tgt Ion	Ratio	Lower	Upper
127	100		
129	34.1	26.6	40.0
65	28.9	21.5	32.3
92	19.8	14.7	22.1





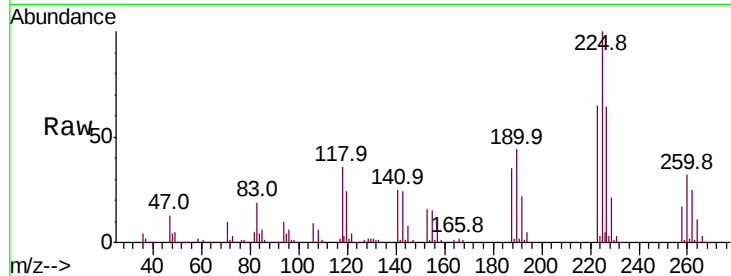
#34
Hexachlorobutadiene
Concen: 84.503 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF114933.D
Acq: 10 Jun 2019 14:41

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

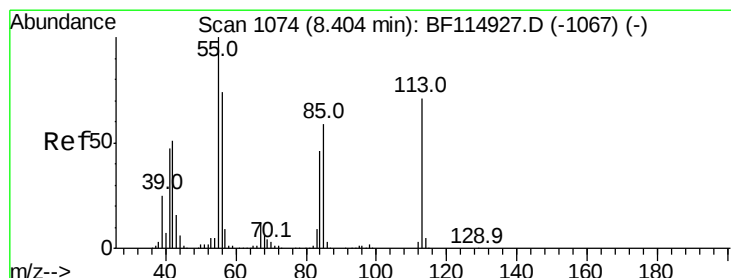
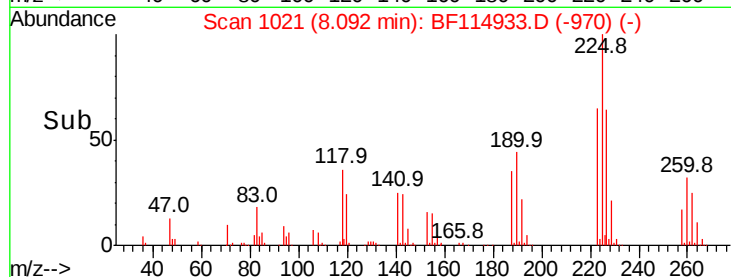
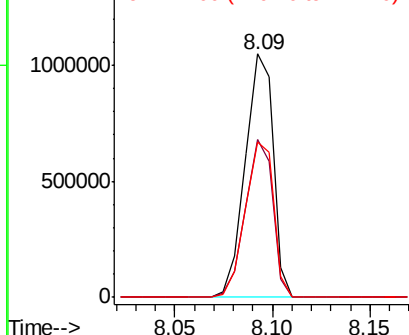
Tot Ion	Ratio	Lower	Upper
225	100		
223	64.6	50.6	75.8
227	63.9	50.6	75.8

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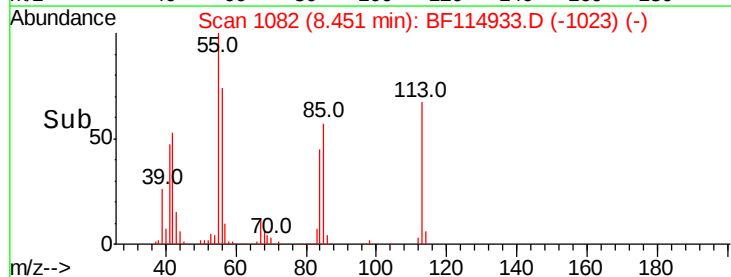
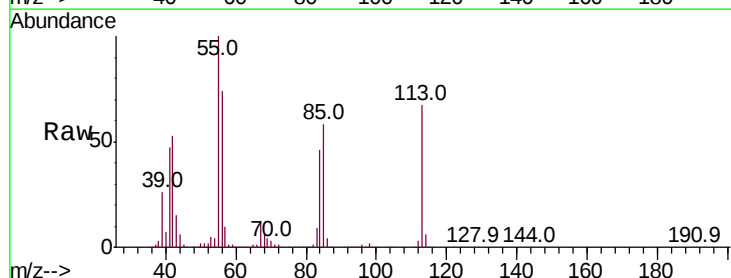
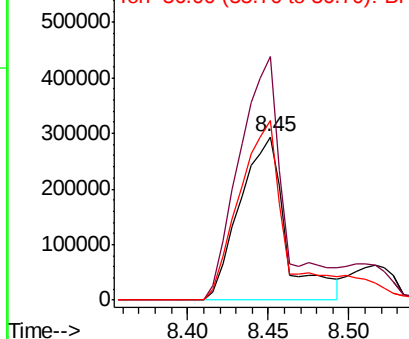
Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

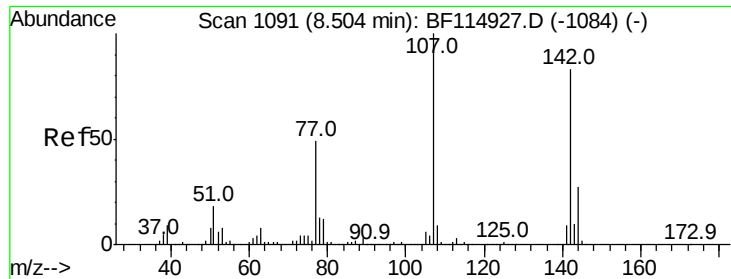


#35
Caprolactam
Concen: 90.764 ng m
RT: 8.45 min Scan# 1082
Delta R.T. 0.05 min
Lab File: BF114933.D
Acq: 10 Jun 2019 14:41

Tgt Ion	Ratio	Lower	Upper
113	100		
55	149.0	120.9	160.9
56	110.1	84.3	124.3

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





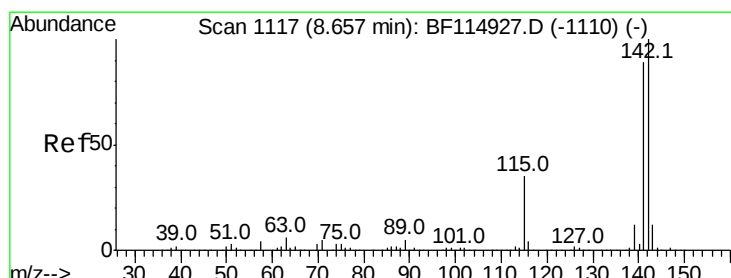
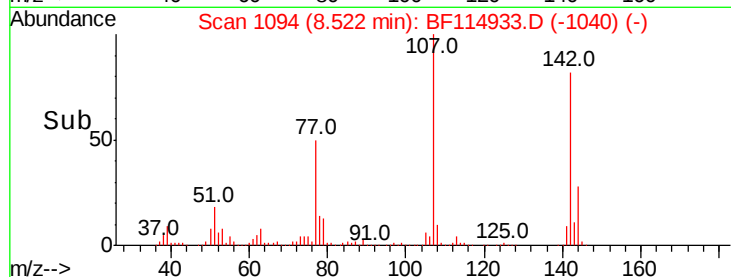
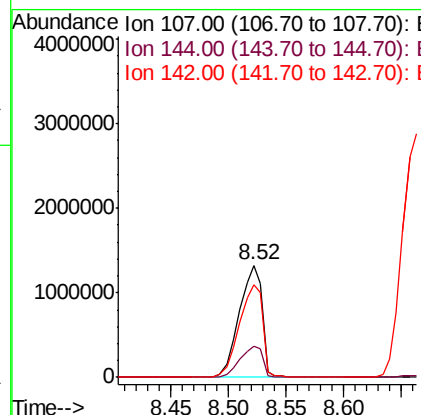
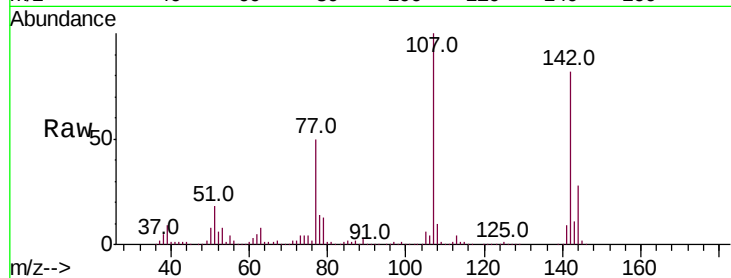
#36
 4-Chloro-3-methylphenol
 Concen: 94.482 ng
 RT: 8.52 min Scan# 1094
 Delta R.T. 0.02 min
 Lab File: BF114933.D
 Acq: 10 Jun 2019 14:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Tot Ion:	107	Resp:	1821554
Ion	Ratio	Lower	Upper
107	100		
144	27.9	21.6	32.4
142	82.0	66.1	99.1

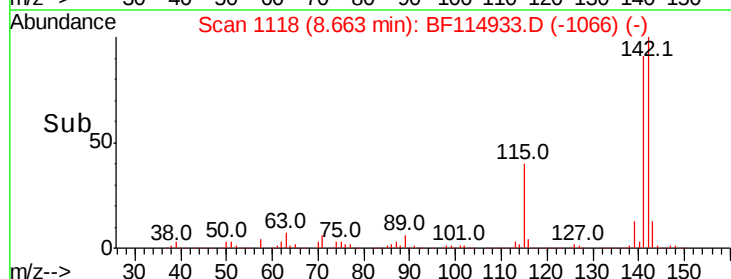
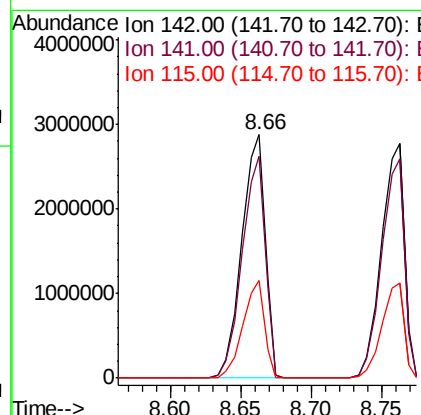
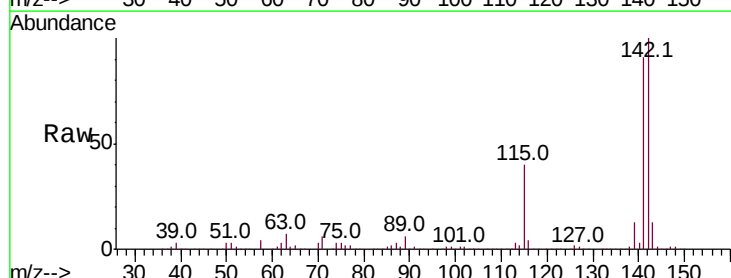
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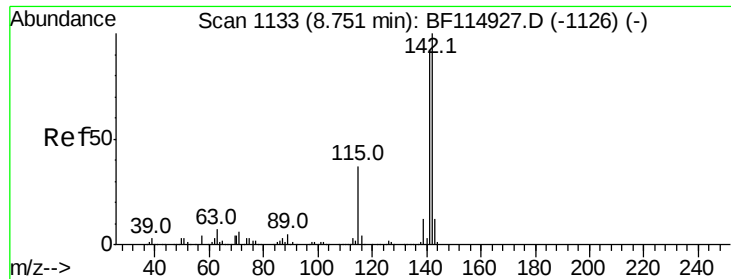
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#37
 2-Methylnaphthalene
 Concen: 80.071 ng
 RT: 8.66 min Scan# 1118
 Delta R.T. 0.01 min
 Lab File: BF114933.D
 Acq: 10 Jun 2019 14:41

Tgt Ion:	142	Resp:	3337876
Ion	Ratio	Lower	Upper
142	100		
141	90.9	71.1	106.7
115	40.2	27.8	41.6





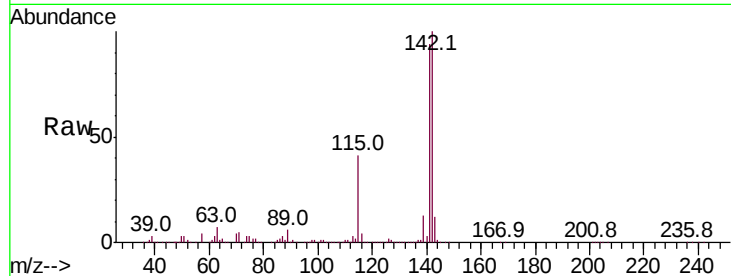
#38
1-Methylnaphthalene
Concen: 79.634 ng
RT: 8.76 min Scan# 1135
Delta R.T. 0.01 min
Lab File: BF114933.D
Acq: 10 Jun 2019 14:41

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.6	73.7	110.5
116	4.3	3.1	4.7

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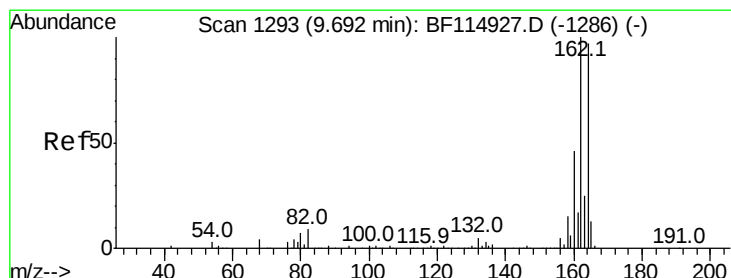
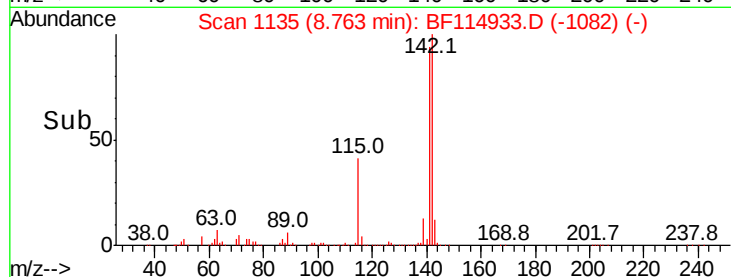
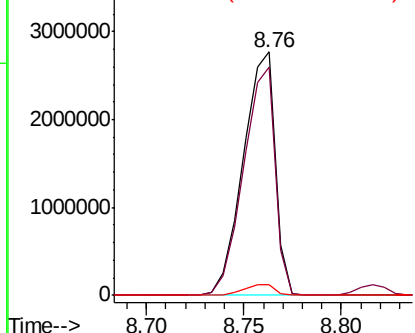


Abundance

Ion 142.00 (141.70 to 142.70): E

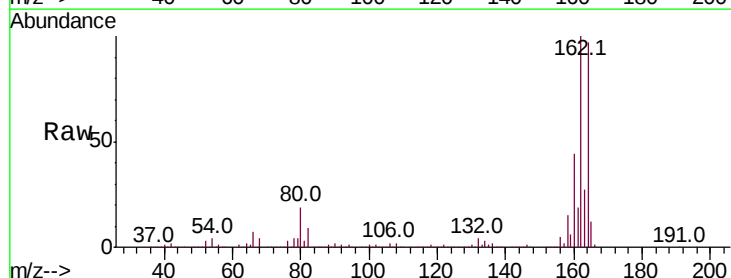
Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.01 min
Lab File: BF114933.D
Acq: 10 Jun 2019 14:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	82.4	123.6
160	45.9	37.5	56.3

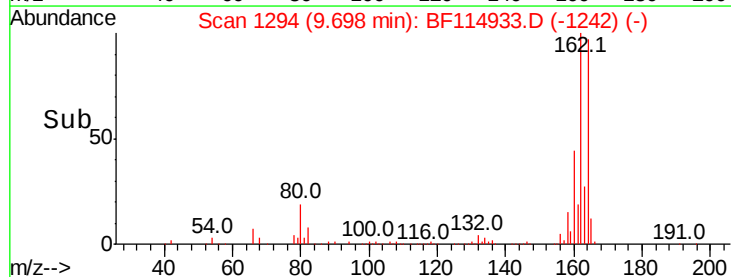
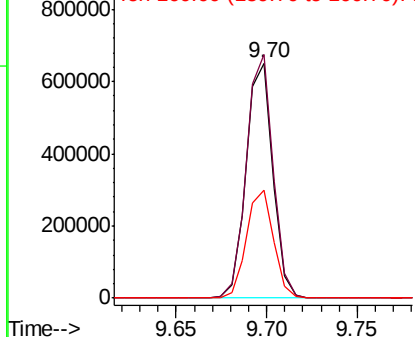


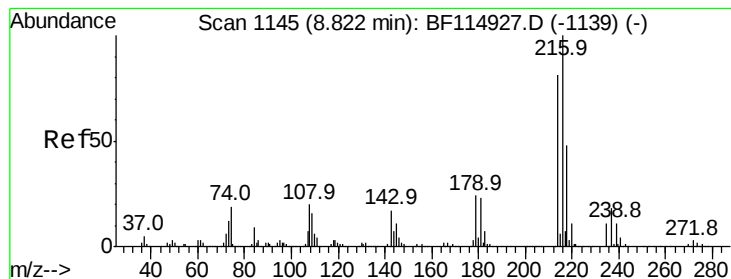
Abundance

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





#40

1,2,4,5-Tetrachlorobenzene

Concen: 80.715 ng

RT: 8.83 min Scan# 1147

Delta R.T. 0.01 min

Lab File: BF114933.D

Acq: 10 Jun 2019 14:41

Instrument :

BNA_F

ClientSampleId :

SSTDIC100

Tot Ion:216 Resp: 1515790

Ion Ratio Lower Upper

216 100

214 80.5 63.8 95.8

179 24.0 18.5 27.7

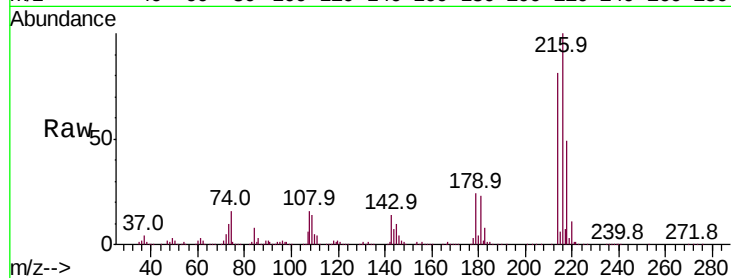
108 20.3 15.6 23.4

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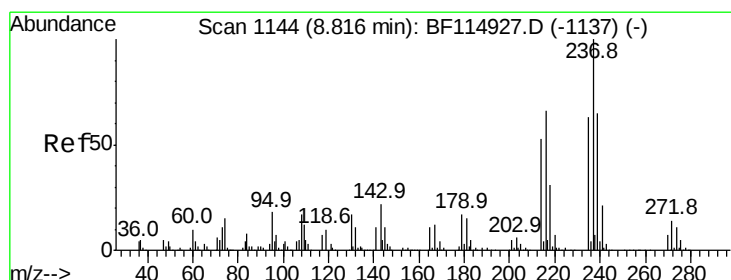
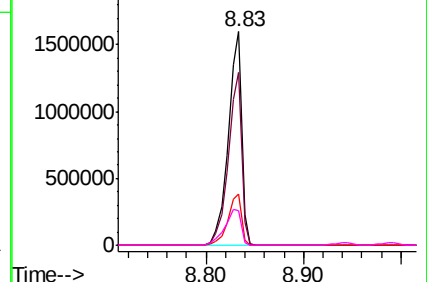
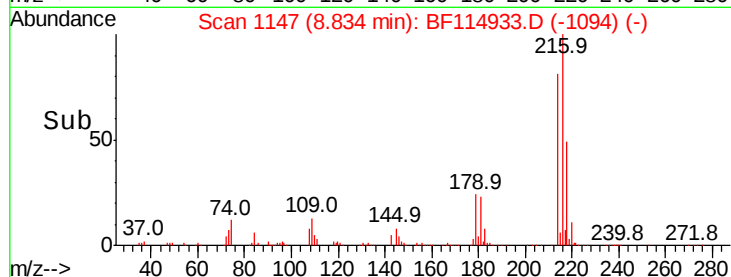


