

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081519\
 Data File : BF116283.D
 Acq On : 15 Aug 2019 17:33
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Jagrut
 8/16/2019 5:34:06 PM

Quant Time: Aug 16 04:01:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	162033	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	666473	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	357289	20.00	ng	-0.04
64) Phenanthrene-d10	11.34	188	622068	20.00	ng	-0.03
76) Chrysene-d12	13.99	240	428806	20.00	ng	-0.02
87) Perylene-d12	15.44	264	434127	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	841090	86.90	ng	-0.03
7) Phenol-d6	6.46	99	1024126	83.86	ng	-0.02
23) Nitrobenzene-d5	7.39	82	928226	80.39	ng	-0.02
42) 2,4,6-Tribromophenol	10.65	330	282446	81.54	ng	-0.03
45) 2-Fluorobiphenyl	9.17	172	1488027	78.01	ng	-0.03
79) Terphenyl-d14	12.92	244	1690352	83.06	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.54	88	197138	40.317	ng	99
3) Pyridine	3.28	79	520178	38.083	ng	100
4) n-Nitrosodimethylamine	3.25	42	172677	32.034	ng	100
6) Aniline	6.49	93	698736	39.953	ng	92
8) 2-Chlorophenol	6.61	128	465846	43.525	ng	98
9) Benzaldehyde	6.37	77	319643	37.935	ng	99
10) Phenol	6.48	94	593581	41.276	ng	94
11) bis(2-Chloroethyl)ether	6.56	93	457493	43.271	ng	98
12) 1,3-Dichlorobenzene	6.76	146	515019	41.636	ng	98
13) 1,4-Dichlorobenzene	6.84	146	520182	42.001	ng	98
14) 1,2-Dichlorobenzene	6.99	146	473323	41.505	ng	99
15) Benzyl Alcohol	6.97	79	359731	38.816	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	597934	41.462	ng	88
17) 2-Methylphenol	7.08	107	383512	42.317	ng	99
18) Hexachloroethane	7.33	117	191789	42.060	ng	96
19) n-Nitroso-di-n-propylamine	7.24	70	306251	40.470	ng	98
20) 3+4-Methylphenols	7.24	107	444924	41.486	ng	95
22) Acetophenone	7.23	105	582090	39.824	ng	99
24) Nitrobenzene	7.41	77	519832	41.697	ng	96
25) Isophorone	7.65	82	949941	43.027	ng	99
26) 2-Nitrophenol	7.72	139	258631	44.009	ng	98
27) 2,4-Dimethylphenol	7.76	122	361640	40.903	ng	97
28) bis(2-Chloroethoxy)methane	7.85	93	580573	42.427	ng	100
29) 2,4-Dichlorophenol	7.97	162	404546	43.335	ng	99
30) 1,2,4-Trichlorobenzene	8.05	180	440956	41.438	ng	99
31) Naphthalene	8.12	128	1311003	41.801	ng	99
32) Benzoic acid	7.92	122	219105	35.150	ng	97
33) 4-Chloroaniline	8.17	127	564905	40.313	ng	99
34) Hexachlorobutadiene	8.24	225	254113	41.458	ng	99
35) Caprolactam	8.56	113	126539m	41.910	ng	
36) 4-Chloro-3-methylphenol	8.66	107	420006	43.247	ng	98
37) 2-Methylnaphthalene	8.82	142	840932	40.713	ng	99
38) 1-Methylnaphthalene	8.91	142	812936	41.603	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	396885	41.551	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	130617	34.128	nq	99
43) 2,4,6-Trichlorophenol	9.10	196	255986	38.935	nq	99
44) 2,4,5-Trichlorophenol	9.15	196	268587	39.520	nq	96
46) 1,1'-Biphenyl	9.27	154	1032243	40.922	nq	99
47) 2-Chloronaphthalene	9.30	162	847737	40.380	nq	99
48) 2-Nitroaniline	9.40	65	283361	40.834	nq	95
49) Acenaphthylene	9.72	152	1230661	40.180	nq	99
50) Dimethylphthalate	9.57	163	1018267	41.857	nq	100
51) 2,6-Dinitrotoluene	9.65	165	223297	42.237	nq	89
52) Acenaphthene	9.89	154	756041	40.236	nq	99
53) 3-Nitroaniline	9.82	138	266179	40.747	nq	96
54) 2,4-Dinitrophenol	9.94	184	83564	35.855	nq	97
55) Dibenzofuran	10.06	168	1038763	38.014	nq	100
56) 4-Nitrophenol	9.99	139	150140	35.878	nq	93
57) 2,4-Dinitrotoluene	10.06	165	262548	37.300	nq	92
58) Fluorene	10.40	166	874008	41.572	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.19	232	219038	38.309	nq	99
60) Diethylphthalate	10.27	149	944481	41.584	nq	100
61) 4-Chlorophenyl-phenylether	10.39	204	440440	41.365	nq	99
62) 4-Nitroaniline	10.44	138	258073	38.228	nq	99
63) Azobenzene	10.55	77	969757	41.511	nq	100
65) 4,6-Dinitro-2-methylphenol	10.47	198	140683	42.676	nq	99
66) n-Nitrosodiphenylamine	10.52	169	785160	41.934	nq	100
67) 4-Bromophenyl-phenylether	10.88	248	278635	41.842	nq	99
68) Hexachlorobenzene	10.96	284	314418	40.832	nq	99
69) Atrazine	11.04	200	210962	34.249	nq	99
70) Pentachlorophenol	11.16	266	142237	38.047	nq	98
71) Phenanthrene	11.37	178	1287609	40.489	nq	100
72) Anthracene	11.42	178	1319599	41.001	nq	99
73) Carbazole	11.57	167	1243766	42.596	nq	100
74) Di-n-butylphthalate	11.89	149	1450125	42.573	nq	99
75) Fluoranthene	12.56	202	1364250	40.977	nq	99
77) Benzidine	12.67	184	554268	38.260	nq	99
78) Pyrene	12.79	202	1359636	42.063	nq	99
80) Butylbenzylphthalate	13.39	149	612976	44.830	nq	95
81) Benzo(a)anthracene	13.97	228	1178839	43.011	nq	100
82) 3,3'-Dichlorobenzidine	13.93	252	411328	43.198	nq	98
83) Chrysene	14.01	228	1130306	42.479	nq	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	819784	46.138	nq	98
85) Di-n-octyl phthalate	14.55	149	1263095	44.755	nq	100
86) Indeno(1,2,3-cd)pyrene	16.91	276	1037468	46.422	nq	100
88) Benzo(b)fluoranthene	15.02	252	982723	39.150	nq	99
89) Benzo(k)fluoranthene	15.04	252	1026662	41.991	nq	99
90) Benzo(a)pyrene	15.38	252	927808	41.348	nq	99
91) Dibenzo(a,h)anthracene	16.90	278	854928	44.015	nq	99
92) Benzo(g,h,i)perylene	17.34	276	859095	45.036	nq	99

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

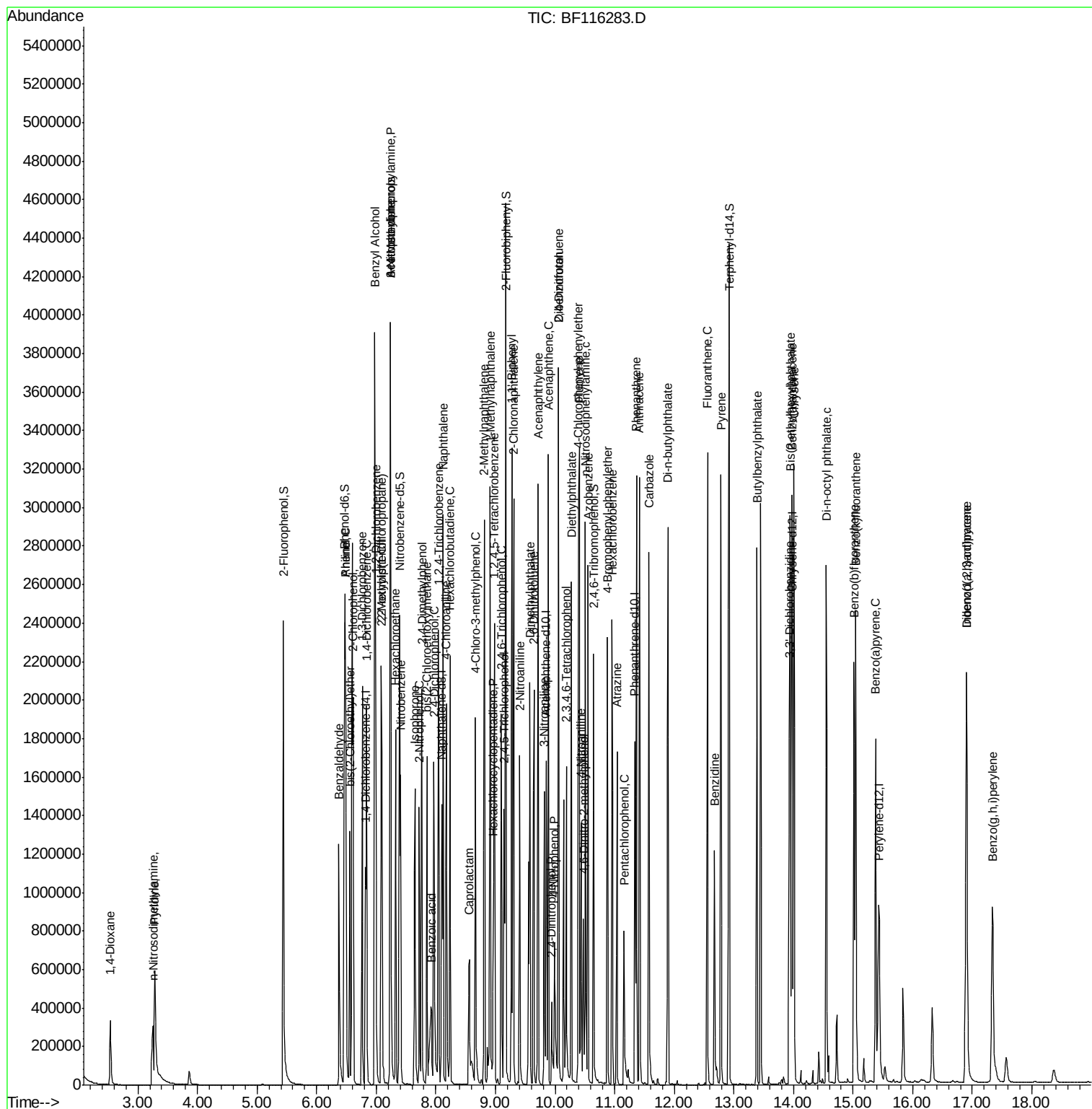
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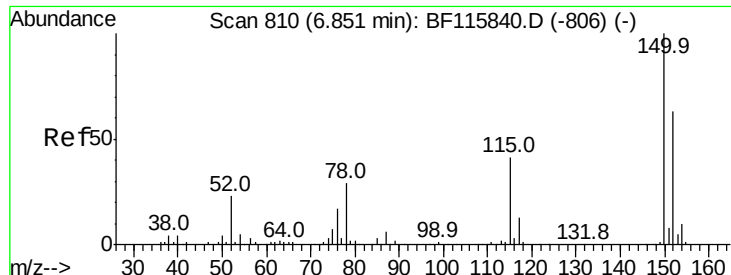
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#1

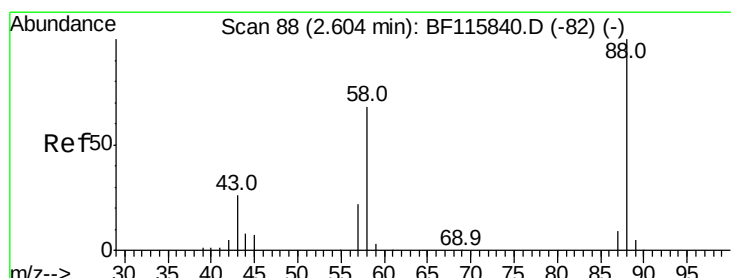
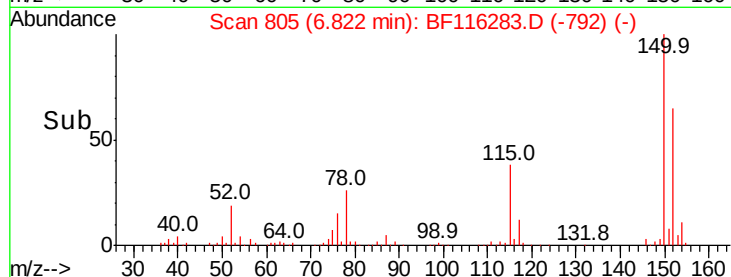
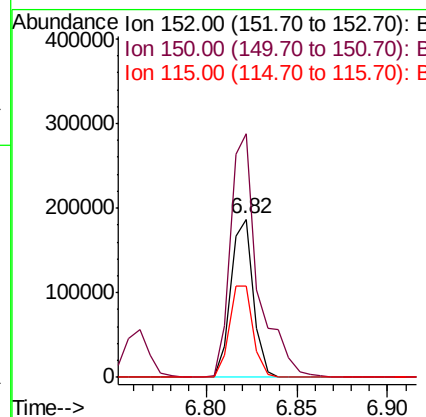
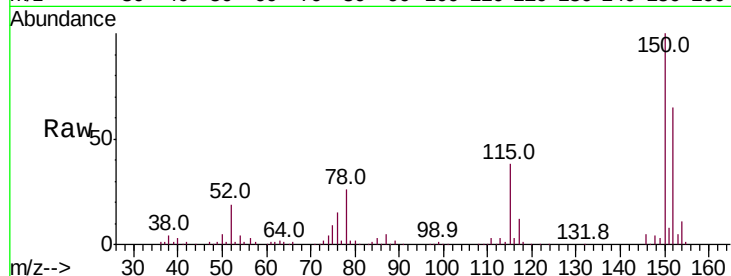
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF116283.D
Acq: 15 Aug 2019 17:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	126.2	189.2
115	57.8	49.9	74.9

Manual Integrations
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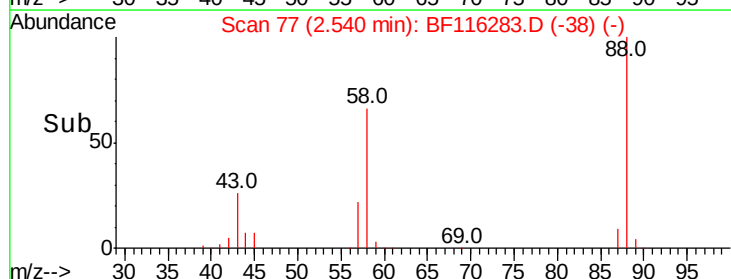
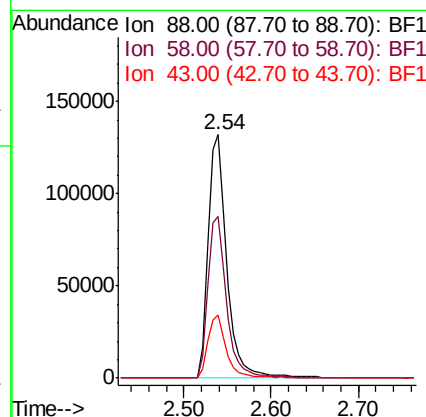
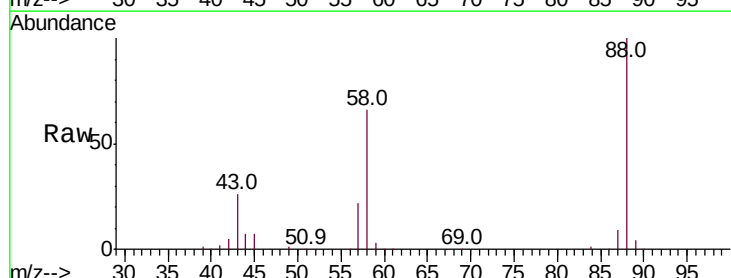
Jagrut
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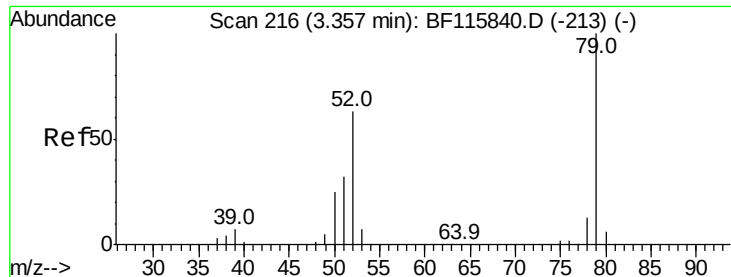


#2

1,4-Dioxane
Concen: 40.317 ng
RT: 2.54 min Scan# 77
Delta R.T. -0.07 min
Lab File: BF116283.D
Acq: 15 Aug 2019 17:33

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.7	53.7	80.5
43	25.7	21.0	31.4





#3

Pvridine

Concen: 38.083 ng

RT: 3.28 min Scan# 203

Delta R.T. -0.08 min

Lab File: BF116283.D

Acq: 15 Aug 2019 17:33

Instrument :

BNA_F

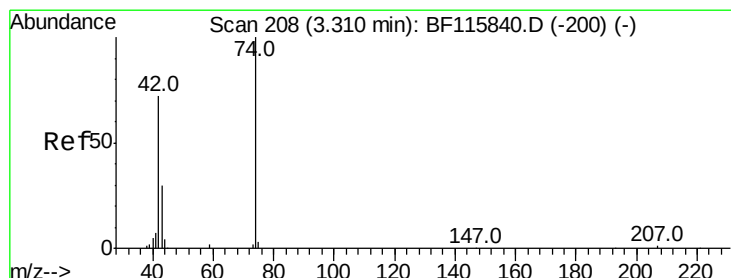
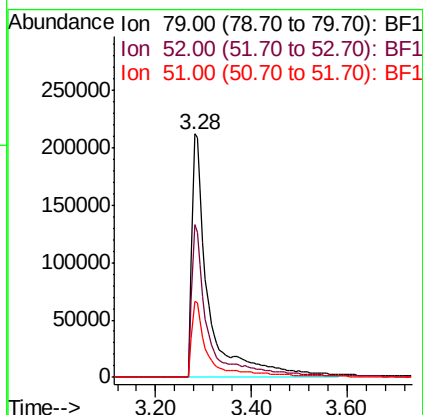
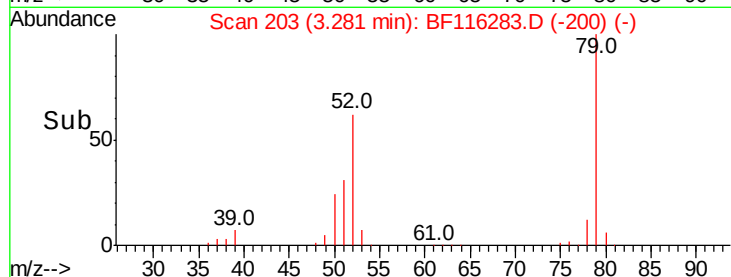
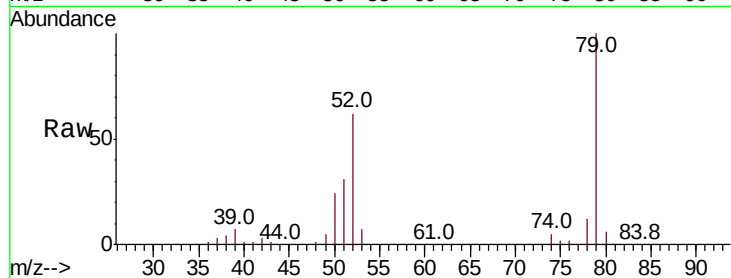
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	520178
Ion Ratio	Lower	Upper	
79	100		
52	62.5	49.8	74.8
51	31.0	25.2	37.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 32.034 ng

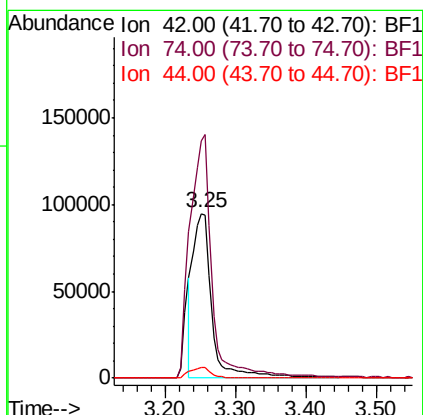
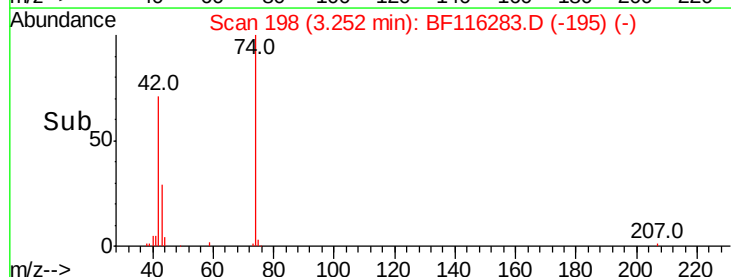
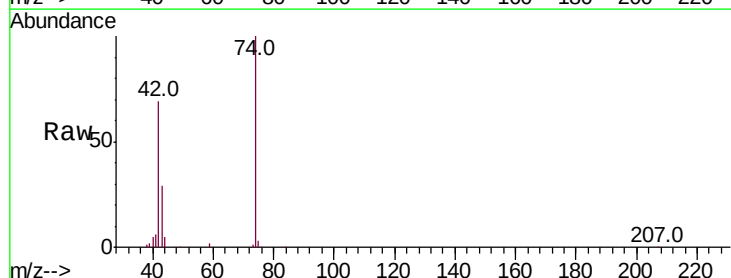
RT: 3.25 min Scan# 198

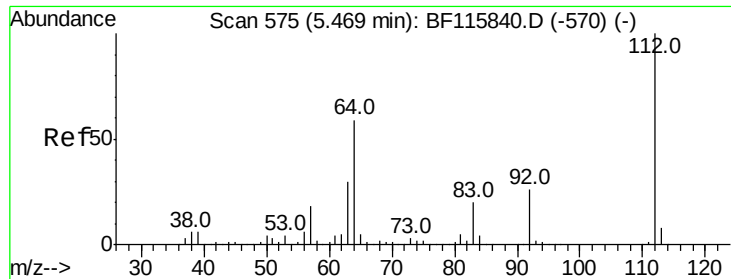
Delta R.T. -0.08 min

Lab File: BF116283.D

Acq: 15 Aug 2019 17:33

Tgt Ion:	42	Resp:	172677
Ion Ratio	Lower	Upper	
42	100		
74	144.6	116.0	174.0
44	6.7	4.6	7.0





#5

2-Fluorophenol

Concen: 86.898 ng

RT: 5.44 min Scan# 570

Delta R.T. -0.03 min

Lab File: BF116283.D

Acq: 15 Aug 2019 17:33

Instrument :

BNA_F

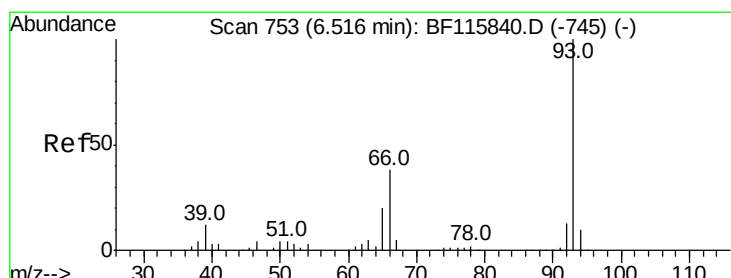
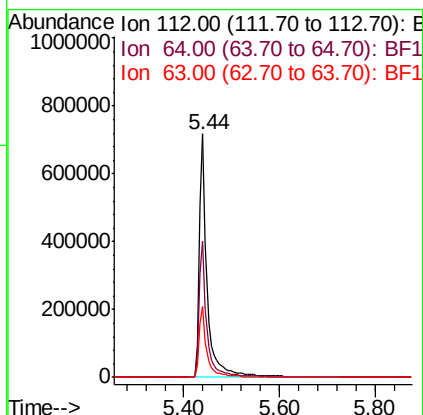
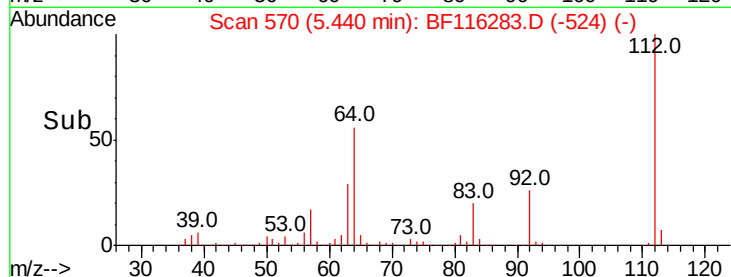
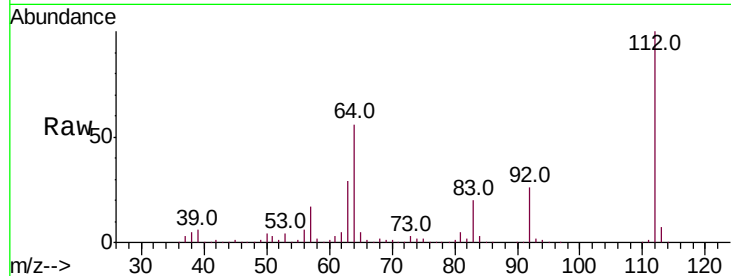
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	841090
Ion Ratio	Lower	Upper	
112	100		
64	56.1	45.4	68.2
63	29.0	23.7	35.5

Manual Integrations
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#6

Aniline

Concen: 39.953 ng

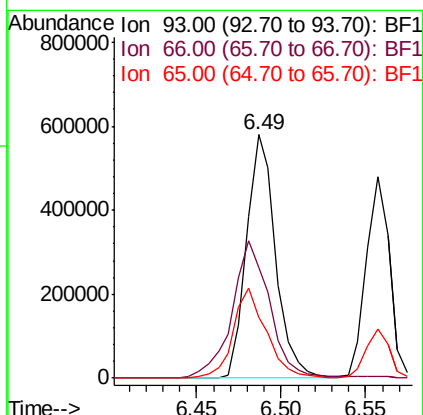
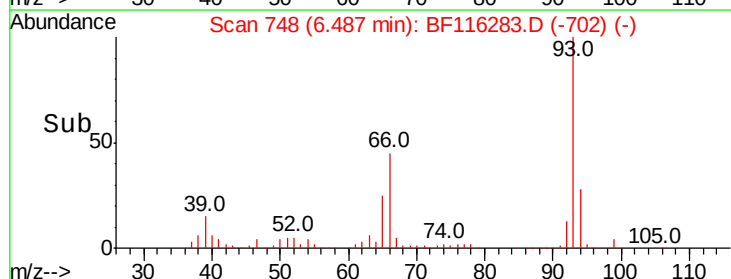
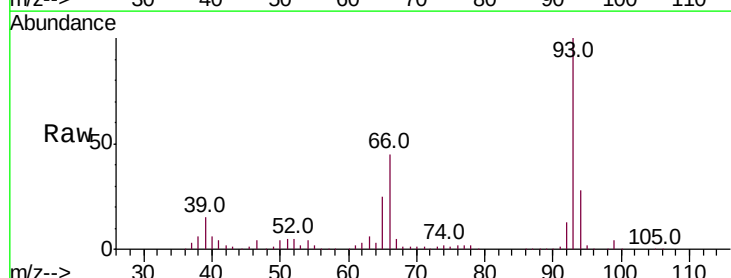
RT: 6.49 min Scan# 748

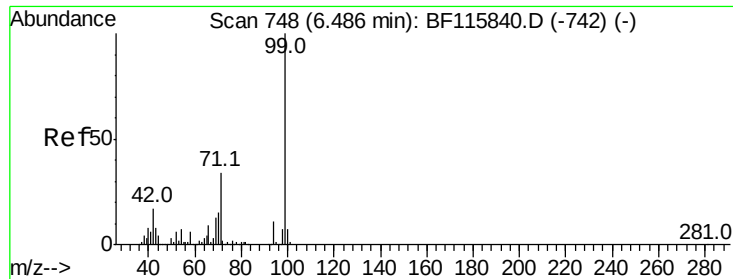
Delta R.T. -0.03 min

Lab File: BF116283.D

Acq: 15 Aug 2019 17:33

Tgt Ion:	93	Resp:	698736
Ion Ratio	Lower	Upper	
93	100		
66	45.2	32.2	48.4
65	25.0	17.0	25.6





#7

Phenol-d6

Concen: 83.864 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.02 min

Lab File: BF116283.D

Acq: 15 Aug 2019 17:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1024126

Ion Ratio Lower Upper

99 100

42 16.9 13.8 20.8

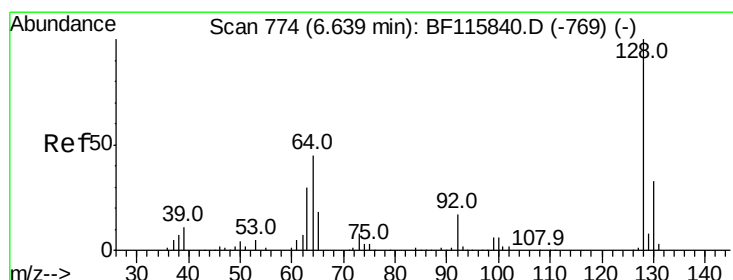
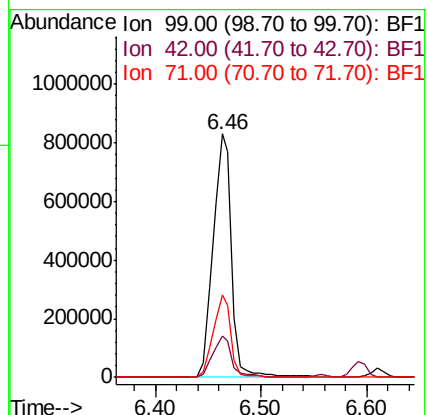
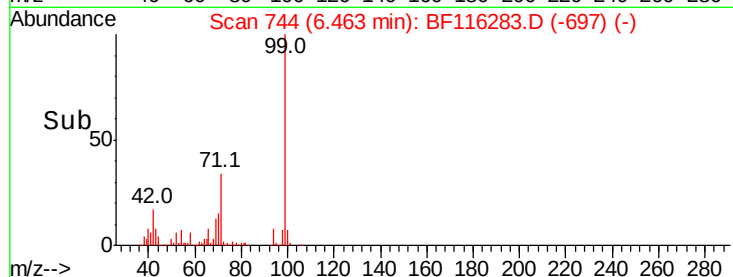
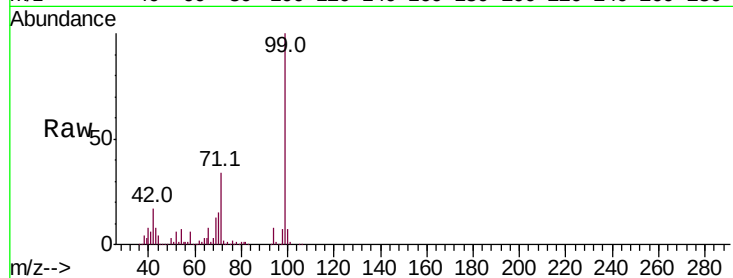
71 33.6 27.3 40.9

Manual Integrations

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#8

2-Chlorophenol

Concen: 43.525 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.03 min

Lab File: BF116283.D

Acq: 15 Aug 2019 17:33

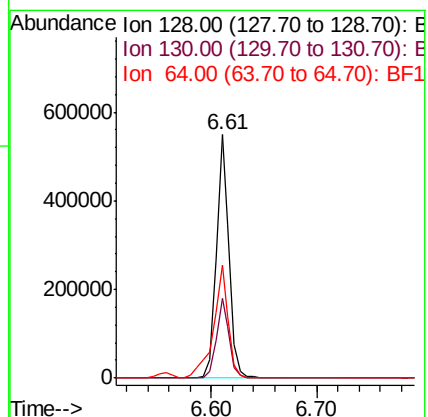
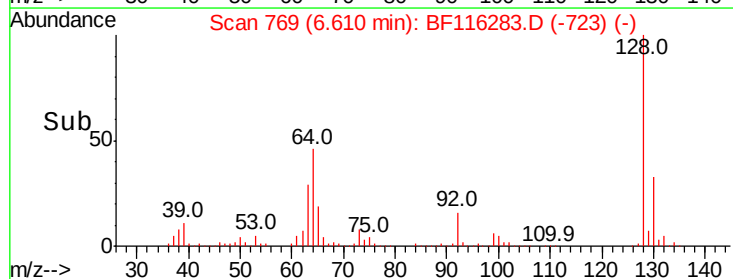
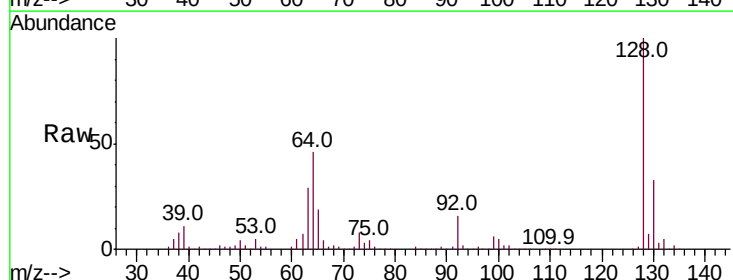
Tgt Ion: 128 Resp: 465846

