

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032321\
 Data File : BF123414.D
 Acq On : 23 Mar 2021 20:58
 Operator : JU/CG
 Sample : M1682-02MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-MANHOLEMSD

Manual Integrations
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Quant Time: Mar 24 00:27:04 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 23 15:58:35 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	262977	20.00	ng	0.00
21) Naphthalene-d8	8.204	136	995208	20.00	ng	# 0.00
39) Acenaphthene-d10	9.963	164	531135	20.00	ng	0.00
64) Phenanthrene-d10	11.457	188	825991	20.00	ng	0.00
76) Chrysene-d12	14.104	240	411387	20.00	ng	0.00
86) Perylene-d12	15.609	264	432125	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	1307114	81.31	ng	0.02
7) Phenol-d6	6.545	99	1703629	79.61	ng	0.01
23) Nitrobenzene-d5	7.481	82	1142472	61.96	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	450287	75.83	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	1974476	53.11	ng	0.00
79) Terphenyl-d14	13.045	244	1528479	62.97	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.828	88	272608	35.26	ng	# 68
3) Pyridine	3.575	79	738926	36.34	ng	# 60
4) n-Nitrosodimethylamine	3.522	42	474619	39.02	ng	# 68
6) Aniline	6.575	93	570667	21.79	ng	93
8) 2-Chlorophenol	6.704	128	751127	42.37	ng	91
9) Benzaldehyde	6.463	77	584146	Below Cal		94
10) Phenol	6.557	94	970478	44.18	ng	96
11) bis(2-Chloroethyl)ether	6.651	93	742010	42.37	ng	85
12) 1,3-Dichlorobenzene	6.857	146	766423	40.07	ng	# 95
13) 1,4-Dichlorobenzene	6.933	146	761758	39.82	ng	97
14) 1,2-Dichlorobenzene	7.086	146	748250	42.11	ng	97
15) Benzyl Alcohol	7.057	79	693128	41.37	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.192	45	1606821	40.88	ng	87
17) 2-Methylphenol	7.169	107	617127	42.34	ng	99
18) Hexachloroethane	7.433	117	301280	42.04	ng	97
19) n-Nitroso-di-n-propyla...	7.333	70	558781	40.37	ng	# 77
20) 3+4-Methylphenols	7.322	107	719785	39.65	ng	93
22) Acetophenone	7.328	105	1009268	40.40	ng	# 90
24) Nitrobenzene	7.498	77	822506	40.35	ng	# 93
25) Isophorone	7.739	82	1538025	38.80	ng	97
26) 2-Nitrophenol	7.816	139	378206	51.90	ng	# 90
27) 2,4-Dimethylphenol	7.851	122	701844	43.31	ng	99
28) bis(2-Chloroethoxy)met...	7.951	93	939185	43.96	ng	99
29) 2,4-Dichlorophenol	8.057	162	623038	39.17	ng	96
30) 1,2,4-Trichlorobenzene	8.145	180	685882	39.53	ng	98
31) Naphthalene	8.228	128	2063901	38.57	ng	99
32) Benzoic acid	7.980	122	489419	51.19	ng	95
33) 4-Chloroaniline	8.263	127	167315	7.62	ng	# 95
34) Hexachlorobutadiene	8.345	225	421433	39.82	ng	99
35) Caprolactam	8.651	113	204260m	42.71	ng	
36) 4-Chloro-3-methylphenol	8.751	107	642396	38.48	ng	97
37) 2-Methylnaphthalene	8.916	142	1429391	38.97	ng	99
38) 1-Methylnaphthalene	9.016	142	1319826	38.33	ng	97
40) 1,2,4,5-Tetrachloroben...	9.086	216	628979	39.80	ng	98
41) Hexachlorocyclopentadiene	9.075	237	645095	73.10	ng	97
43) 2,4,6-Trichlorophenol	9.192	196	434160	39.23	ng	97