Abundance Ion 216.00 (215.70 to 216.70): E

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



#41

Hexachlorocyclopentadiene

Concen: 97.687 ng

RT: 8.82 min Scan# 1144

Delta R.T. -0.00 min

Lab File: BF114933.D

Acq: 10 Jun 2019 14:41

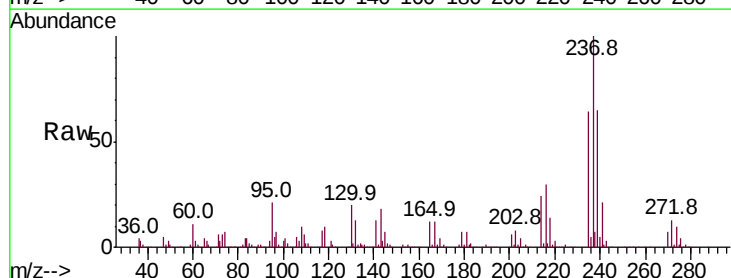
Tgt Ion:237 Resp: 1036128

Ion Ratio Lower Upper

237 100

235 64.3 43.3 83.3

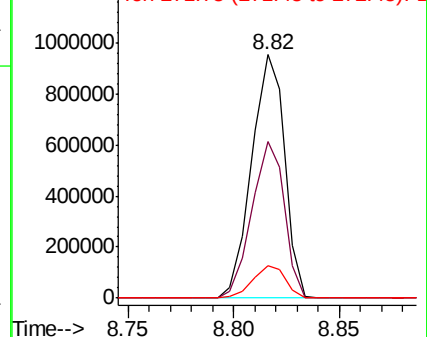
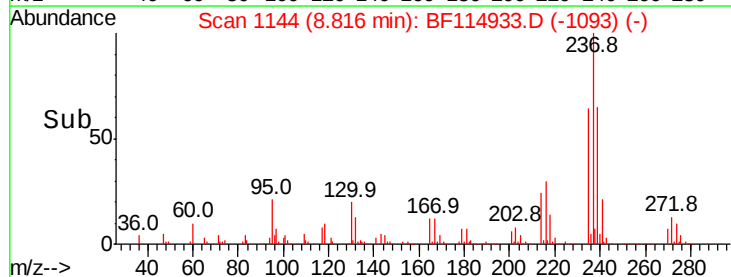
272 13.2 0.0 33.5

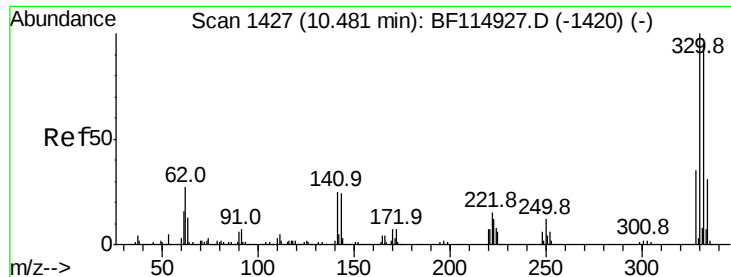


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#42

2,4,6-Tribromophenol

Concen: 171.298 ng

RT: 10.49 min Scan# 1429

Delta R.T. 0.01 min

Lab File: BF114933.D

Acq: 10 Jun 2019 14:41

Instrument :

BNA_F

ClientSampled :

SSTDICC100

Tot Ion:330 Resp: 1208800

Ion Ratio Lower Upper

330 100

332 96.6 76.4 114.6

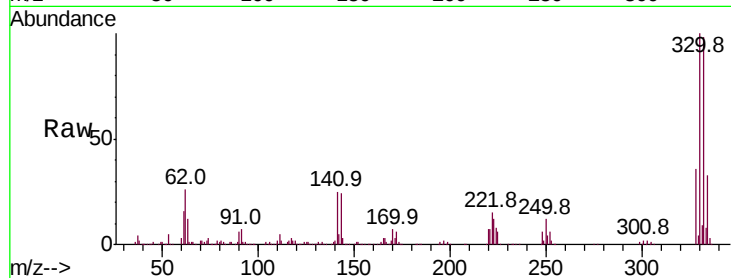
141 32.0 26.8 40.2

Manual Integrations

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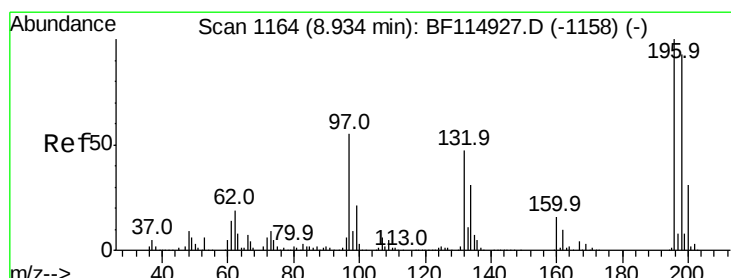
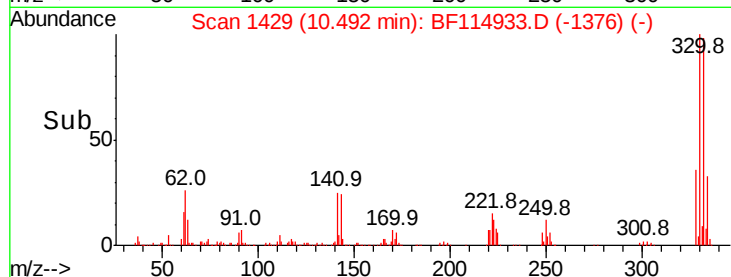
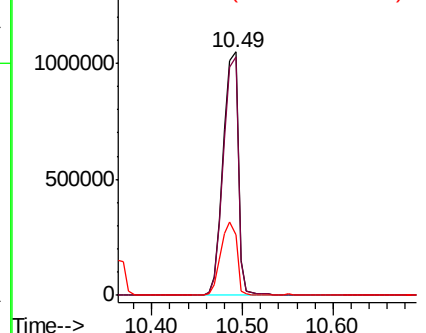
6/12/2019 9:14:01 AM



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#43

2,4,6-Trichlorophenol

Concen: 93.949 ng

RT: 8.95 min Scan# 1166

Delta R.T. 0.01 min

Lab File: BF114933.D

Acq: 10 Jun 2019 14:41

Tgt Ion:196 Resp: 1326550

Ion Ratio Lower Upper

196 100

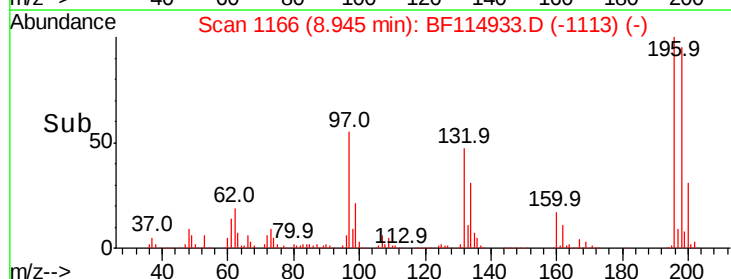
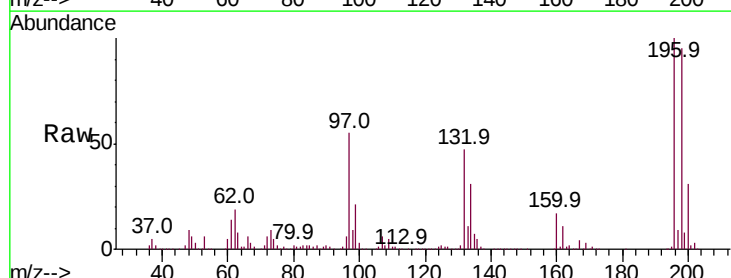
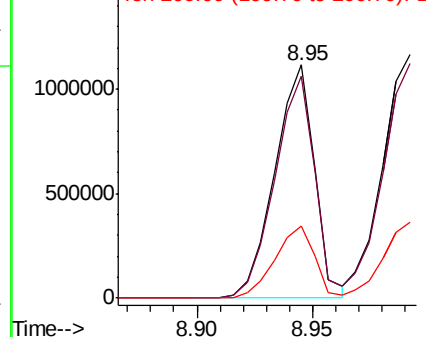
198 95.3 74.8 112.2

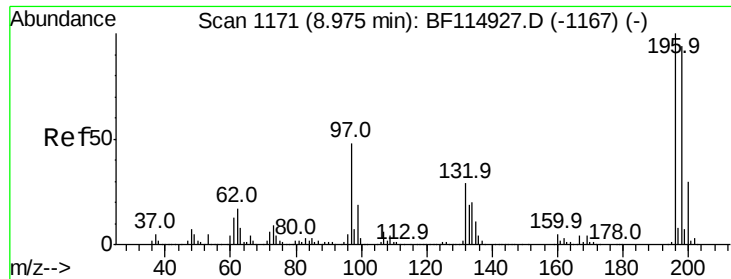
200 31.1 24.5 36.7

Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





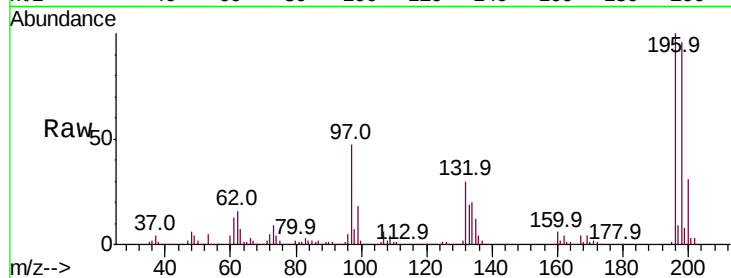
#44
 2,4,5-Trichlorophenol
 Concen: 90.602 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. 0.02 min
 Lab File: BF114933.D
 Acq: 10 Jun 2019 14:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Tot Ion	Ratio	Resp	Lower	Upper
196	100	1322842		
198	96.4		75.6	113.4
97	47.3		38.6	57.8
132	30.0		23.7	35.5

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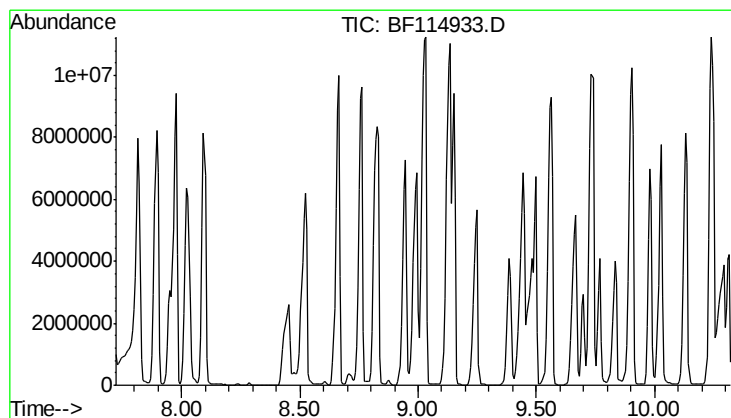
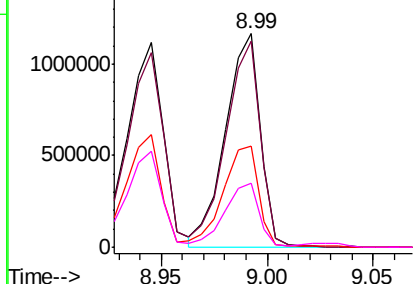
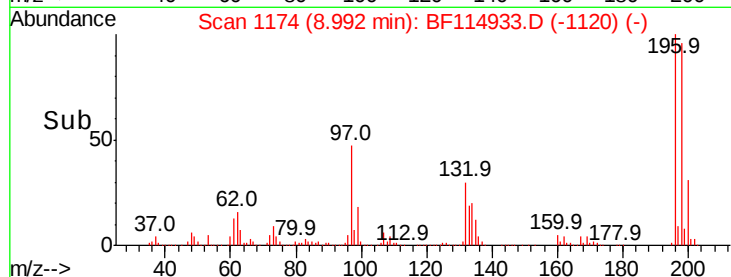
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

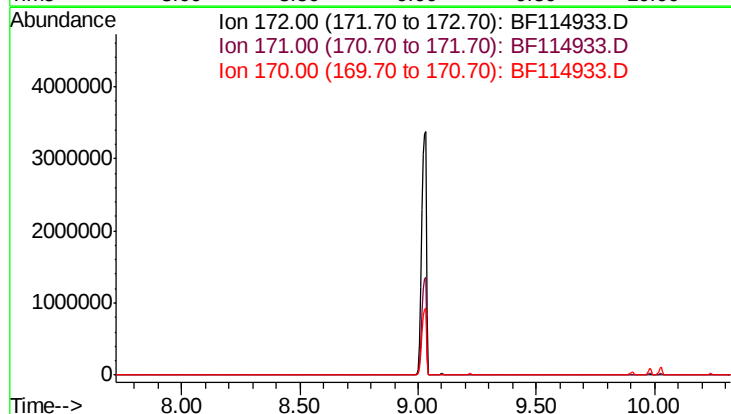
Ion 132.00 (131.70 to 132.70): E

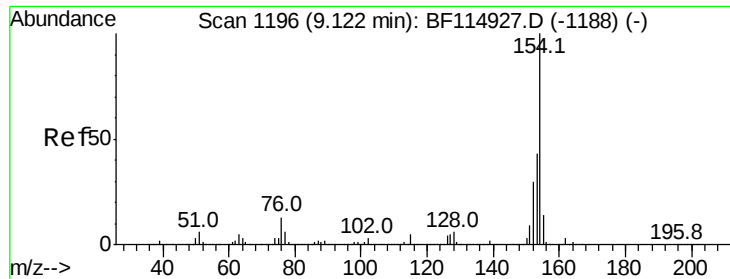


#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 9.02 min

Lab File: BF114933.D
 Acq: 10 Jun 2019 14:41

Tgt Ion	Exp Ratio
172	100
171	39.1
170	26.7





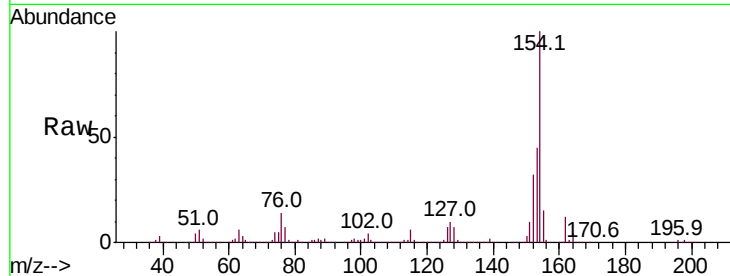
#46
1,1'-Biphenyl
Concen: 74.839 ng
RT: 9.13 min Scan# 1198
Delta R.T. 0.01 min
Lab File: BF114933.D
Acq: 10 Jun 2019 14:41

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
154	100		
153	45.4	22.8	62.8
76	13.8	0.0	33.0

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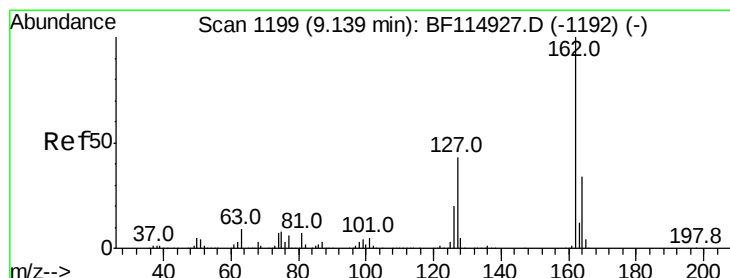
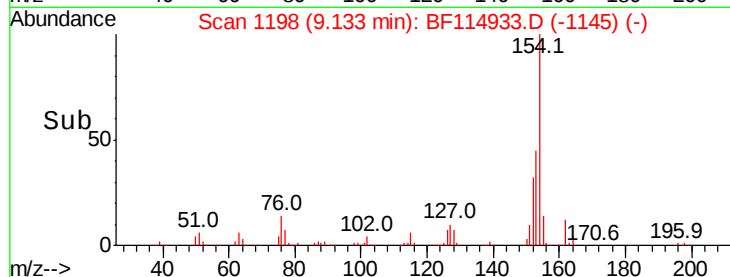
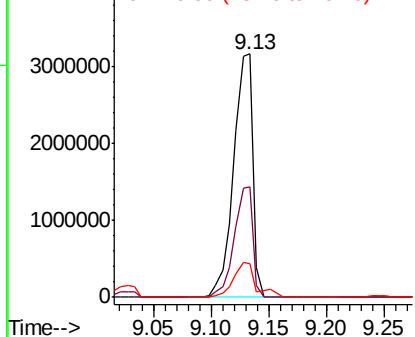


Abundance

Ion 154.00 (153.70 to 154.70): E

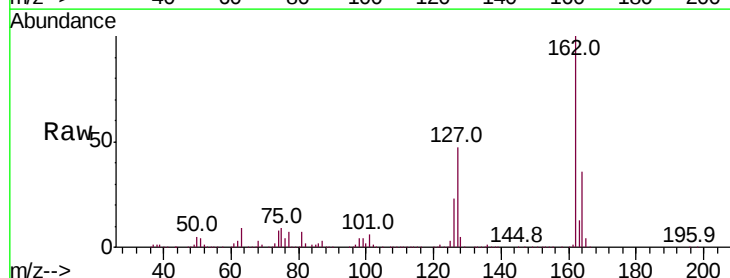
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#47
2-Chloronaphthalene
Concen: 81.084 ng
RT: 9.15 min Scan# 1201
Delta R.T. 0.01 min
Lab File: BF114933.D
Acq: 10 Jun 2019 14:41

Tgt Ion	Ratio	Lower	Upper
162	100		
127	46.7	34.6	51.8
164	36.5	27.5	41.3

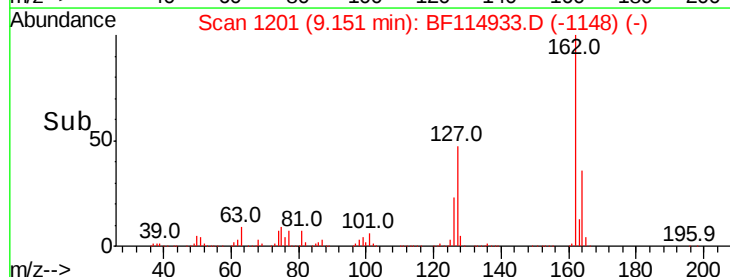
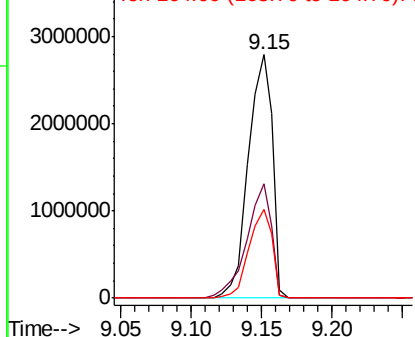