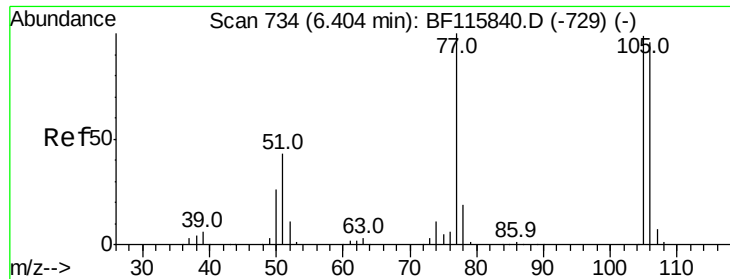
Ion Ratio Lower Upper

128 100

130 32.6 12.9 52.9

64 46.3 24.3 64.3





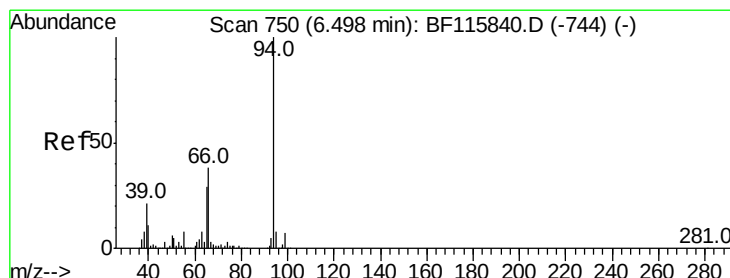
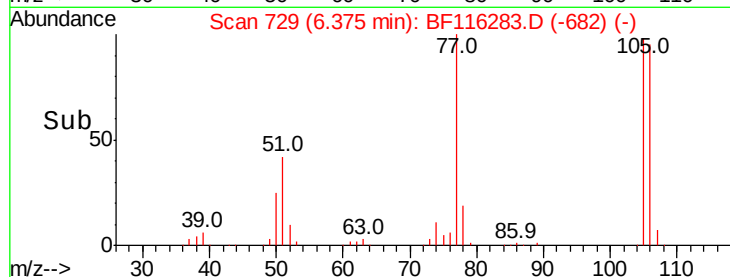
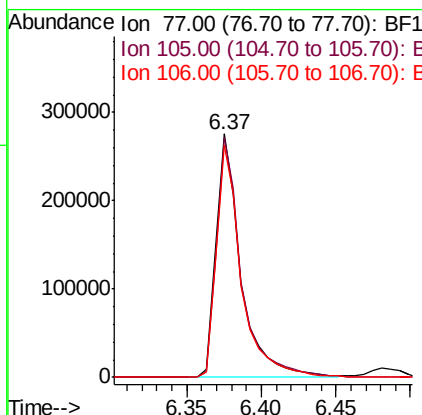
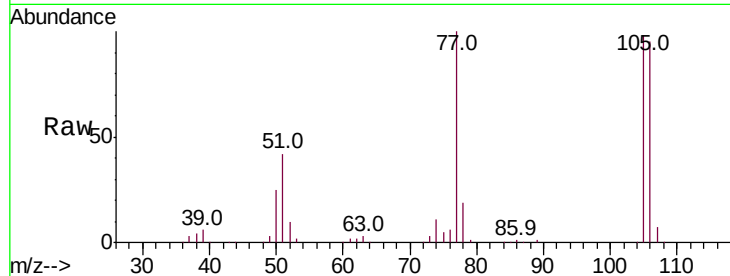
#9
Benzaldehyde
Concen: 37.935 ng
RT: 6.37 min Scan# 729
Delta R.T. -0.02 min
Lab File: BF116283.D
Acq: 15 Aug 2019 17:33

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
77	100		
105	98.5	79.2	119.2
106	95.5	74.3	114.3

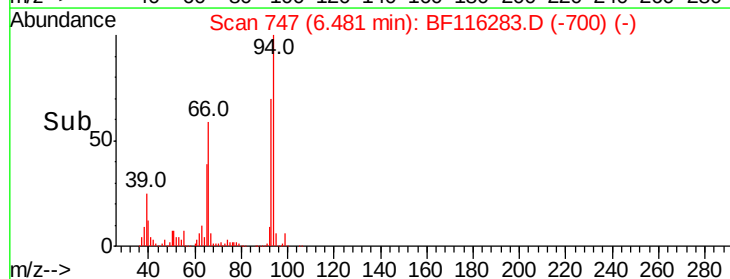
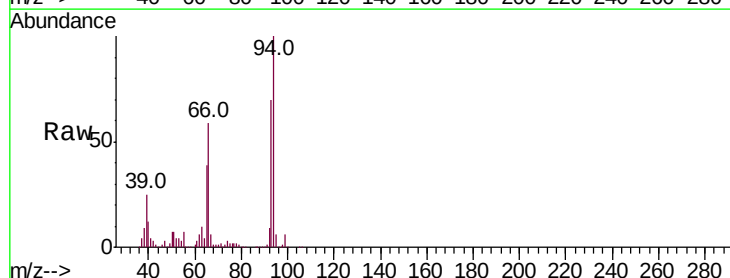
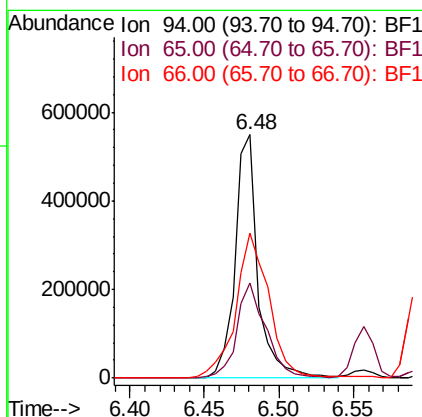
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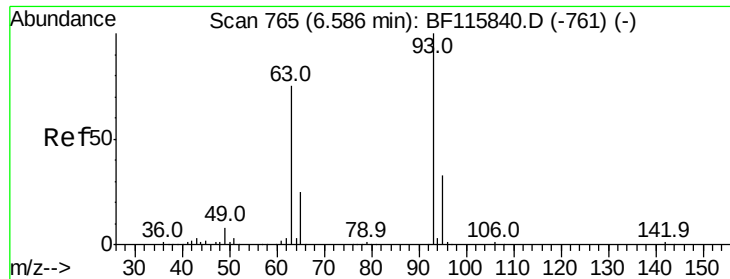
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#10
Phenol
Concen: 41.276 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.02 min
Lab File: BF116283.D
Acq: 15 Aug 2019 17:33

Tgt Ion	Ratio	Lower	Upper
94	100		
65	38.8	16.8	56.8
66	59.5	34.2	74.2





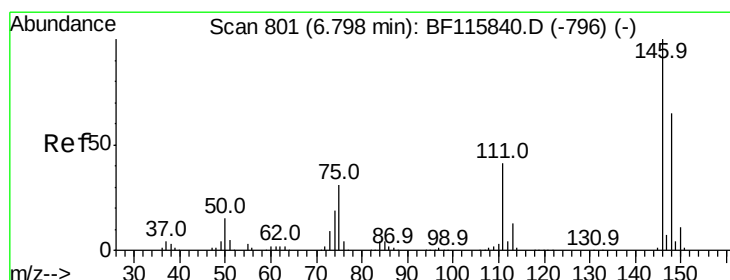
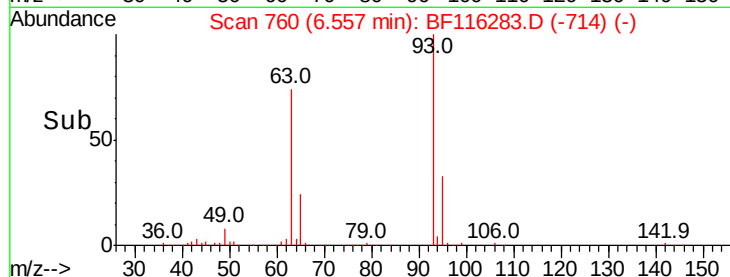
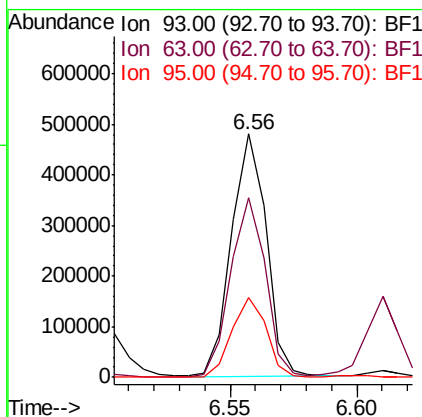
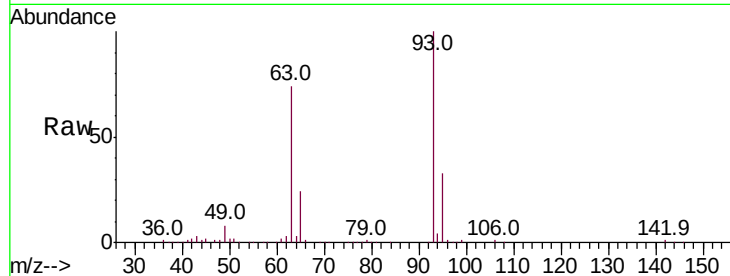
#11
bis(2-Chloroethyl)ether
Concen: 43.271 ng
RT: 6.56 min Scan# 760
Delta R.T. -0.03 min
Lab File: BF116283.D
Acq: 15 Aug 2019 17:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	73.7	51.9	91.9
95	32.7	13.0	53.0

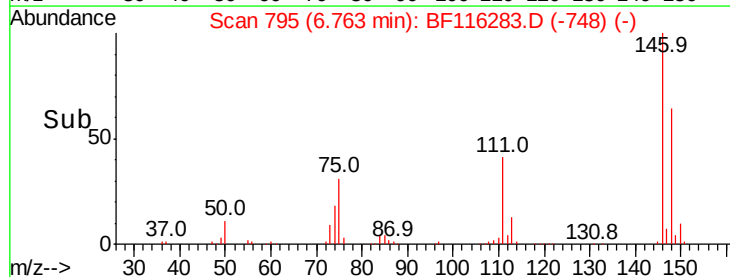
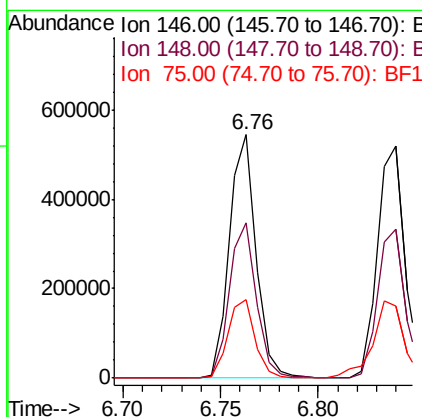
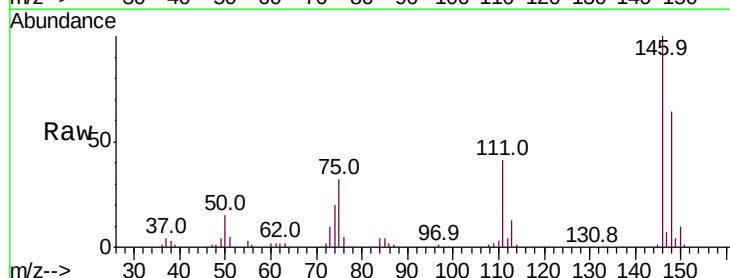
Manual Integrations
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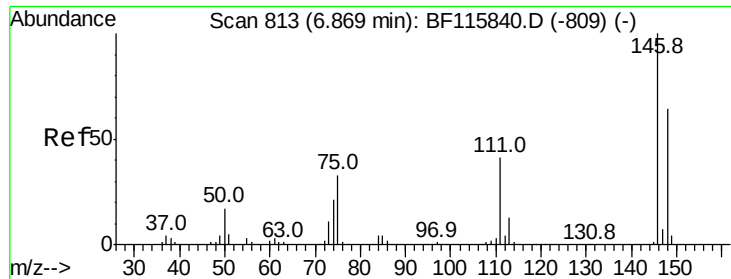
Jagrut
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#12
1,3-Dichlorobenzene
Concen: 41.636 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.02 min
Lab File: BF116283.D
Acq: 15 Aug 2019 17:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.3	76.9
75	32.2	27.4	41.2





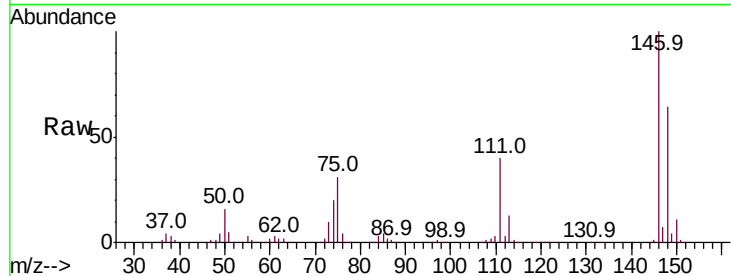
#13
 1,4-Dichlorobenzene
 Concen: 42.001 ng
 RT: 6.84 min Scan# 808
 Delta R.T. -0.02 min
 Lab File: BF116283.D
 Acq: 15 Aug 2019 17:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.3	76.9
111	39.8	34.0	51.0

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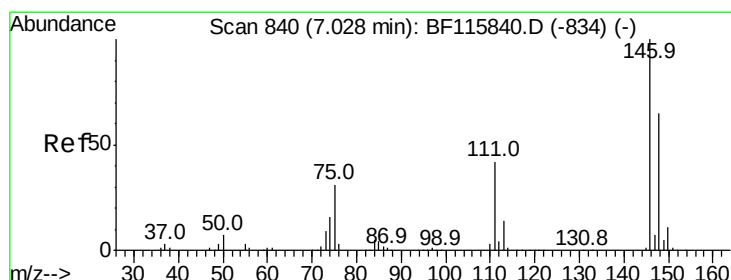
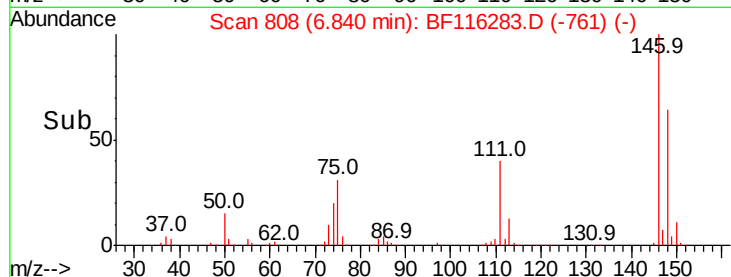
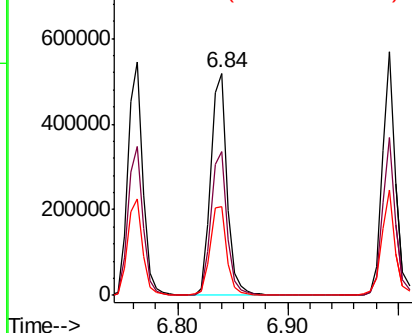


Abundance

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: 41.505 ng
 RT: 6.99 min Scan# 834
 Delta R.T. -0.03 min
 Lab File: BF116283.D
 Acq: 15 Aug 2019 17:33

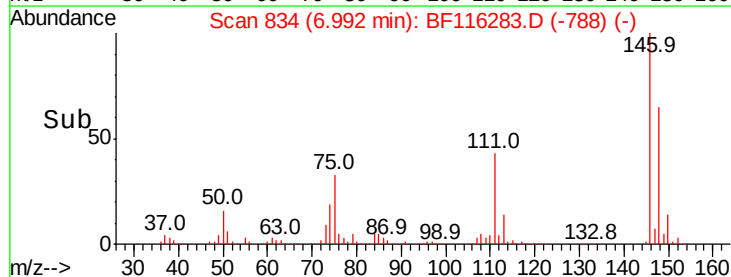
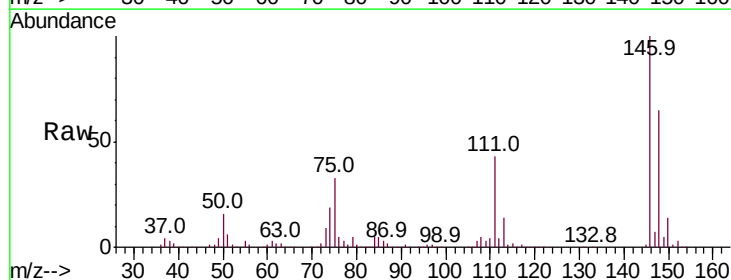
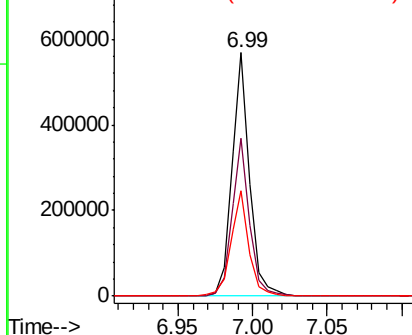
Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.2	76.8
111	43.3	33.5	50.3

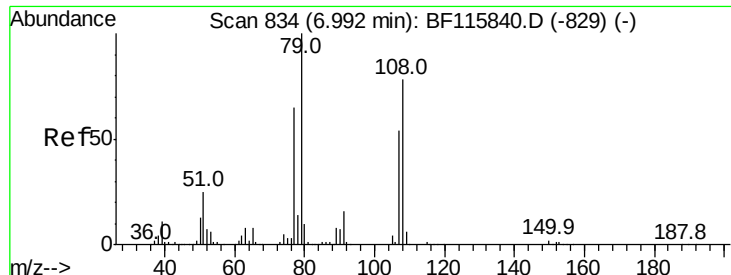
Abundance

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





#15

Benzyl Alcohol

Concen: 38.816 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.02 min

Lab File: BF116283.D

Acq: 15 Aug 2019 17:33

Instrument :

BNA_F

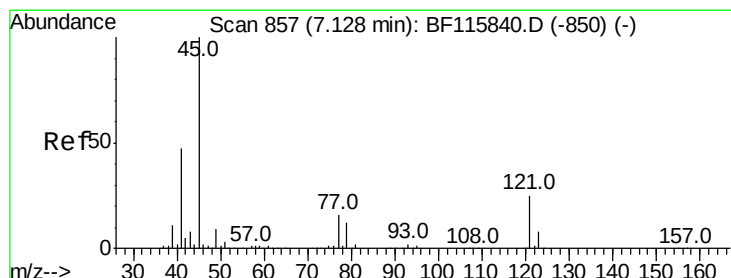
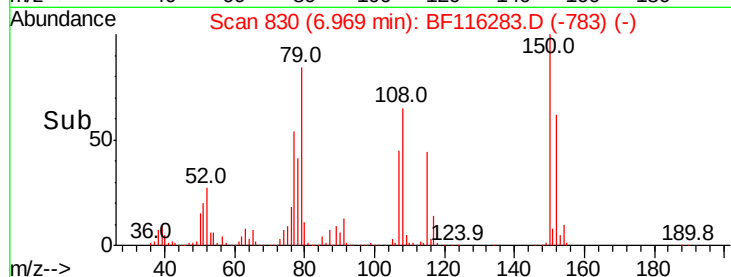
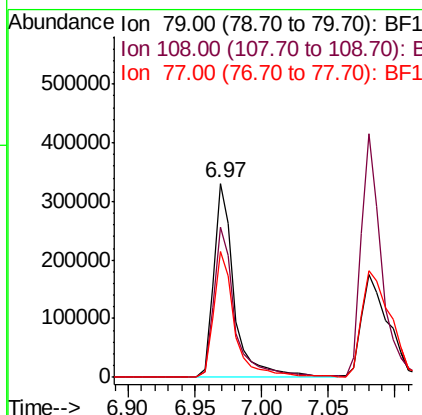
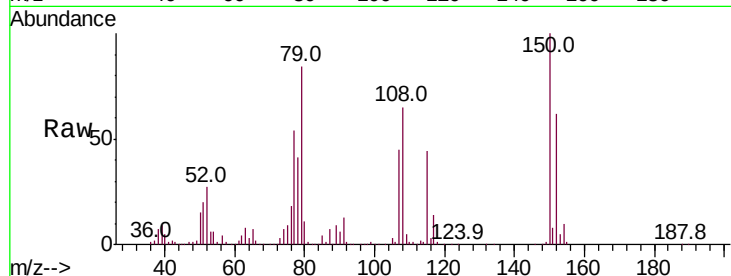
ClientSampled :

SSTDCCC040

Tot Ion:	79	Resp:	359731
Ion Ratio	Lower	Upper	
79	100		
108	77.1	62.7	94.1
77	64.5	52.2	78.2

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 41.462 ng

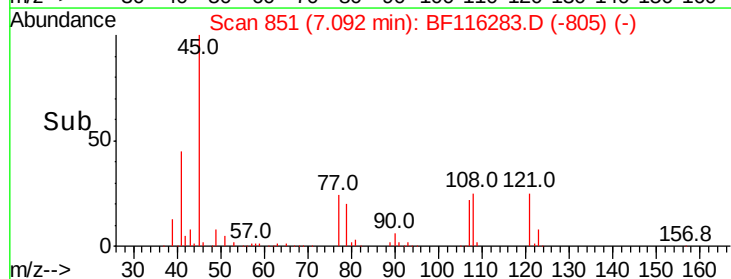
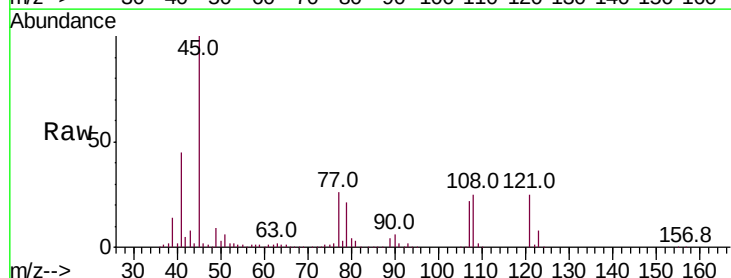
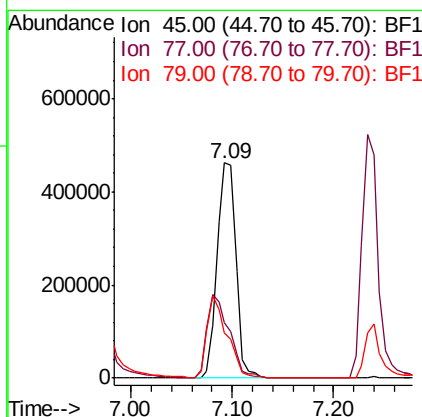
RT: 7.09 min Scan# 851

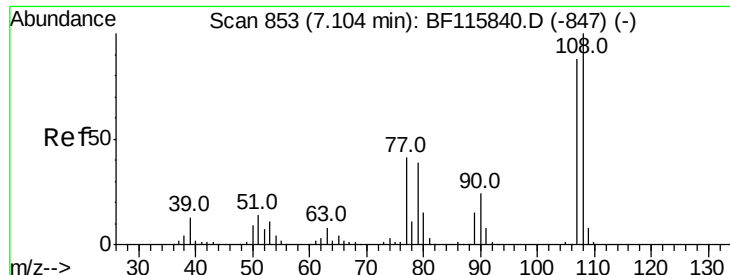
Delta R.T. -0.03 min

Lab File: BF116283.D

Acq: 15 Aug 2019 17:33

Tgt Ion:	45	Resp:	597934
Ion Ratio	Lower	Upper	
45	100		
77	25.6	0.0	40.0
79	21.2	0.0	35.9





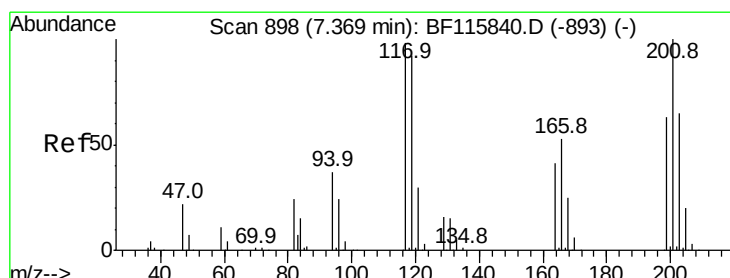
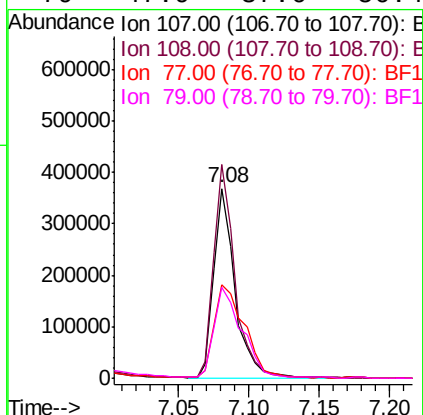
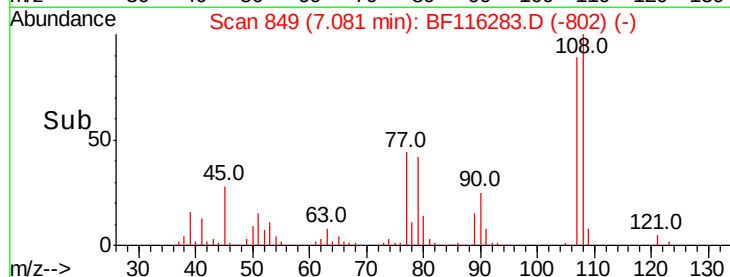
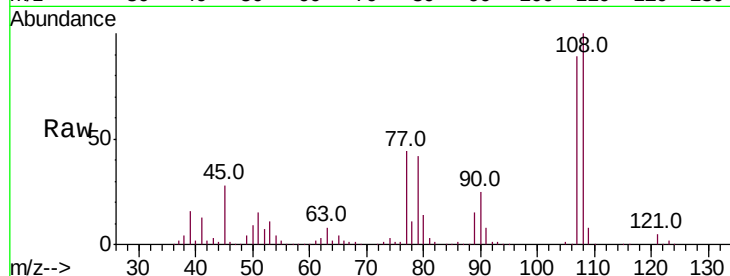
#17
2-Methylphenol
Concen: 42.317 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.02 min
Lab File: BF116283.D
Acq: 15 Aug 2019 17:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.7	91.2	136.8	
77	49.1	40.3	60.5	
79	47.9	37.6	56.4	

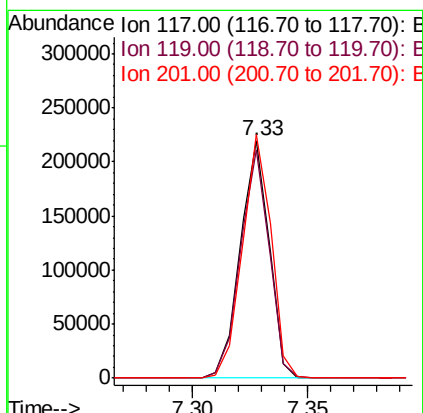
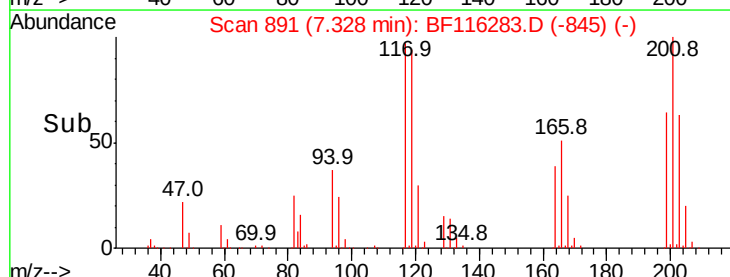
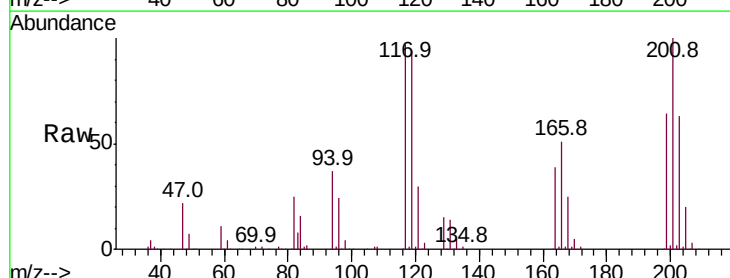
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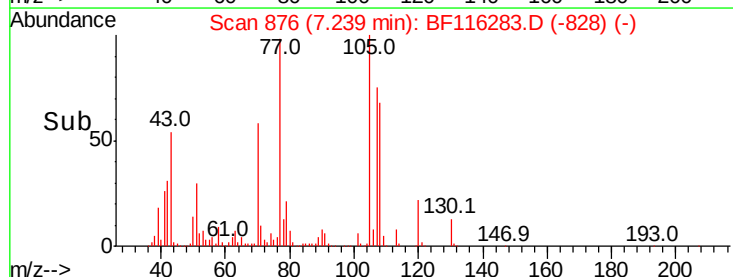
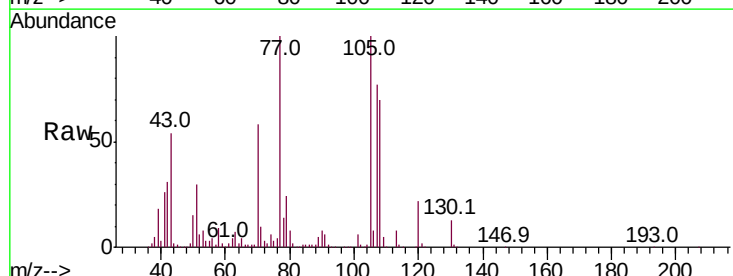
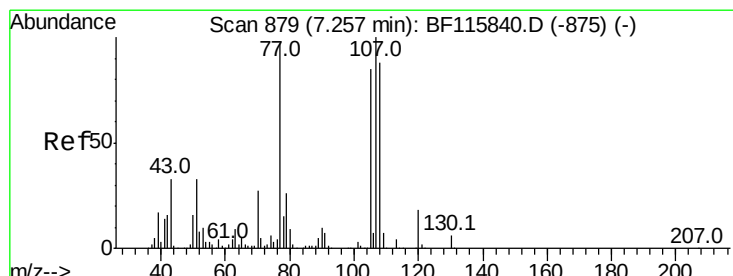
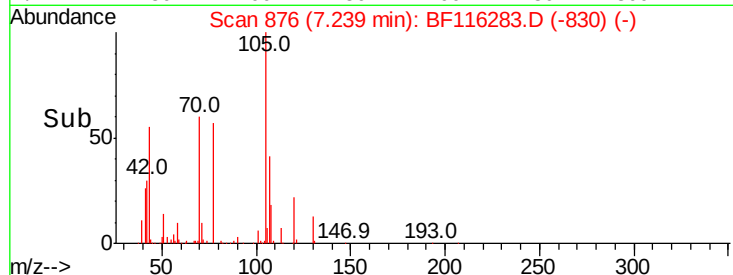
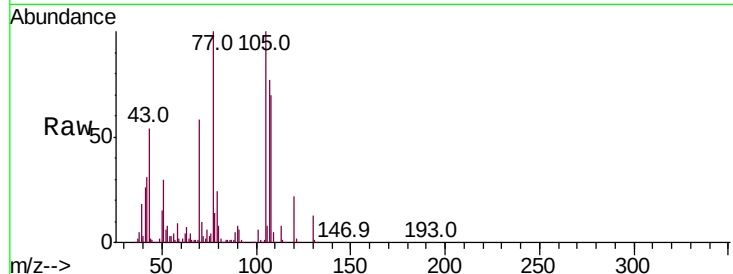
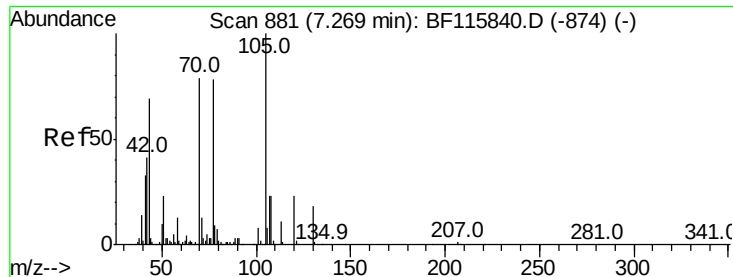
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#18
Hexachloroethane
Concen: 42.060 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.03 min
Lab File: BF116283.D
Acq: 15 Aug 2019 17:33

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.3	76.1	114.1	
201	102.6	77.0	115.4	





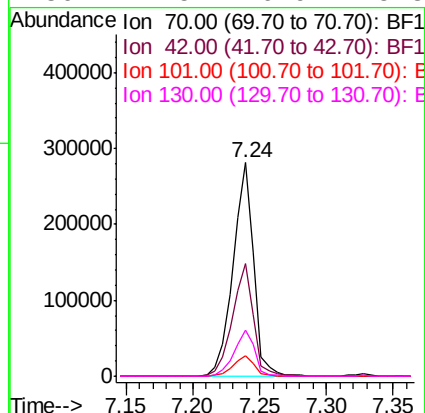
#19
n-Nitroso-di-n-propylamine
Concen: 40.470 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.03 min
Lab File: BF116283.D
Acq: 15 Aug 2019 17:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	52.9	40.9	61.3		
101	9.8	7.9	11.9		
130	21.5	16.9	25.3		

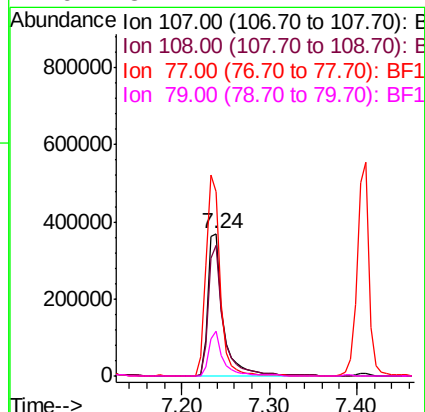
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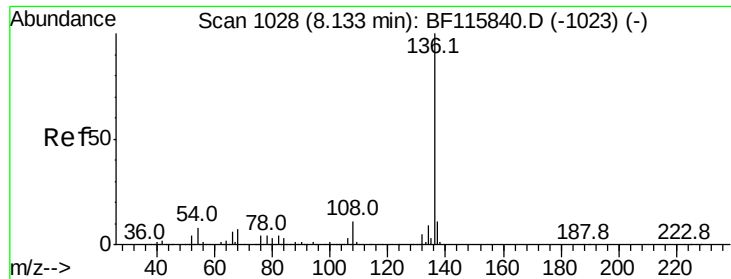
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#20
3+4-Methylphenols
Concen: 41.486 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.02 min
Lab File: BF116283.D
Acq: 15 Aug 2019 17:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	91.9	67.6	107.6		
77	130.1	104.4	144.4		
79	31.2	7.4	47.4		





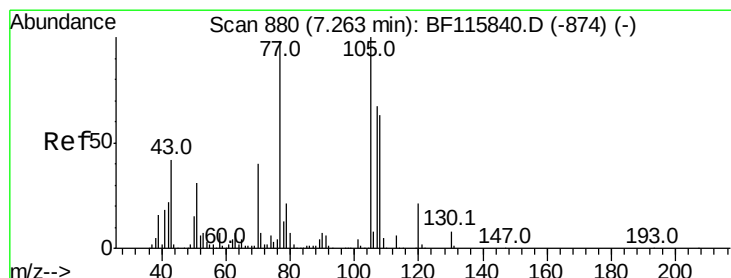
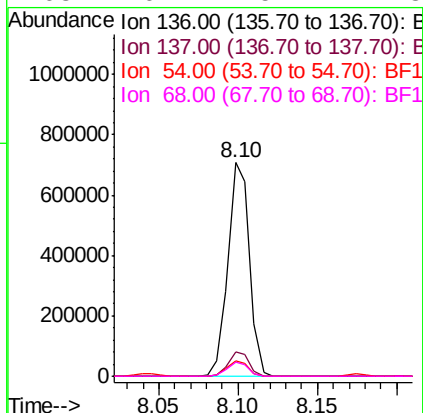
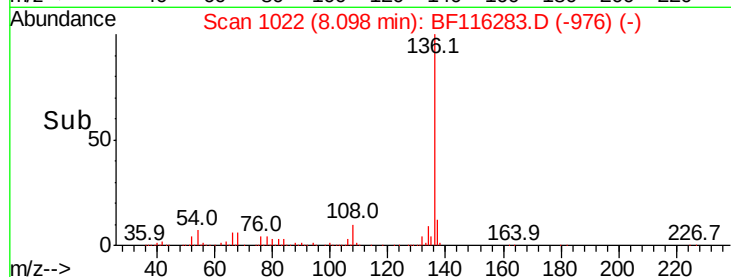
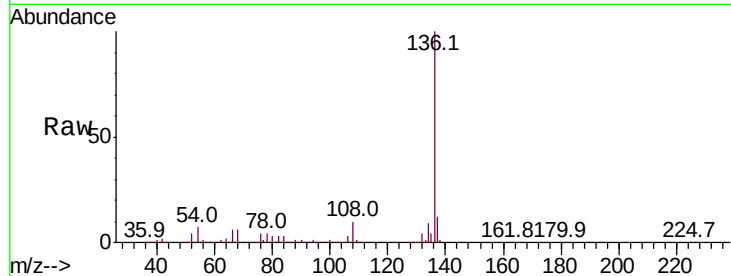
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BF116283.D
Acq: 15 Aug 2019 17:33

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	666473		
137	11.6	9.0	13.4	
54	7.4	5.8	8.6	
68	6.4	5.2	7.8	

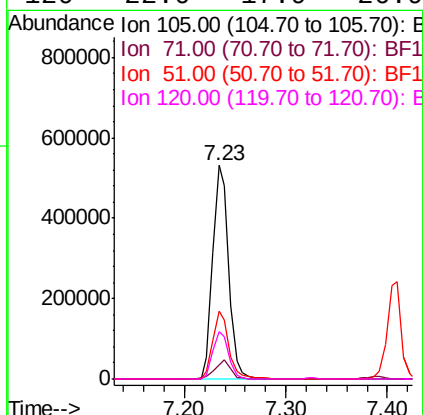
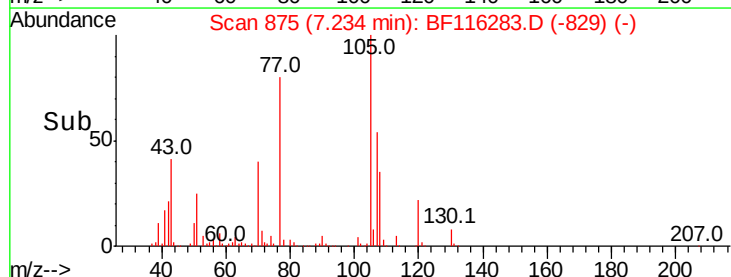
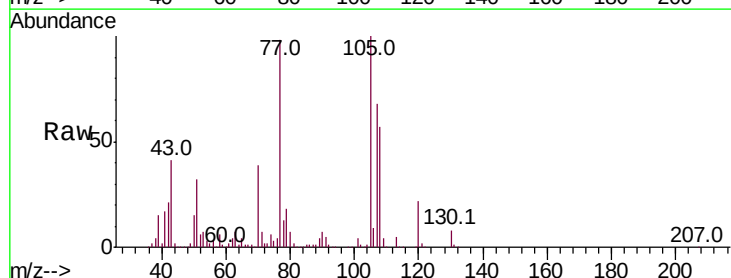
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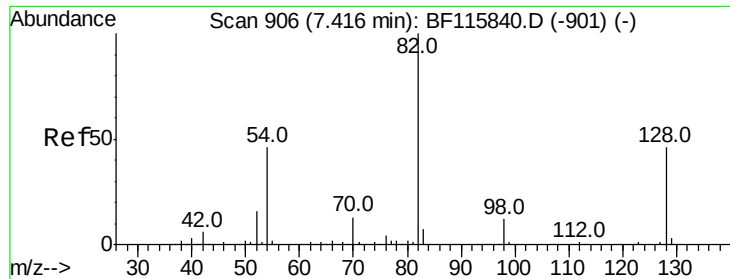
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#22
Acetophenone
Concen: 39.824 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.03 min
Lab File: BF116283.D
Acq: 15 Aug 2019 17:33

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	582090		
71	6.7	5.9	8.9	
51	31.8	25.3	37.9	
120	22.0	17.9	26.9	





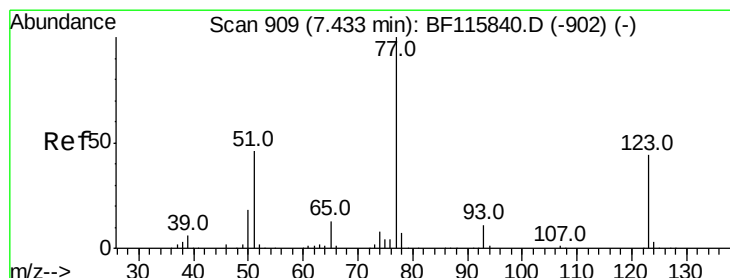
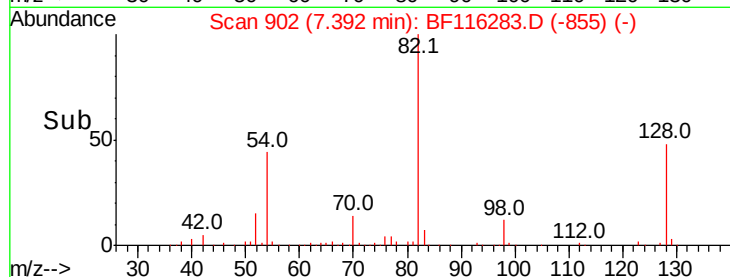
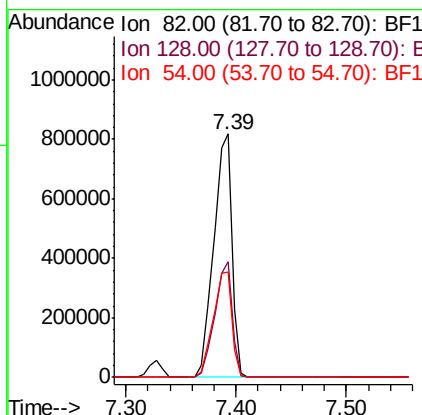
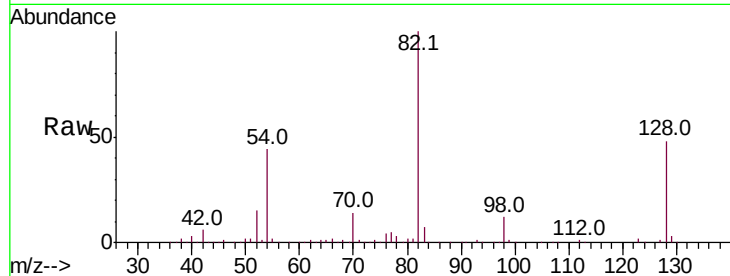
#23
 Nitrobenzene-d5
 Concen: 80.393 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.02 min
 Lab File: BF116283.D
 Acq: 15 Aug 2019 17:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.7	36.5	54.7
54	43.5	36.0	54.0

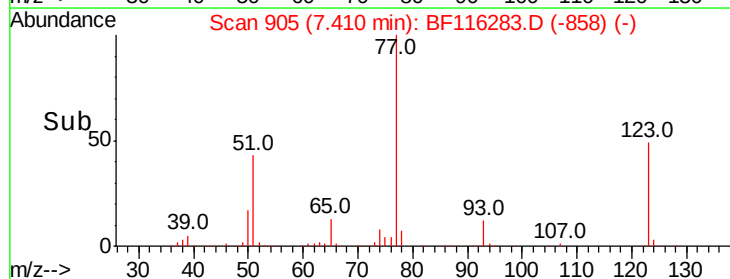
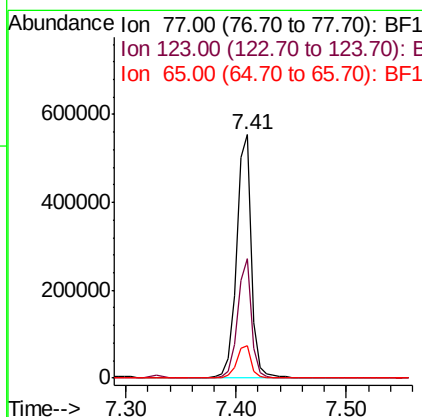
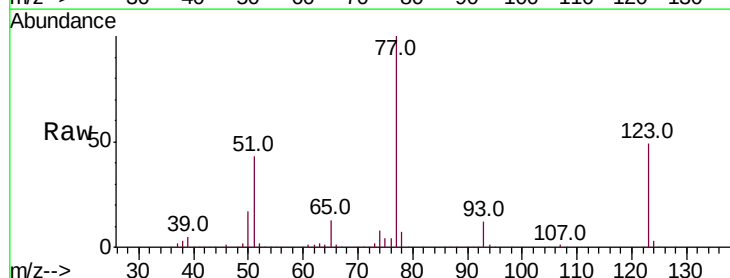
Manual Integrations
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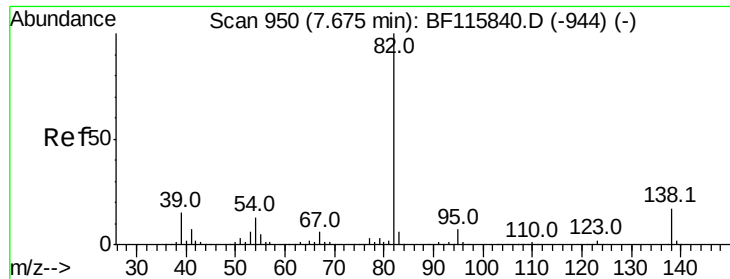
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#24
 Nitrobenzene
 Concen: 41.697 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.02 min
 Lab File: BF116283.D
 Acq: 15 Aug 2019 17:33

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.9	36.7	55.1
65	13.2	10.6	16.0





#25

Isophorone

Concen: 43.027 ng

RT: 7.65 min Scan# 945

Delta R.T. -0.03 min

Lab File: BF116283.D

Acq: 15 Aug 2019 17:33

Instrument :

BNA_F

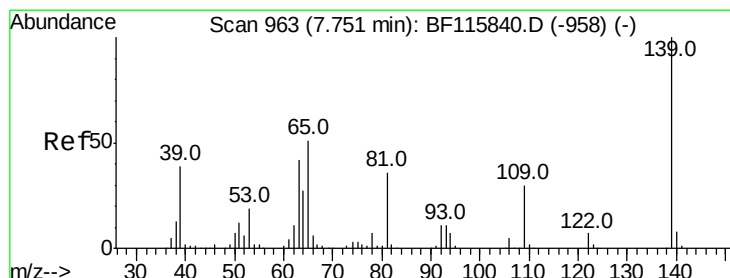
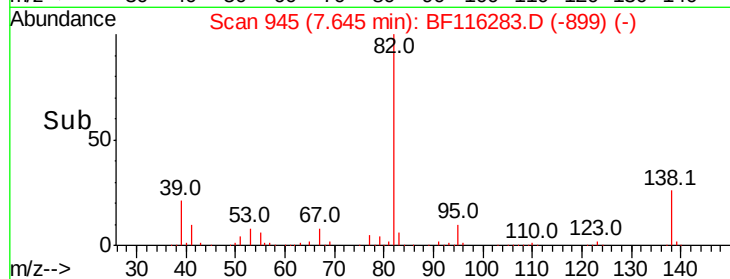
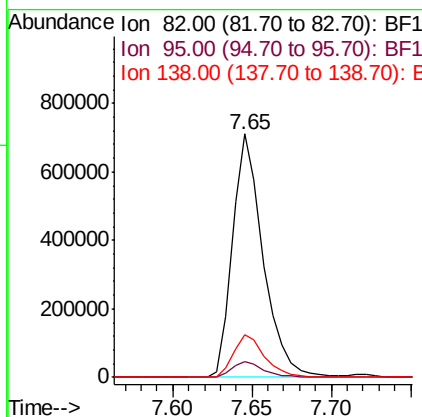
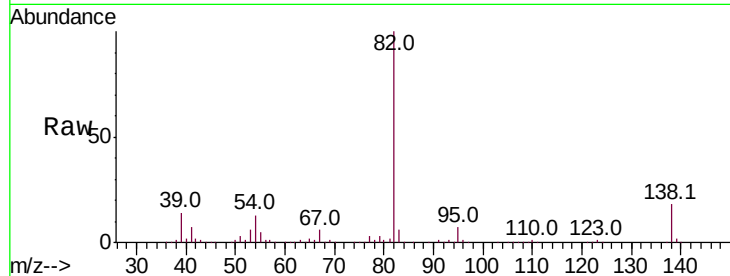
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	949941
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.4	8.0
138	17.6	14.5	21.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 44.009 ng

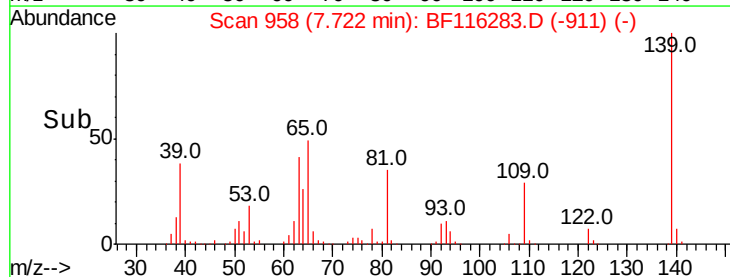
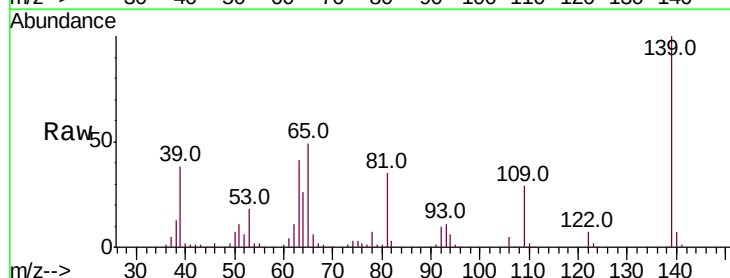
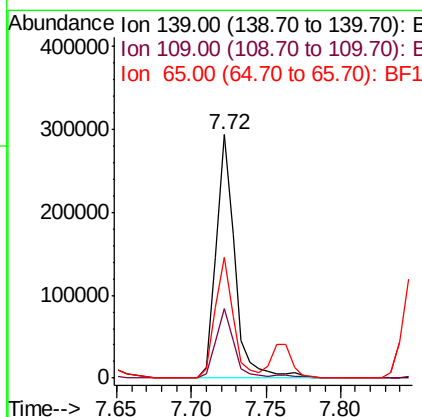
RT: 7.72 min Scan# 958

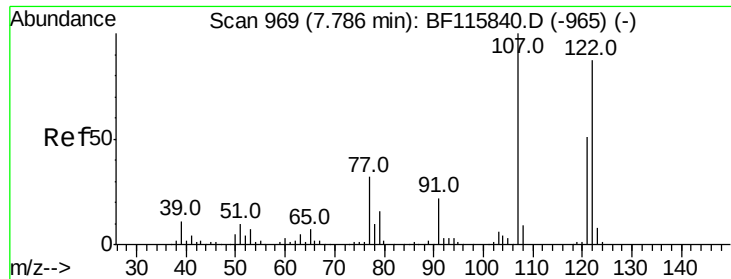
Delta R.T. -0.02 min

Lab File: BF116283.D

Acq: 15 Aug 2019 17:33

Tgt Ion:	139	Resp:	258631
Ion Ratio	Lower	Upper	
139	100		
109	28.7	23.4	35.2
65	49.4	41.1	61.7





#27

2,4-Dimethylphenol

Concen: 40.903 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.02 min

Lab File: BF116283.D

Acq: 15 Aug 2019 17:33

Instrument :

BNA_F

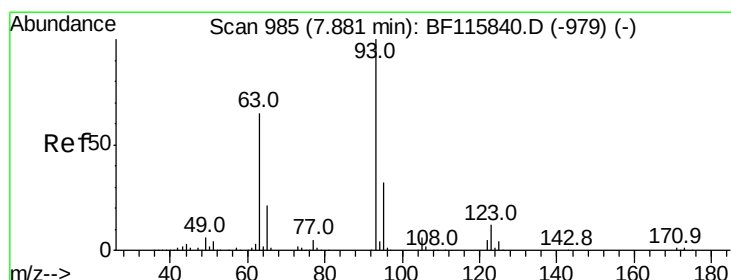
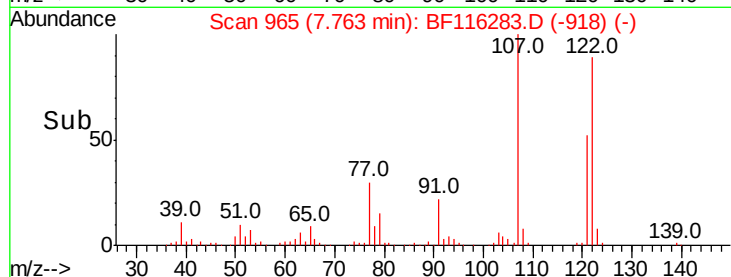
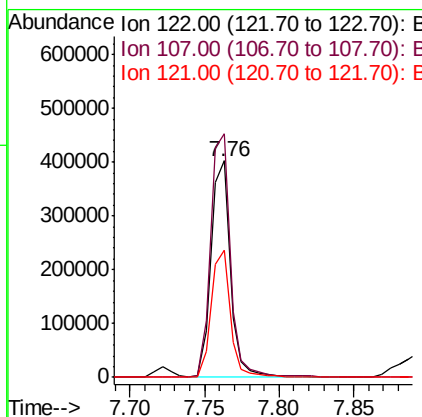
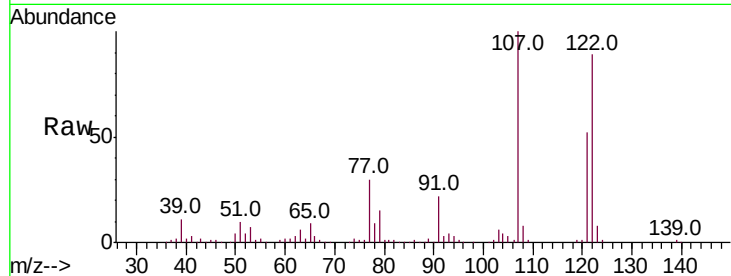
ClientSampleId :

SSTDCCC040

Tot Ion:	122	Resp:	361640
Ion Ratio	Lower	Upper	
122	100		
107	112.5	93.0	139.6
121	58.4	47.6	71.4

Manual Integrations
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#28

bis(2-Chloroethoxy)methane

Concen: 42.427 ng

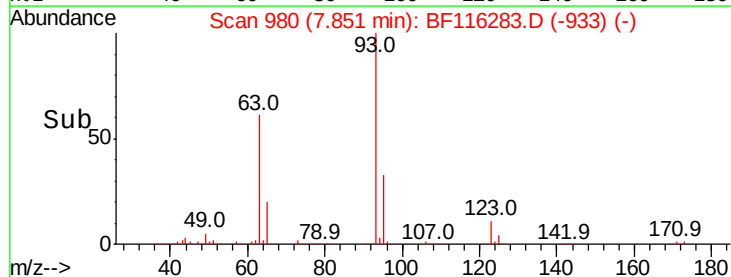
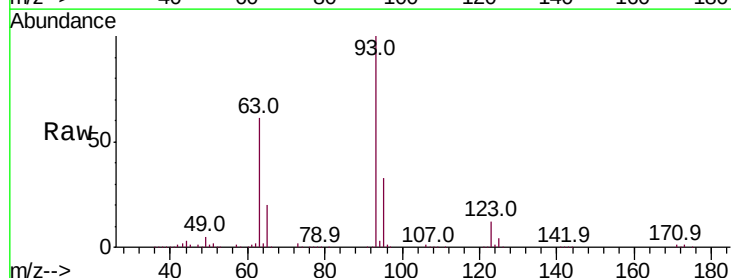
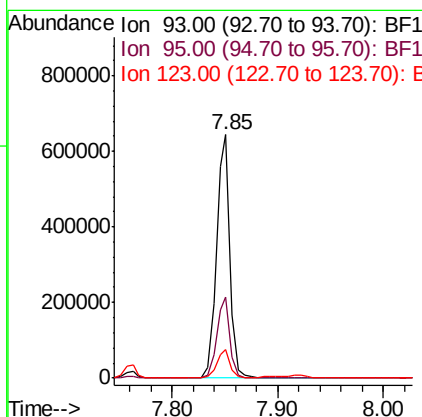
RT: 7.85 min Scan# 980

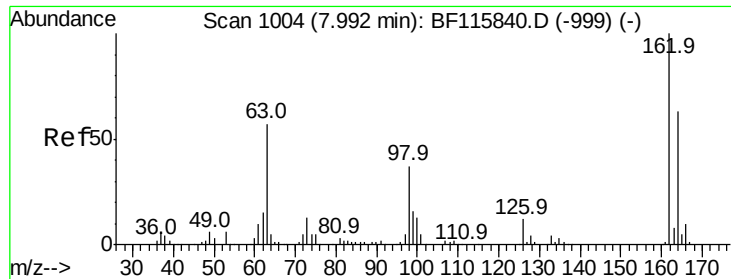
Delta R.T. -0.02 min

Lab File: BF116283.D

Acq: 15 Aug 2019 17:33

Tgt Ion:	93	Resp:	580573
Ion Ratio	Lower	Upper	
93	100		
95	33.1	26.2	39.4
123	11.5	9.2	13.8





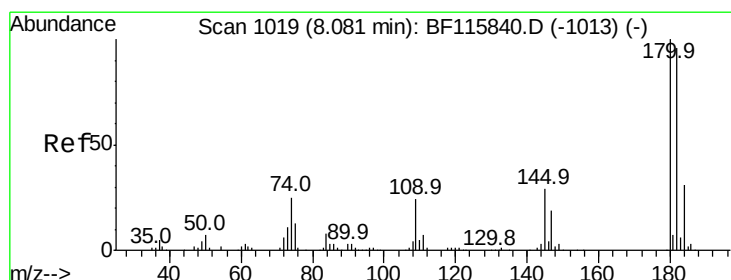
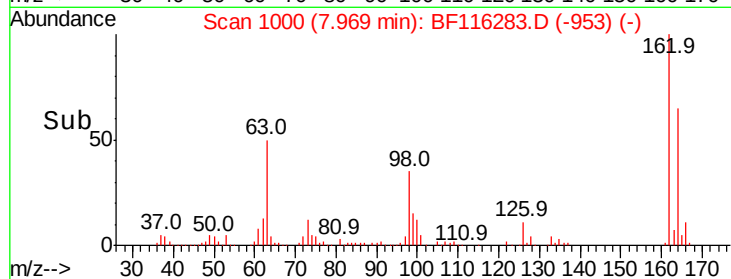
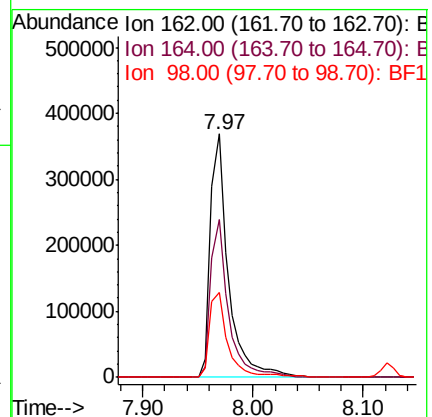
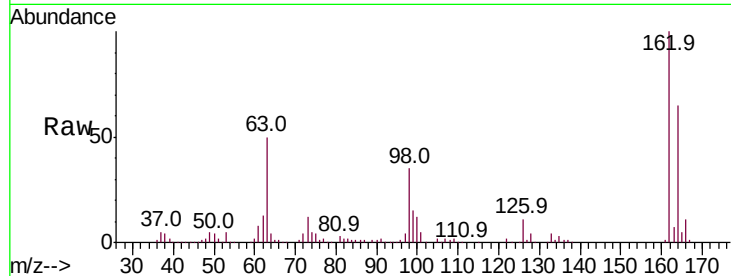
#29
 2,4-Dichlorophenol
 Concen: 43.335 ng
 RT: 7.97 min Scan# 1000
 Delta R.T. -0.02 min
 Lab File: BF116283.D
 Acq: 15 Aug 2019 17:33

Instrument :
 BNA_F
 ClientSampleID :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.8	45.1	85.1
98	34.7	15.8	55.8

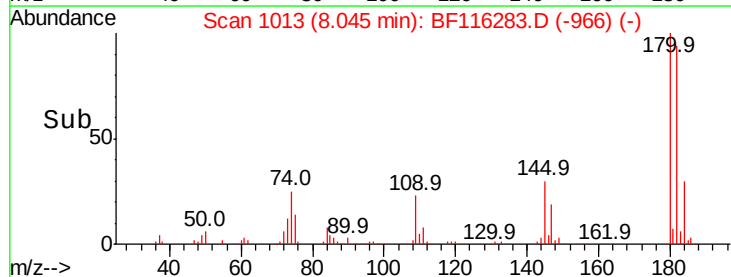
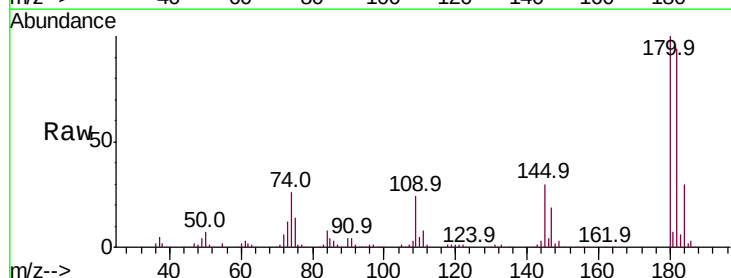
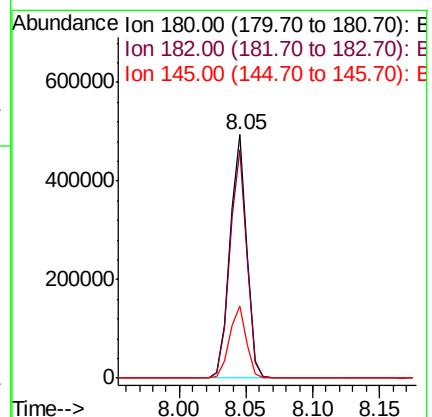
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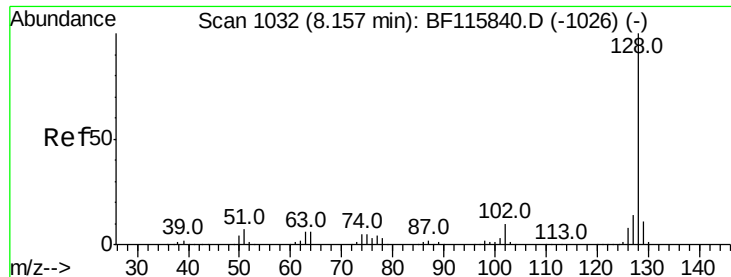
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.438 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. -0.02 min
 Lab File: BF116283.D
 Acq: 15 Aug 2019 17:33

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	93.6	75.7	113.5
145	29.6	24.3	36.5





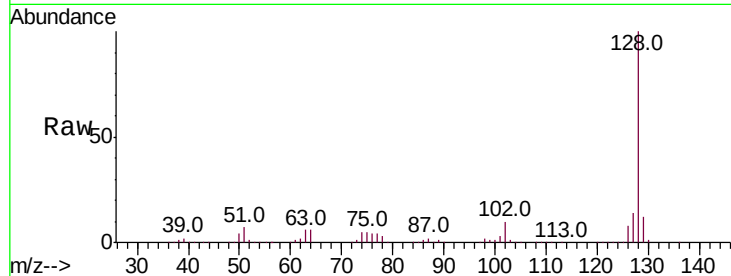
#31
Naphthalene
Concen: 41.801 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.03 min
Lab File: BF116283.D
Acq: 15 Aug 2019 17:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.3	13.9
127	13.9	11.4	17.0

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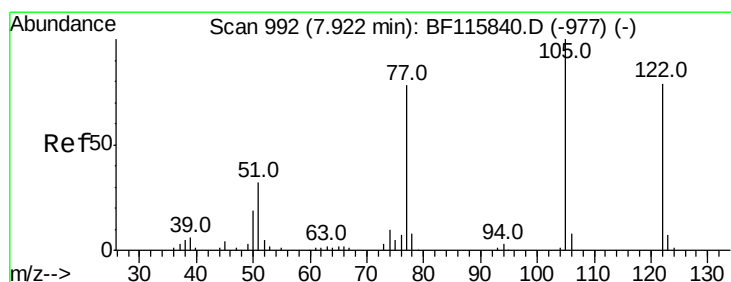
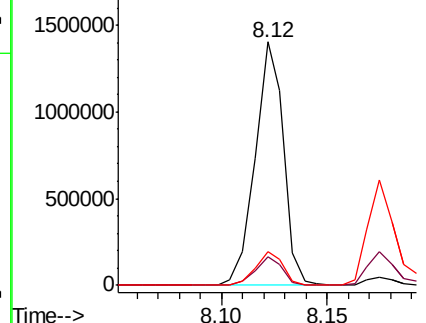
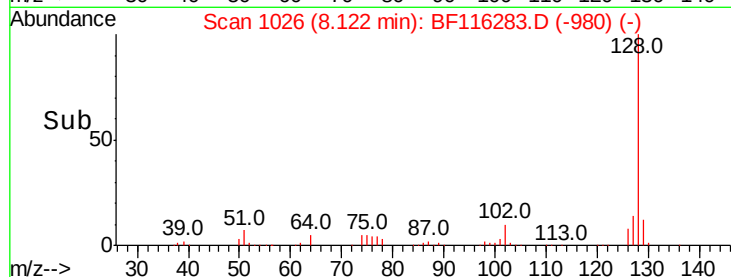