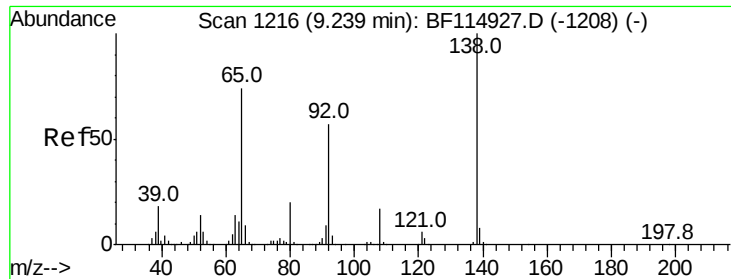
Abundance

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





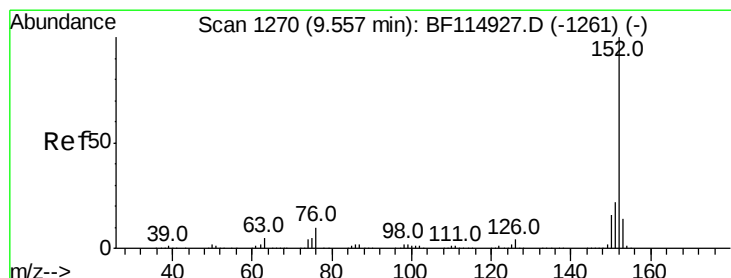
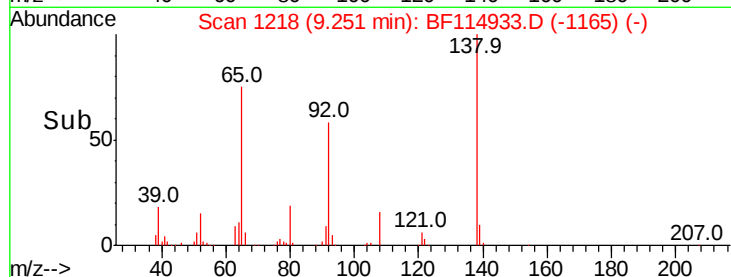
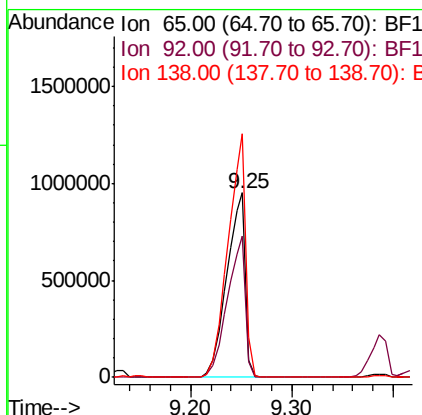
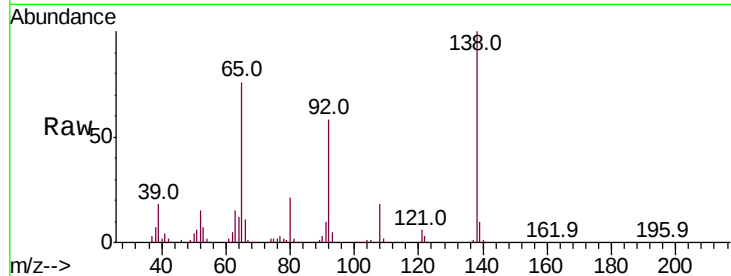
#48
2-Nitroaniline
Concen: 96.623 ng
RT: 9.25 min Scan# 1218
Delta R.T. 0.01 min
Lab File: BF114933.D
Acq: 10 Jun 2019 14:41

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion: 65 Resp: 1196782
Ion Ratio Lower Upper
65 100
92 76.7 61.9 92.9
138 132.0 108.6 162.8

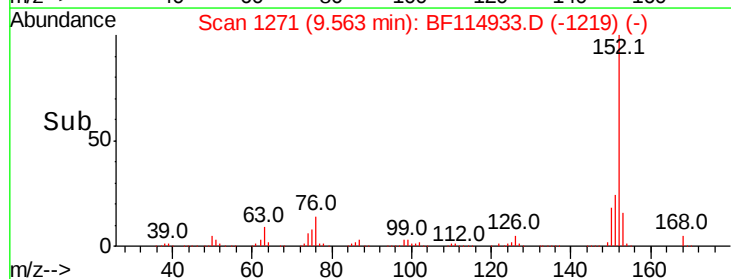
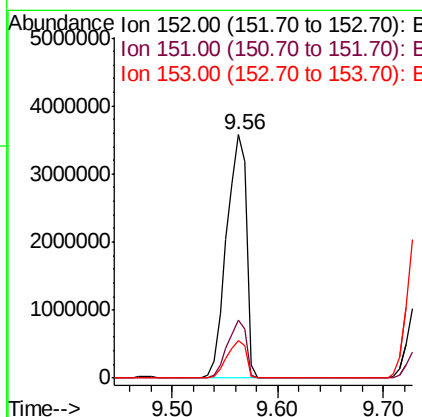
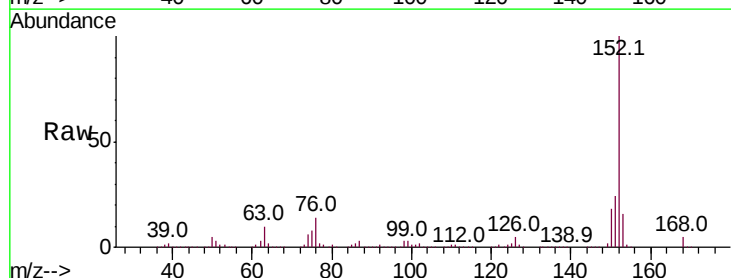
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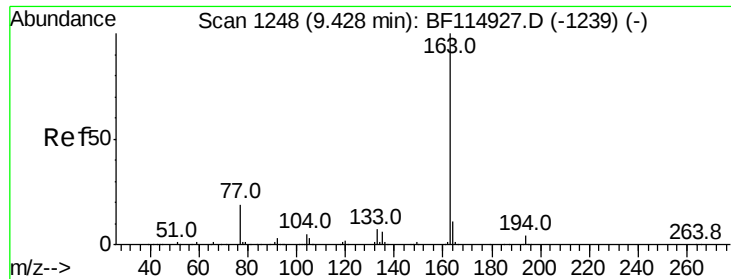
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#49
Acenaphthylene
Concen: 76.018 ng
RT: 9.56 min Scan# 1271
Delta R.T. 0.01 min
Lab File: BF114933.D
Acq: 10 Jun 2019 14:41

Tgt Ion: 152 Resp: 4630075
Ion Ratio Lower Upper
152 100
151 23.9 17.6 26.4
153 15.7 11.4 17.0





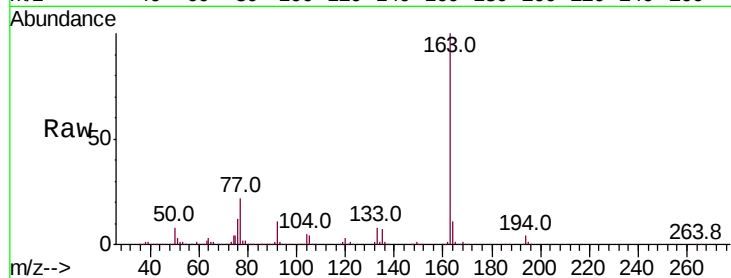
#50
 Dimethylphthalate
 Concen: 91.171 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. 0.02 min
 Lab File: BF114933.D
 Acq: 10 Jun 2019 14:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

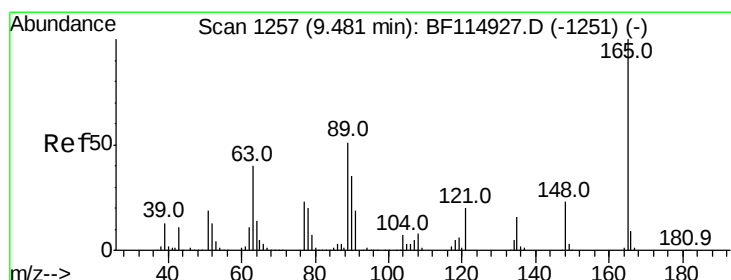
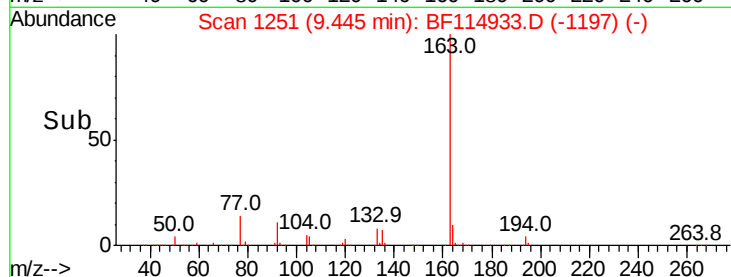
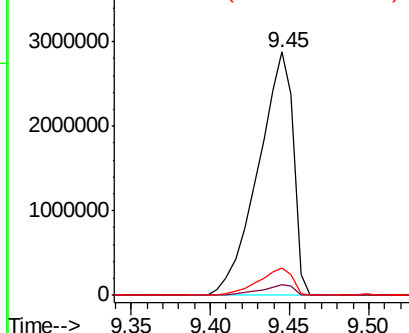
Tot Ion:	163	Resp:	4425242
Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.0
164	11.5	8.7	13.1

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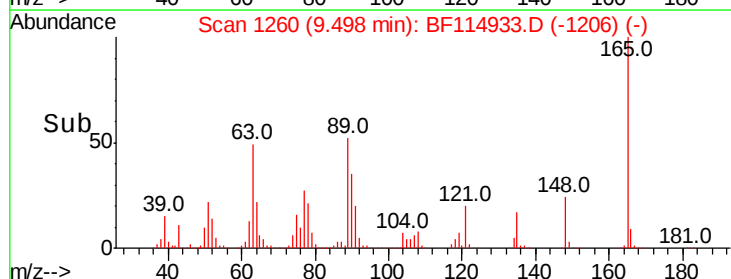
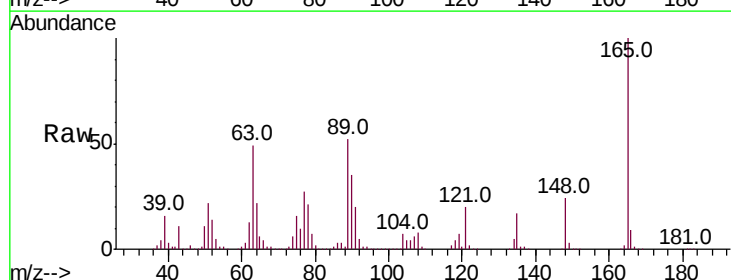
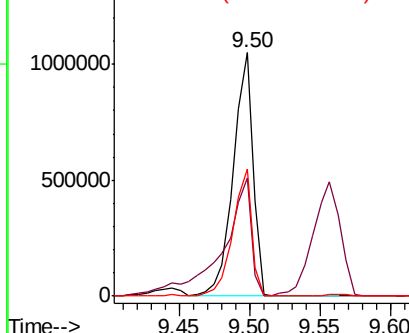
Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

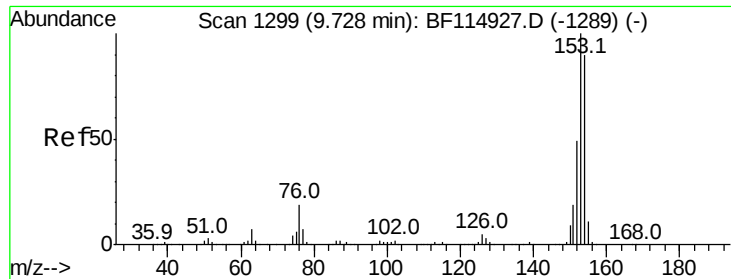


#51
 2,6-Dinitrotoluene
 Concen: 91.294 ng
 RT: 9.50 min Scan# 1260
 Delta R.T. 0.02 min
 Lab File: BF114933.D
 Acq: 10 Jun 2019 14:41

Tgt Ion:	165	Resp:	1021644
Ion	Ratio	Lower	Upper
165	100		
63	48.6	38.3	57.5
89	52.1	40.8	61.2

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





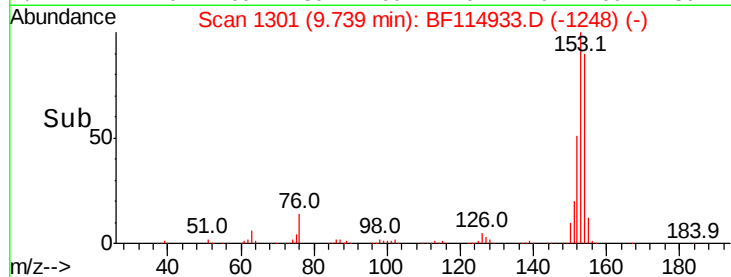
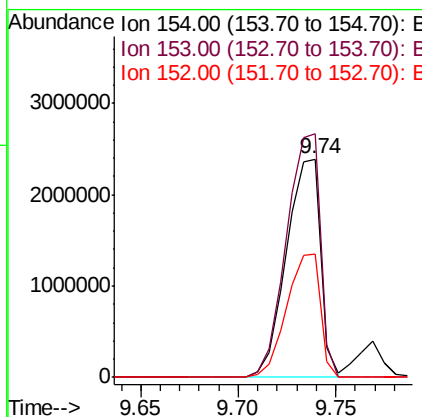
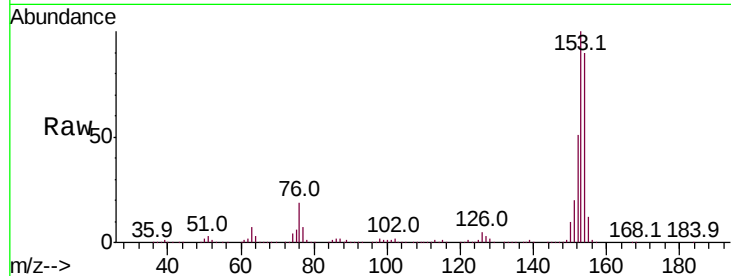
#52
Acenaphthene
Concen: 78.718 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.01 min
Lab File: BF114933.D
Acq: 10 Jun 2019 14:41

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion:154 Resp: 2900745
Ion Ratio Lower Upper
154 100
153 111.5 89.1 133.7
152 56.4 43.8 65.6

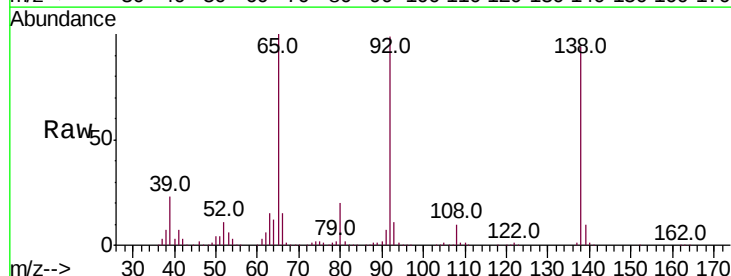
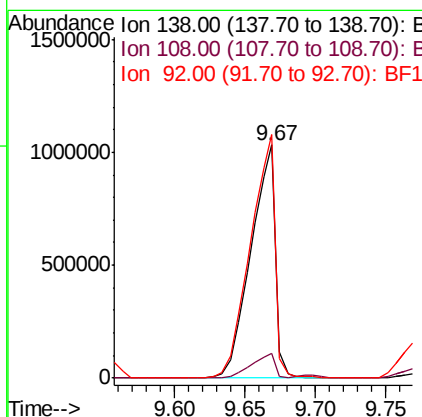
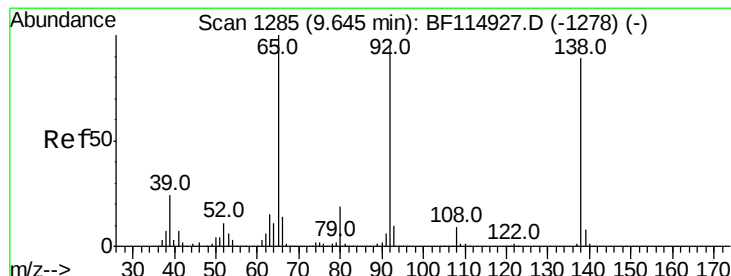
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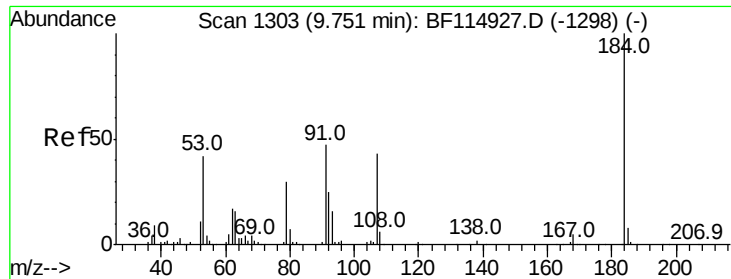
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#53
3-Nitroaniline
Concen: 94.346 ng
RT: 9.67 min Scan# 1289
Delta R.T. 0.02 min
Lab File: BF114933.D
Acq: 10 Jun 2019 14:41

Tgt Ion:138 Resp: 1269186
Ion Ratio Lower Upper
138 100
108 10.5 7.9 11.9
92 104.5 85.0 127.6





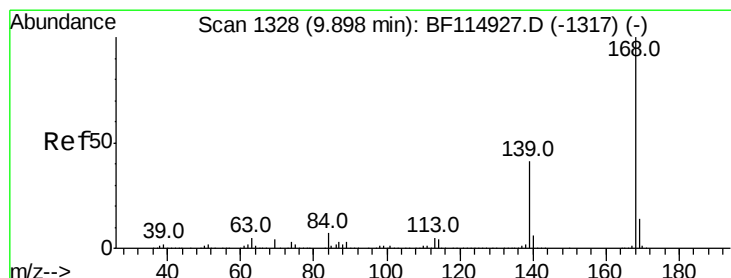
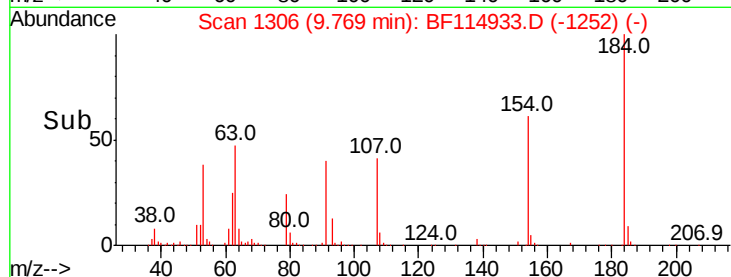
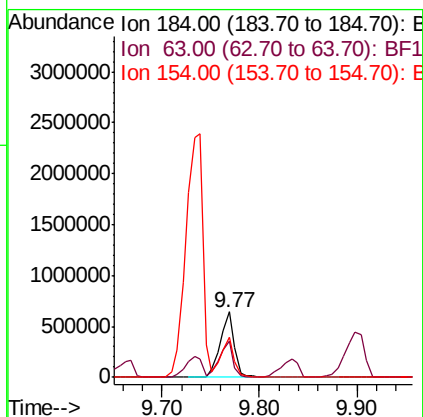
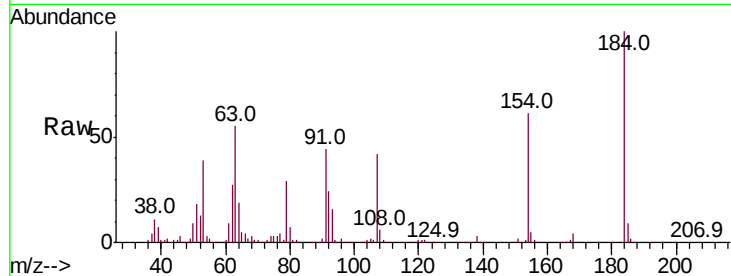
#54
2,4-Dinitrophenol
Concen: 118.829 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.02 min
Lab File: BF114933.D
Acq: 10 Jun 2019 14:41

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
184	100		
63	55.2	47.4	71.0
154	60.9	48.6	73.0