Abundance

Ion 128.00 (127.70 to 128.70): E

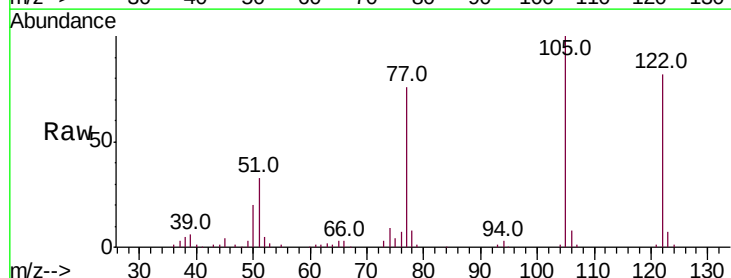
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 35.150 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.02 min
Lab File: BF116283.D
Acq: 15 Aug 2019 17:33

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.4	106.1	146.1
77	93.5	76.7	116.7

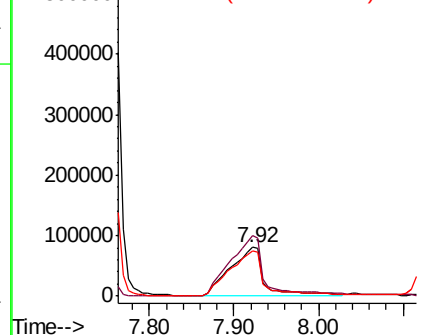
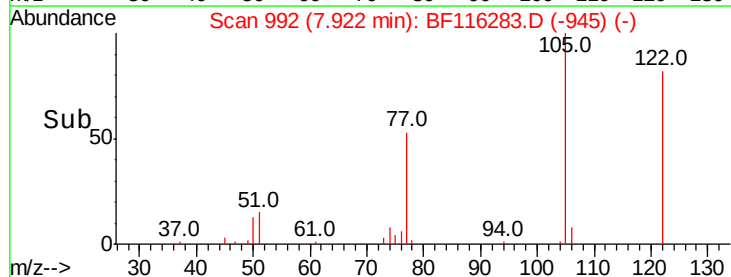


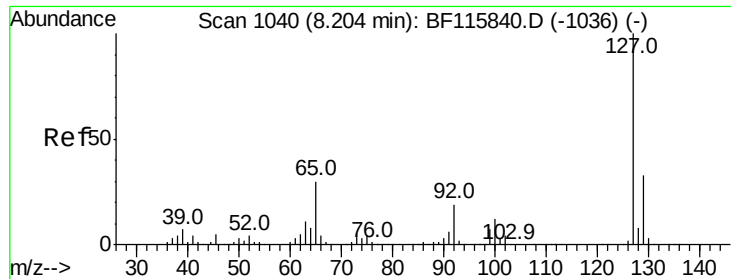
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





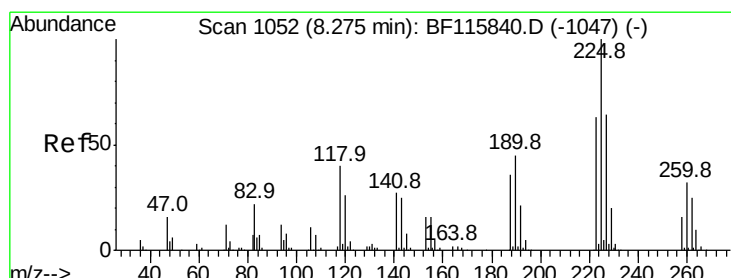
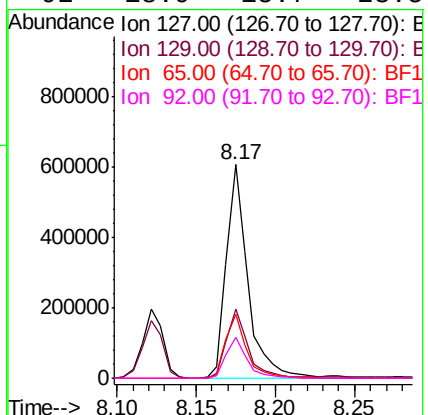
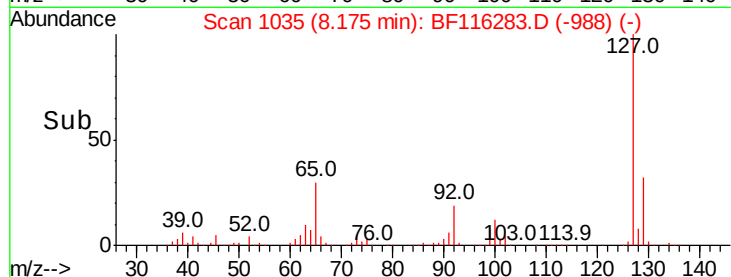
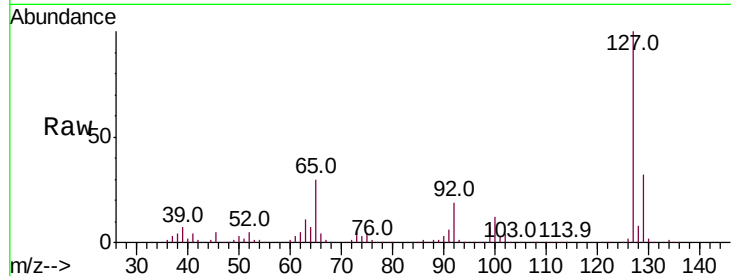
#33
4-Chloroaniline
Concen: 40.313 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.02 min
Lab File: BF116283.D
Acq: 15 Aug 2019 17:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.1	39.1
65	30.0	24.9	37.3
92	18.9	15.7	23.5

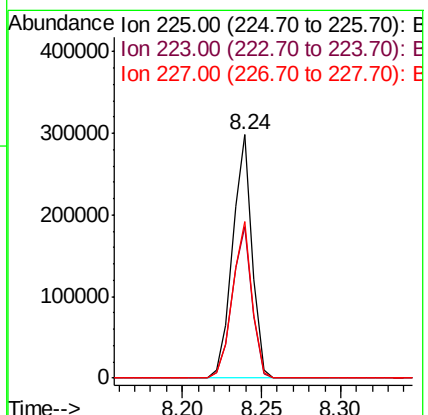
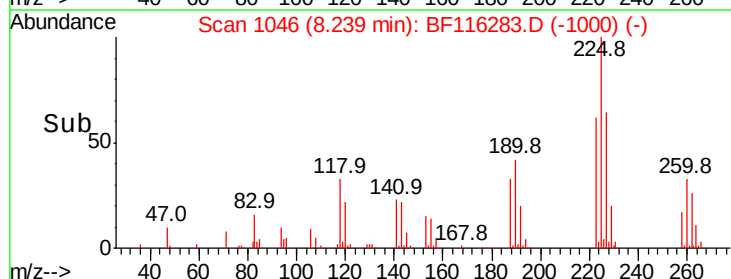
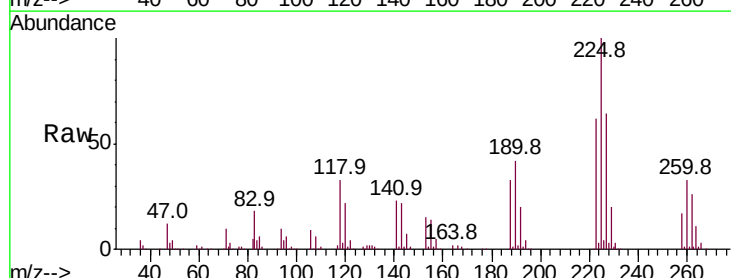
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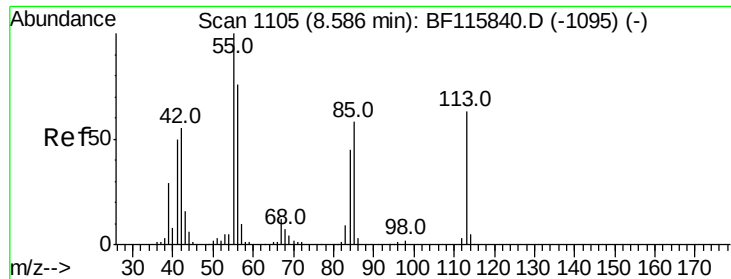
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#34
Hexachlorobutadiene
Concen: 41.458 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.03 min
Lab File: BF116283.D
Acq: 15 Aug 2019 17:33

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.0	75.0
227	64.4	51.0	76.4





#35

Caprolactam

Concen: 41.910 ng/mL

RT: 8.56 min Scan# 1101

Delta R.T. -0.03 min

Lab File: BF116283.D

Acq: 15 Aug 2019 17:33

Instrument :

BNA_F

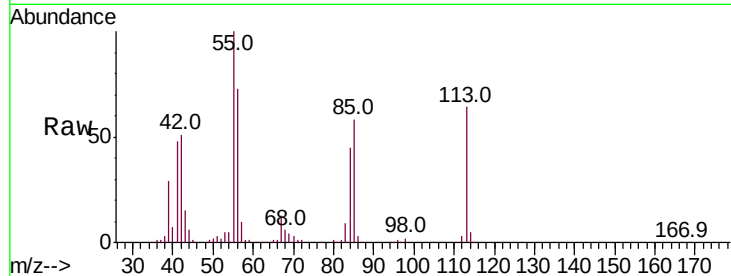
ClientSampleId :

SSTDCCC040

Tot Ion:	113	Resp:	126539
Ion Ratio	Lower	Upper	
113	100		
55	155.2	144.3	184.3
56	113.5	97.1	137.1

Manual Integrations
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1

150000

100000

50000

0

8.56

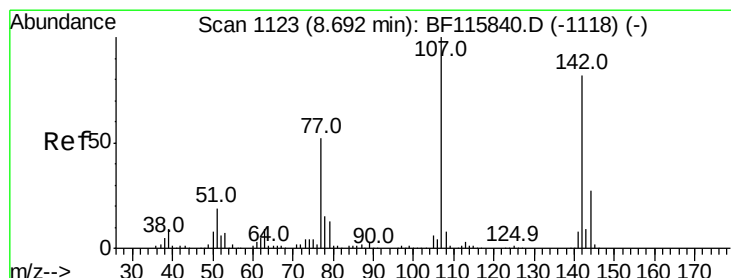
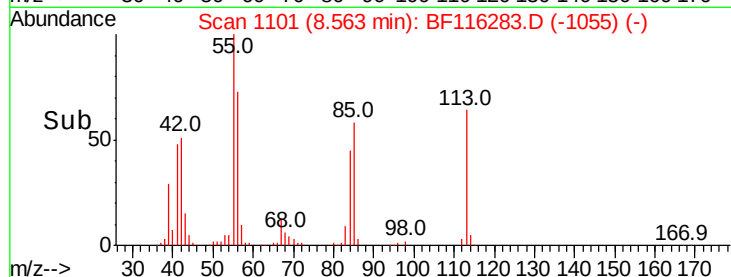
8.50

8.55

8.60

8.65

Time-->



#36

4-Chloro-3-methylphenol

Concen: 43.247 ng/mL

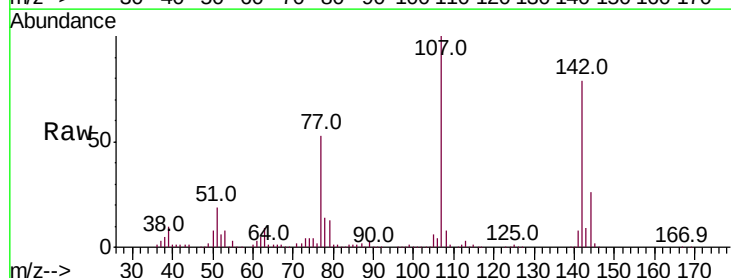
RT: 8.66 min Scan# 1118

Delta R.T. -0.02 min

Lab File: BF116283.D

Acq: 15 Aug 2019 17:33

Tgt Ion:	107	Resp:	420006
Ion Ratio	Lower	Upper	
107	100		
144	25.6	20.2	30.2
142	78.8	61.7	92.5



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

1200000

1000000

800000

600000

400000

200000

0

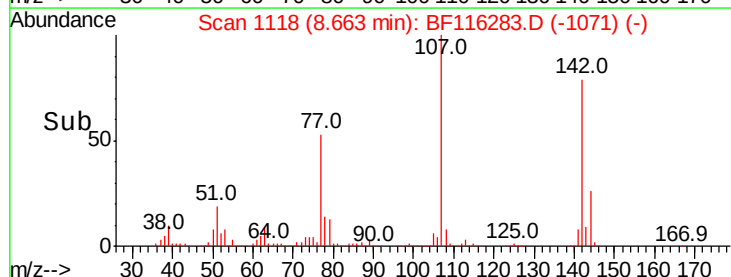
8.66

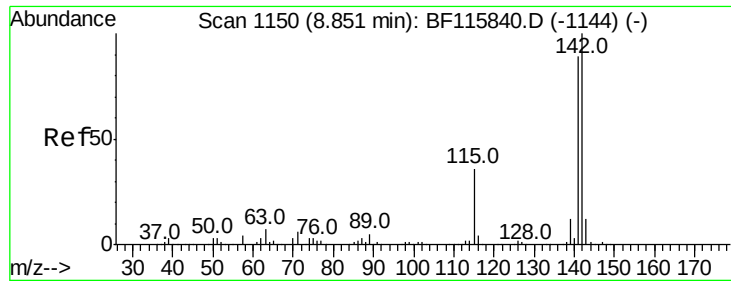
8.60

8.70

8.80

Time-->





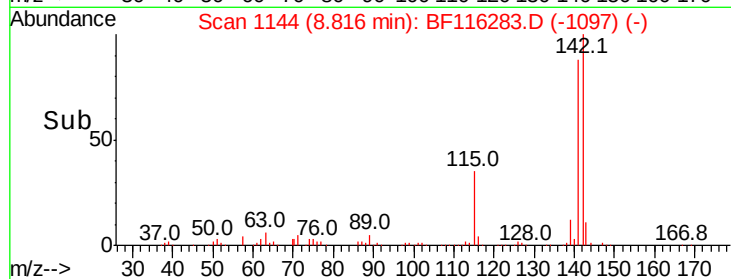
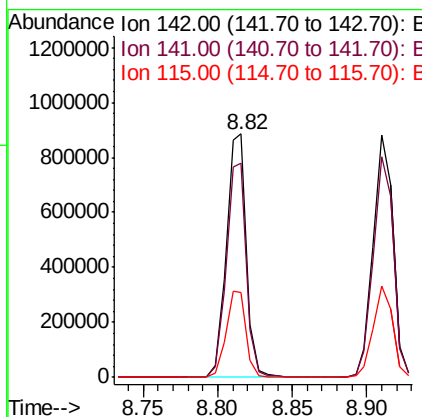
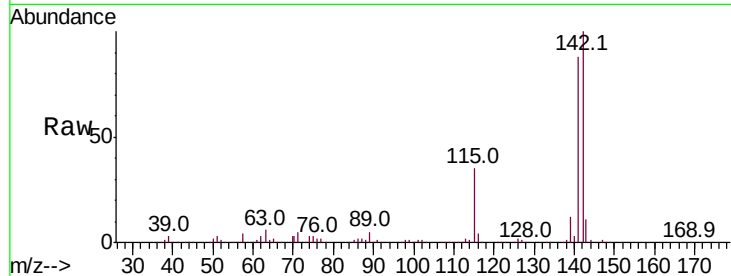
#37
 2-Methylnaphthalene
 Concen: 40.713 ng
 RT: 8.82 min Scan# 1144
 Delta R.T. -0.02 min
 Lab File: BF116283.D
 Acq: 15 Aug 2019 17:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.9	106.3
115	34.7	29.0	43.6

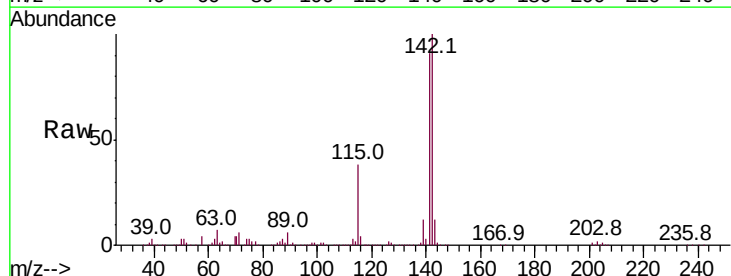
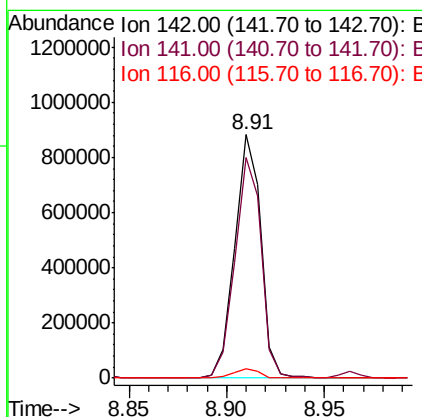
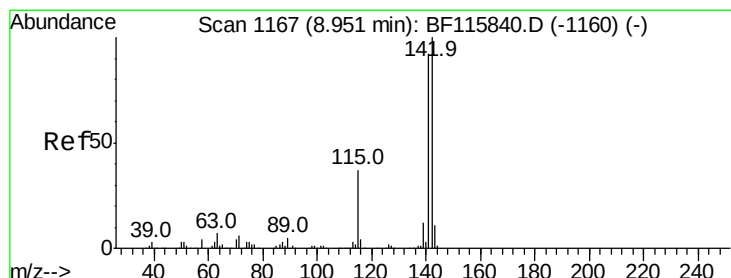
Manual Integrations
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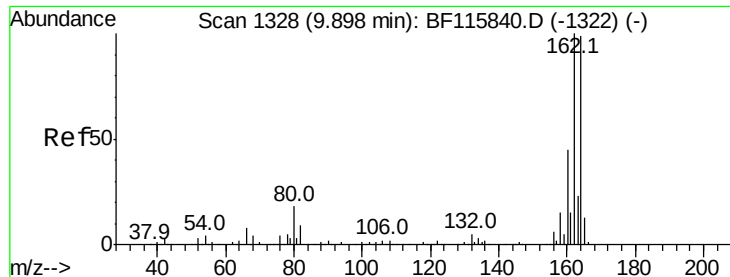
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#38
 1-Methylnaphthalene
 Concen: 41.603 ng
 RT: 8.91 min Scan# 1160
 Delta R.T. -0.03 min
 Lab File: BF116283.D
 Acq: 15 Aug 2019 17:33

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.7	74.4	111.6
116	3.9	3.1	4.7





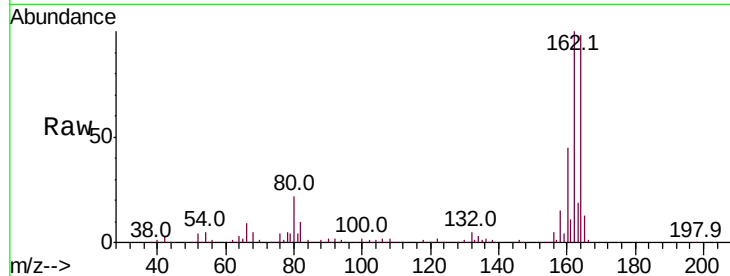
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.04 min
Lab File: BF116283.D
Acq: 15 Aug 2019 17:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.0	82.6	124.0
160	45.8	37.6	56.4

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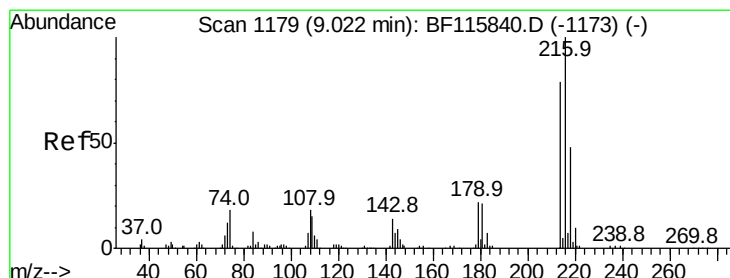
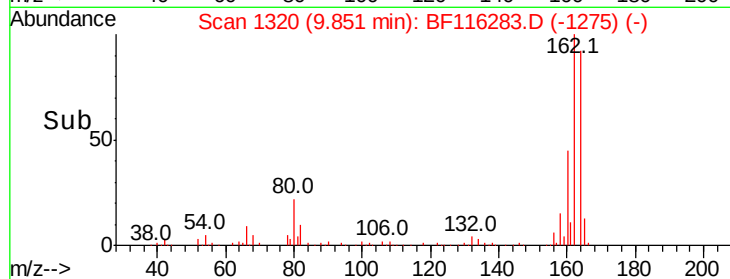
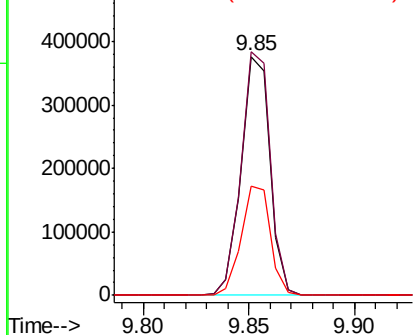


Abundance

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: 41.551 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.03 min
Lab File: BF116283.D
Acq: 15 Aug 2019 17:33

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.6	95.4
179	22.3	17.8	26.8
108	20.0	16.5	24.7

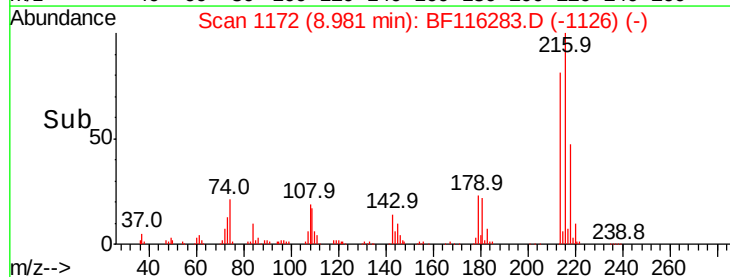
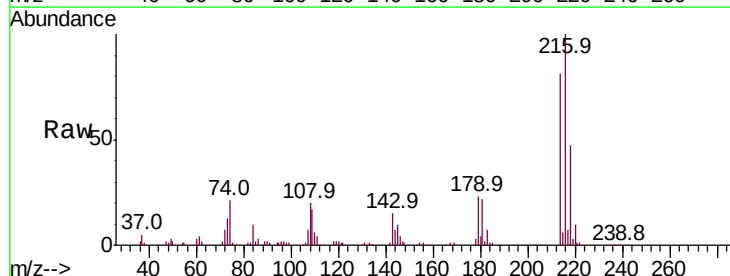
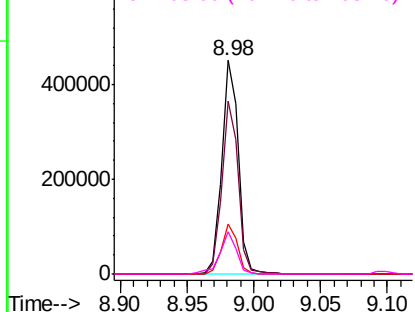
Abundance

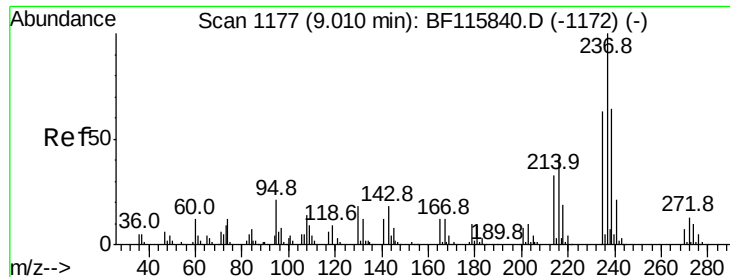
Ion 216.00 (215.70 to 216.70): E

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





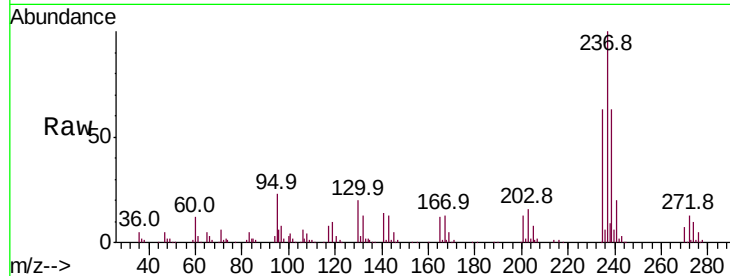
#41
Hexachlorocyclopentadiene
Concen: 34.128 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.03 min
Lab File: BF116283.D
Acq: 15 Aug 2019 17:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

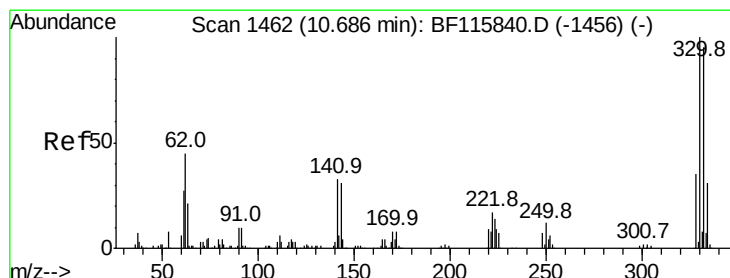
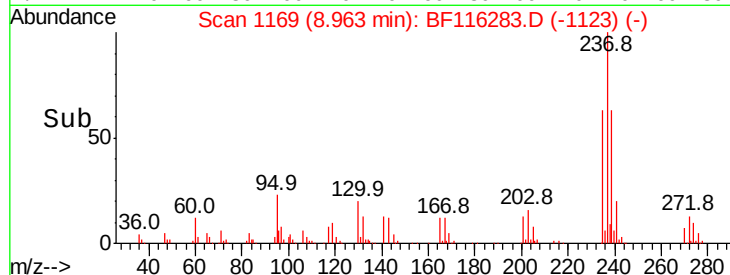
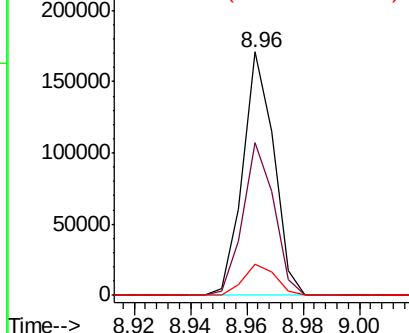
Tot Ion	Ratio	Resp	Lower	Upper
237	100	130617		
235	62.9	43.4	83.4	
272	12.7	0.0	33.2	

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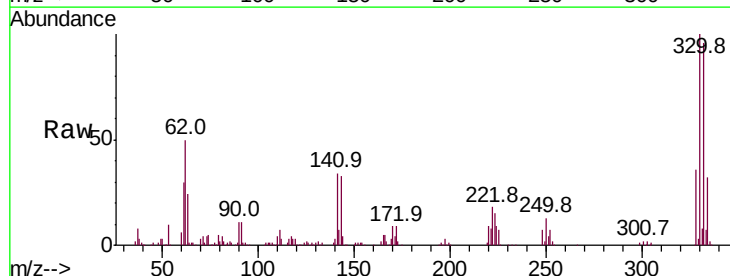


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

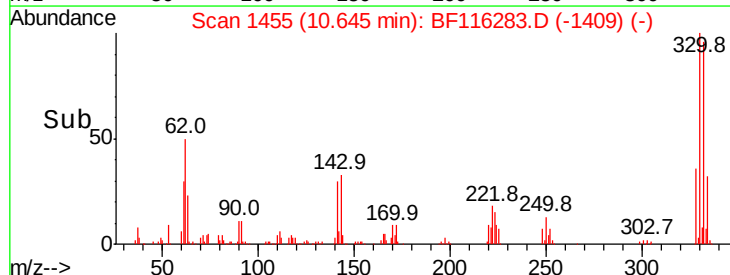
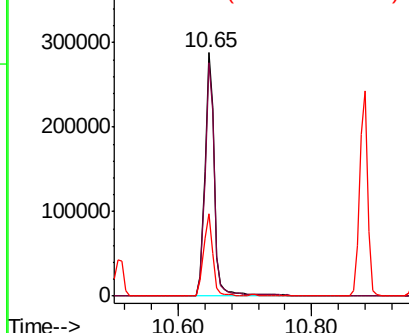


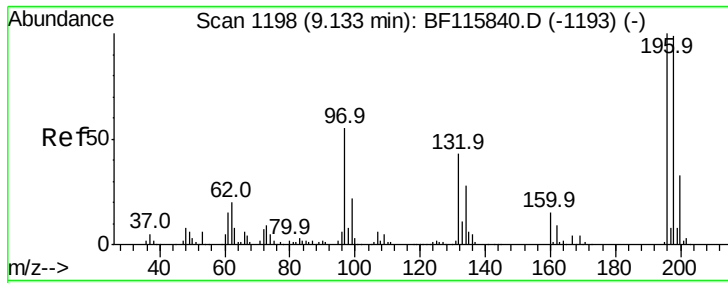
#42
2,4,6-Tribromophenol
Concen: 81.537 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.03 min
Lab File: BF116283.D
Acq: 15 Aug 2019 17:33

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	282446		
332	96.3	76.8	115.2	
141	32.3	26.3	39.5	



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





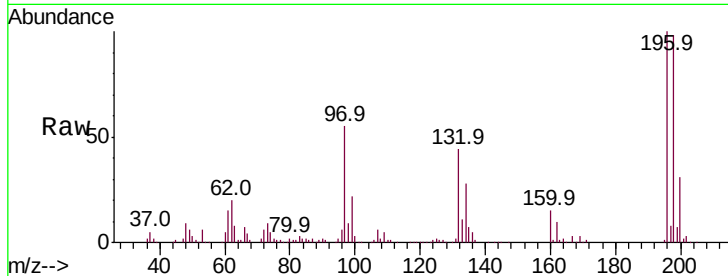
#43
 2,4,6-Trichlorophenol
 Concen: 38.935 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.02 min
 Lab File: BF116283.D
 Acq: 15 Aug 2019 17:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

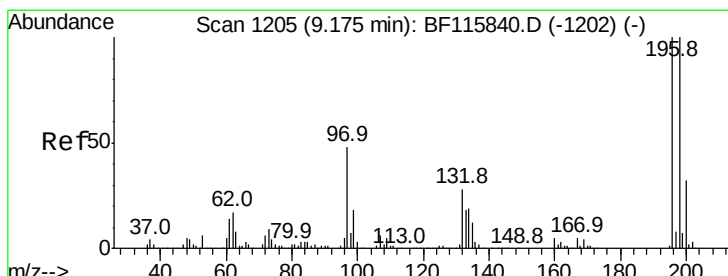
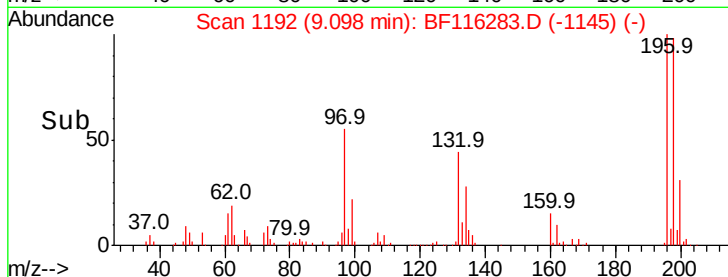
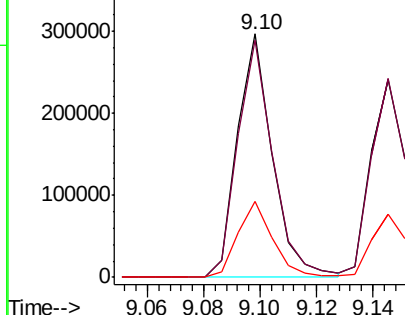
Tot Ion:	196	Resp:	255986
Ion Ratio	Lower	Upper	
196	100		
198	97.6	79.2	118.8
200	31.4	25.2	37.8

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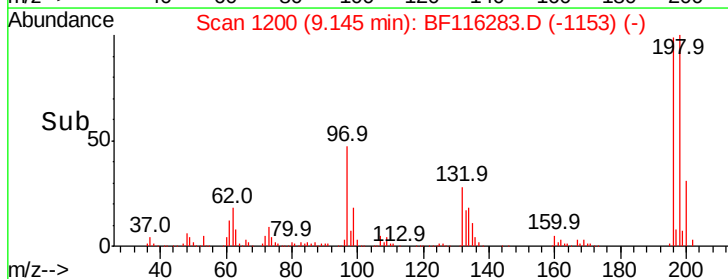
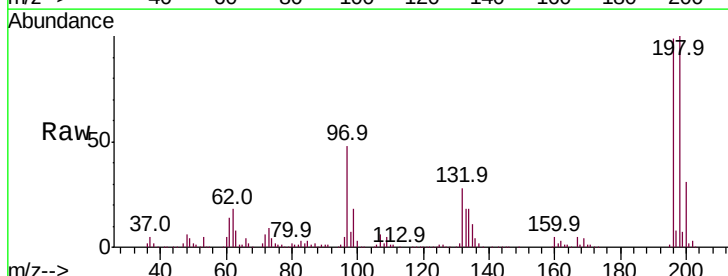
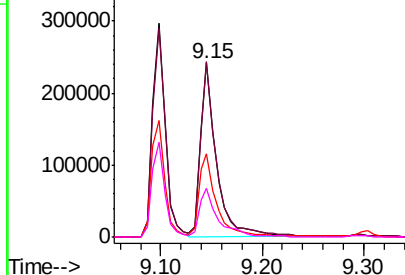
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