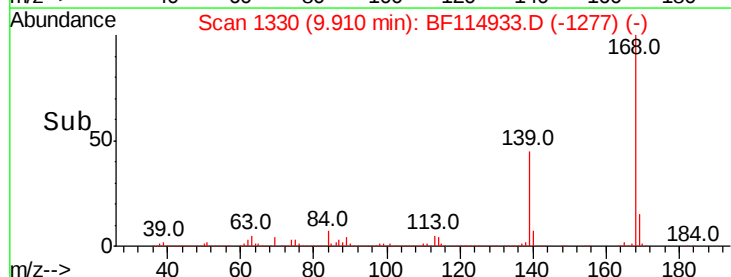
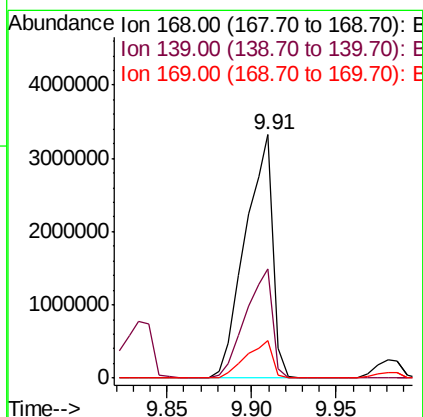
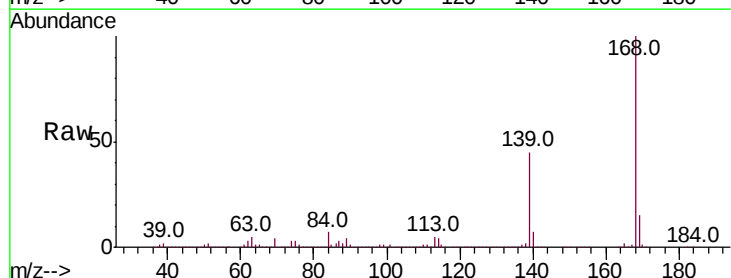
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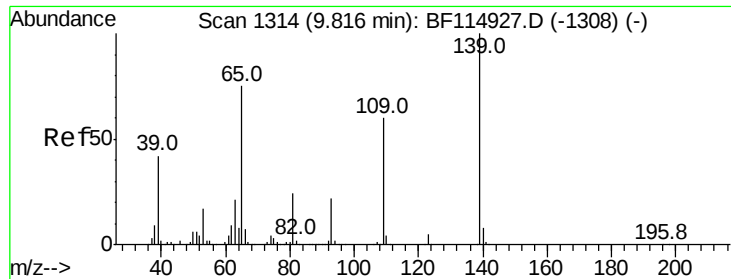
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#55
Dibenzofuran
Concen: 71.801 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF114933.D
Acq: 10 Jun 2019 14:41

Tgt Ion	Ratio	Lower	Upper
168	100		
139	44.6	33.0	49.4
169	15.5	11.6	17.4





#56

4-Nitrophenol

Concen: 103.821 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.02 min

Lab File: BF114933.D

Acq: 10 Jun 2019 14:41

Instrument :

BNA_F

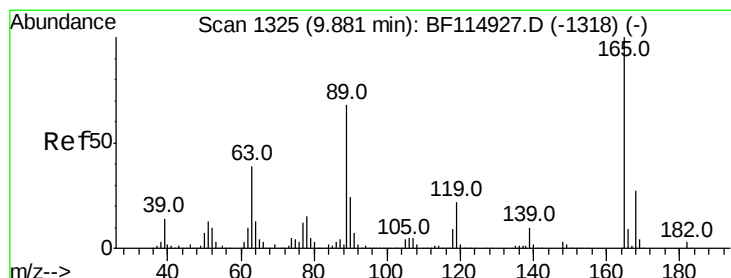
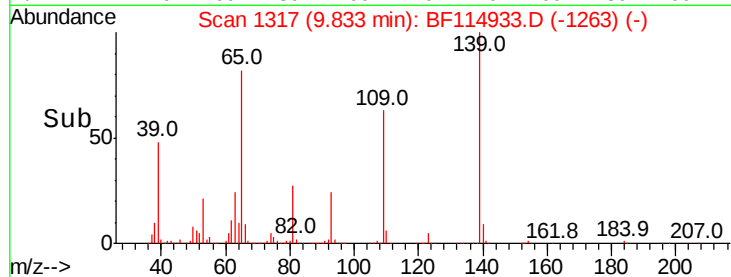
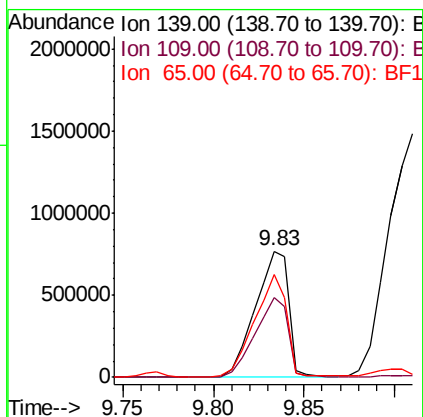
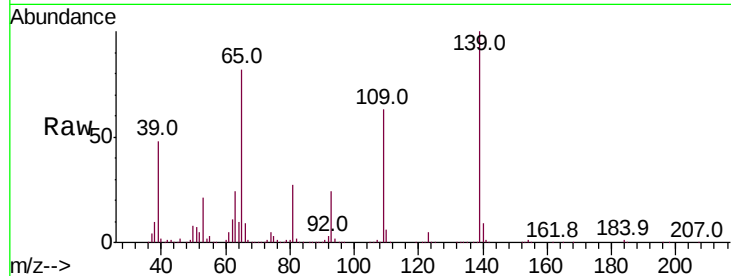
ClientSampleId :

SSTDICC100

Tot Ion:	139	Resp:	981337
Ion Ratio	Lower	Upper	
139	100		
109	63.2	40.0	80.0
65	82.0	55.0	95.0

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#57

2,4-Dinitrotoluene

Concen: 78.088 ng

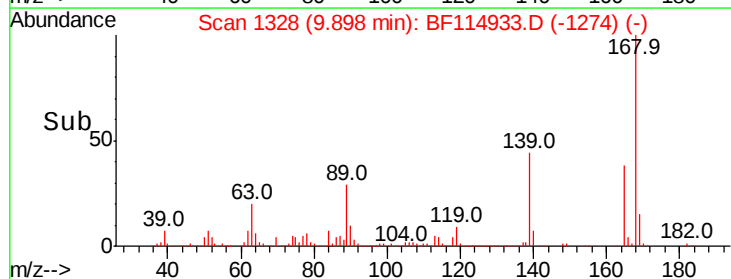
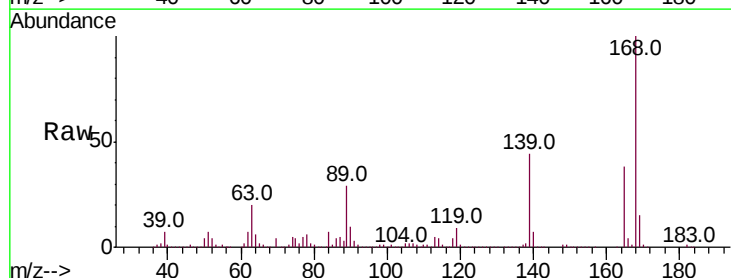
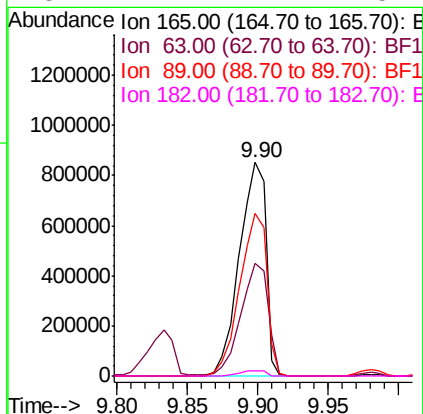
RT: 9.90 min Scan# 1328

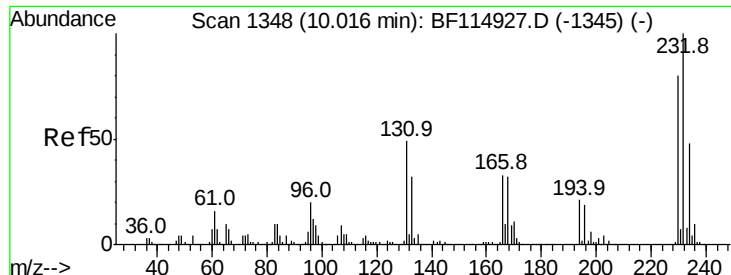
Delta R.T. 0.02 min

Lab File: BF114933.D

Acq: 10 Jun 2019 14:41

Tgt Ion:	165	Resp:	1116398
Ion Ratio	Lower	Upper	
165	100		
63	52.7	31.8	47.6#
89	76.1	54.2	81.2
182	2.7	2.1	3.1





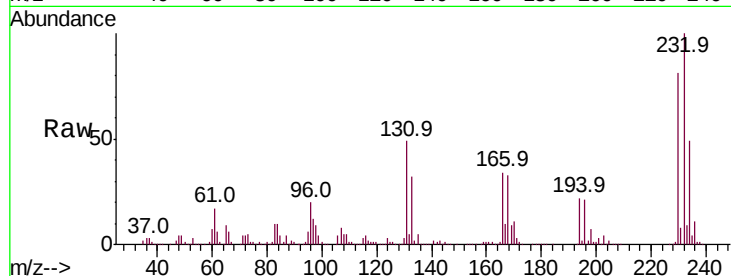
#59
2,3,4,6-Tetrachlorophenol
Concen: 88.168 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF114933.D
Acq: 10 Jun 2019 14:41

Instrument :
BNA_F
ClientSampleId :
SSTDIC100

Tot Ion	Ratio	Lower	Upper
232	100		
131	48.4	37.0	55.4
130	2.4	1.8	2.6
166	32.5	25.0	37.6

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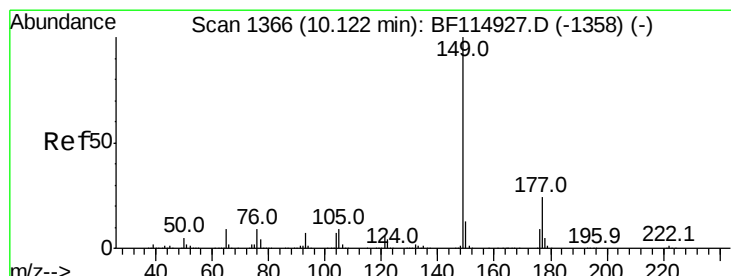
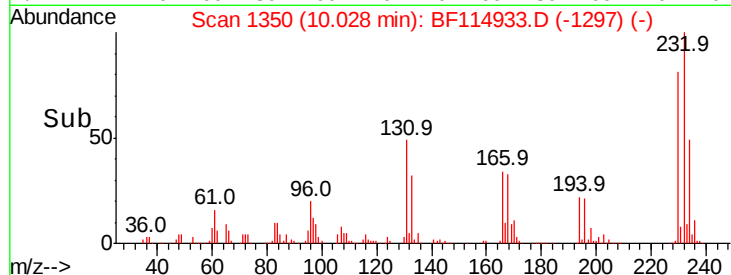
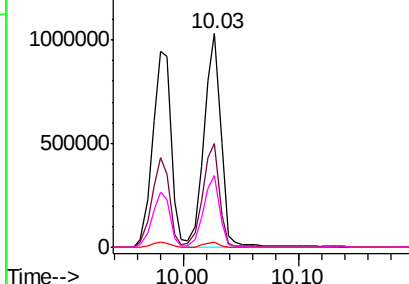
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

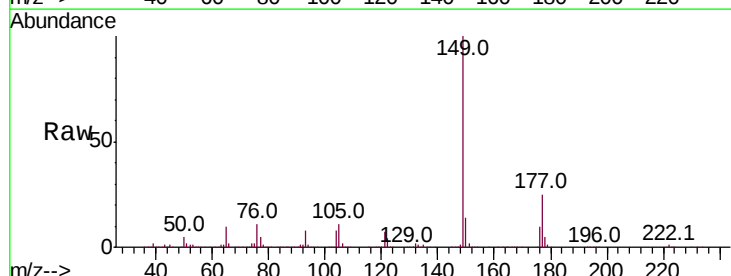
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 82.475 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.01 min
Lab File: BF114933.D
Acq: 10 Jun 2019 14:41

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.9	19.1	28.7
150	14.5	10.6	16.0

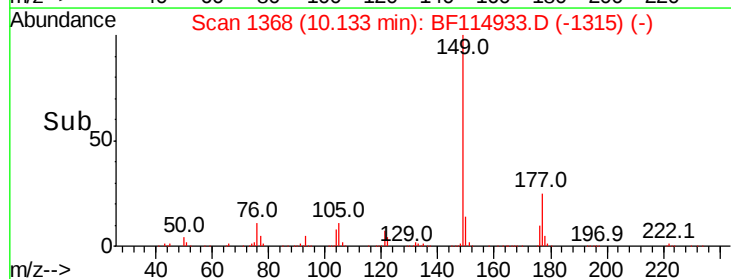
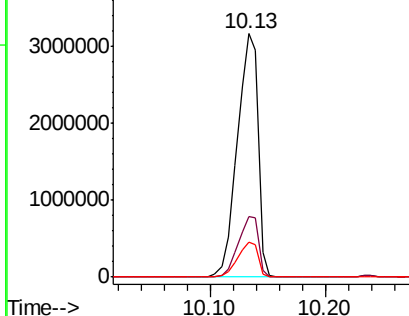


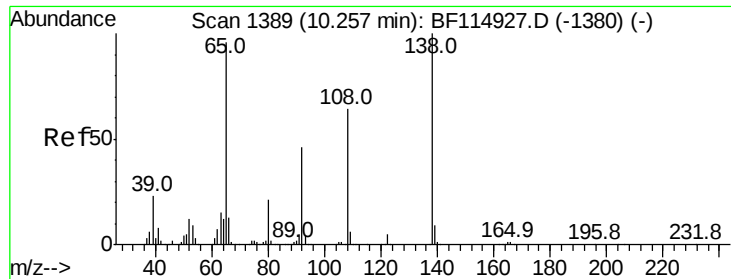
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#62

4-Nitroaniline

Concen: 97.875 ng

RT: 10.29 min Scan# 1395

Delta R.T. 0.04 min

Lab File: BF114933.D

Acq: 10 Jun 2019 14:41

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

Tot Ion:138 Resp: 1340838

Ion Ratio Lower Upper

138 100

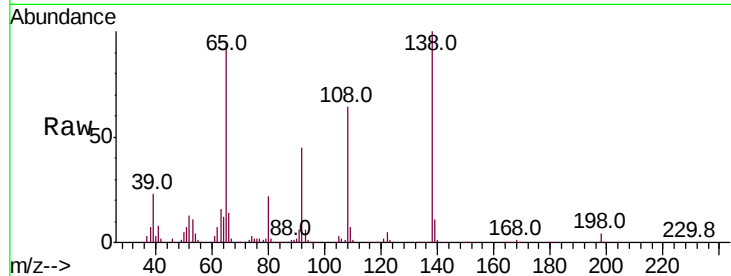
92 45.5 26.0 66.0

108 64.5 44.0 84.0

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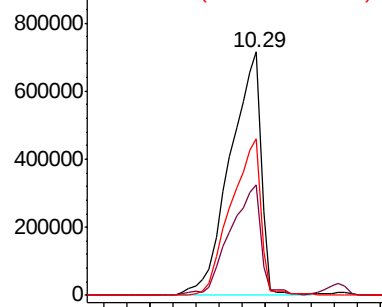
6/12/2019 9:14:01 AM



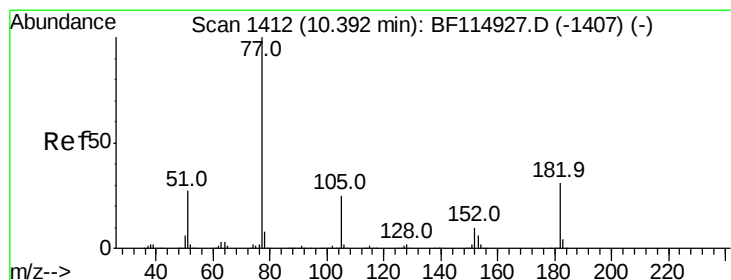
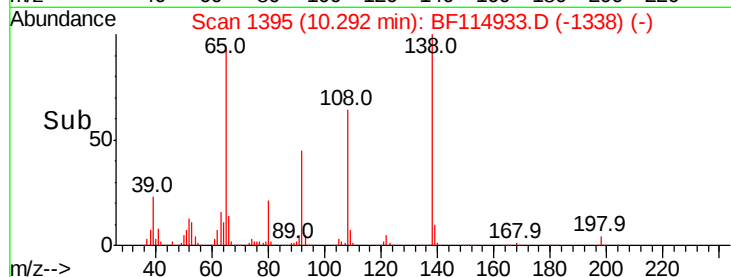
Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



Time-->



#63

Azobenzene

Concen: 82.412 ng

RT: 10.40 min Scan# 1414

Delta R.T. 0.01 min

Lab File: BF114933.D

Acq: 10 Jun 2019 14:41

Tgt Ion: 77 Resp: 3410788

Ion Ratio Lower Upper

77 100

182 33.9 10.8 50.8

105 26.9 5.3 45.3

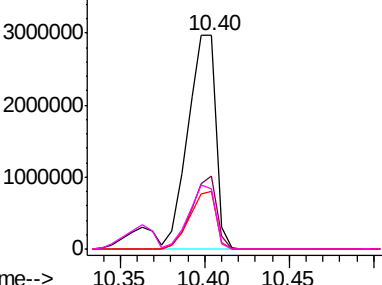
51 28.2 6.8 46.8

Abundance Ion 77.00 (76.70 to 77.70): BF1

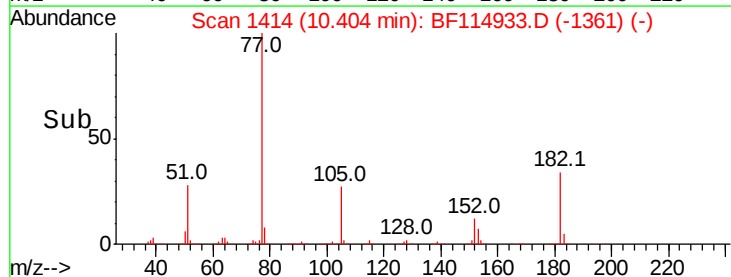
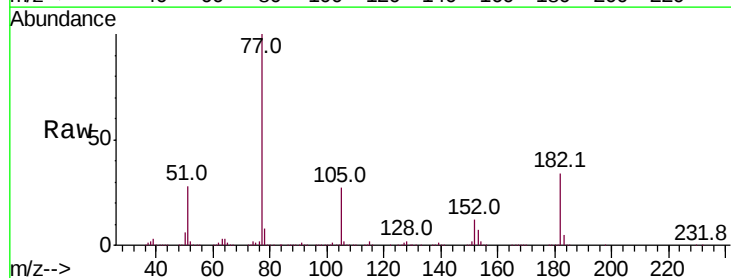
Ion 182.00 (181.70 to 182.70): E

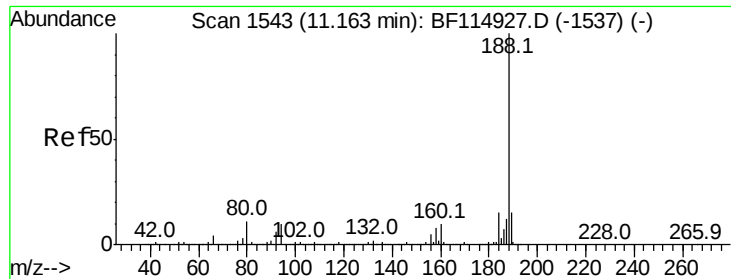
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