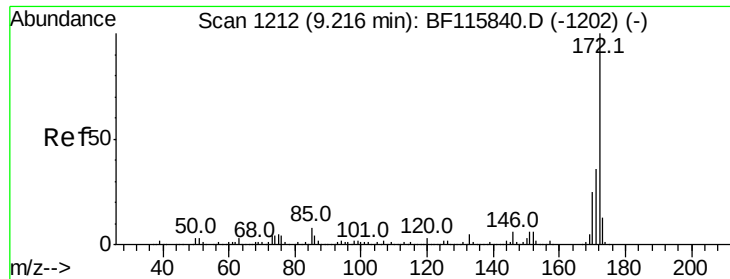


#44
 2,4,5-Trichlorophenol
 Concen: 39.520 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.02 min
 Lab File: BF116283.D
 Acq: 15 Aug 2019 17:33

Tgt Ion:	196	Resp:	268587
Ion Ratio	Lower	Upper	
196	100		
198	100.8	78.8	118.2
97	48.2	42.2	63.4
132	28.3	24.0	36.0

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





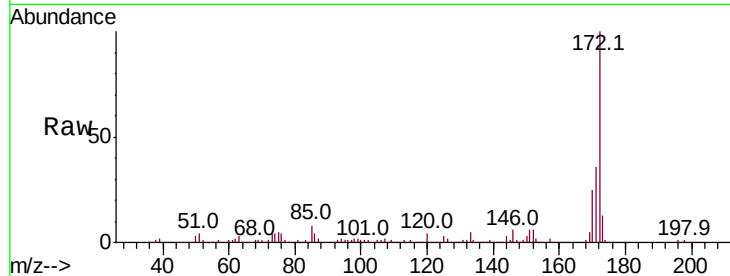
#45
2-Fluorobiphenyl
Concen: 78.009 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.03 min
Lab File: BF116283.D
Acq: 15 Aug 2019 17:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

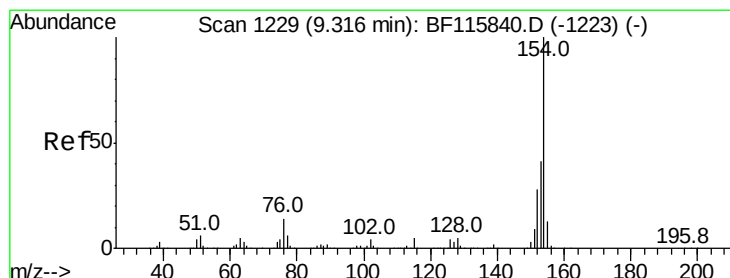
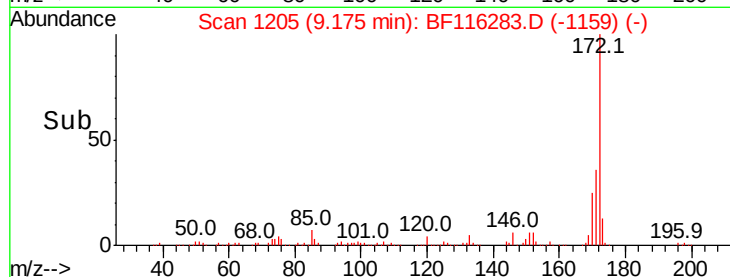
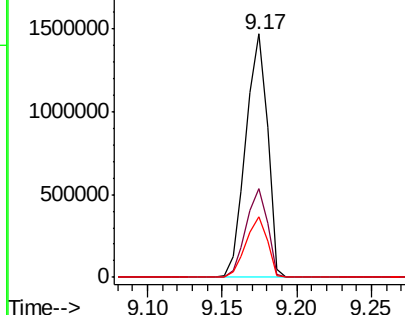
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	25.0	20.1	30.1

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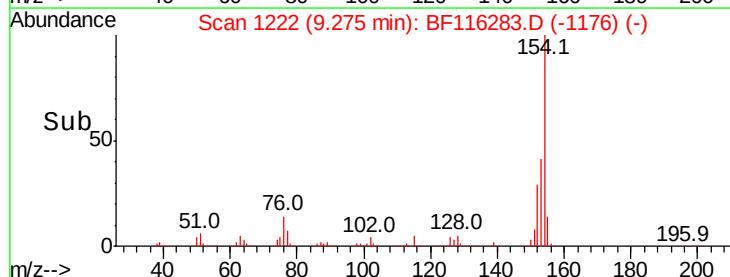
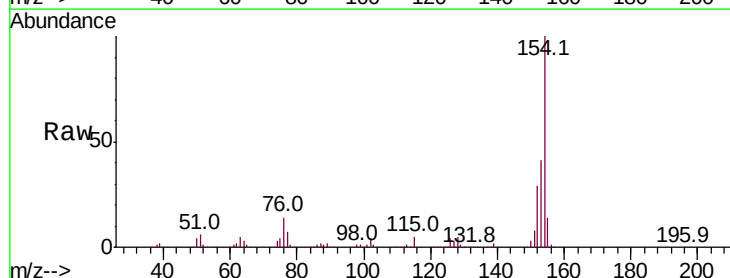
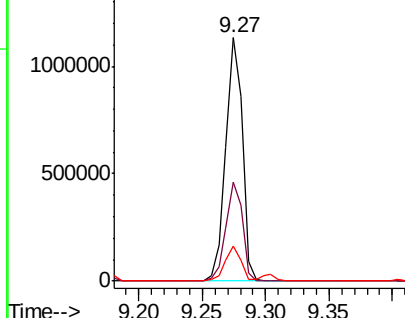
Abundance Ion 172.00 (171.70 to 172.70): E
2000000
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

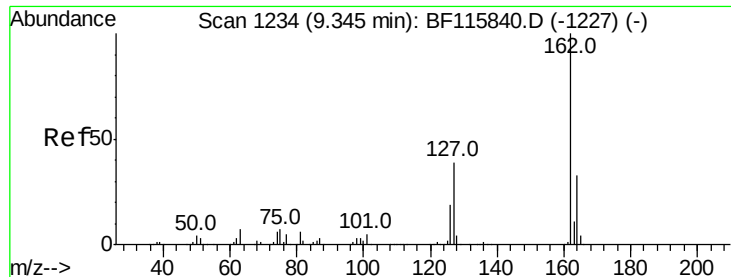


#46
1,1'-Biphenyl
Concen: 40.922 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.03 min
Lab File: BF116283.D
Acq: 15 Aug 2019 17:33

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.4	61.4
76	14.5	0.0	35.2

Abundance Ion 154.00 (153.70 to 154.70): E
1500000
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





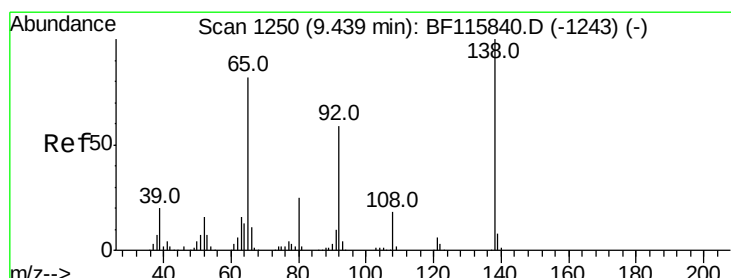
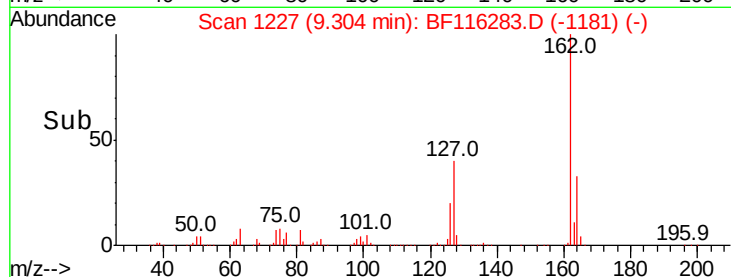
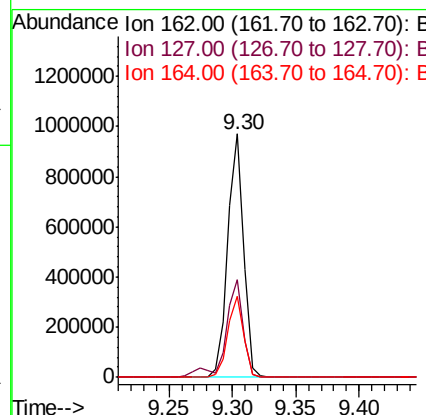
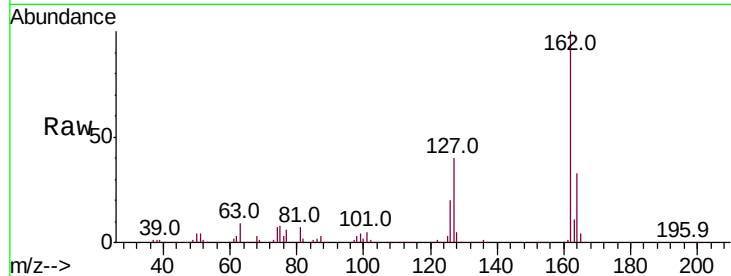
#47
 2-Chloronaphthalene
 Concen: 40.380 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.03 min
 Lab File: BF116283.D
 Acq: 15 Aug 2019 17:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	847737		
127	40.1		32.8	49.2
164	33.4		26.6	39.8

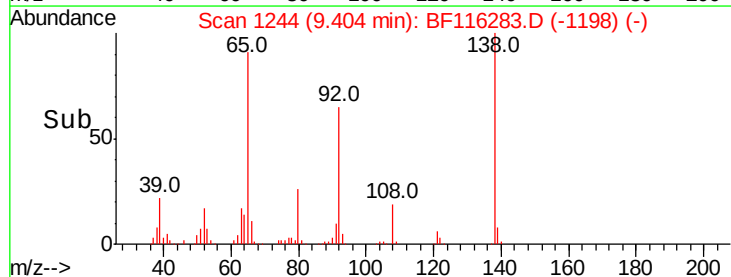
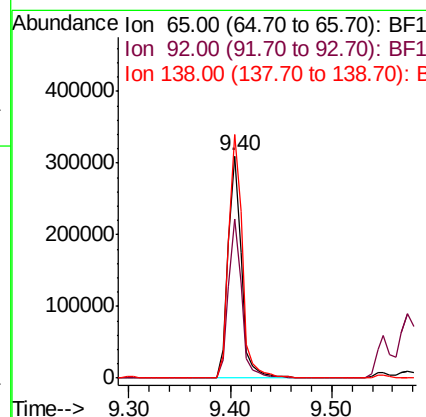
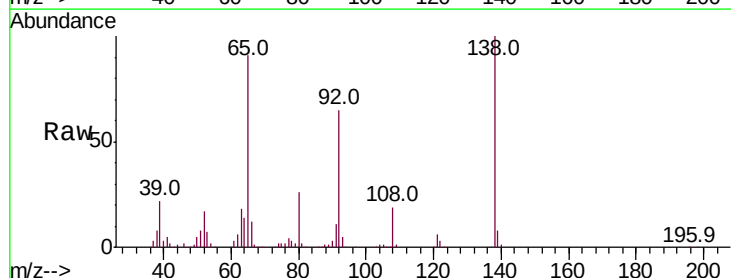
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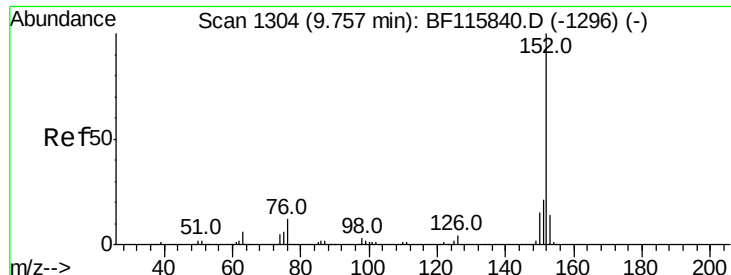
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#48
 2-Nitroaniline
 Concen: 40.834 ng
 RT: 9.40 min Scan# 1244
 Delta R.T. -0.03 min
 Lab File: BF116283.D
 Acq: 15 Aug 2019 17:33

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	283361		
92	71.5		57.8	86.8
138	109.5		94.0	141.0





#49

Acenaphthylene

Concen: 40.180 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.03 min

Lab File: BF116283.D

Acq: 15 Aug 2019 17:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 1230661

Ion Ratio Lower Upper

152 100

151 21.1 17.2 25.8

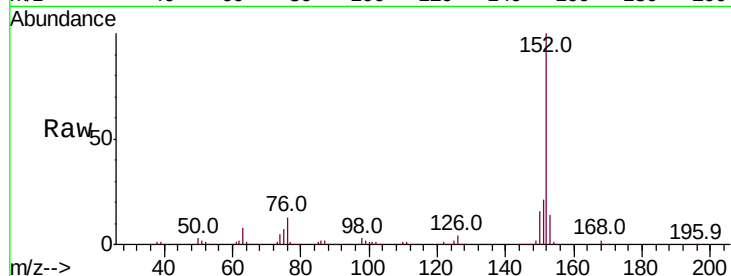
153 14.5 11.8 17.8

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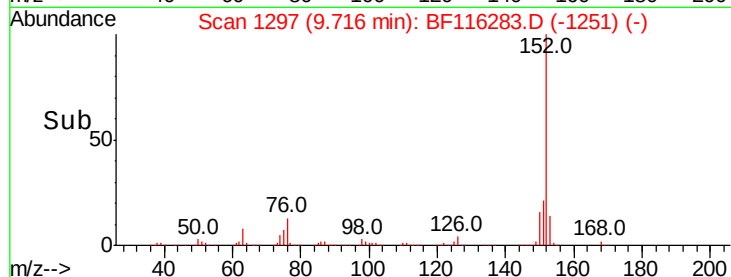
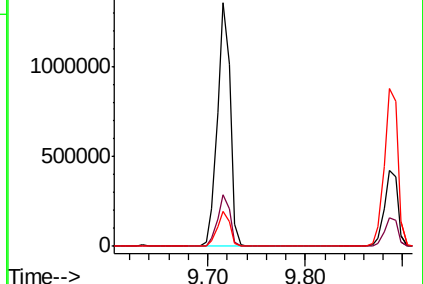
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.857 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.03 min

Lab File: BF116283.D

Acq: 15 Aug 2019 17:33

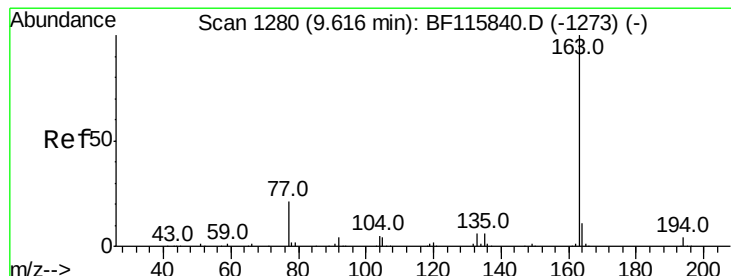
Tgt Ion:163 Resp: 1018267

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

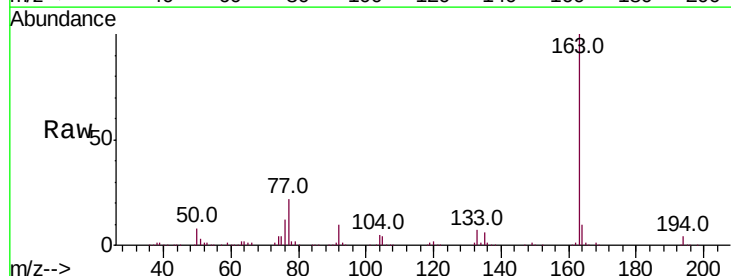
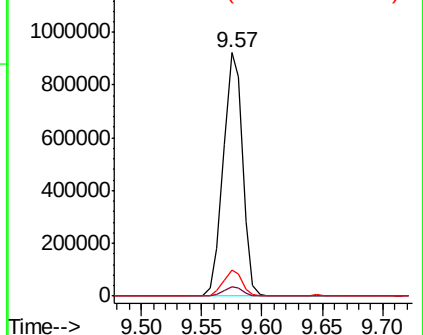
164 10.5 8.4 12.6

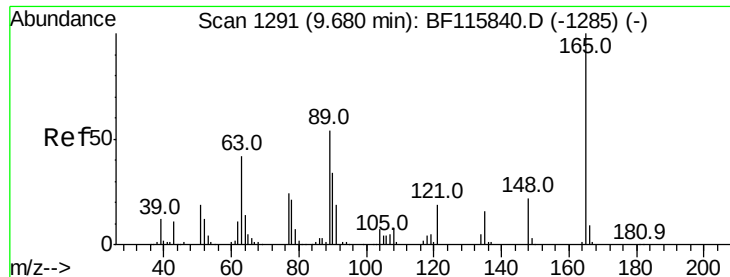


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.237 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.03 min

Lab File: BF116283.D

Acq: 15 Aug 2019 17:33

Instrument :

BNA_F

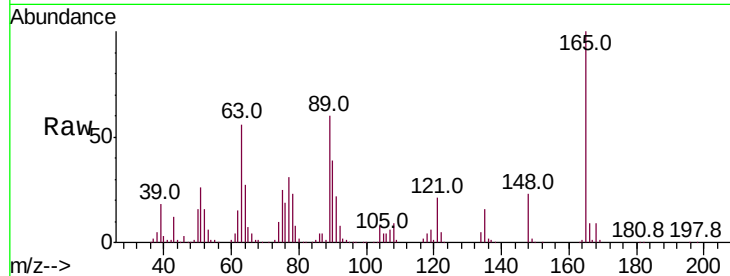
ClientSampleId :

SSTDCCC040

Tot Ion:	165	Resp:	223297
Ion Ratio	Lower	Upper	
165	100		
63	56.0	38.2	57.2
89	60.2	42.9	64.3

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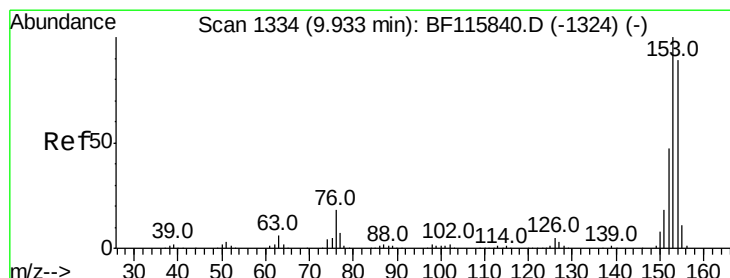
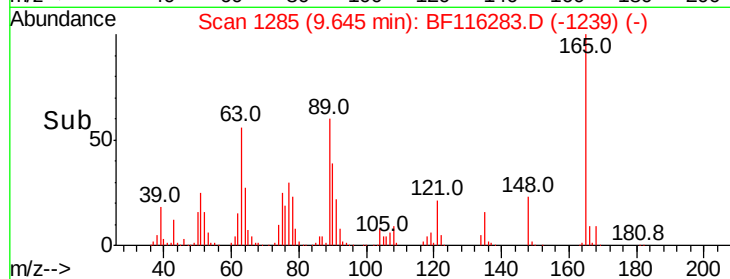
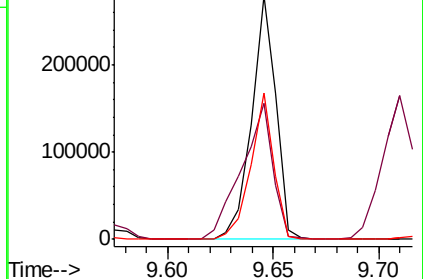
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 40.236 ng

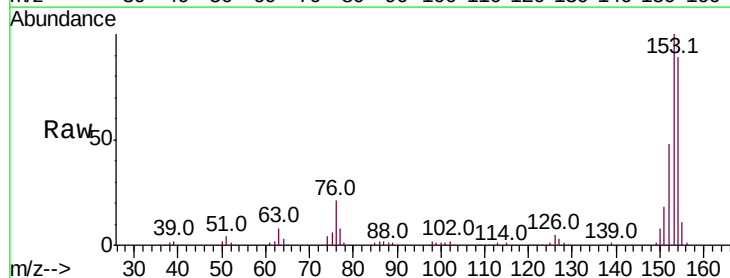
RT: 9.89 min Scan# 1326

Delta R.T. -0.04 min

Lab File: BF116283.D

Acq: 15 Aug 2019 17:33

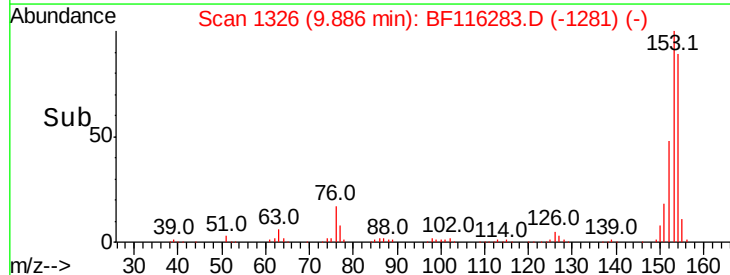
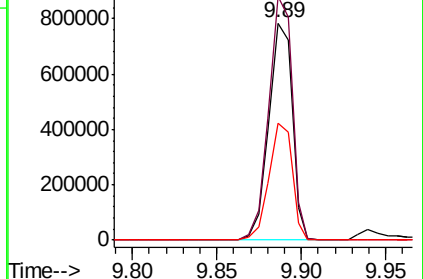
Tgt Ion:	154	Resp:	756041
Ion Ratio	Lower	Upper	
154	100		
153	112.1	89.4	134.0
152	54.0	42.3	63.5

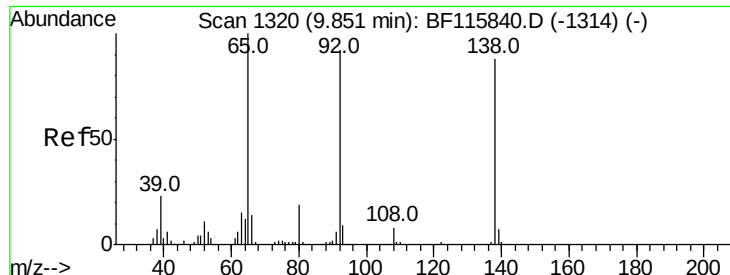


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





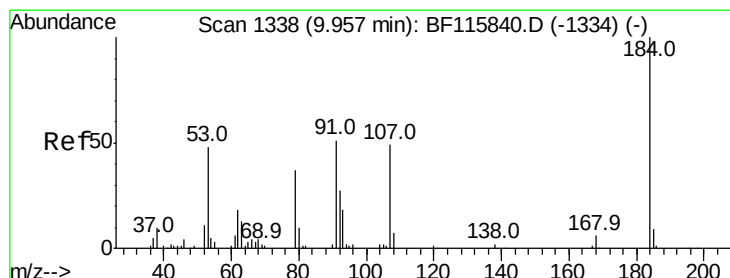
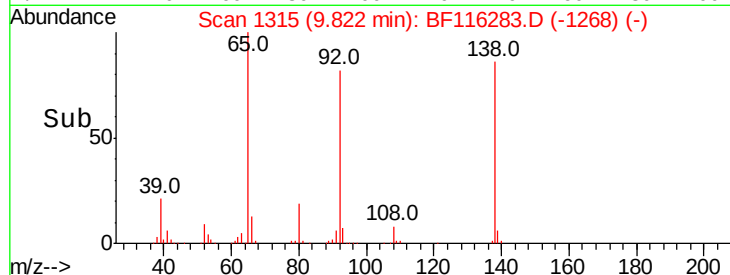
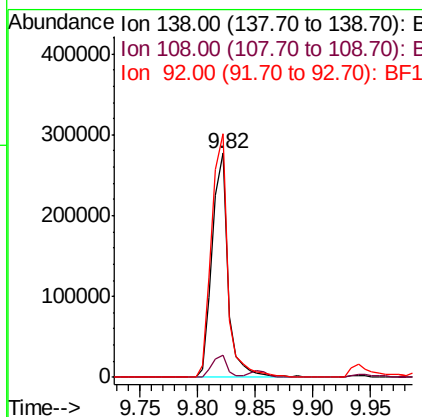
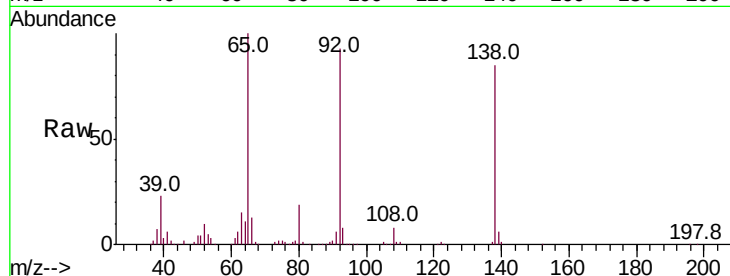
#53
3-Nitroaniline
Concen: 40.747 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BF116283.D
Acq: 15 Aug 2019 17:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
138	100	266179		
108	9.8		8.0	12.0
92	108.7		91.0	136.6

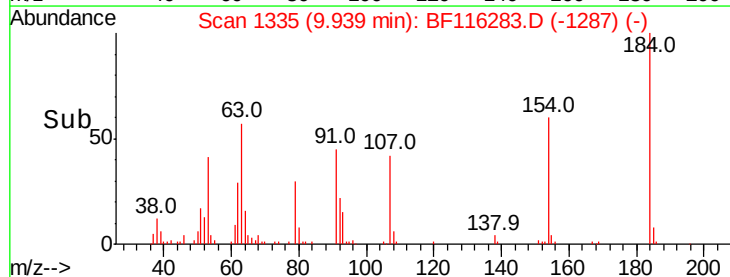
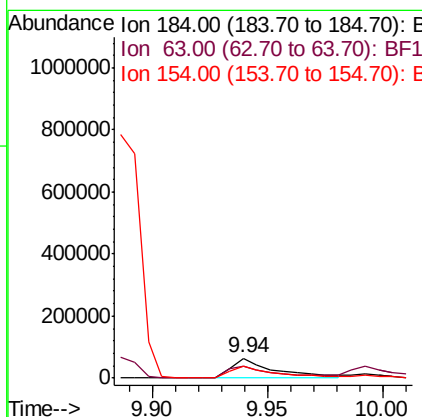
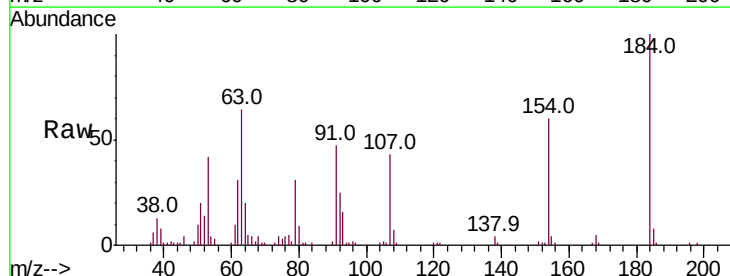
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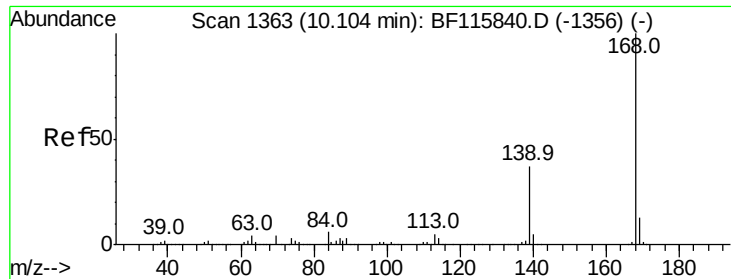
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#54
2,4-Dinitrophenol
Concen: 35.855 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.02 min
Lab File: BF116283.D
Acq: 15 Aug 2019 17:33

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	83564		
63	63.6		53.0	79.4
154	60.4		50.1	75.1





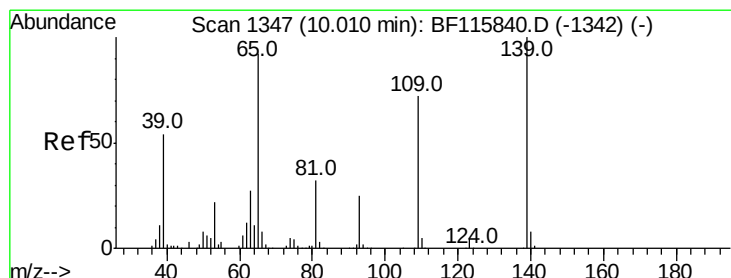
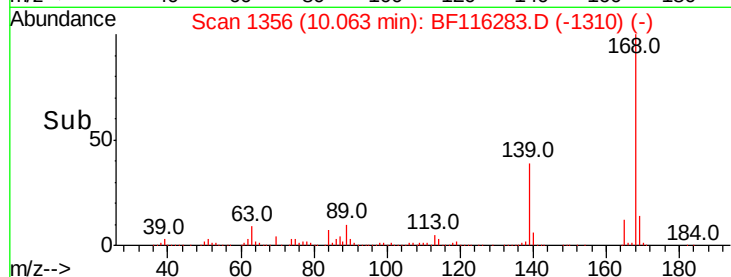
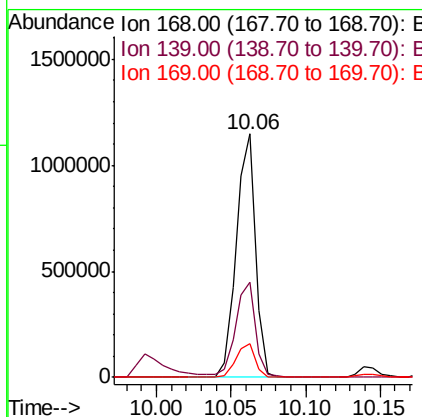
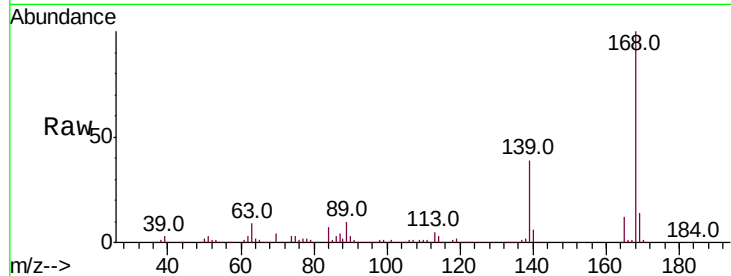
#55
Dibenzenofuran
Concen: 38.014 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.03 min
Lab File: BF116283.D
Acq: 15 Aug 2019 17:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.3	31.4	47.2
169	13.7	10.9	16.3

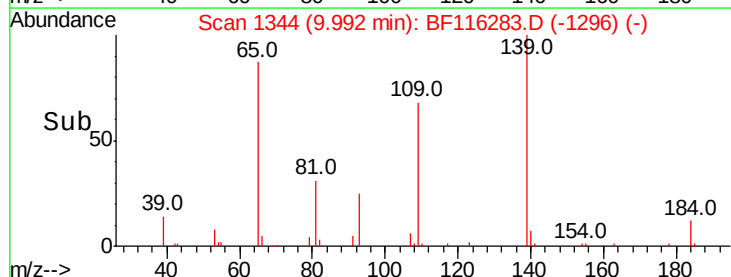
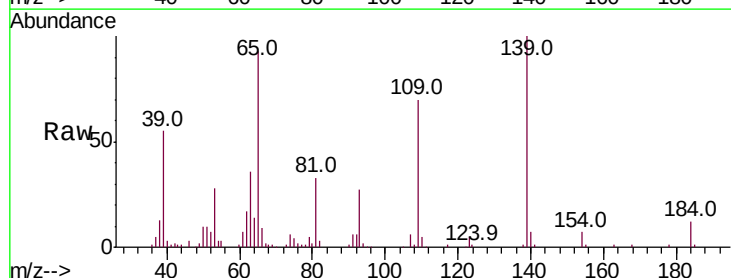
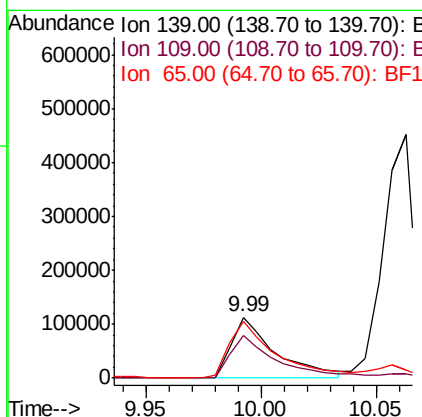
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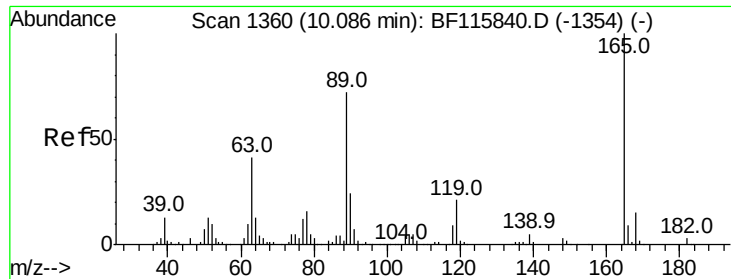
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#56
4-Nitrophenol
Concen: 35.878 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.02 min
Lab File: BF116283.D
Acq: 15 Aug 2019 17:33