Time-->





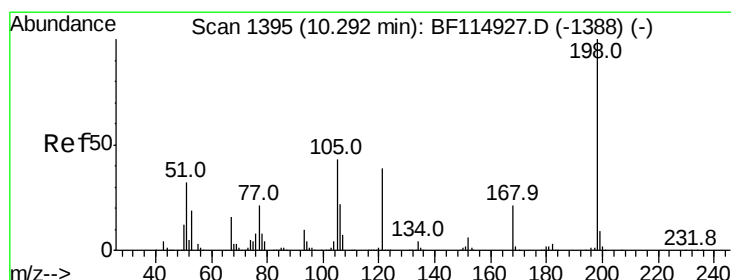
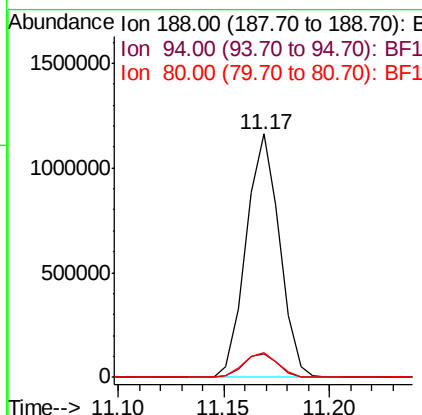
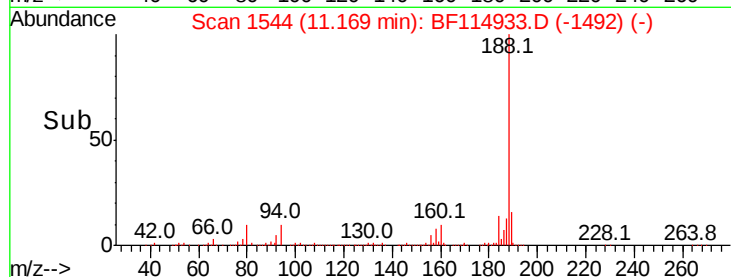
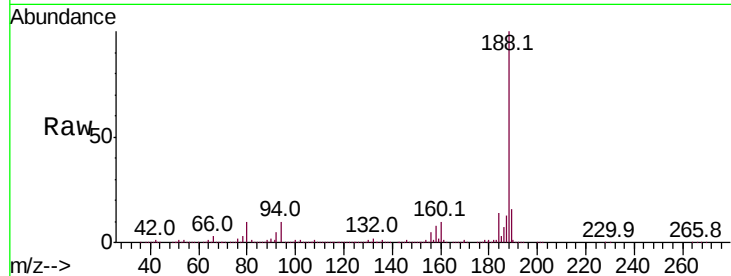
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1544
Delta R.T. 0.01 min
Lab File: BF114933.D
Acq: 10 Jun 2019 14:41

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.1	12.1
80	10.1	8.6	12.8

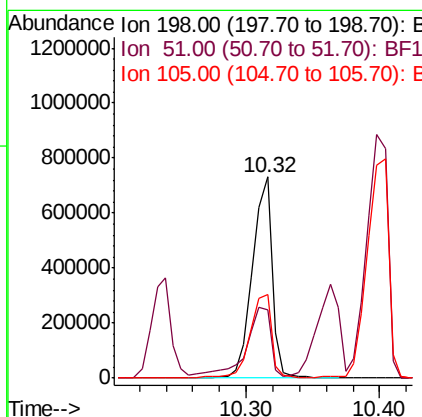
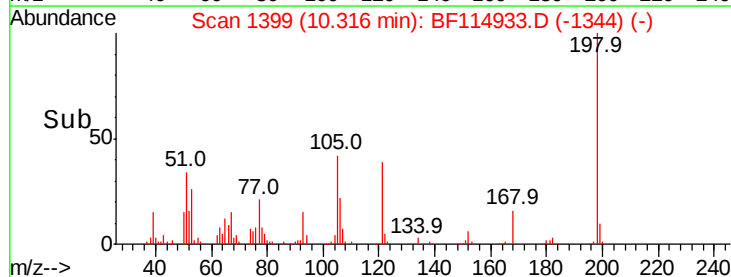
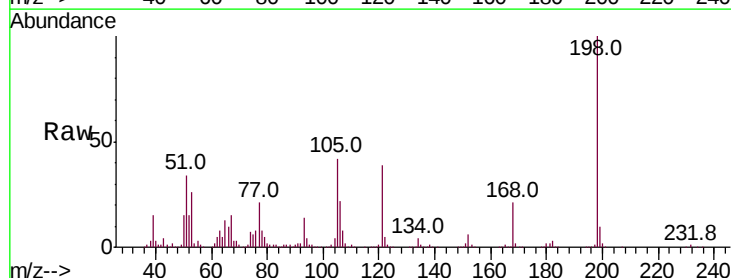
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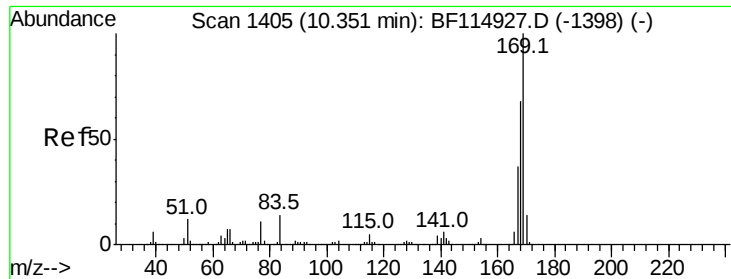
mohammad
6/12/2019 9:14:01 AM



#65
4,6-Dinitro-2-methylphenol
Concen: 106.579 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.02 min
Lab File: BF114933.D
Acq: 10 Jun 2019 14:41

Tgt Ion	Ratio	Lower	Upper
198	100		
51	33.7	16.8	56.8
105	41.7	23.5	63.5





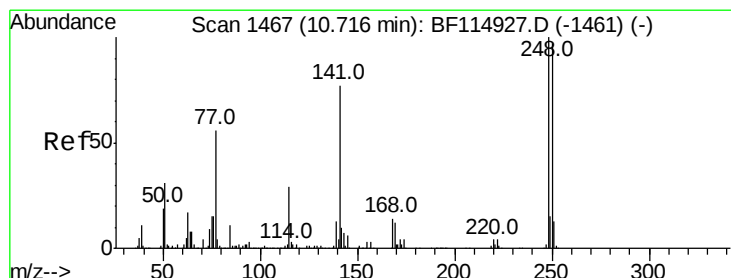
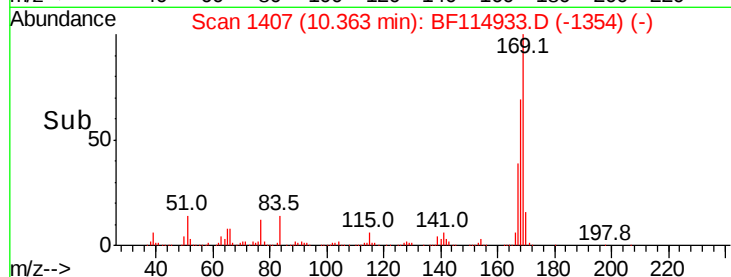
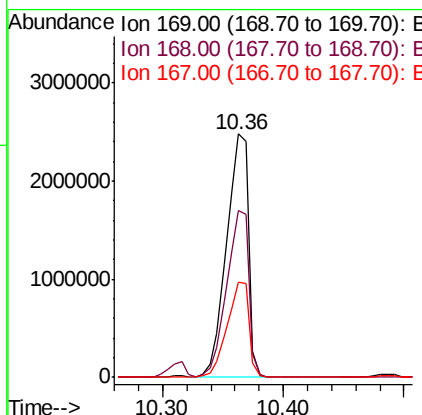
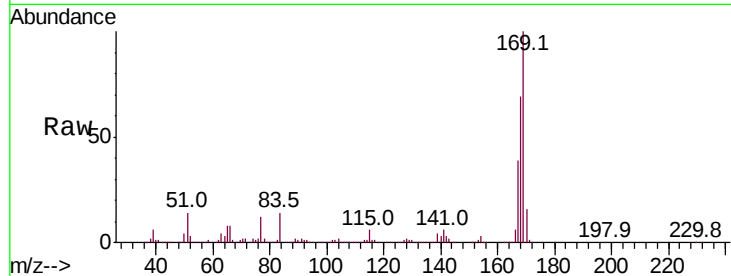
#66
n-Nitrosodiphenylamine
Concen: 84.026 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.01 min
Lab File: BF114933.D
Acq: 10 Jun 2019 14:41

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion:169 Resp: 3124463
Ion Ratio Lower Upper
169 100
168 68.7 54.2 81.2
167 39.2 29.4 44.2

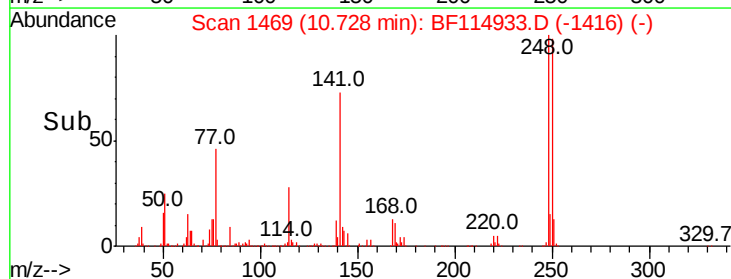
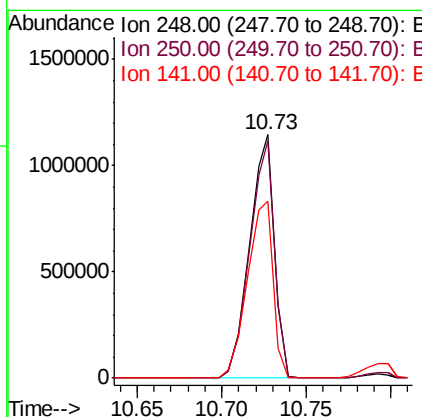
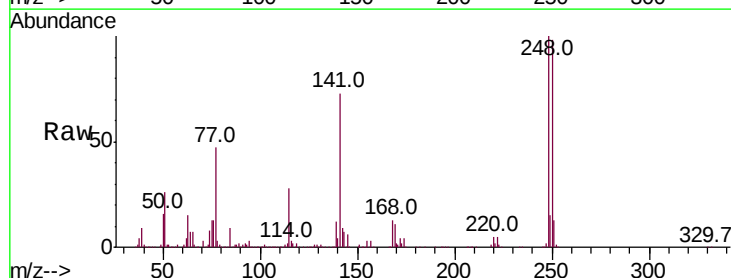
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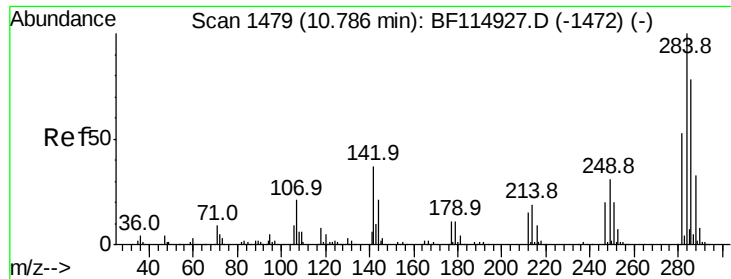
mohammad
6/12/2019 9:14:01 AM



#67
4-Bromophenyl-phenylether
Concen: 86.819 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.01 min
Lab File: BF114933.D
Acq: 10 Jun 2019 14:41

Tgt Ion:248 Resp: 1178041
Ion Ratio Lower Upper
248 100
250 97.5 77.4 116.0
141 72.6 61.8 92.6





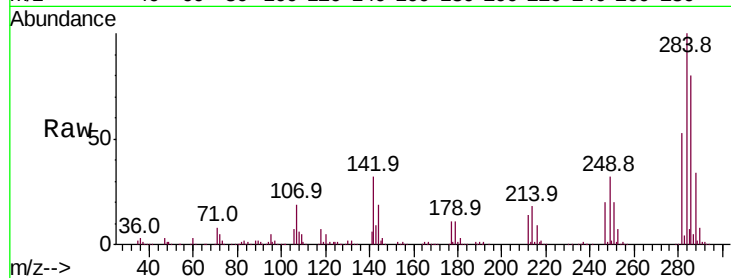
#68
Hexachlorobenzene
Concen: 87.068 ng
RT: 10.80 min Scan# 1481
Delta R.T. 0.01 min
Lab File: BF114933.D
Acq: 10 Jun 2019 14:41

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
284	100		
142	31.7	29.3	43.9
249	31.5	25.1	37.7

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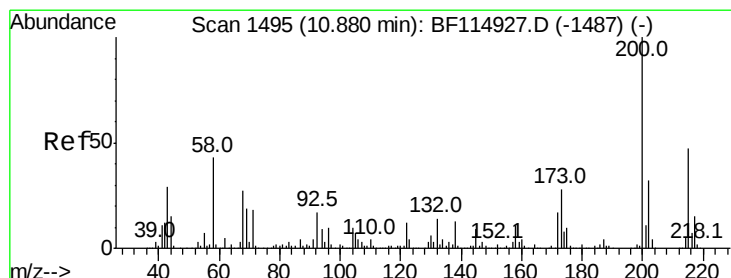
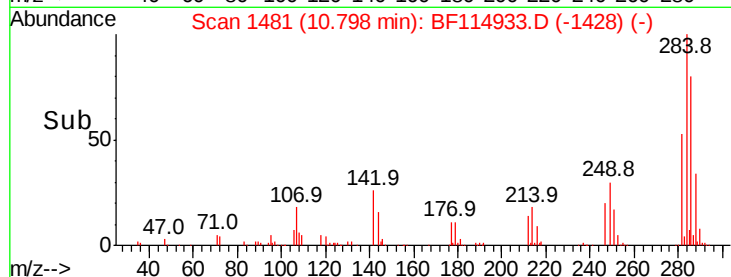
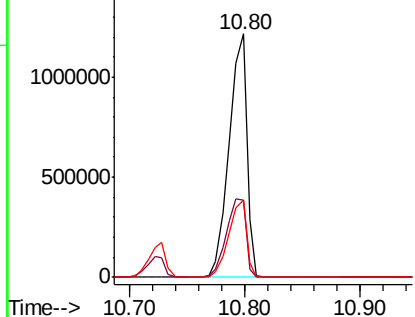


Abundance

Ion 283.80 (283.50 to 284.50): E

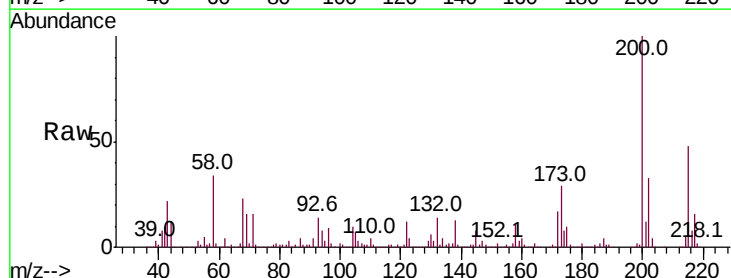
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#69
Atrazine
Concen: 85.510 ng
RT: 10.90 min Scan# 1498
Delta R.T. 0.02 min
Lab File: BF114933.D
Acq: 10 Jun 2019 14:41

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.7	8.3	48.3
215	48.4	26.6	66.6

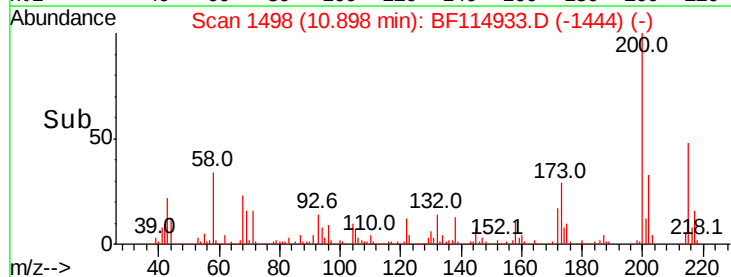
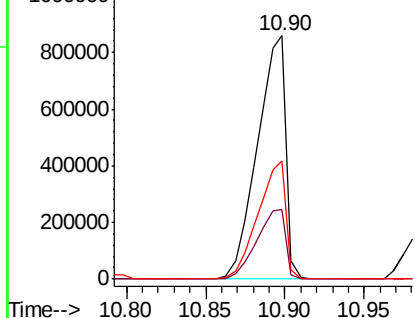


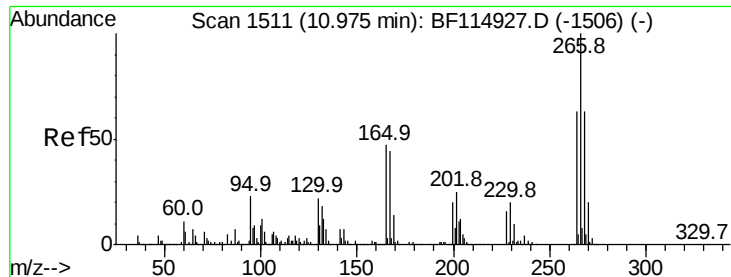
Abundance

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





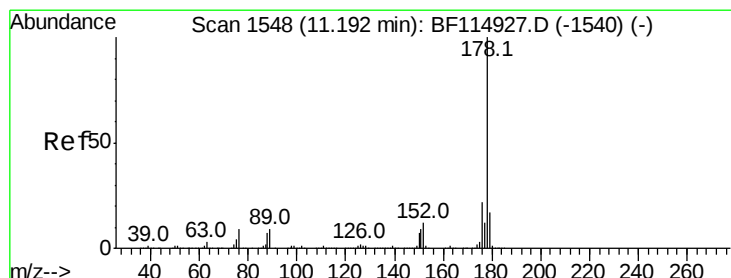
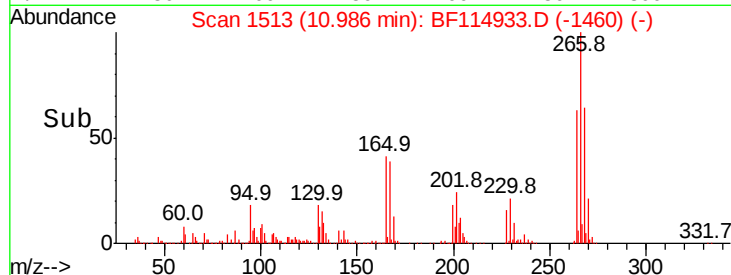
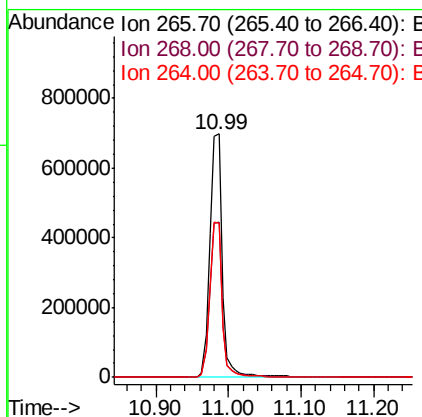
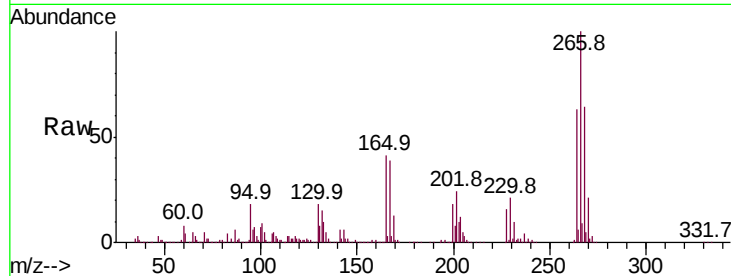
#70
 Pentachlorophenol
 Concen: 100.725 ng
 RT: 10.99 min Scan# 1513
 Delta R.T. 0.01 min
 Lab File: BF114933.D
 Acq: 10 Jun 2019 14:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	64.0	50.8	76.2	
264	63.5	50.4	75.6	