Tgt Ion	Ratio	Lower	Upper
139	100		
109	69.9	54.4	94.4
65	92.8	80.6	120.6





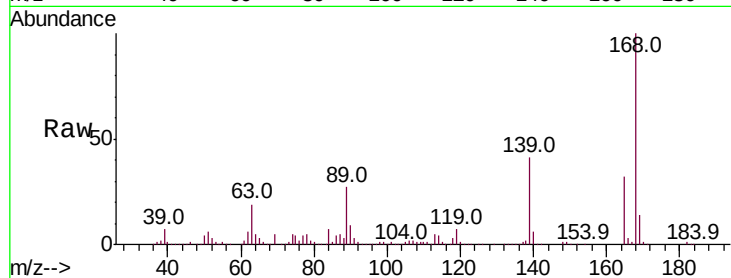
#57
 2,4-Dinitrotoluene
 Concen: 37.300 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. -0.02 min
 Lab File: BF116283.D
 Acq: 15 Aug 2019 17:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

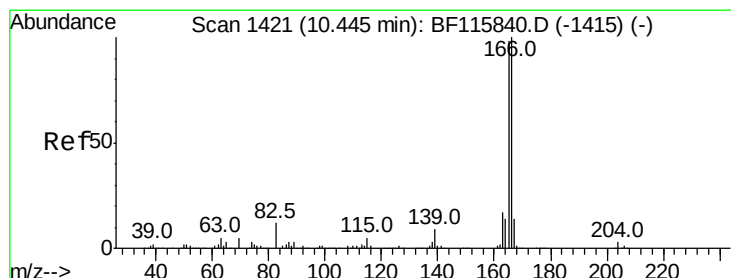
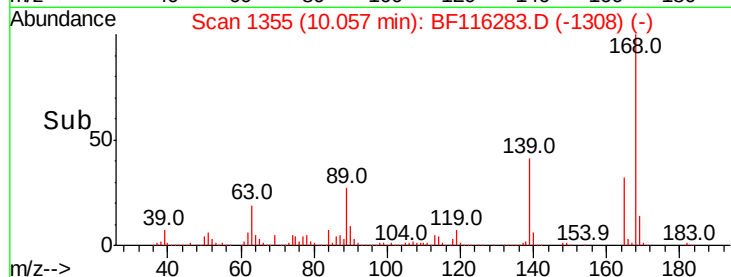
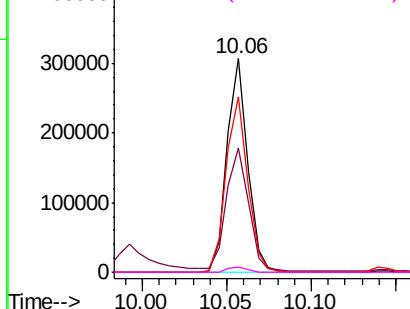
Tot Ion	Ratio	Resp	Lower	Upper
165	100	262548		
63	58.0		39.6	59.4
89	82.2		62.2	93.2
182	2.5		2.1	3.1

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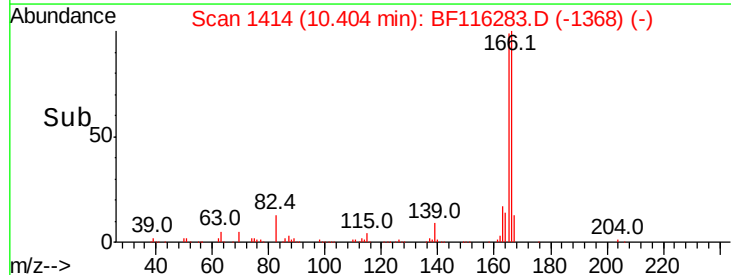
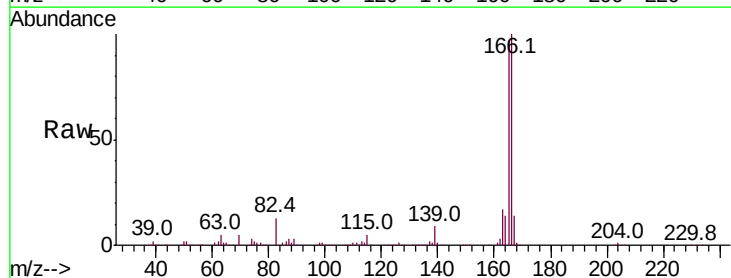
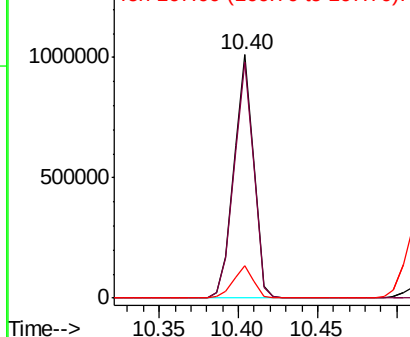
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

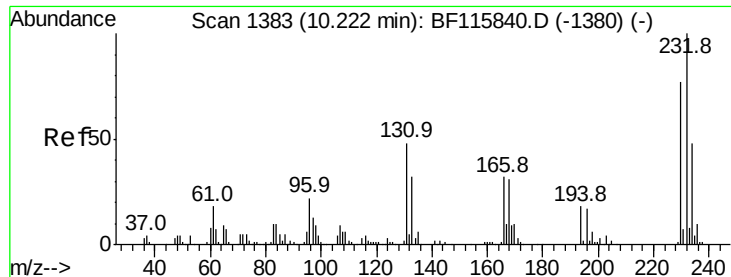


#58
 Fluorene
 Concen: 41.572 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. -0.03 min
 Lab File: BF116283.D
 Acq: 15 Aug 2019 17:33

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	874008		
165	96.9		78.4	117.6
167	13.6		11.0	16.4

Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E





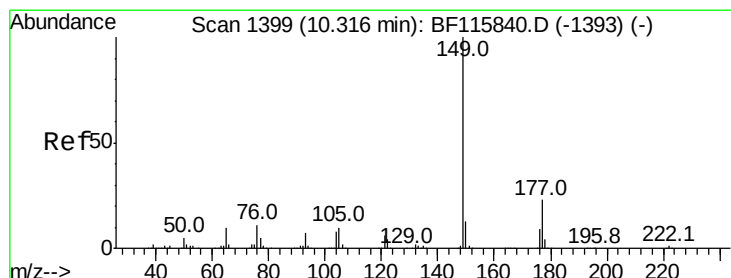
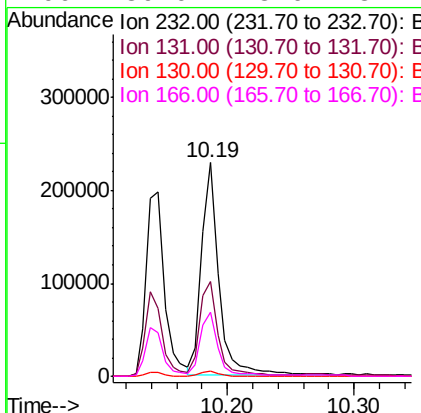
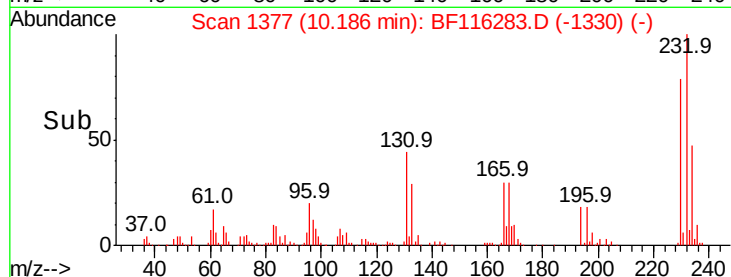
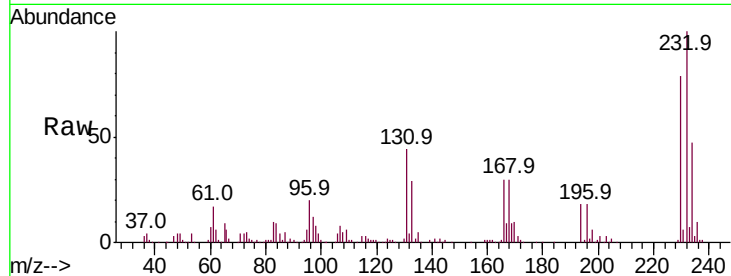
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.309 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. -0.02 min
 Lab File: BF116283.D
 Acq: 15 Aug 2019 17:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
232	100	219038		
131	45.4	36.2	54.2	
130	2.4	1.9	2.9	
166	30.0	23.0	34.4	

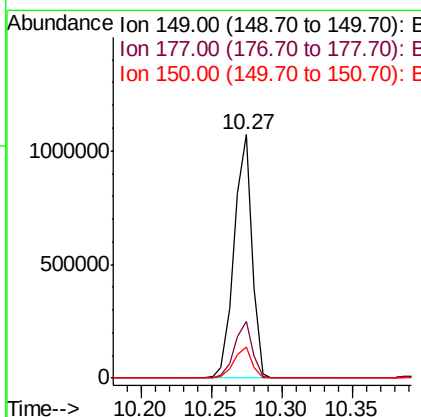
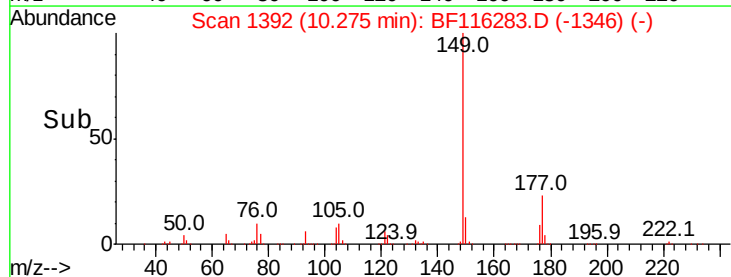
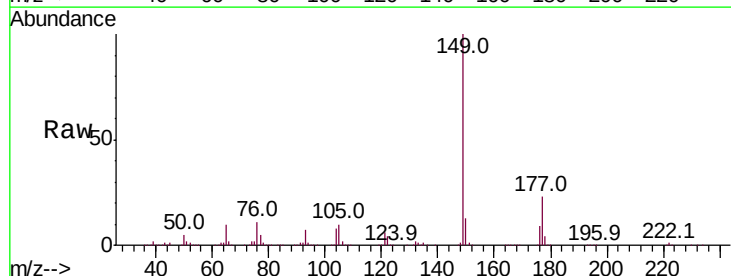
Manual Integrations
 APPROVED

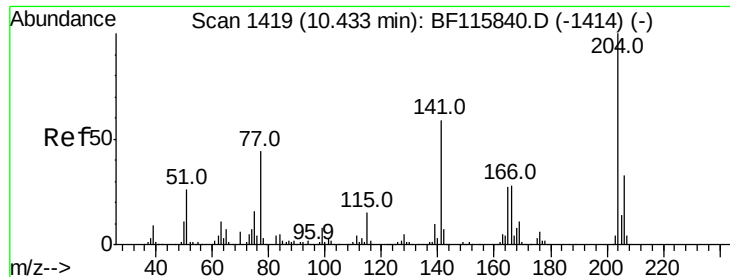
Jagrut
 8/16/2019 5:34:06 PM



#60
 Diethylphthalate
 Concen: 41.584 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. -0.03 min
 Lab File: BF116283.D
 Acq: 15 Aug 2019 17:33

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	944481		
177	23.3	18.8	28.2	
150	12.7	10.2	15.4	





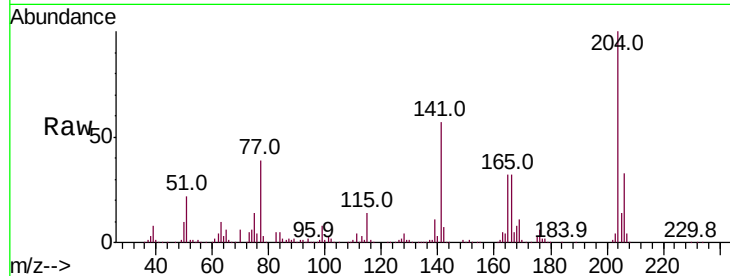
#61
4-Chlorophenyl-phenylether
Concen: 41.365 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.03 min
Lab File: BF116283.D
Acq: 15 Aug 2019 17:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.4	39.6
141	56.9	46.4	69.6

Manual Integrations
APPROVED

Jagrut
8/16/2019 5:34:06 PM

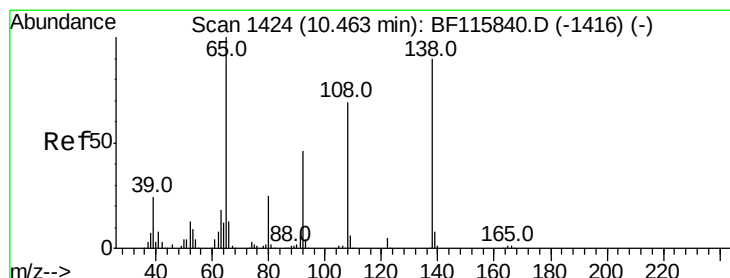
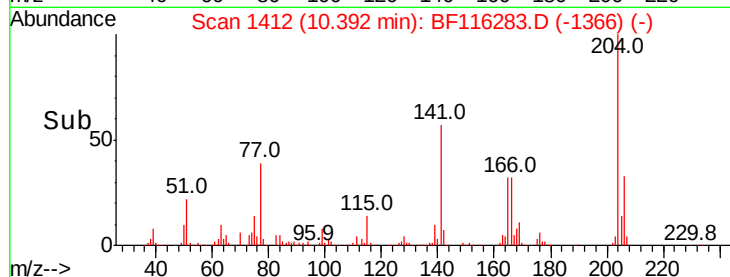
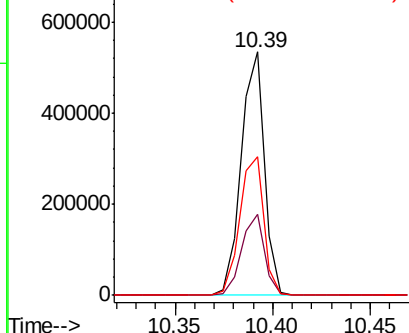


Abundance

Ion 204.00 (203.70 to 204.70): E

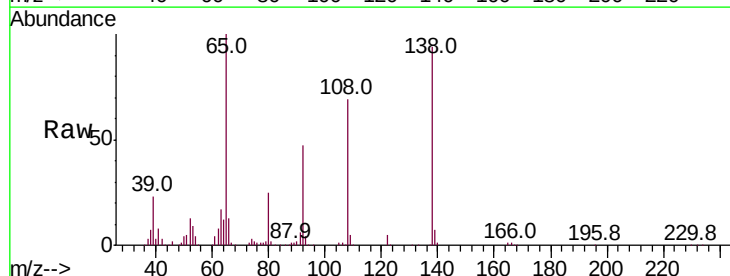
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 38.228 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.02 min
Lab File: BF116283.D
Acq: 15 Aug 2019 17:33

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.9	29.0	69.0
108	74.0	54.7	94.7

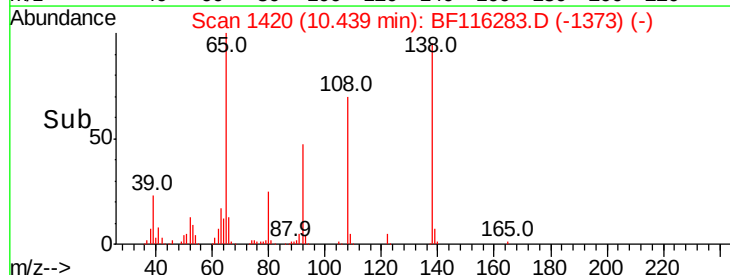
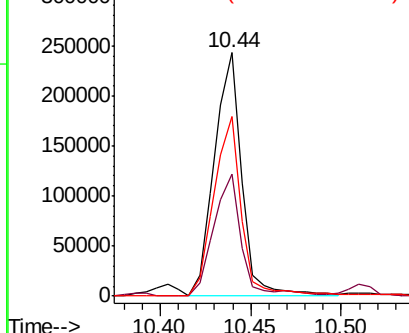


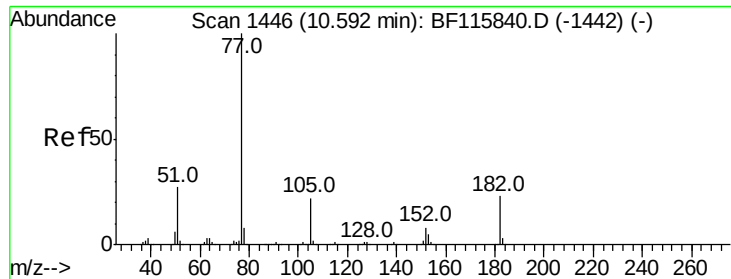
Abundance

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





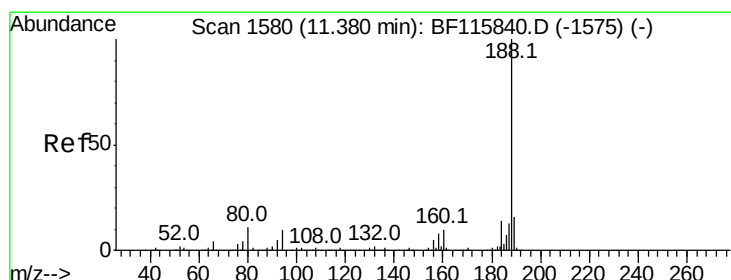
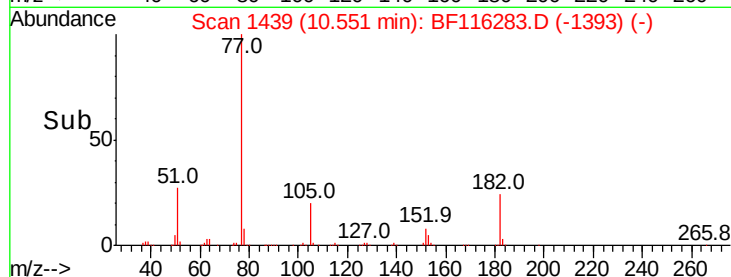
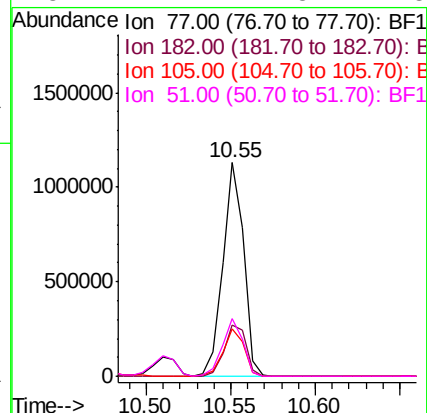
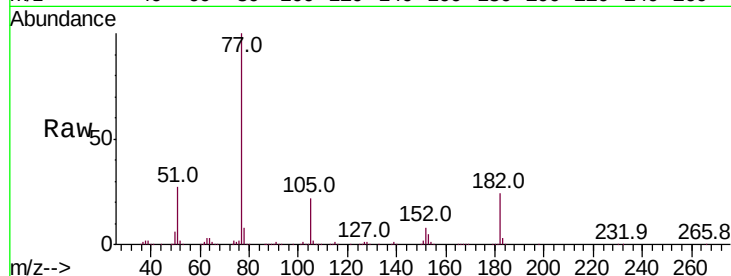
#63
Azobenzene
Concen: 41.511 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.03 min
Lab File: BF116283.D
Acq: 15 Aug 2019 17:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
77	100			
182	23.9	4.0	44.0	
105	21.9	2.0	42.0	
51	27.2	7.5	47.5	

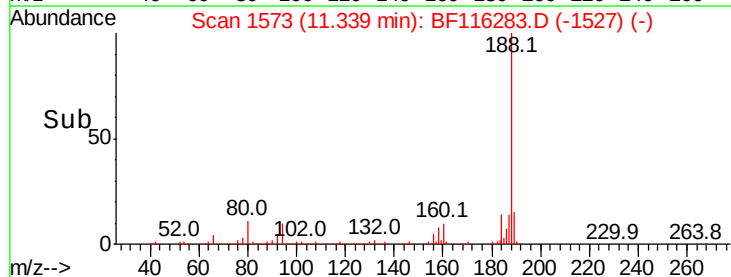
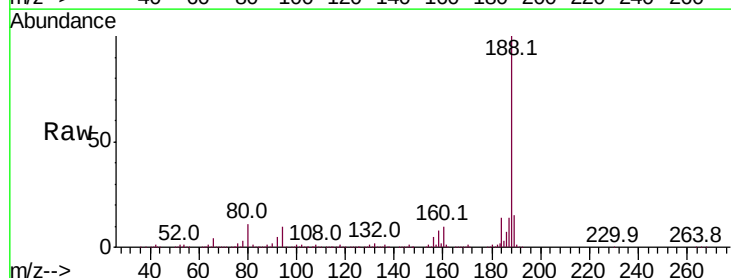
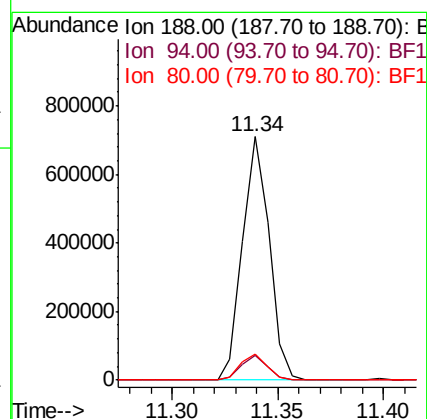
Manual Integrations
APPROVED

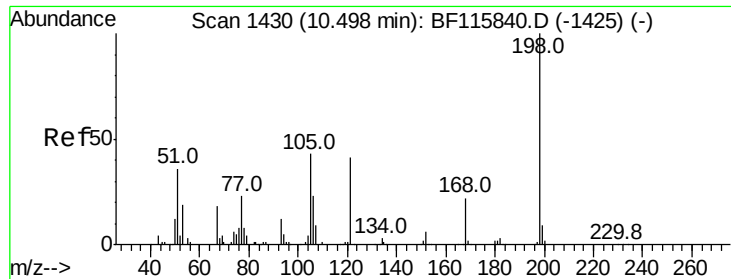
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.03 min
Lab File: BF116283.D
Acq: 15 Aug 2019 17:33

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.0	8.1	12.1	
80	10.9	8.7	13.1	





#65

4,6-Dinitro-2-methylphenol

Concen: 42.676 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.02 min

Lab File: BF116283.D

Acq: 15 Aug 2019 17:33

Instrument :

BNA_F

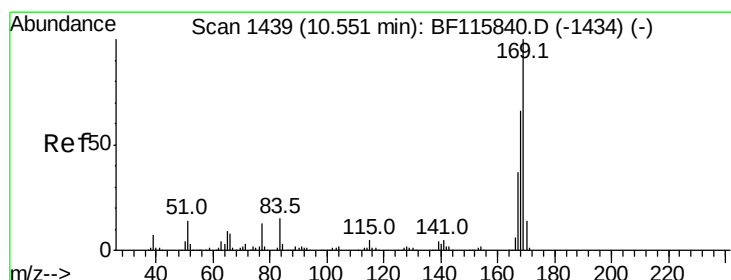
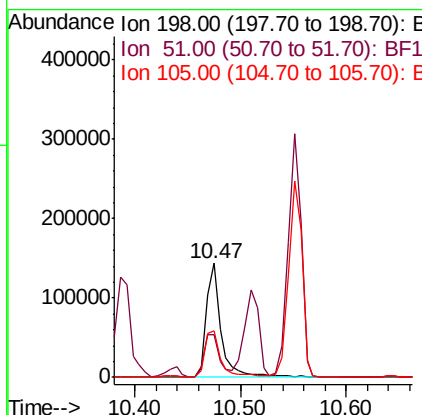
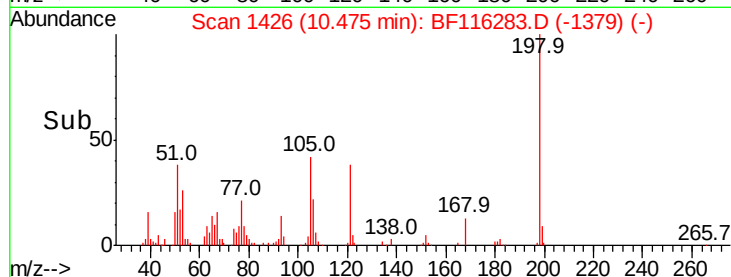
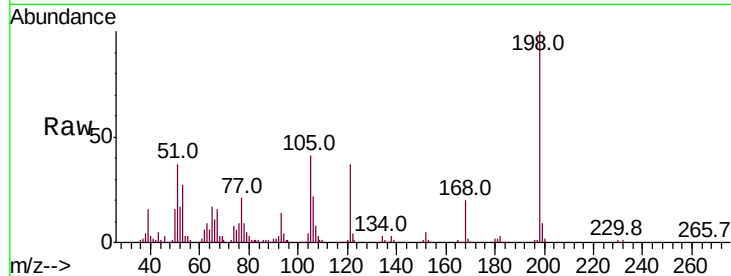
ClientSampleId :

SSTDCCC040

Tot Ion:	198	Resp:	140683
Ion Ratio	Lower	Upper	
198	100		
51	37.3	17.0	57.0
105	41.2	21.6	61.6

Manual Integrations
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#66

n-Nitrosodiphenylamine

Concen: 41.934 ng

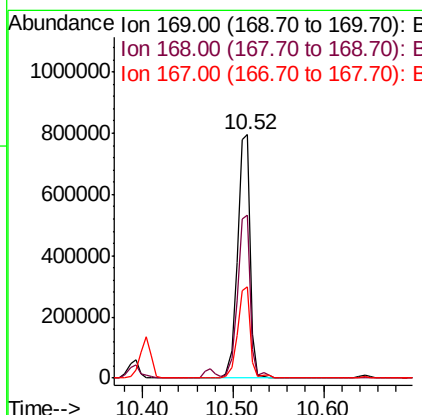
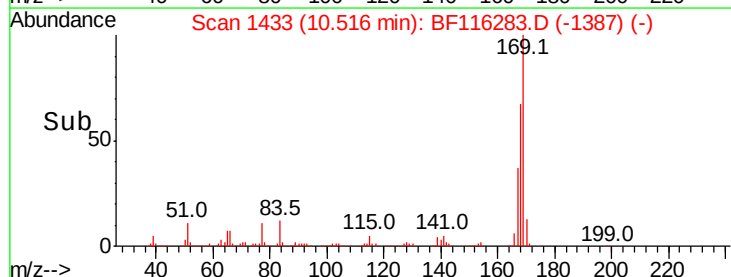
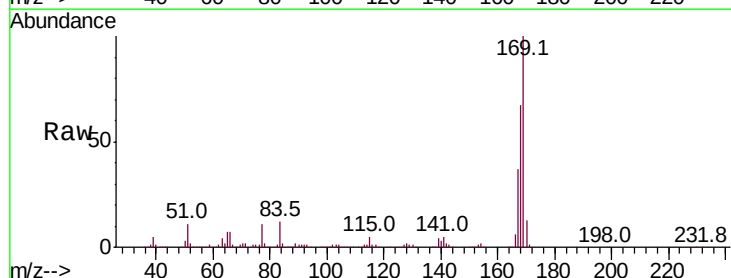
RT: 10.52 min Scan# 1433

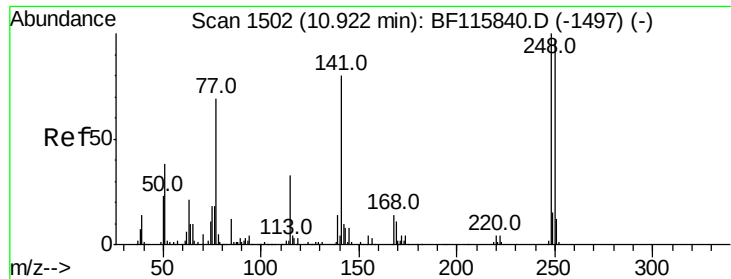
Delta R.T. -0.03 min

Lab File: BF116283.D

Acq: 15 Aug 2019 17:33

Tgt Ion:	169	Resp:	785160
Ion Ratio	Lower	Upper	
169	100		
168	66.8	53.8	80.6
167	37.3	29.6	44.4





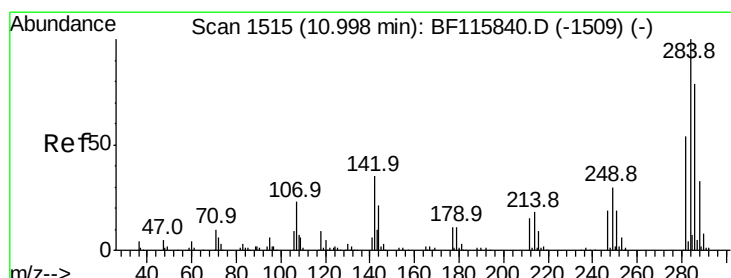
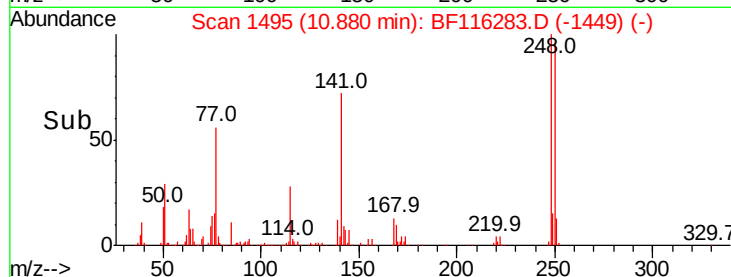
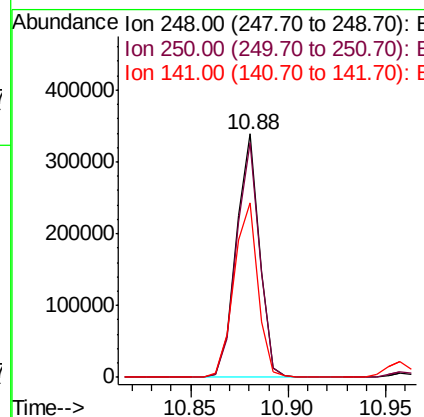
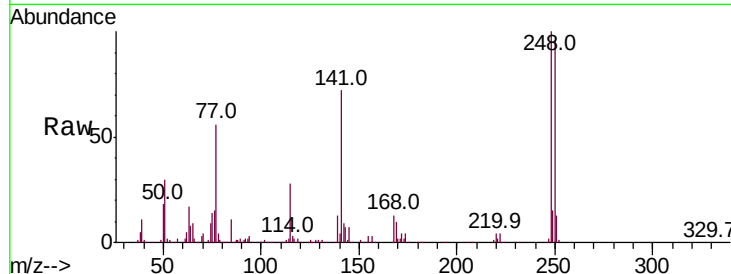
#67
 4-Bromophenyl-phenylether
 Concen: 41.842 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. -0.03 min
 Lab File: BF116283.D
 Acq: 15 Aug 2019 17:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.2	77.4	116.2
141	71.8	56.8	85.2

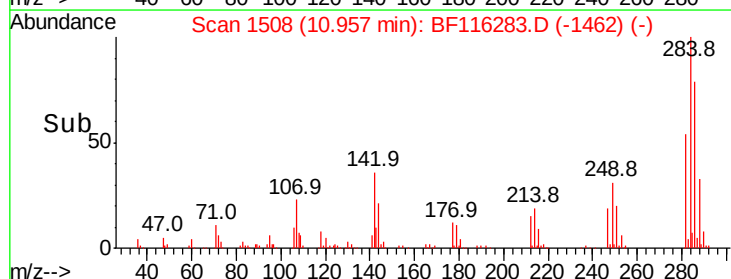
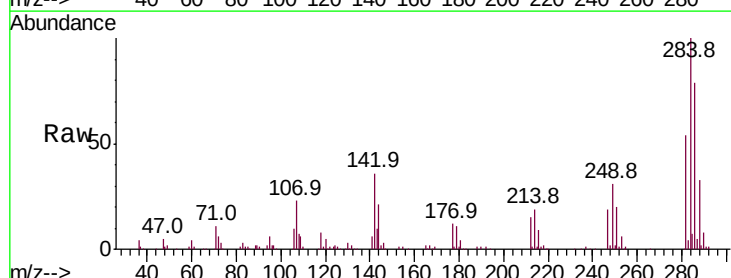
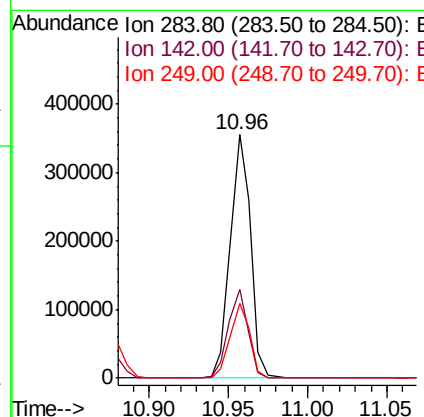
Manual Integrations
 APPROVED