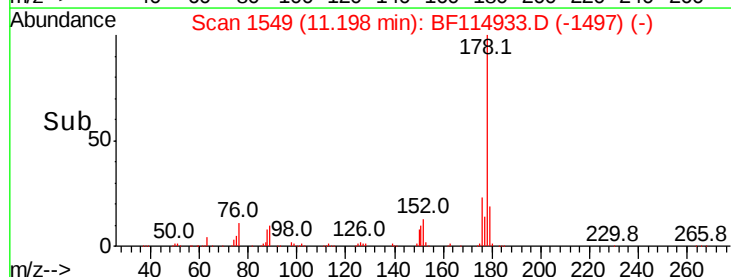
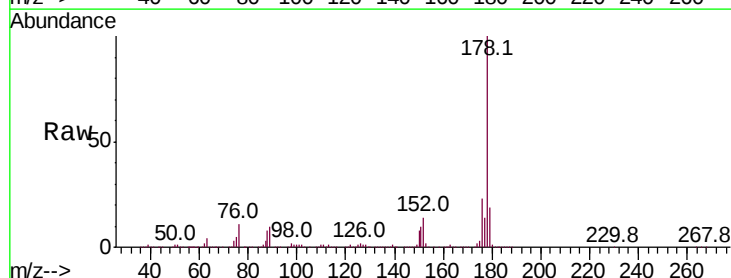
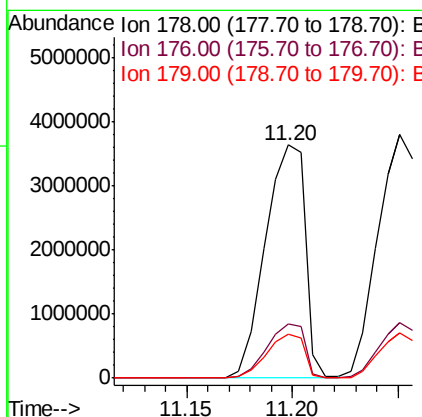
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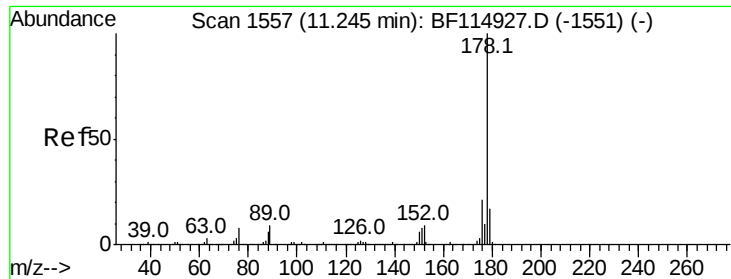
mohammad
 6/12/2019 9:14:01 AM



#71
 Phenanthrene
 Concen: 78.282 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. 0.01 min
 Lab File: BF114933.D
 Acq: 10 Jun 2019 14:41

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	23.3	17.4	26.2	
179	18.6	13.6	20.4	





#72

Anthracene

Concen: 76.880 ng

RT: 11.25 min Scan# 1558

Delta R.T. 0.01 min

Lab File: BF114933.D

Acq: 10 Jun 2019 14:41

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

Tot Ion:178 Resp: 4772490

Ion Ratio Lower Upper

178 100

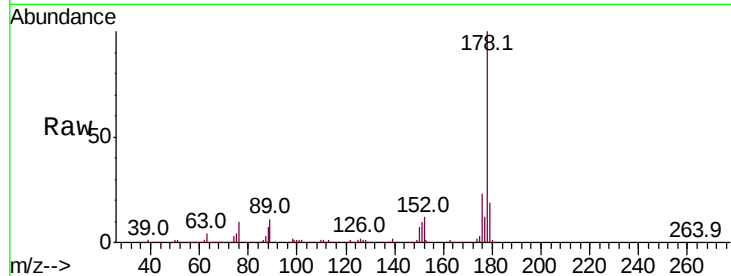
176 22.8 16.6 25.0

179 18.8 13.4 20.2

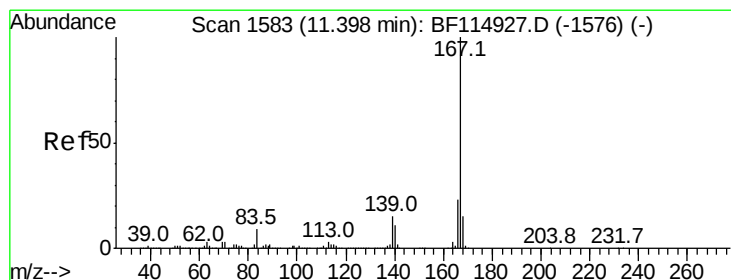
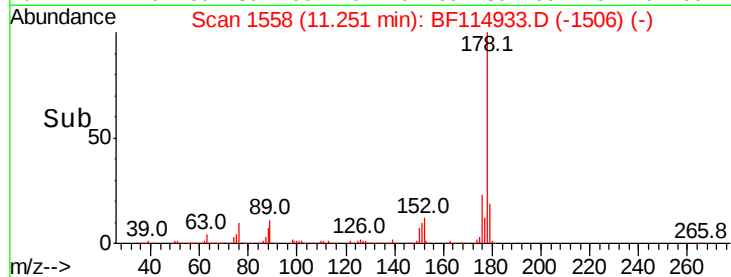
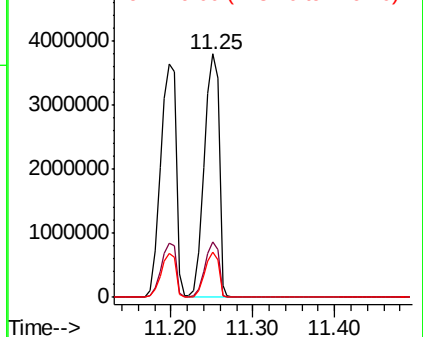
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 82.033 ng

RT: 11.40 min Scan# 1584

Delta R.T. 0.01 min

Lab File: BF114933.D

Acq: 10 Jun 2019 14:41

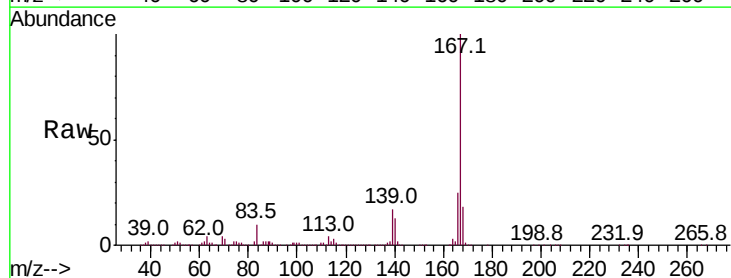
Tgt Ion:167 Resp: 4609872

Ion Ratio Lower Upper

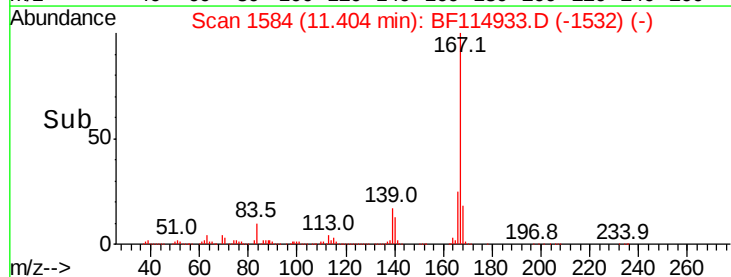
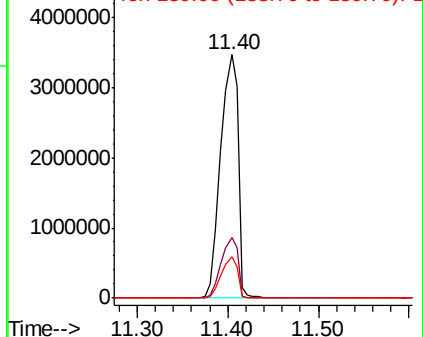
167 100

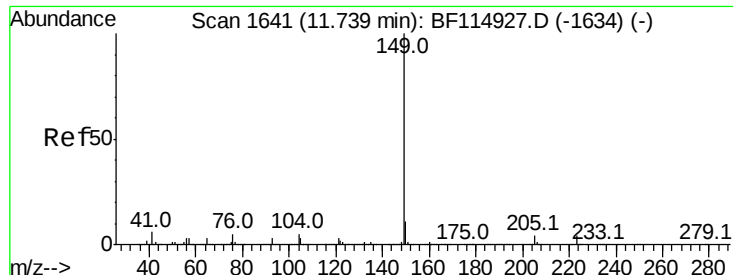
166 24.9 18.8 28.2

139 16.8 11.6 17.4



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 73.937 ng

RT: 11.75 min Scan# 1642

Delta R.T. 0.01 min

Lab File: BF114933.D

Acq: 10 Jun 2019 14:41

Instrument :

BNA_F

ClientSampleId :

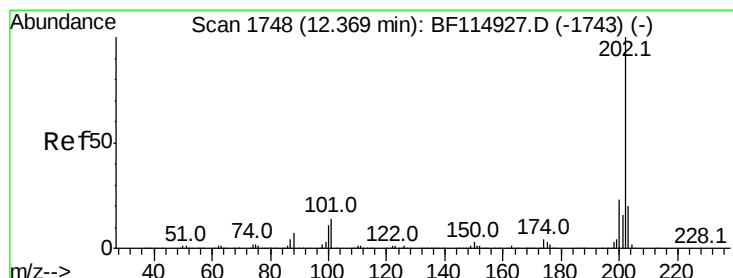
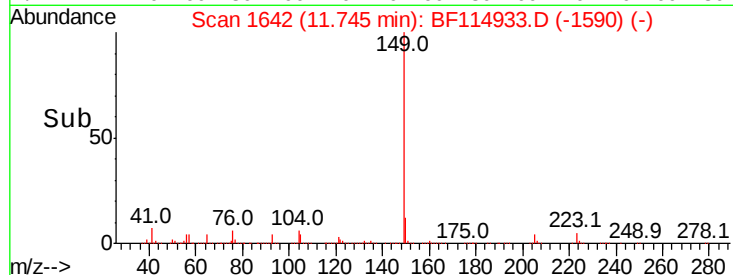
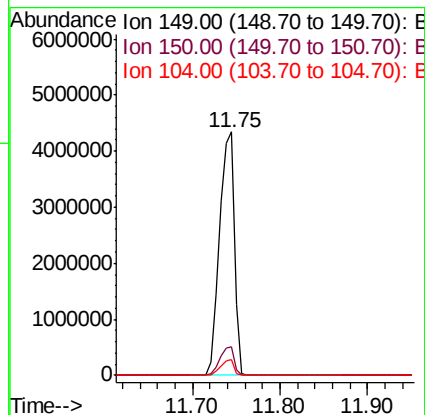
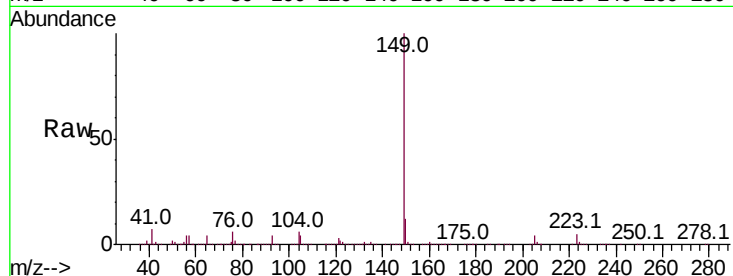
SSTDICC100

Tot Ion:149 Resp: 5168010

Ion	Ratio	Lower	Upper
149	100		
150	12.0	8.5	12.7
104	6.5	4.1	6.1

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6/12/2019 9:14:01 AM



#75

Fluoranthene

Concen: 77.379 ng

RT: 12.38 min Scan# 1750

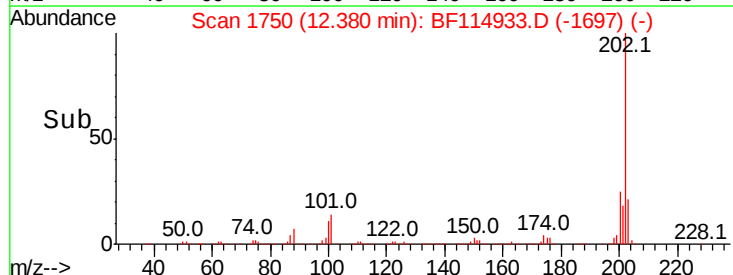
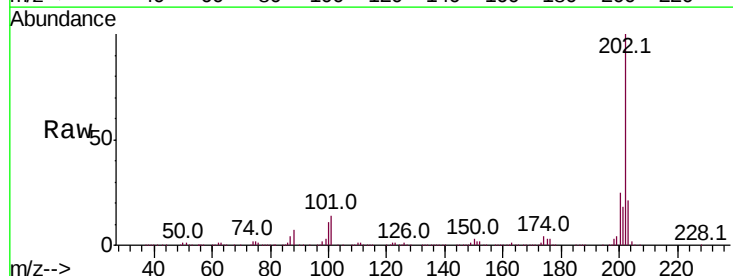
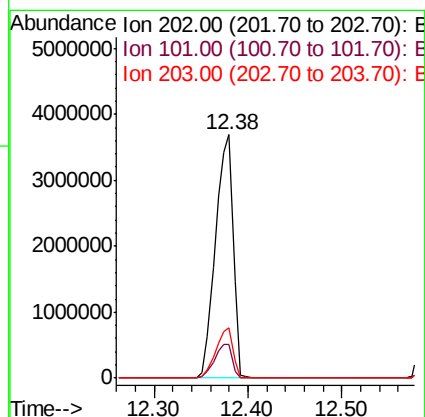
Delta R.T. 0.01 min

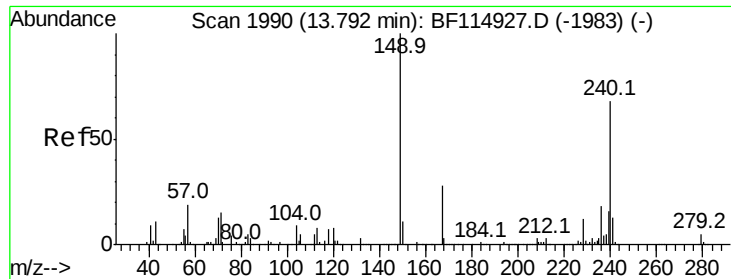
Lab File: BF114933.D

Acq: 10 Jun 2019 14:41

Tgt Ion:202 Resp: 4885280

Ion	Ratio	Lower	Upper
202	100		
101	14.1	0.0	34.3
203	20.7	0.0	39.6





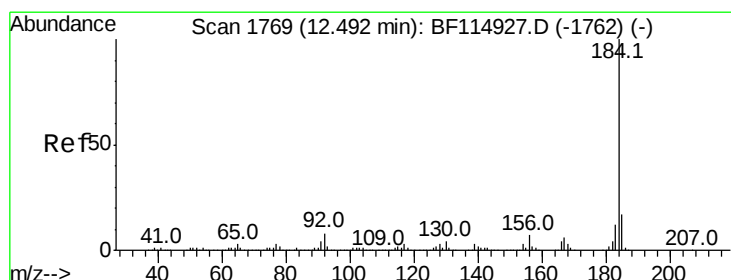
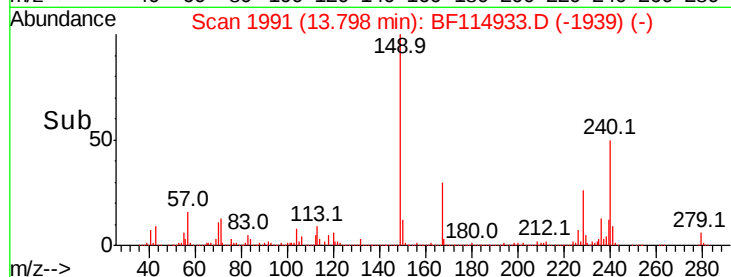
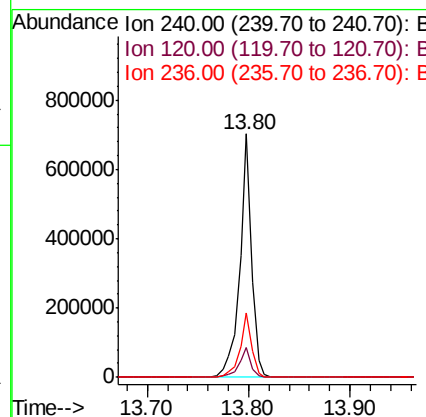
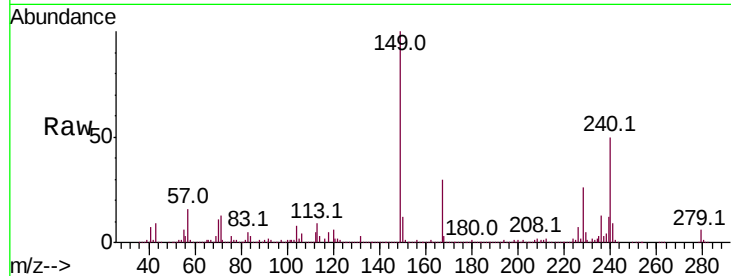
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.80 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BF114933.D
Acq: 10 Jun 2019 14:41

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	12.0	9.2	13.8	
236	26.6	21.7	32.5	

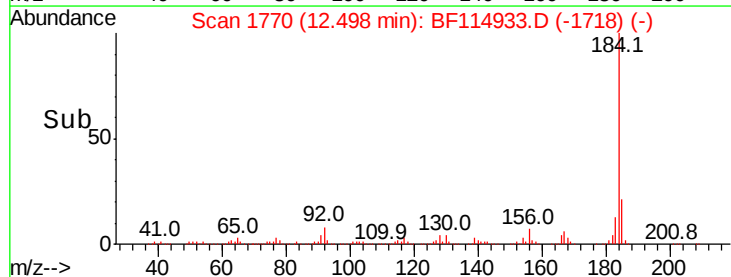
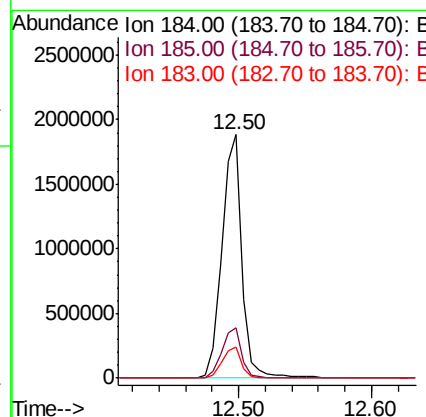
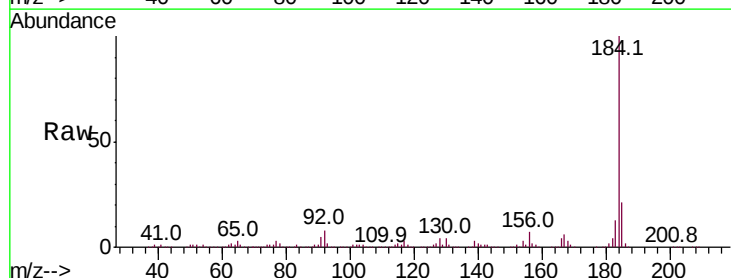
Manual Integrations
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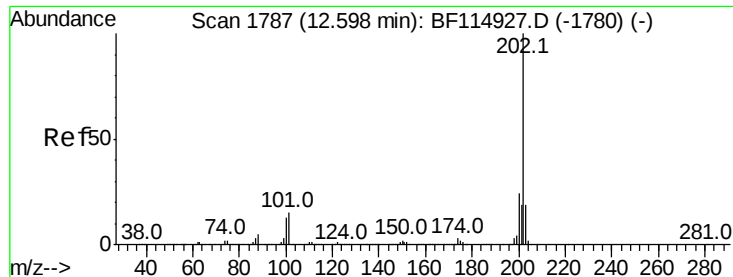
mohammad
6/12/2019 9:14:01 AM



#77
Benzidine
Concen: 81.233 ng m
RT: 12.50 min Scan# 1770
Delta R.T. 0.01 min
Lab File: BF114933.D
Acq: 10 Jun 2019 14:41

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	20.7	13.4	20.0#	
183	12.6	9.8	14.6	





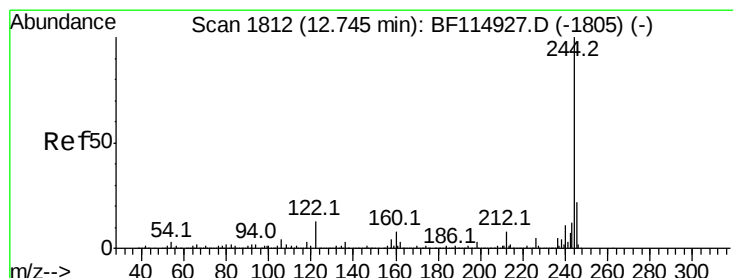
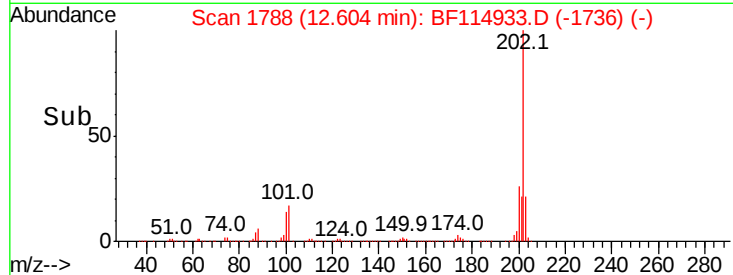
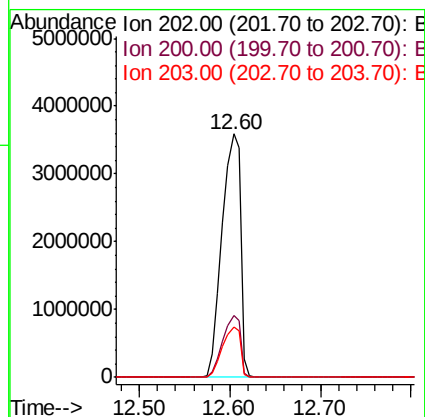
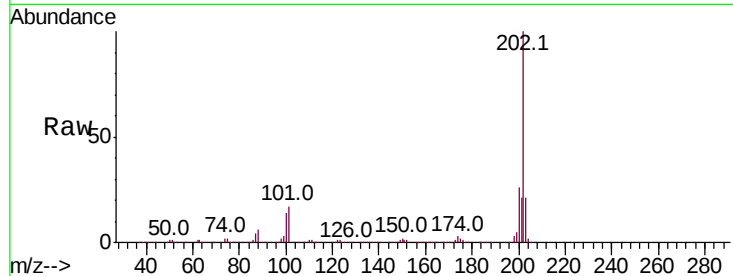
#78
Pvrene
Concen: 105.760 ng
RT: 12.60 min Scan# 1788
Delta R.T. 0.01 min
Lab File: BF114933.D
Acq: 10 Jun 2019 14:41

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
202	100		
200	25.5	18.9	28.3
203	20.8	15.2	22.8

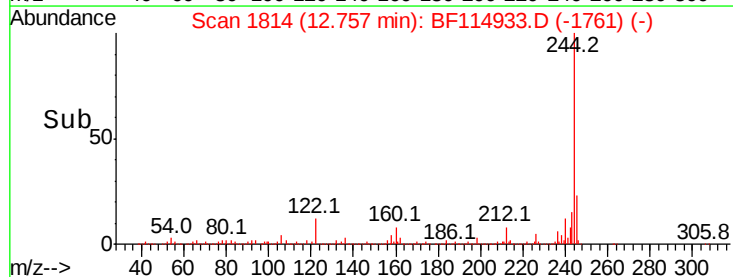
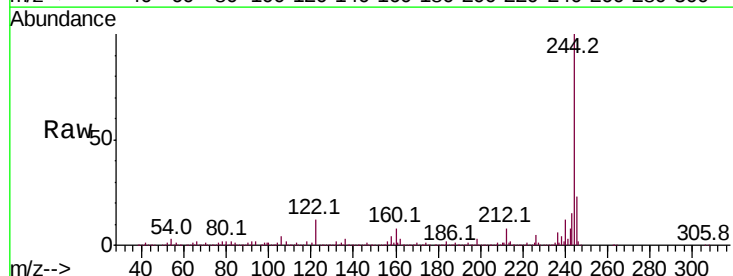
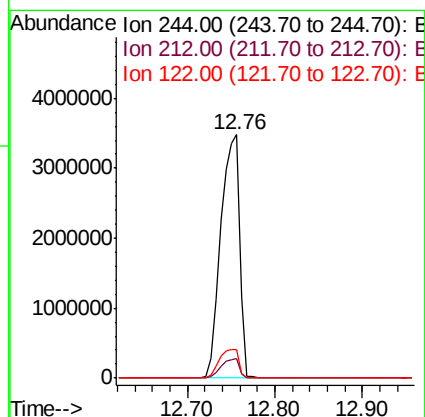
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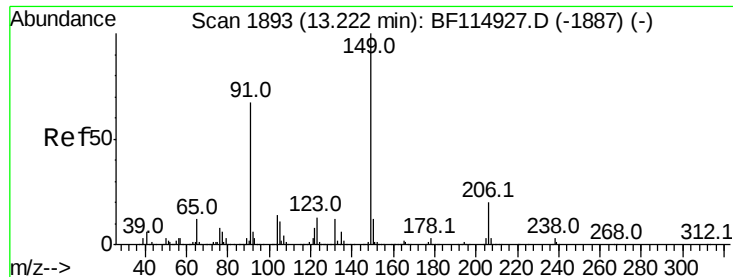
mohammad
6/12/2019 9:14:01 AM



#79
Terphenyl-d14
Concen: 186.133 ng
RT: 12.76 min Scan# 1814
Delta R.T. 0.01 min
Lab File: BF114933.D
Acq: 10 Jun 2019 14:41

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.2	9.2
122	11.8	10.2	15.4





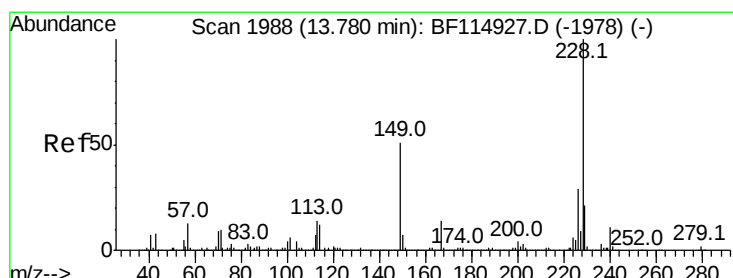
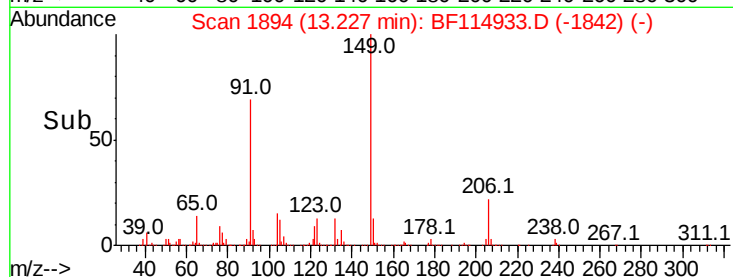
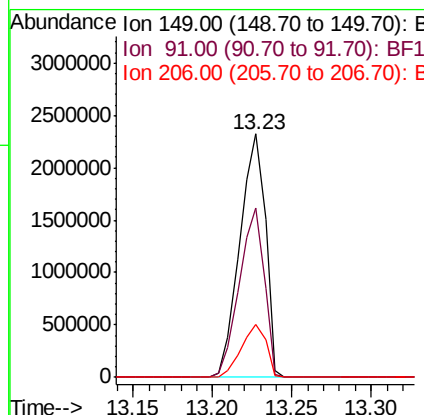
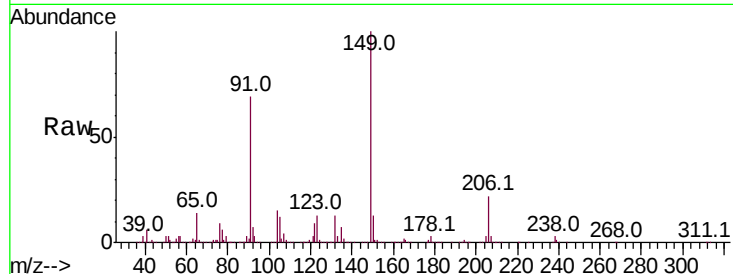
#80
Butylbenzylphthalate
Concen: 109.814 ng
RT: 13.23 min Scan# 1894
Delta R.T. 0.01 min
Lab File: BF114933.D
Acq: 10 Jun 2019 14:41

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
149	100		
91	69.5	53.8	80.8
206	21.5	16.3	24.5

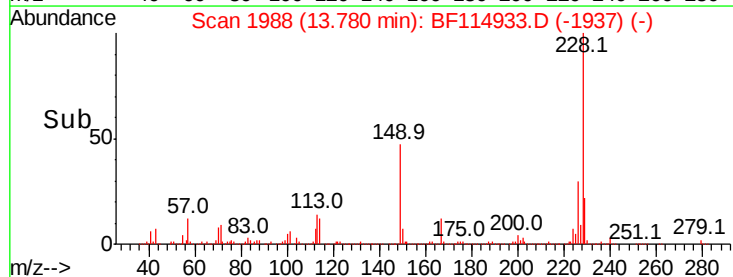
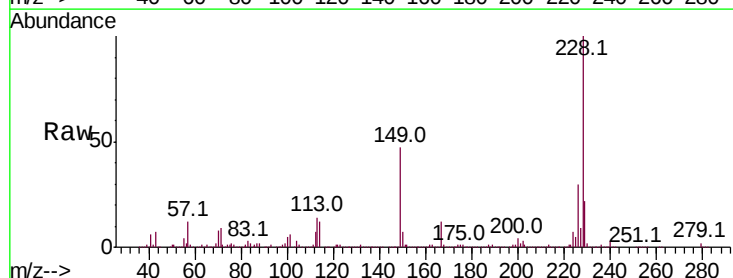
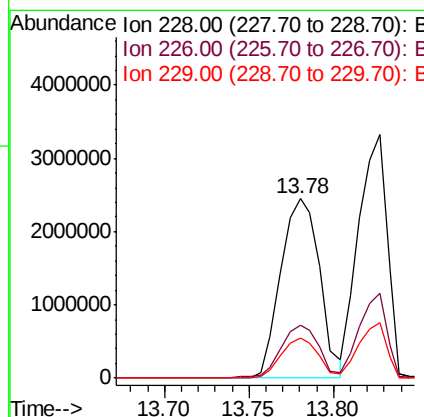
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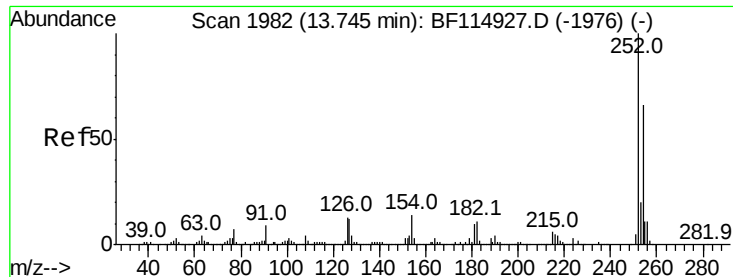
mohammad
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#81
Benzo(a)anthracene
Concen: 95.683 ng
RT: 13.78 min Scan# 1988
Delta R.T. -0.00 min
Lab File: BF114933.D
Acq: 10 Jun 2019 14:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.8	34.2
229	22.0	16.6	25.0





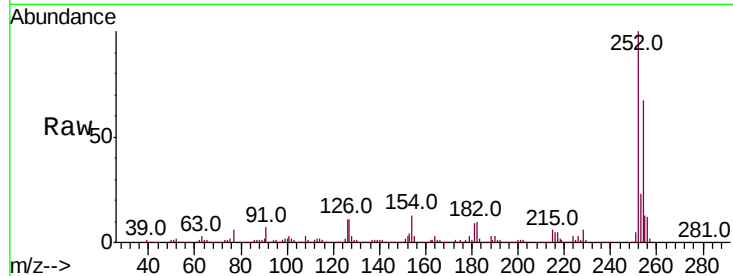
#82
 3,3'-Dichlorobenzidine
 Concen: 91.710 ng
 RT: 13.76 min Scan# 1984
 Delta R.T. 0.01 min
 Lab File: BF114933.D
 Acq: 10 Jun 2019 14:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

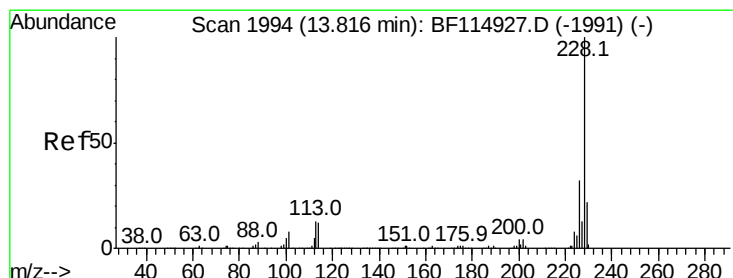
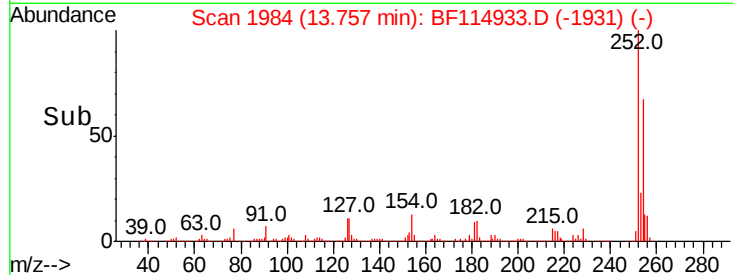
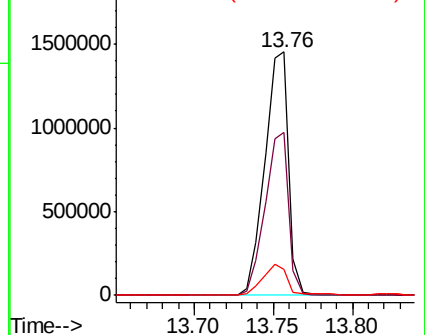
Tot Ion	Ratio	Lower	Upper
252	100		
254	67.1	52.6	78.8
126	10.7	10.4	15.6

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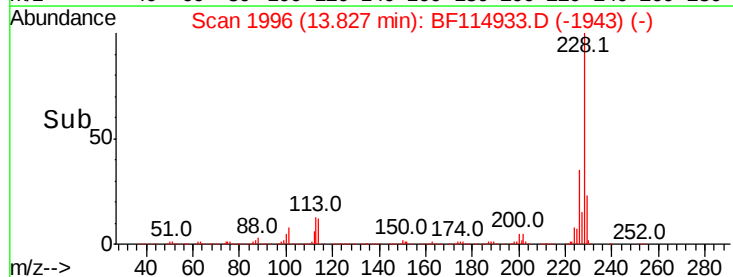
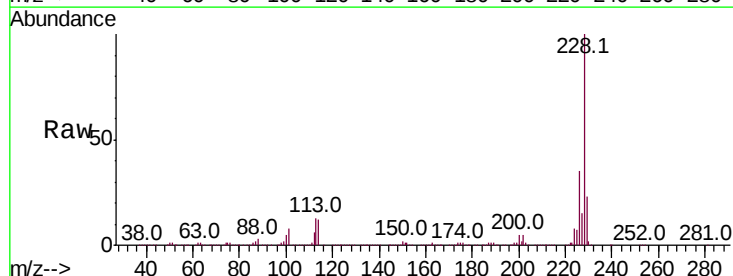
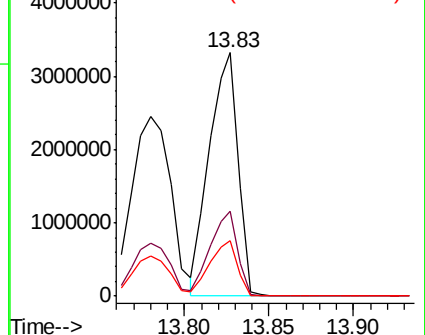
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

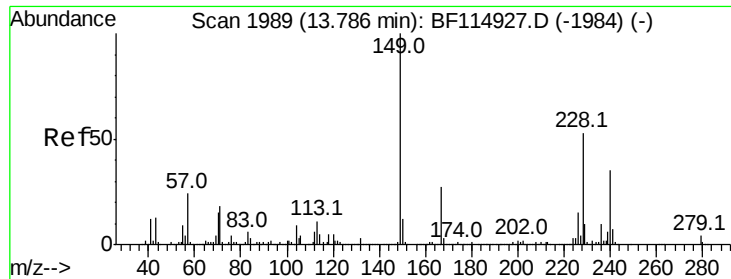


#83
 Chrysene
 Concen: 95.321 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. 0.01 min
 Lab File: BF114933.D
 Acq: 10 Jun 2019 14:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.9	25.8	38.8
229	22.5	17.2	25.8

Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 90.307 ng

RT: 13.79 min Scan# 1990

Delta R.T. 0.01 min

Lab File: BF114933.D

Acq: 10 Jun 2019 14:41

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

Tot Ion:149 Resp: 2531901

Ion Ratio Lower Upper

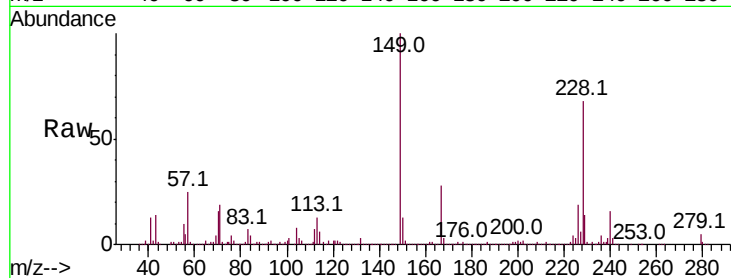
149 100

167 28.3 21.9 32.9

279 5.3 3.2 4.8#

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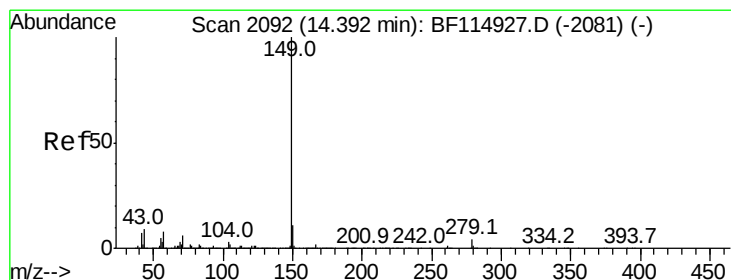
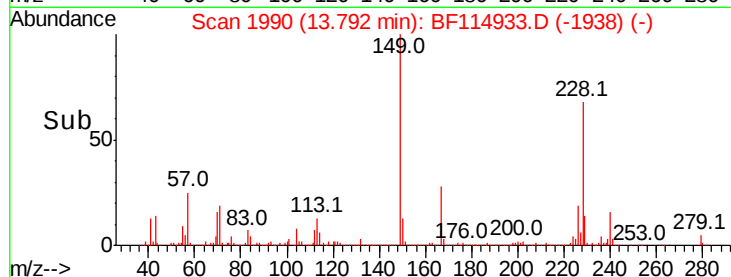
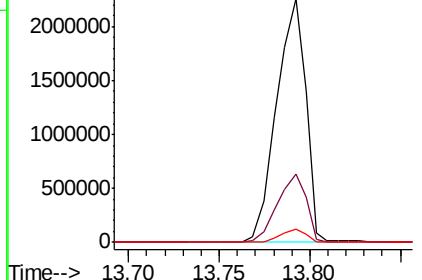
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 95.606 ng