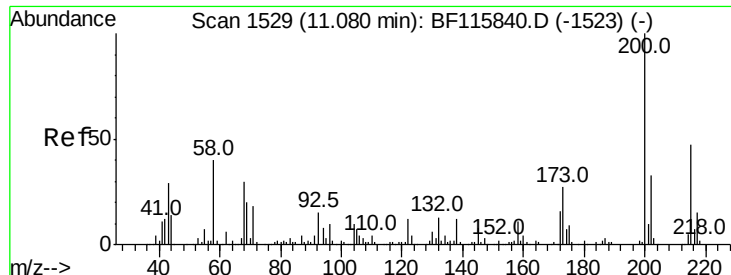
Jagrut
 8/16/2019 5:34:06 PM



#68
 Hexachlorobenzene
 Concen: 40.832 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. -0.03 min
 Lab File: BF116283.D
 Acq: 15 Aug 2019 17:33

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.2	28.4	42.6
249	30.7	24.5	36.7





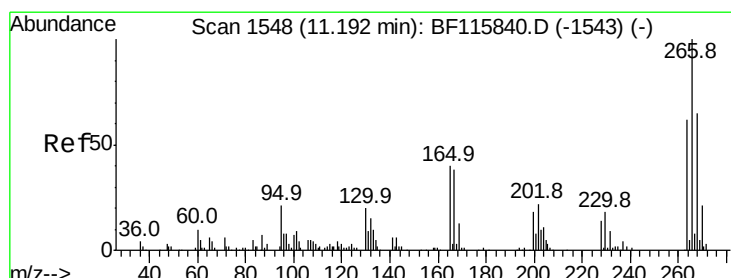
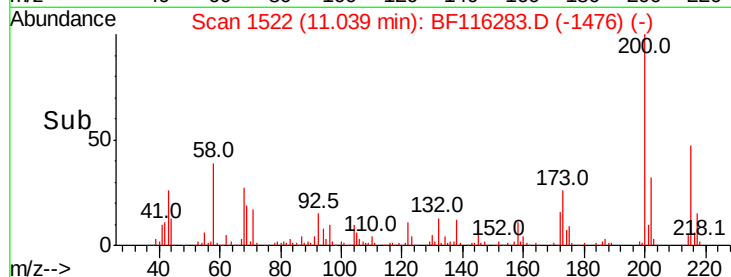
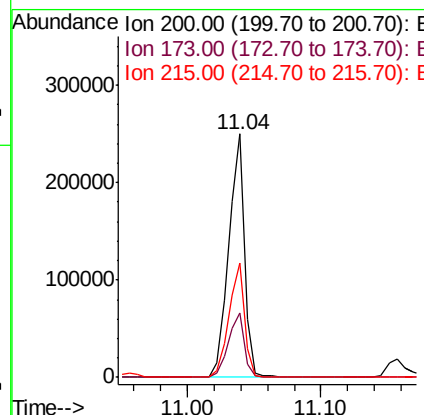
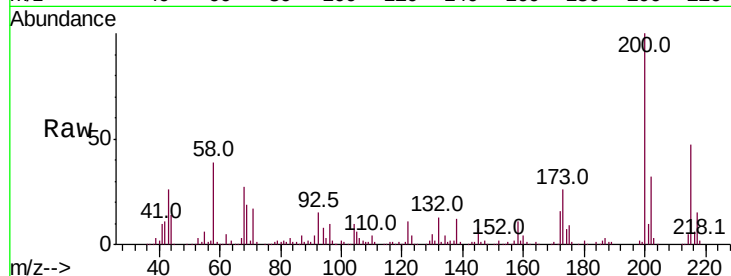
#69
Atrazine
Concen: 34.249 ng
RT: 11.04 min Scan# 1522
Delta R.T. -0.03 min
Lab File: BF116283.D
Acq: 15 Aug 2019 17:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.2	6.8	46.8
215	46.8	27.5	67.5

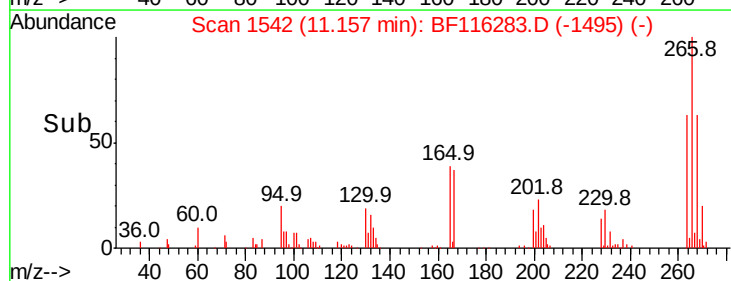
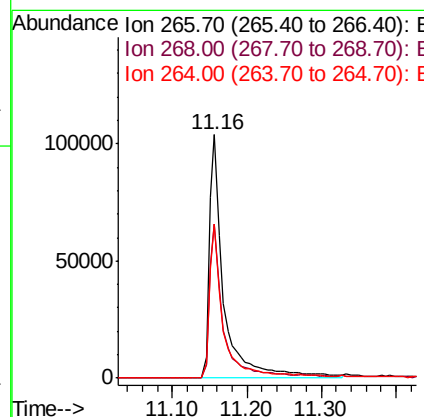
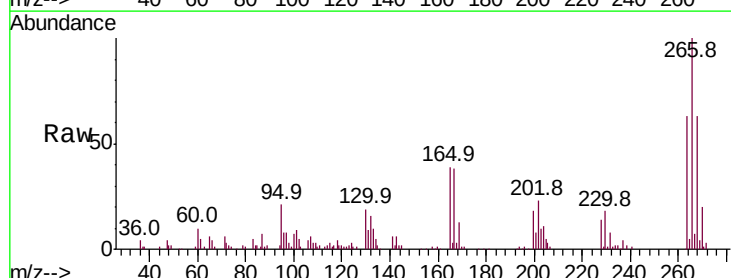
Manual Integrations
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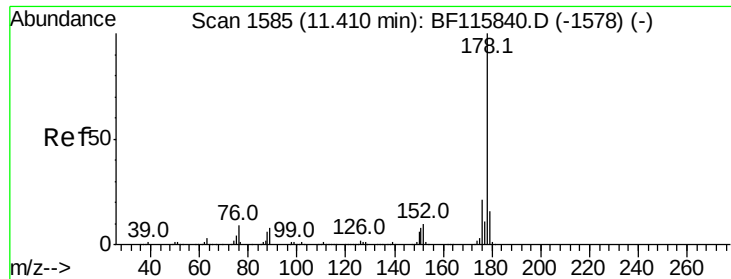
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#70
Pentachlorophenol
Concen: 38.047 ng
RT: 11.16 min Scan# 1542
Delta R.T. -0.02 min
Lab File: BF116283.D
Acq: 15 Aug 2019 17:33

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.4	48.8	73.2
264	63.4	50.6	76.0





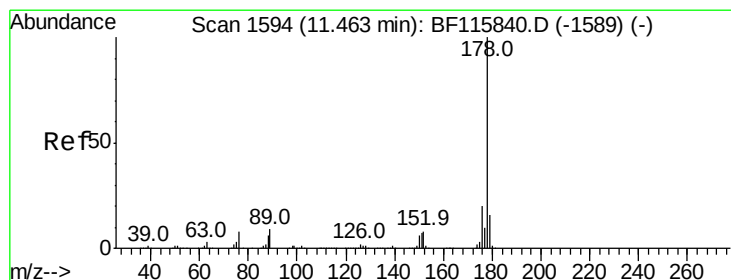
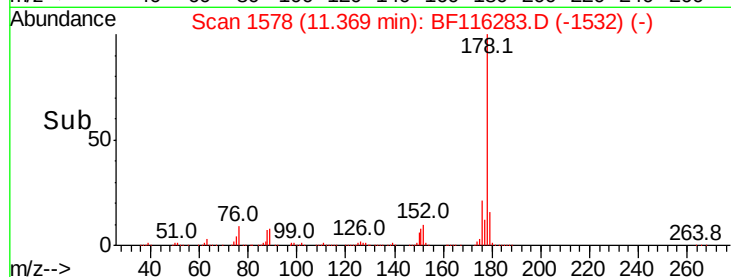
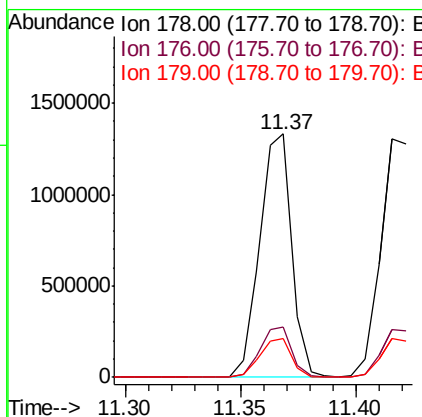
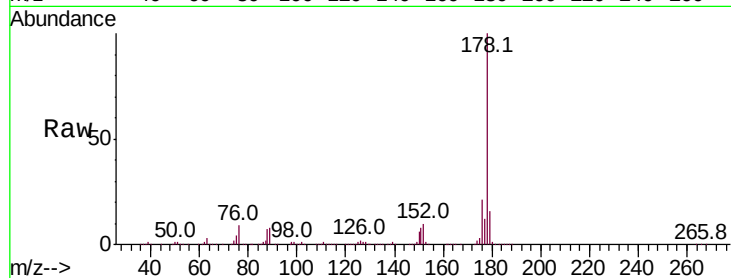
#71
Phenanthrene
Concen: 40.489 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.03 min
Lab File: BF116283.D
Acq: 15 Aug 2019 17:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:178 Resp: 1287609
Ion Ratio Lower Upper
178 100
176 20.9 16.6 24.8
179 15.7 12.5 18.7

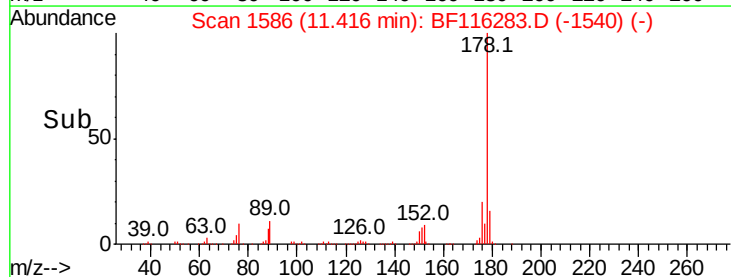
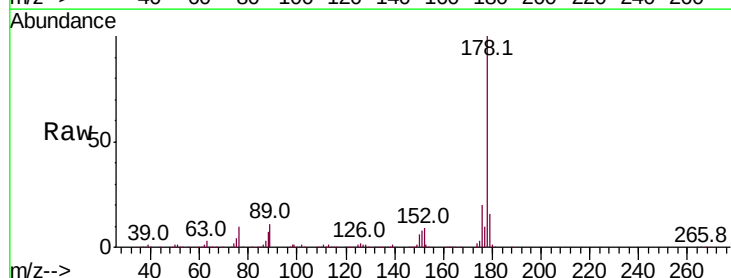
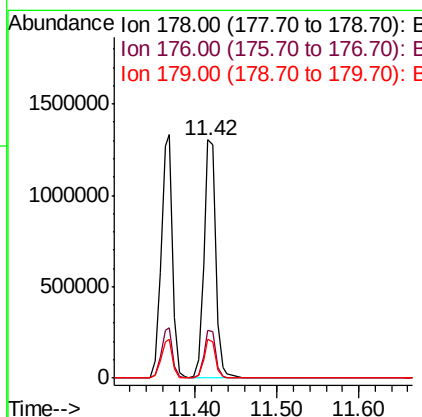
Manual Integrations
APPROVED

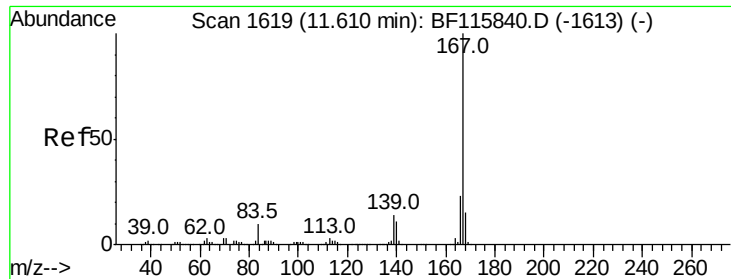
Jagrut
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#72
Anthracene
Concen: 41.001 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.03 min
Lab File: BF116283.D
Acq: 15 Aug 2019 17:33

Tgt Ion:178 Resp: 1319599
Ion Ratio Lower Upper
178 100
176 20.2 15.7 23.5
179 16.2 13.0 19.6





#73

Carbazole

Concen: 42.596 ng

RT: 11.57 min Scan# 1613

Delta R.T. -0.02 min

Lab File: BF116283.D

Acq: 15 Aug 2019 17:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:167 Resp: 1243766

Ion Ratio Lower Upper

167 100

166 22.1 17.8 26.6

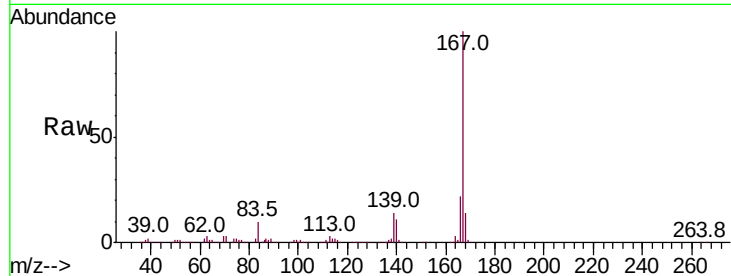
139 14.0 11.4 17.0

Manual Integrations

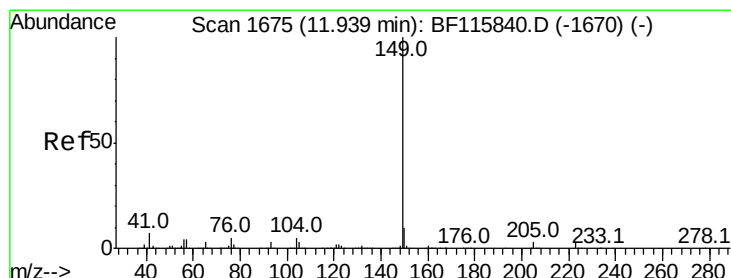
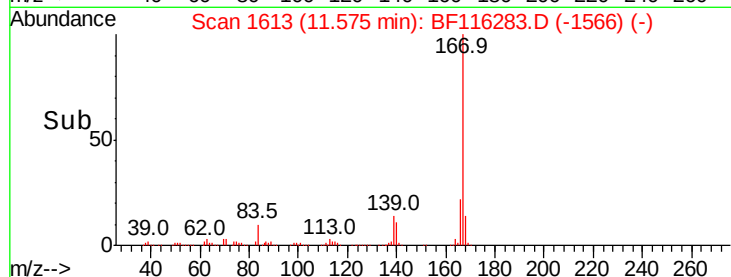
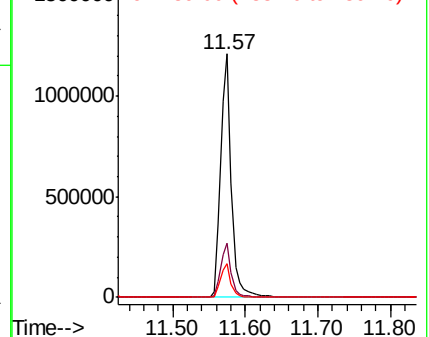
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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 42.573 ng

RT: 11.89 min Scan# 1667

Delta R.T. -0.03 min

Lab File: BF116283.D

Acq: 15 Aug 2019 17:33

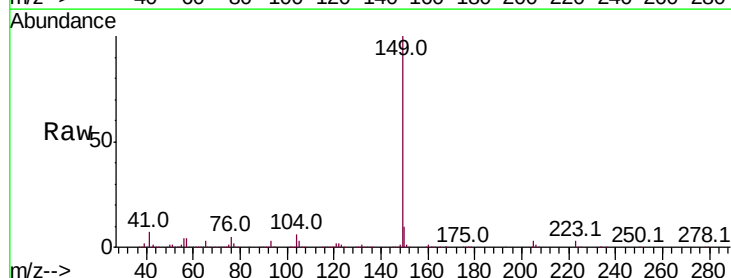
Tgt Ion:149 Resp: 1450125

Ion Ratio Lower Upper

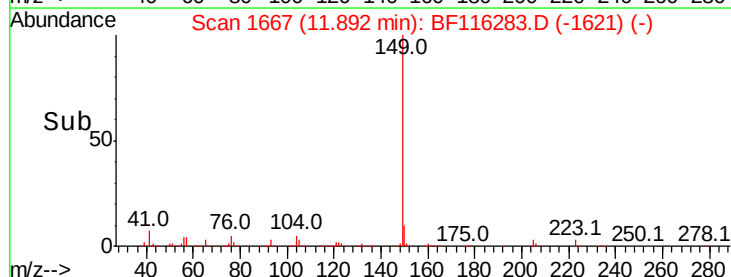
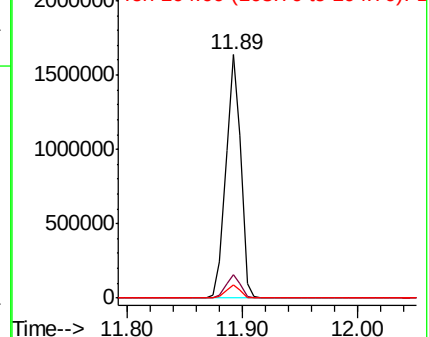
149 100

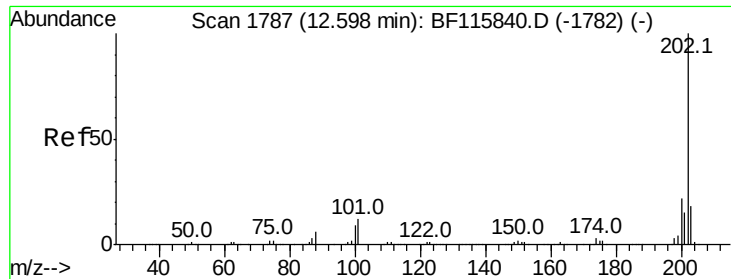
150 9.7 8.0 12.0

104 5.5 4.5 6.7



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





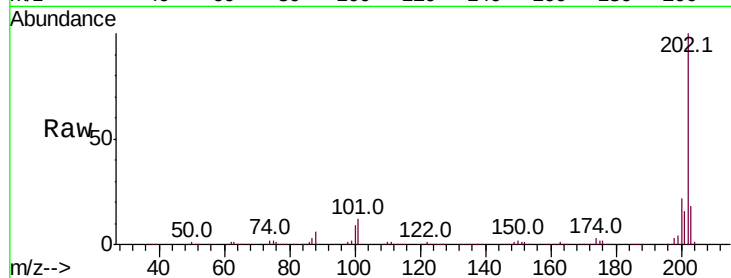
#75
Fluoranthene
 Concen: 40.977 ng
 RT: 12.56 min Scan# 1780
 Delta R.T. -0.03 min
 Lab File: BF116283.D
 Acq: 15 Aug 2019 17:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	31.2
203	17.9	0.0	37.8

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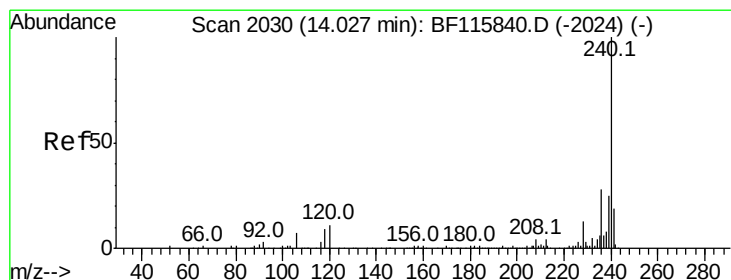
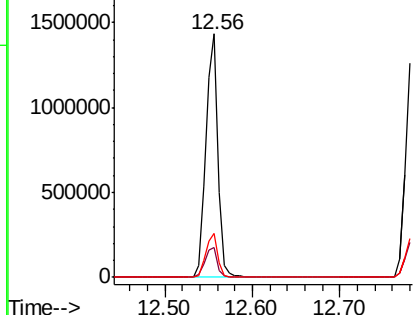
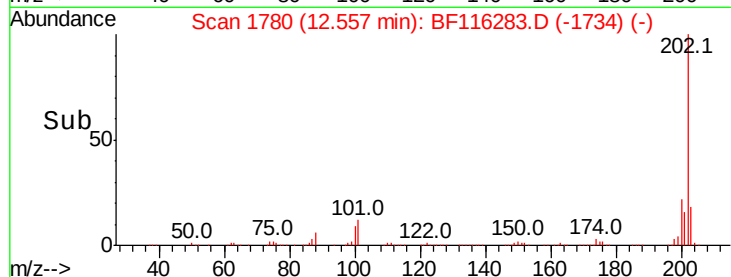


Abundance

Ion 202.00 (201.70 to 202.70): E

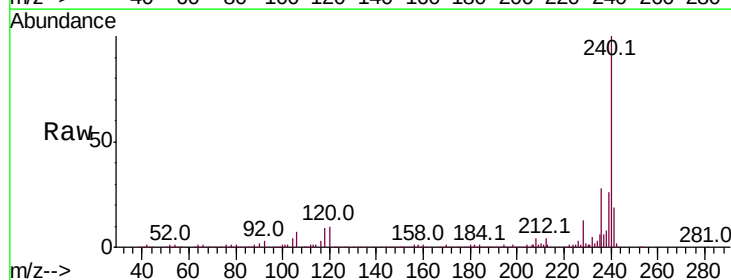
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.02 min
 Lab File: BF116283.D
 Acq: 15 Aug 2019 17:33

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.4	10.7	16.1#
236	27.7	22.2	33.2

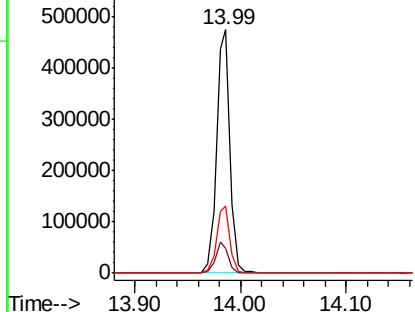
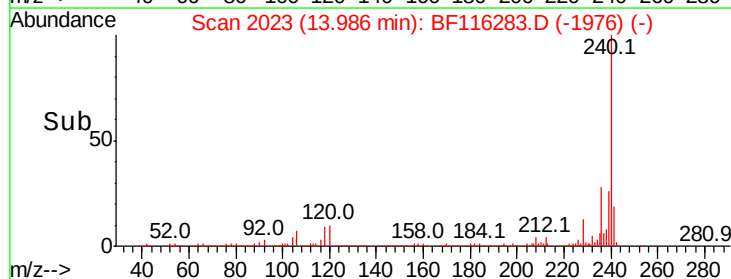


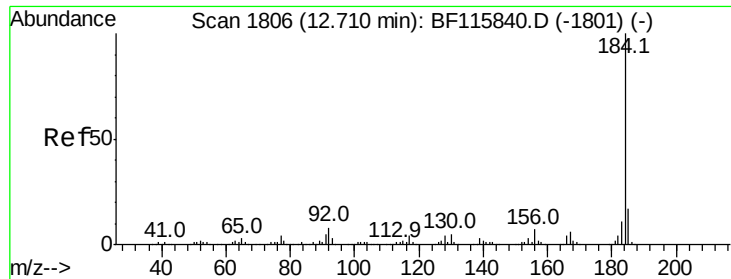
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 38.260 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.02 min

Lab File: BF116283.D

Acq: 15 Aug 2019 17:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 554268

Ion Ratio Lower Upper

184 100

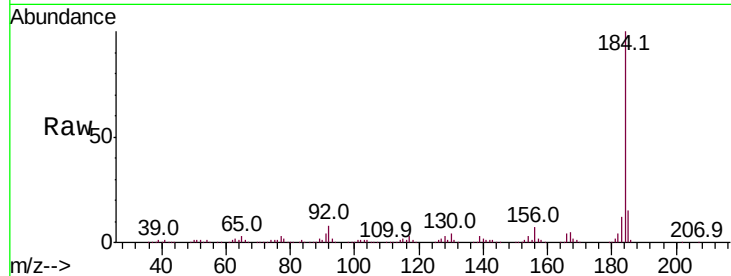
185 15.0 12.8 19.2

183 11.7 9.4 14.0

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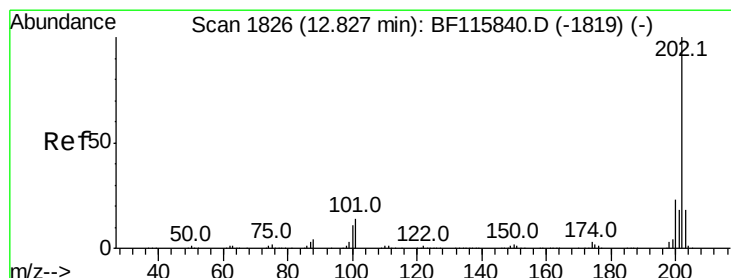
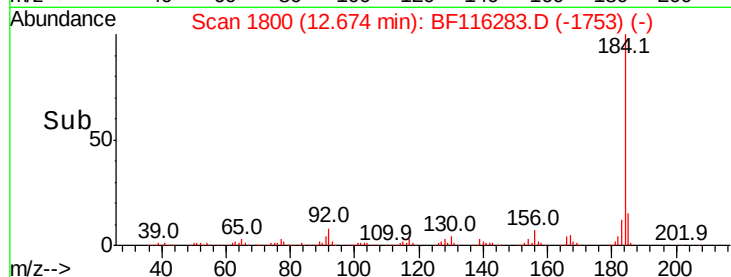
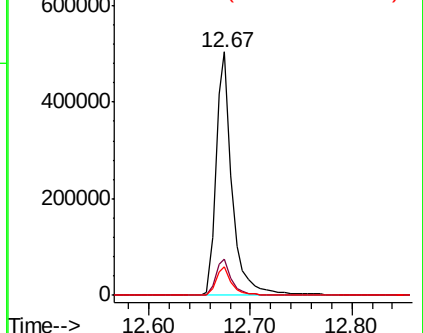
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.063 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.03 min

Lab File: BF116283.D

Acq: 15 Aug 2019 17:33

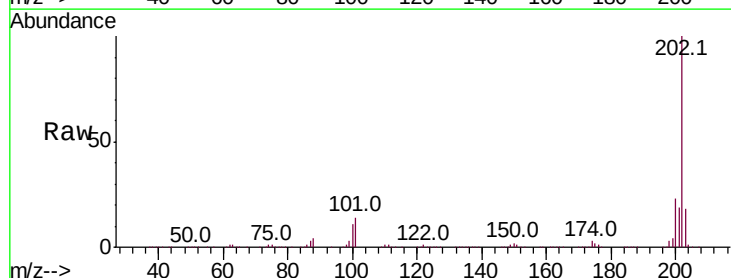
Tgt Ion:202 Resp: 1359636

Ion Ratio Lower Upper

202 100

200 22.8 18.0 27.0

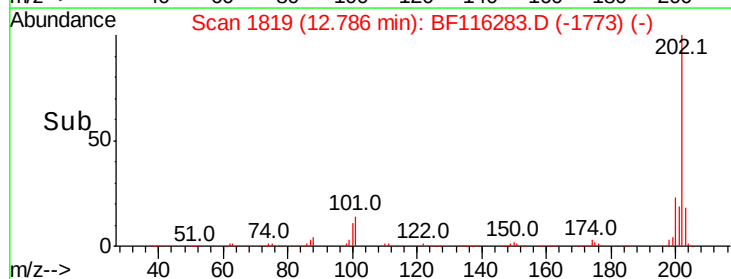
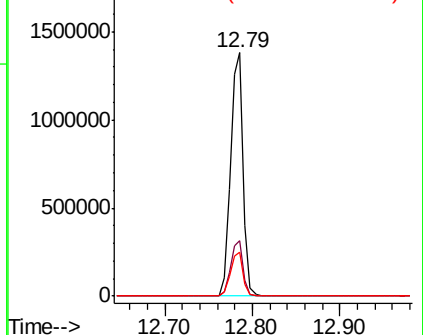
203 17.9 14.1 21.1

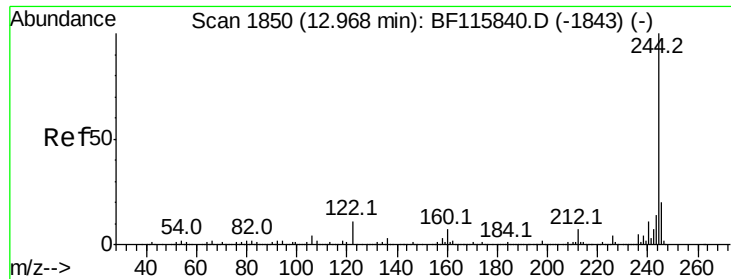


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 83.064 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.03 min

Lab File: BF116283.D

Acq: 15 Aug 2019 17:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:244 Resp: 1690352

Ion Ratio Lower Upper

244 100

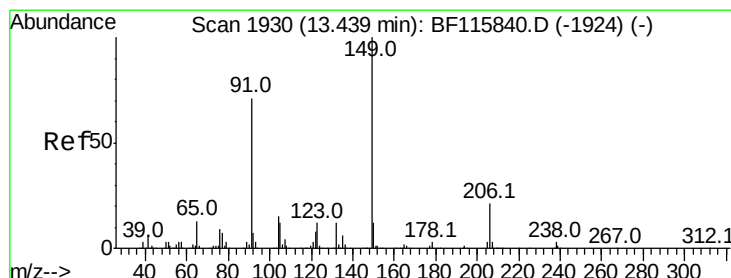
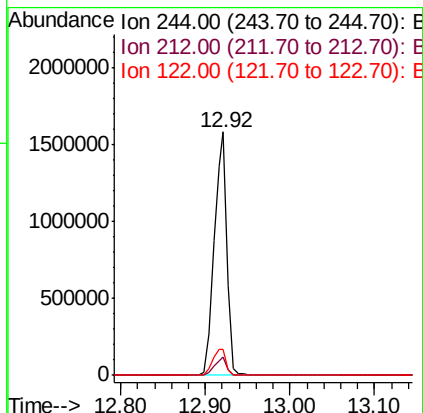
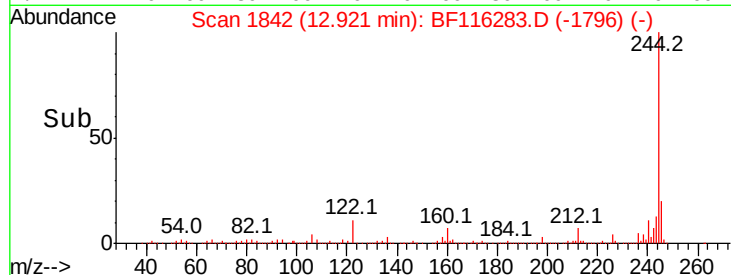
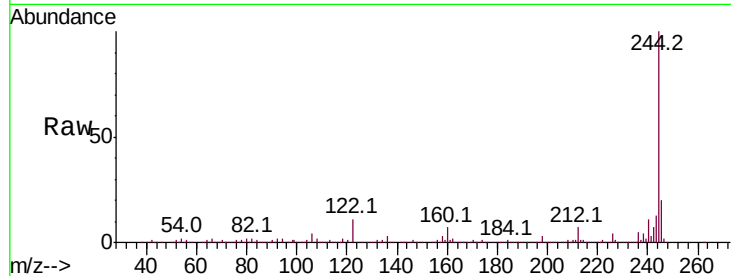
212 7.3 5.8 8.8

122 10.6 9.0 13.4

Manual Integrations
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#80

Butylbenzylphthalate

Concen: 44.830 ng

RT: 13.39 min Scan# 1921

Delta R.T. -0.04 min

Lab File: BF116283.D

Acq: 15 Aug 2019 17:33

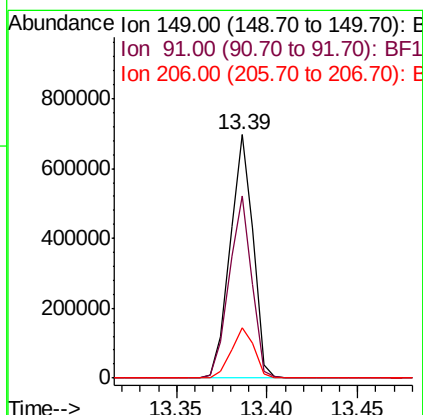
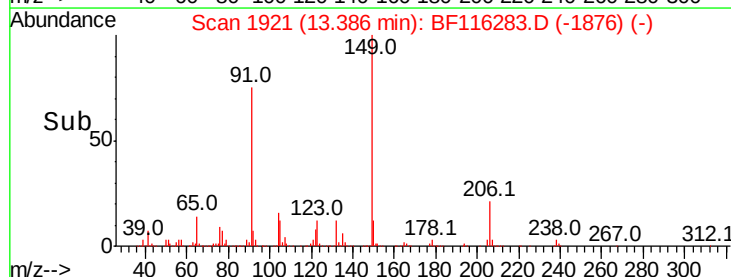
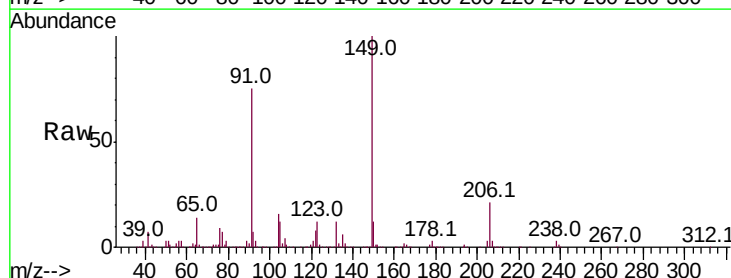
Tgt Ion:149 Resp: 612976

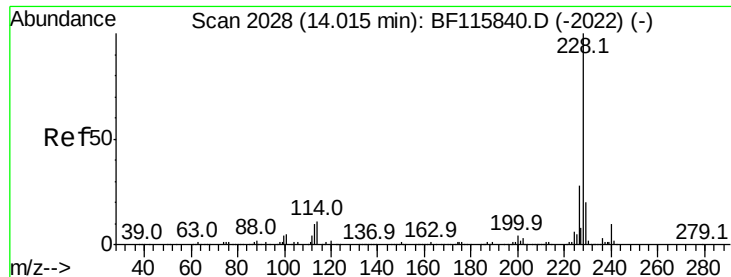
Ion Ratio Lower Upper

149 100

91 74.8 56.3 84.5

206 20.7 18.0 27.0





#81

Benzo(a)anthracene

Concen: 43.011 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.02 min

Lab File: BF116283.D

Acq: 15 Aug 2019 17:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1178839

Ion Ratio Lower Upper

228 100

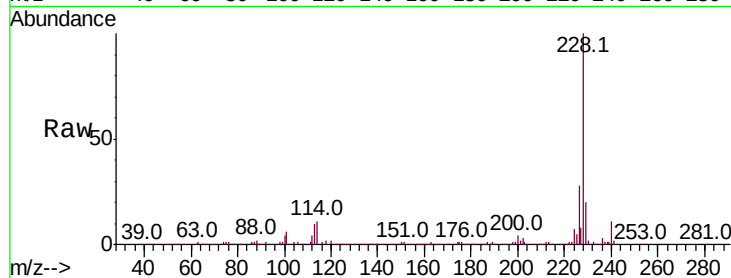
226 28.4 22.7 34.1

229 20.4 16.2 24.4

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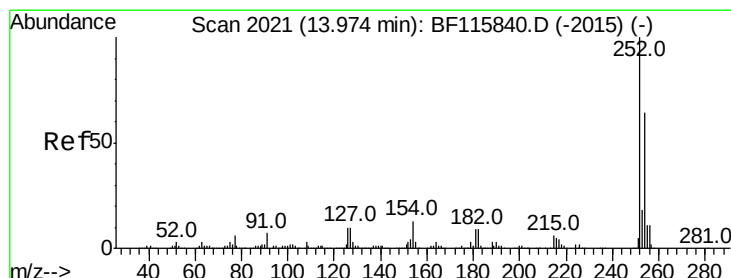
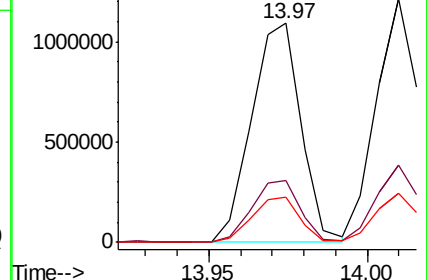
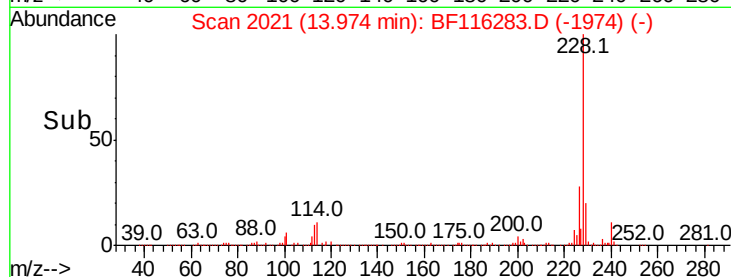
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 43.198 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.03 min

Lab File: BF116283.D

Acq: 15 Aug 2019 17:33

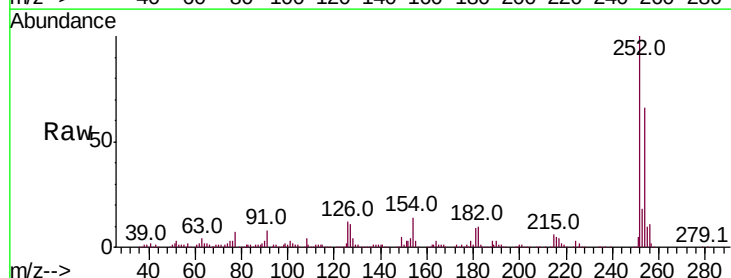
Tgt Ion:252 Resp: 411328

Ion Ratio Lower Upper

252 100

254 65.7 50.9 76.3

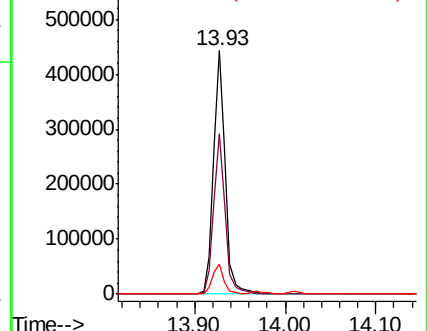
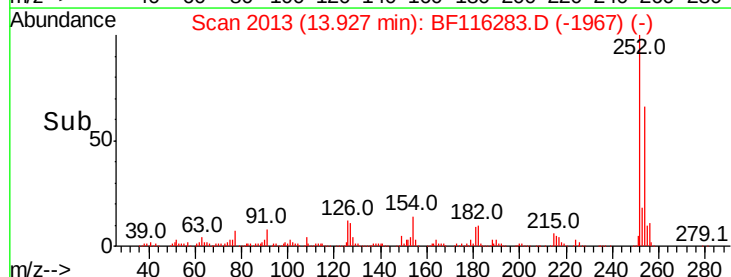
126 12.1 9.8 14.8

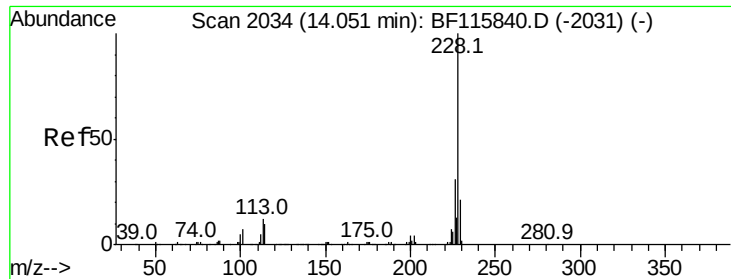


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





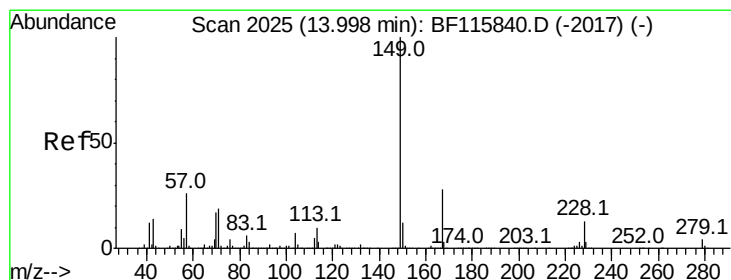
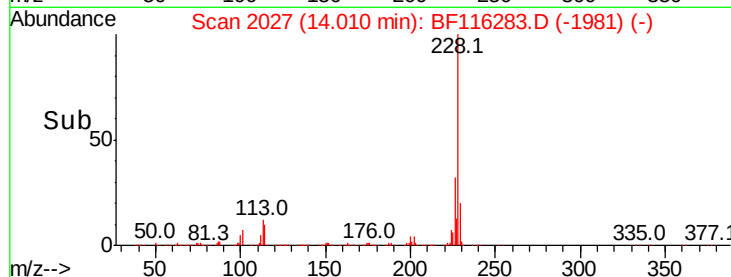
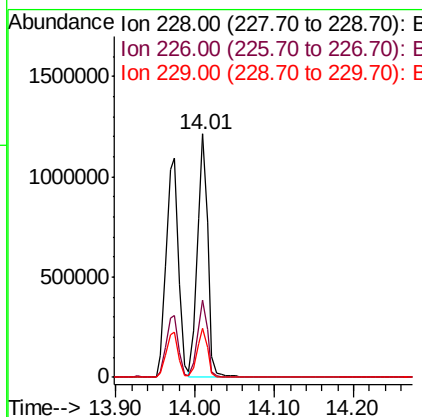
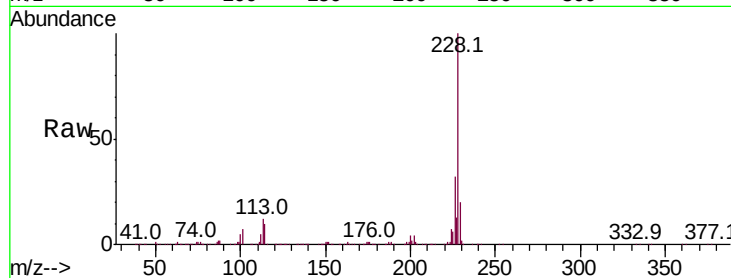
#83
 Chrysene
 Concen: 42.479 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.03 min
 Lab File: BF116283.D
 Acq: 15 Aug 2019 17:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.5	38.3
229	20.3	16.6	24.8

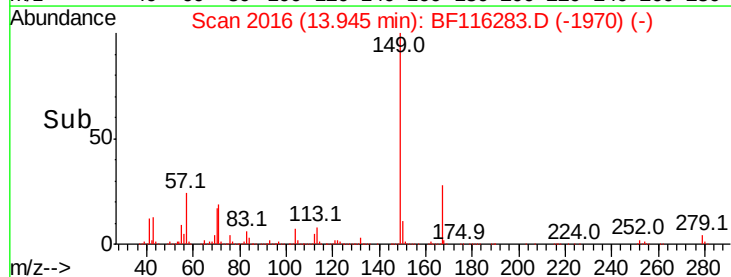
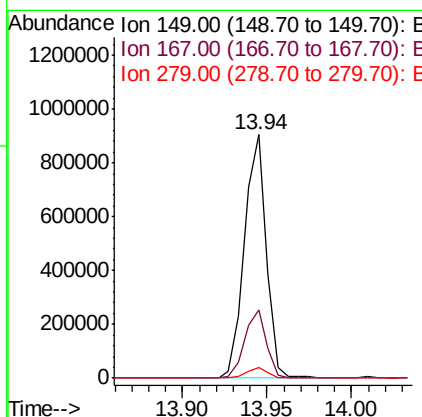
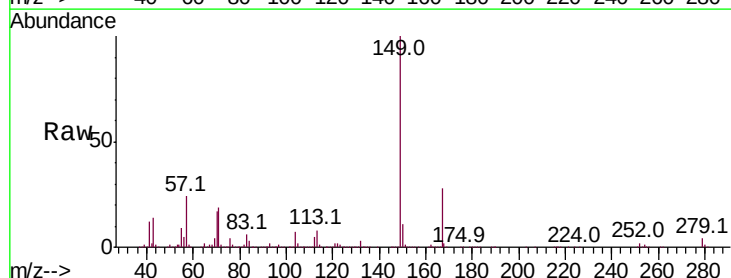
Manual Integrations
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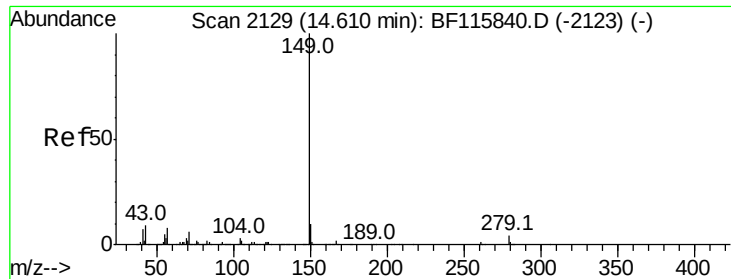
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 8/16/2019 5:34:06 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.138 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. -0.03 min
 Lab File: BF116283.D
 Acq: 15 Aug 2019 17:33

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.2	21.6	32.4
279	4.3	3.0	4.4





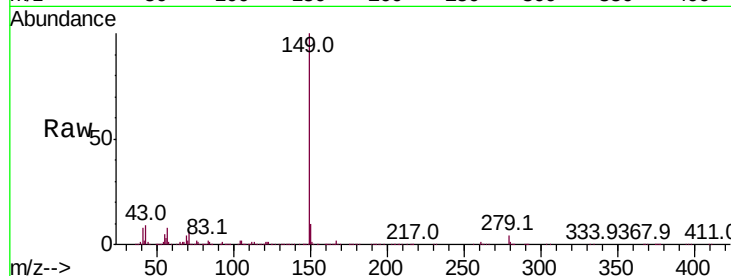
#85
Di-n-octyl phthalate
Concen: 44.755 ng
RT: 14.55 min Scan# 2119
Delta R.T. -0.04 min
Lab File: BF116283.D
Acq: 15 Aug 2019 17:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

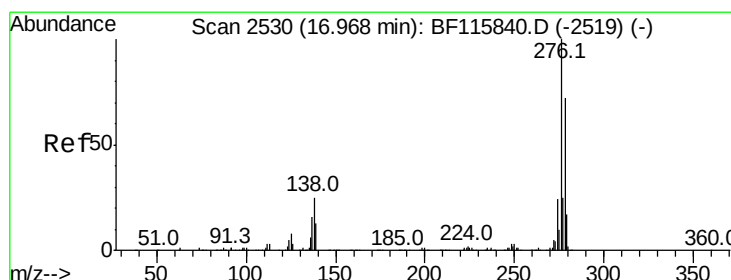
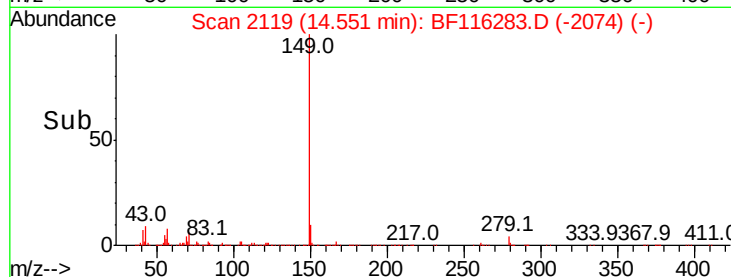
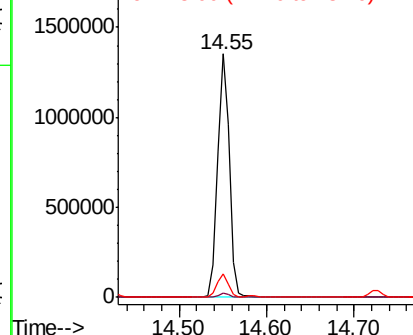
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	9.3	7.5	11.3

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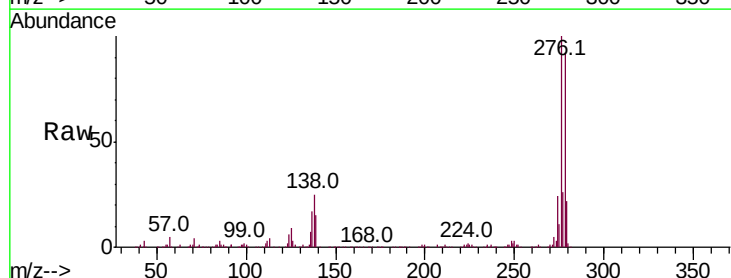


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

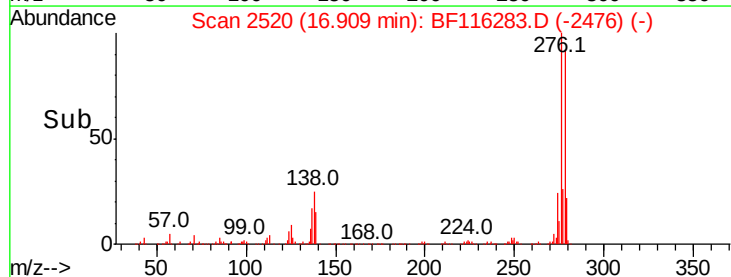
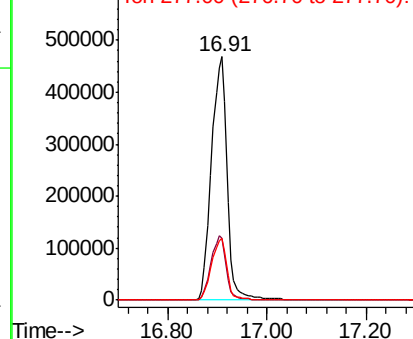


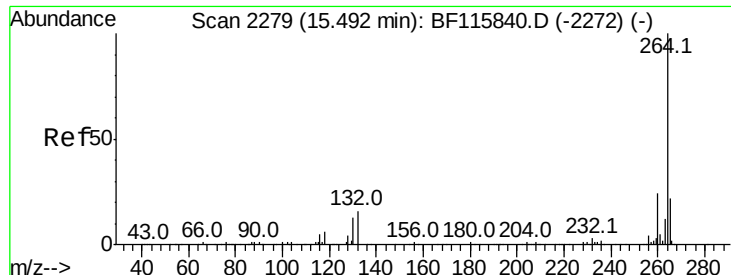
#86
Indeno(1,2,3-cd)pyrene
Concen: 46.422 ng
RT: 16.91 min Scan# 2520
Delta R.T. -0.04 min
Lab File: BF116283.D
Acq: 15 Aug 2019 17:33

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.7	20.4	30.6
277	25.2	20.0	30.0



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





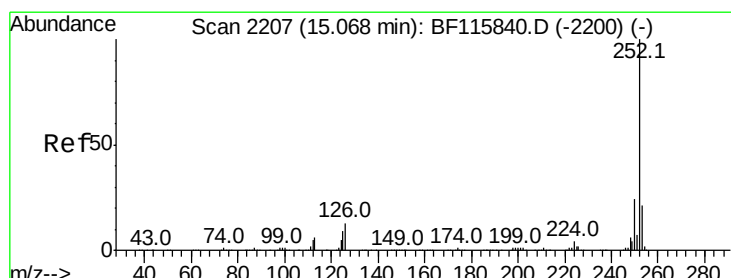
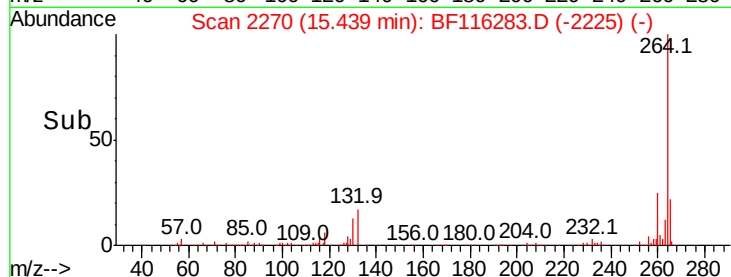
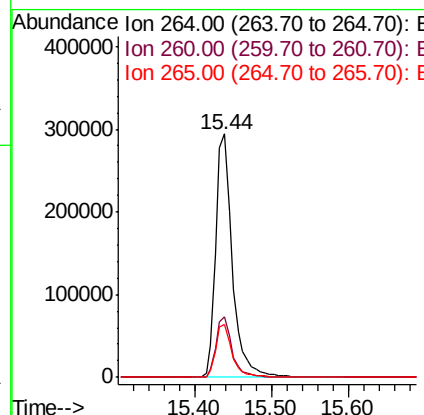
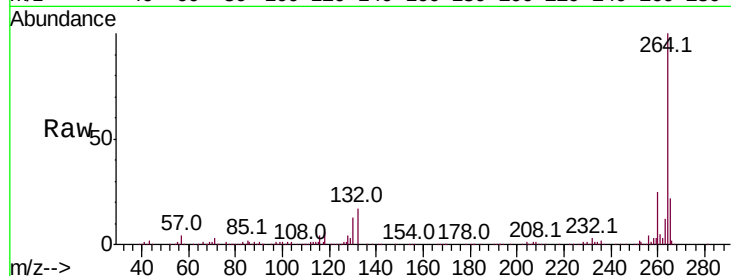
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.04 min
Lab File: BF116283.D
Acq: 15 Aug 2019 17:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.7	29.5
265	22.0	17.4	26.0

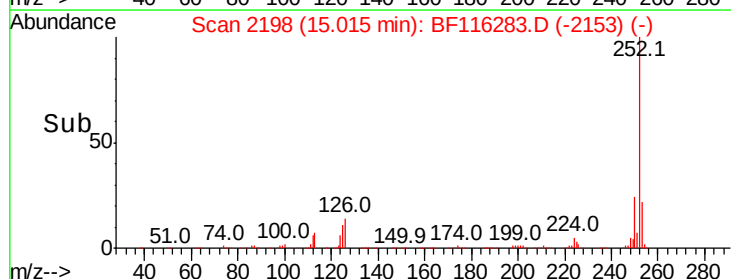
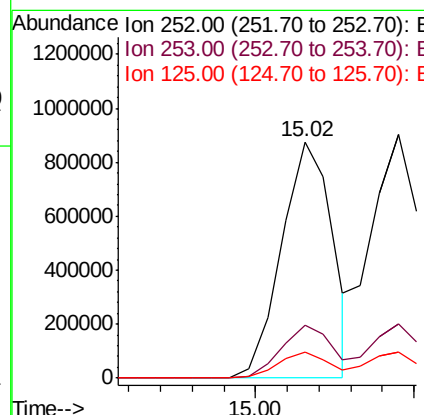
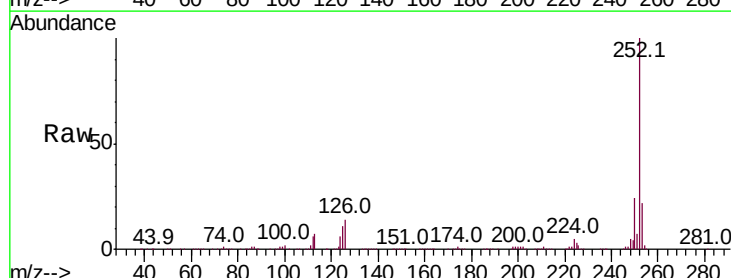
Manual Integrations
APPROVED

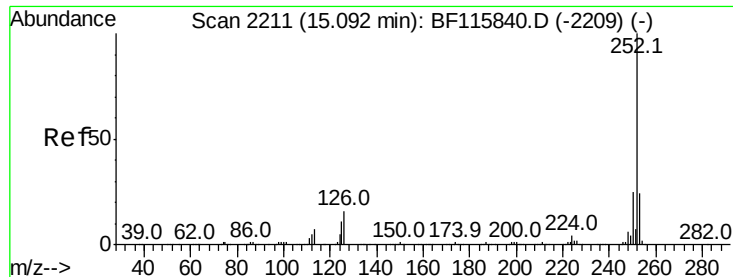
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#88
Benzo(b)fluoranthene
Concen: 39.150 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.04 min
Lab File: BF116283.D
Acq: 15 Aug 2019 17:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	11.0	8.4	12.6





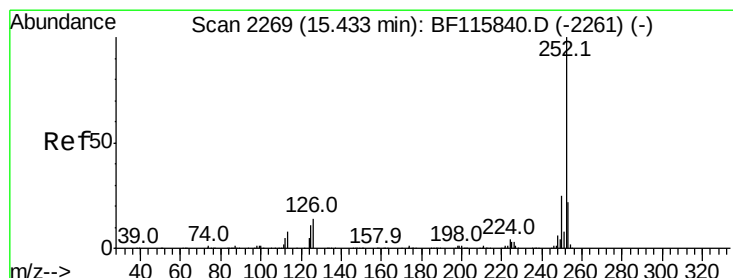
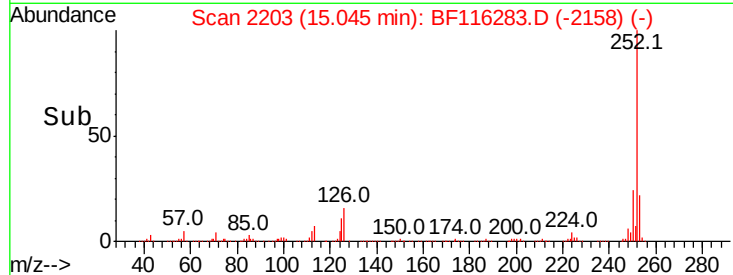
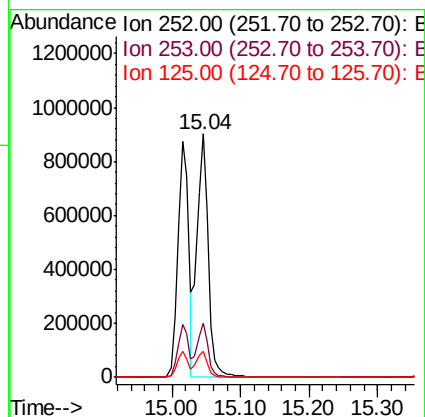
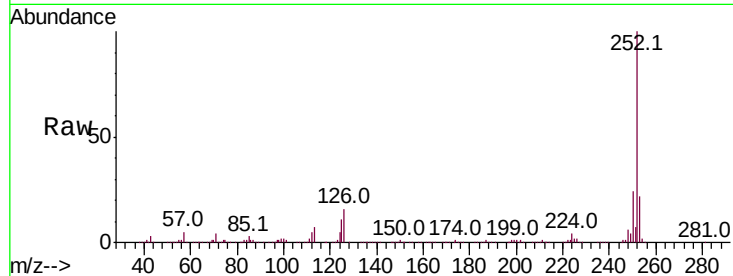
#89
Benzo(k)fluoranthene
Concen: 41.991 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.04 min
Lab File: BF116283.D
Acq: 15 Aug 2019 17:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	10.9	7.7	11.5

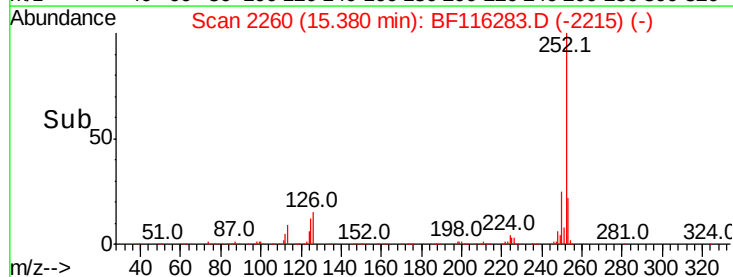
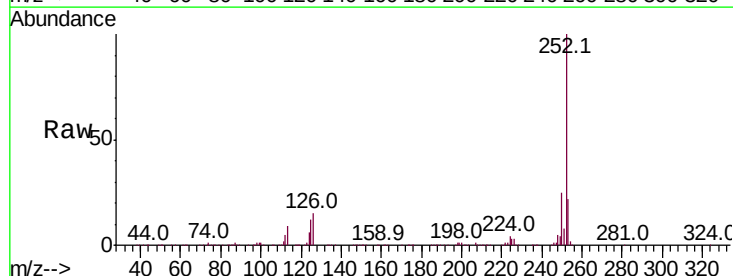
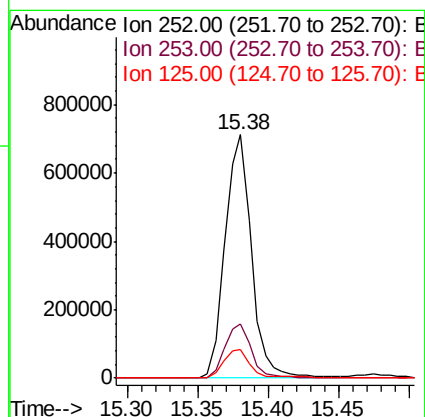
Manual Integrations
APPROVED

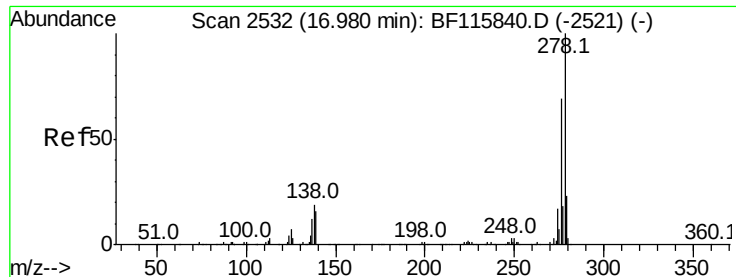
Jagrut
8/16/2019 5:34:06 PM



#90
Benzo(a)pyrene
Concen: 41.348 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.04 min
Lab File: BF116283.D
Acq: 15 Aug 2019 17:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	11.6	8.9	13.3





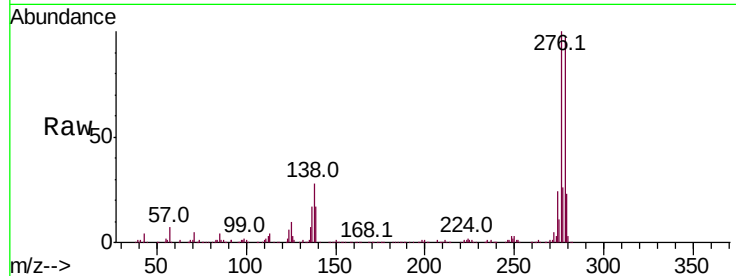
#91
Dibenzo(a,h)anthracene
Concen: 44.015 ng
RT: 16.90 min Scan# 2519
Delta R.T. -0.05 min
Lab File: BF116283.D
Acq: 15 Aug 2019 17:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

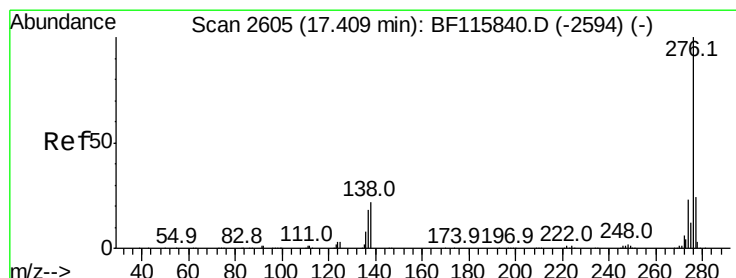
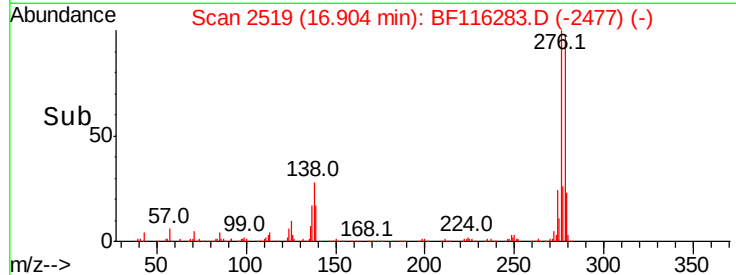
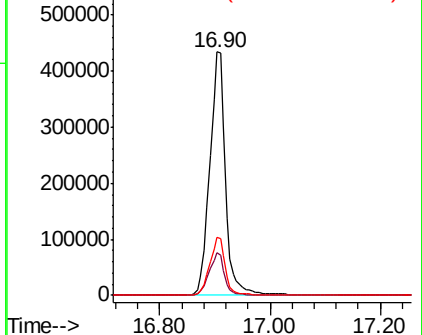
Tot Ion	Ratio	Lower	Upper
278	100		
139	17.3	12.8	19.2
279	23.6	18.8	28.2

Manual Integrations
APPROVED

Jagrut
8/16/2019 5:34:06 PM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 45.036 ng
RT: 17.34 min Scan# 2593
Delta R.T. -0.05 min
Lab File: BF116283.D
Acq: 15 Aug 2019 17:33

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.4	27.6
138	22.1	17.0	25.6

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