RT: 14.40 min Scan# 2093

Delta R.T. 0.01 min

Lab File: BF114933.D

Acq: 10 Jun 2019 14:41

Tgt Ion:149 Resp: 4843062

Ion Ratio Lower Upper

149 100

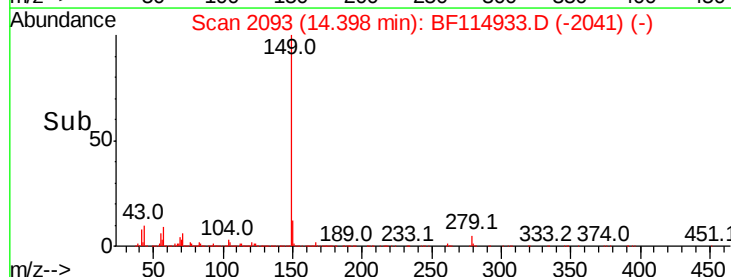
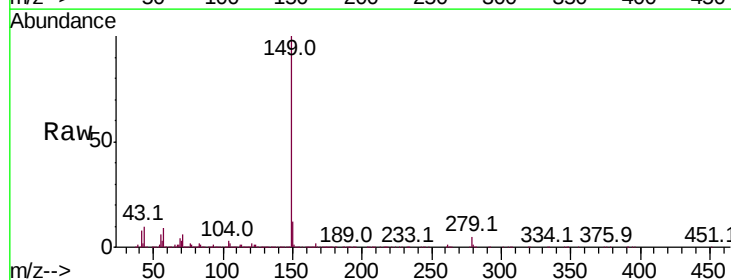
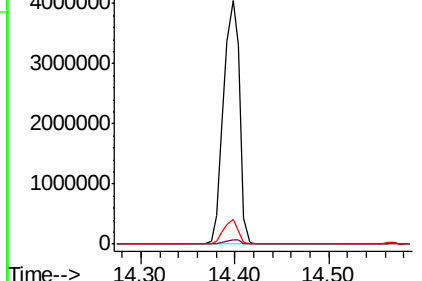
167 1.8 1.4 2.0

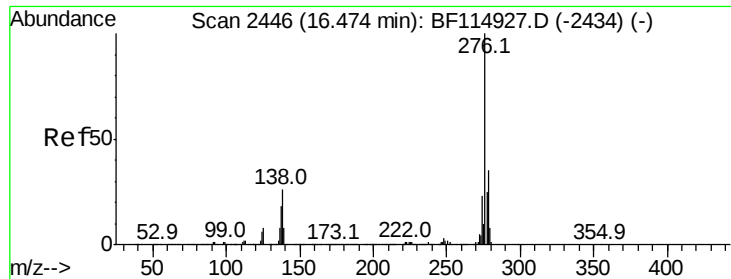
43 9.2 6.8 10.2

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





#86

Indeno(1,2,3-cd)pyrene

Concen: 114.726 ng

RT: 16.49 min Scan# 2449

Delta R.T. 0.02 min

Lab File: BF114933.D

Acq: 10 Jun 2019 14:41

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

Tot Ion:276 Resp: 4364593

Ion Ratio Lower Upper

276 100

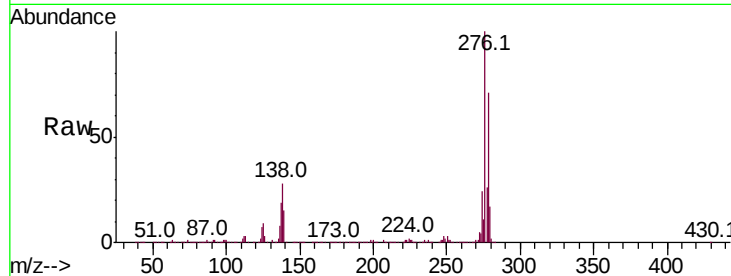
138 28.6 23.3 34.9

277 25.8 20.5 30.7

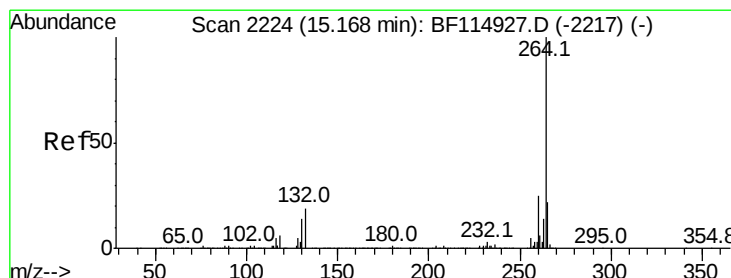
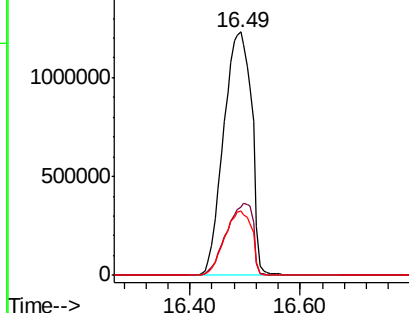
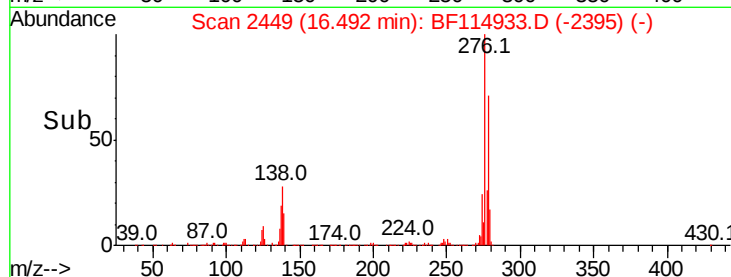
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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.16 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BF114933.D

Acq: 10 Jun 2019 14:41

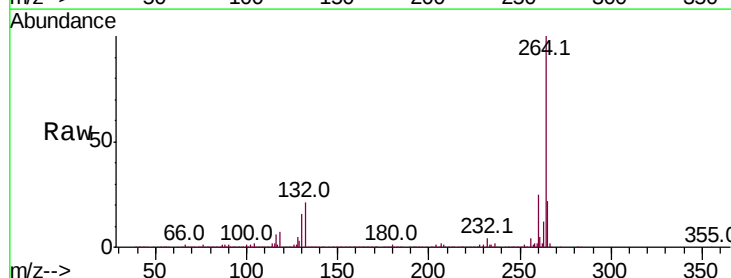
Tgt Ion:264 Resp: 678317

Ion Ratio Lower Upper

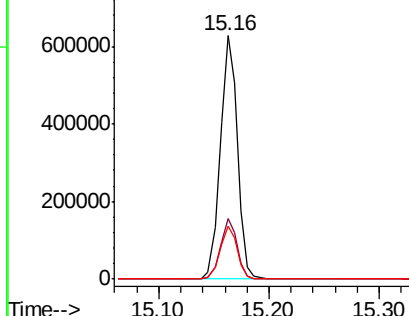
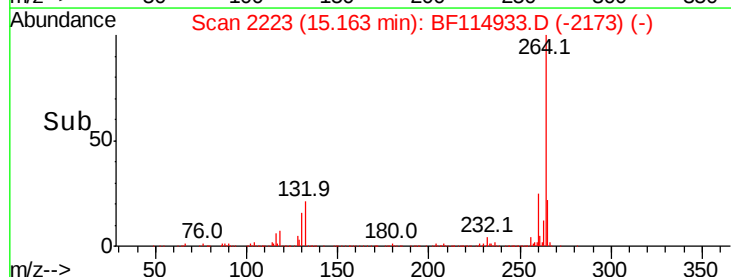
264 100

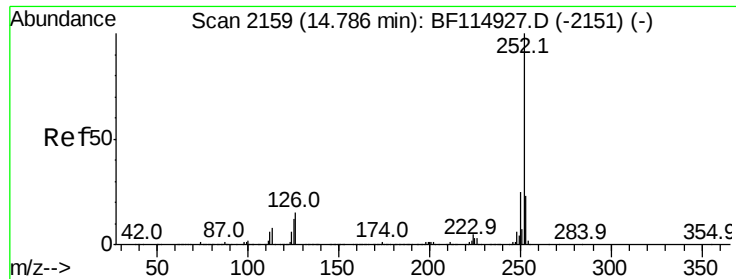
260 25.0 19.7 29.5

265 21.8 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





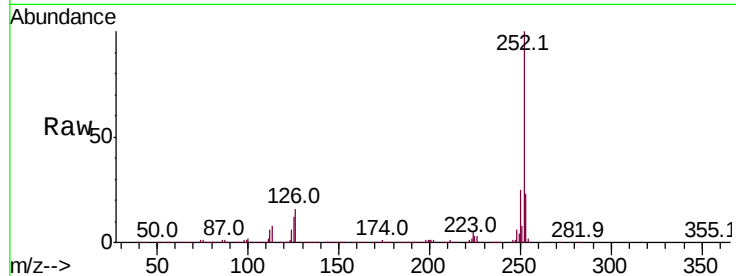
#88
Benzo(b)fluoranthene
Concen: 97.137 ng
RT: 14.79 min Scan# 2160
Delta R.T. 0.01 min
Lab File: BF114933.D
Acq: 10 Jun 2019 14:41

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.6	28.0
125	12.3	9.5	14.3

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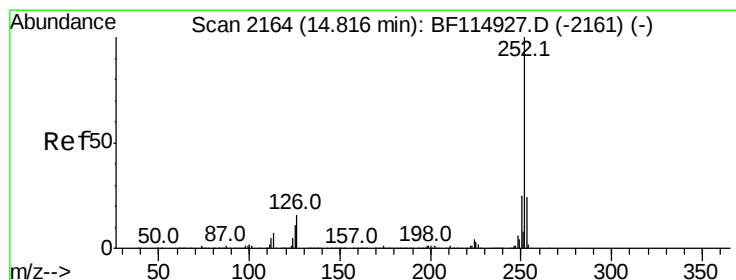
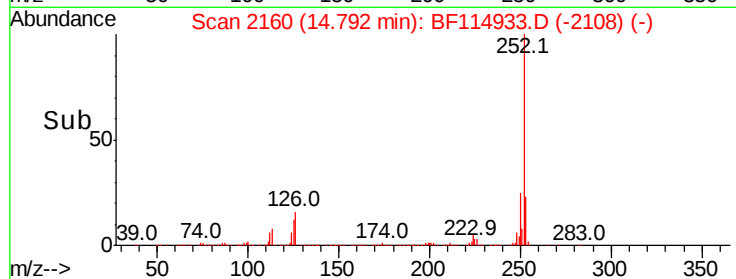
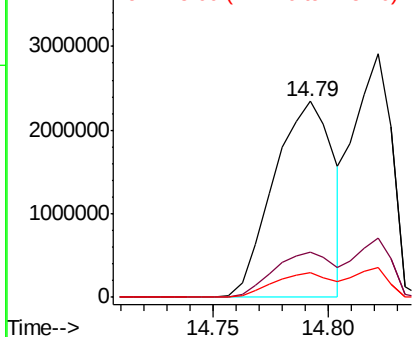


Abundance

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



#89
Benzo(k)fluoranthene
Concen: 90.616 ng
RT: 14.82 min Scan# 2165
Delta R.T. 0.01 min
Lab File: BF114933.D
Acq: 10 Jun 2019 14:41

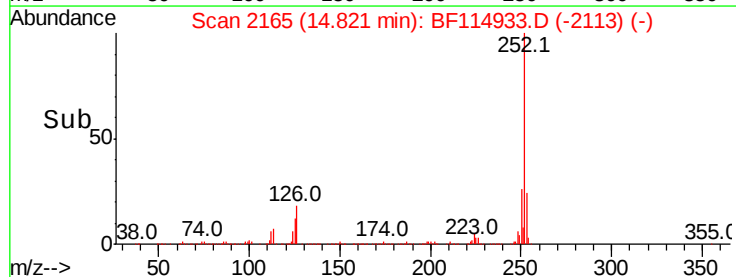
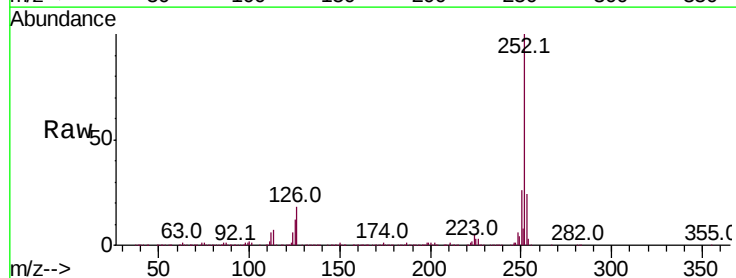
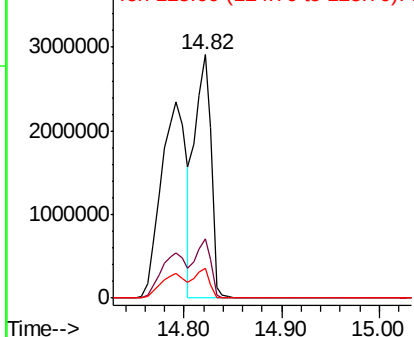
Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.6	28.0
125	12.3	9.2	13.8

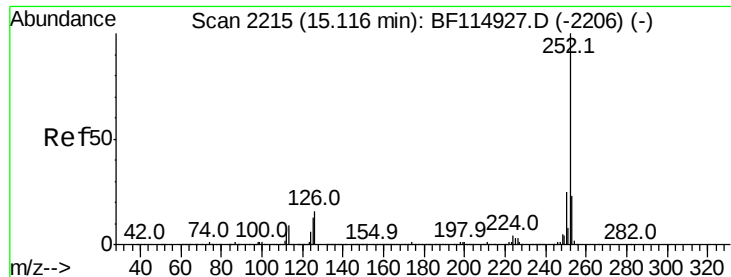
Abundance

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





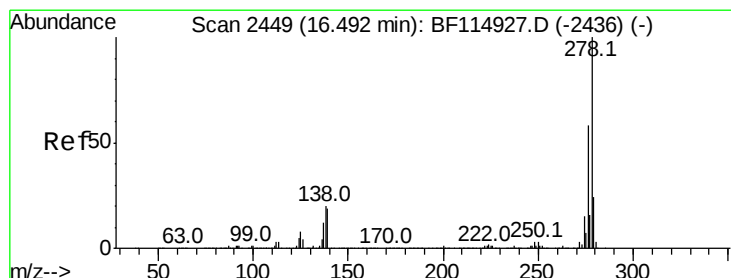
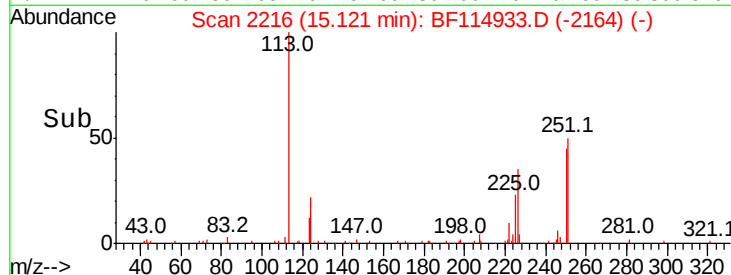
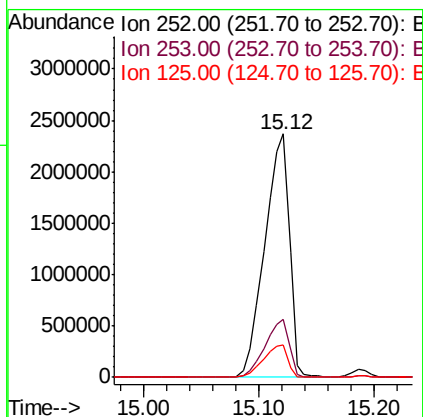
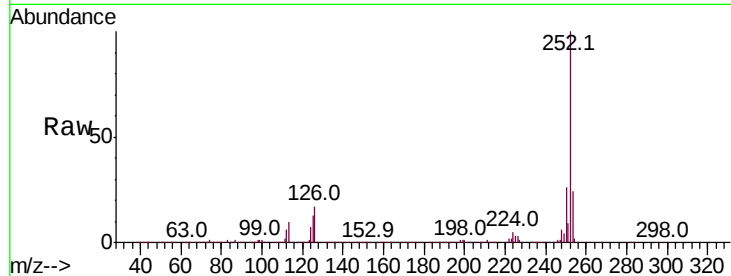
#90
Benzo(a)pyrene
Concen: 94.250 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.01 min
Lab File: BF114933.D
Acq: 10 Jun 2019 14:41

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.2	27.2
125	13.1	10.1	15.1

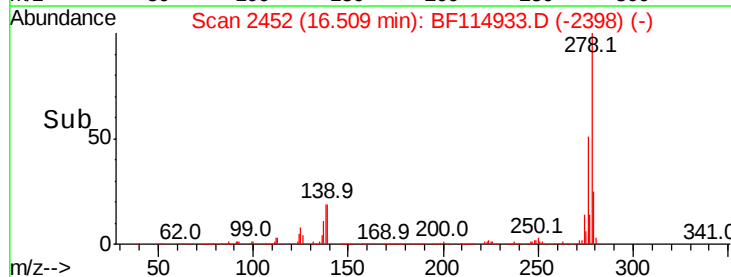
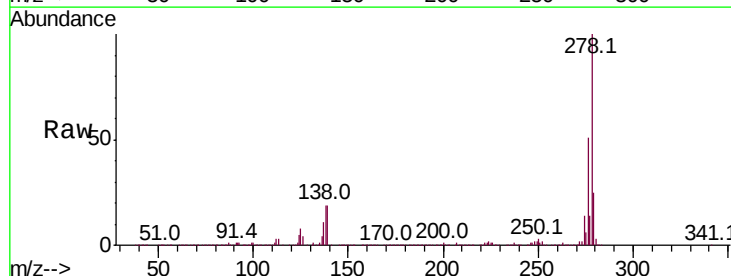
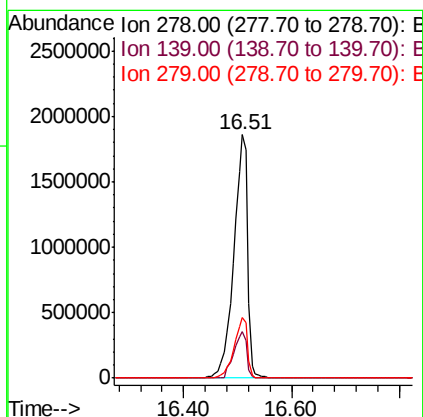
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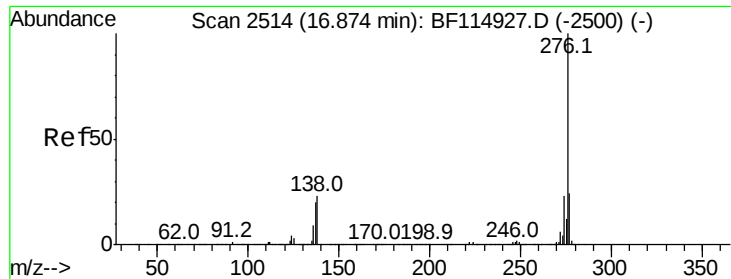
mohammad
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#91
Dibenzo(a,h)anthracene
Concen: 106.548 ng
RT: 16.51 min Scan# 2452
Delta R.T. 0.02 min
Lab File: BF114933.D
Acq: 10 Jun 2019 14:41

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.4	15.1	22.7
279	24.7	19.6	29.4





#92
 Benzo(a,h,i)perylene
 Concen: 121.479 ng
 RT: 16.89 min Scan# 2517
 Delta R.T. 0.02 min
 Lab File: BF114933.D
 Acq: 10 Jun 2019 14:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.0	28.6
138	25.9	18.7	28.1

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