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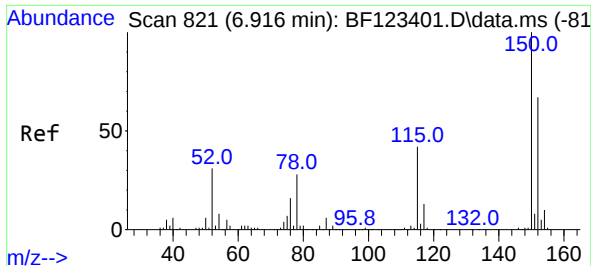
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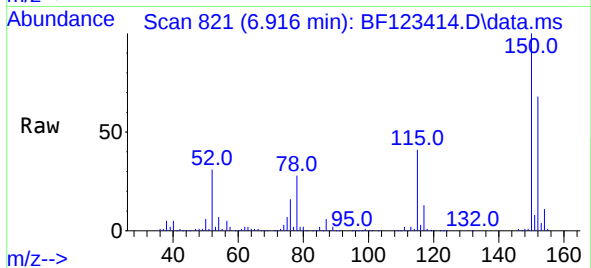
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.233	196	447055	38.44	ng	95
46) 1,1'-Biphenyl	9.386	154	1662764	40.62	ng	97
47) 2-Chloronaphthalene	9.410	162	1249344	37.41	ng	98
48) 2-Nitroaniline	9.498	65	458855	45.28	ng	# 70
49) Acenaphthylene	9.827	152	2063557	39.51	ng	100
50) Dimethylphthalate	9.686	163	1542917	40.90	ng	98
51) 2,6-Dinitrotoluene	9.745	165	328593	41.70	ng	# 75
52) Acenaphthene	9.998	154	1340894	41.13	ng	99
53) 3-Nitroaniline	9.910	138	159528	19.17	ng	83
54) 2,4-Dinitrophenol	10.016	184	269610	72.77	ng	# 86
55) Dibenzofuran	10.174	168	1698878	36.24	ng	99
56) 4-Nitrophenol	10.074	139	469924	70.01	ng	# 69
57) 2,4-Dinitrotoluene	10.151	165	437101	44.44	ng	91
58) Fluorene	10.516	166	1274389	36.01	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.286	232	355314	37.43	ng	# 92
60) Diethylphthalate	10.392	149	1447550	39.31	ng	100
61) 4-Chlorophenyl-phenyle...	10.510	204	638920	36.94	ng	96
62) 4-Nitroaniline	10.533	138	278617	35.33	ng	100
63) Azobenzene	10.669	77	1446896	35.70	ng	92
65) 4,6-Dinitro-2-methylph...	10.557	198	177370	40.78	ng	# 76
66) n-Nitrosodiphenylamine	10.627	169	1142597	41.28	ng	99
67) 4-Bromophenyl-phenylether	10.998	248	417245	42.65	ng	98
68) Hexachlorobenzene	11.069	284	446579	41.42	ng	97
69) Atrazine	11.157	200	398062	45.25	ng	98
70) Pentachlorophenol	11.257	266	497252	77.30	ng	100
71) Phenanthrene	11.480	178	1844675	40.40	ng	100
72) Anthracene	11.533	178	1801218	39.22	ng	100
73) Carbazole	11.686	167	1530220	35.27	ng	98
74) Di-n-butylphthalate	12.021	149	2056227	41.63	ng	100
75) Fluoranthene	12.674	202	1743296	35.26	ng	98
77) Benzidine	12.786	184	544933	44.47	ng	99
78) Pyrene	12.904	202	1694128	47.74	ng	99
80) Butylbenzylphthalate	13.521	149	663177	50.39	ng	94
81) Benzo(a)anthracene	14.092	228	1122307	41.68	ng	98
82) 3,3'-Dichlorobenzidine	14.051	252	223632	25.53	ng	# 97
83) Chrysene	14.133	228	1123676	40.42	ng	100
84) Bis(2-ethylhexyl)phtha...	14.086	149	790618	45.63	ng	99
85) Di-n-octyl phthalate	14.709	149	1318173	48.13	ng	# 89
87) Indeno(1,2,3-cd)pyrene	17.139	276	1354503	50.44	ng	99
88) Benzo(b)fluoranthene	15.168	252	1141941	38.30	ng	98
89) Benzo(k)fluoranthene	15.198	252	1008697	35.79	ng	98
90) Benzo(a)pyrene	15.545	252	1012548	39.35	ng	99
91) Dibenzo(a,h)anthracene	17.162	278	1098946	48.21	ng	99
92) Benzo(g,h,i)perylene	17.609	276	1124886	49.29	ng	97

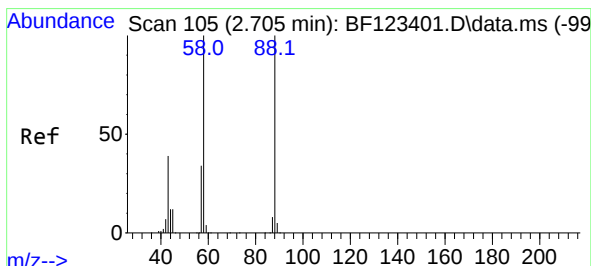
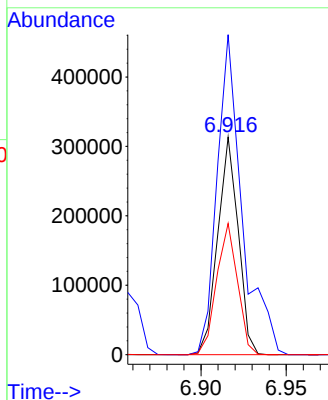
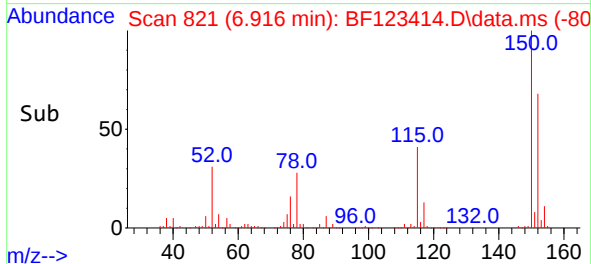
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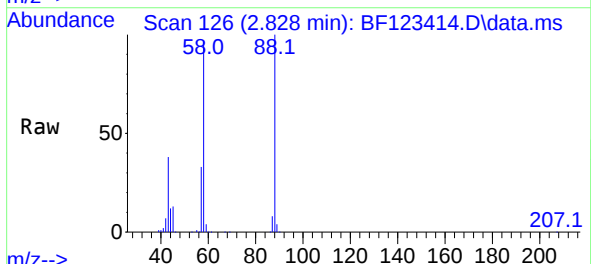
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.000 min
Lab File: BF123414.D
Acq: 23 Mar 2021 20:58



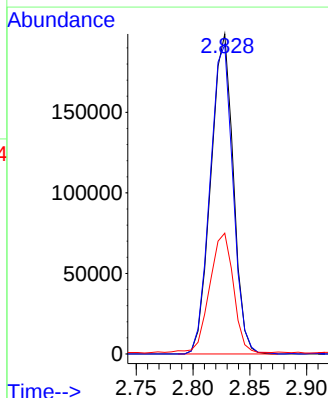
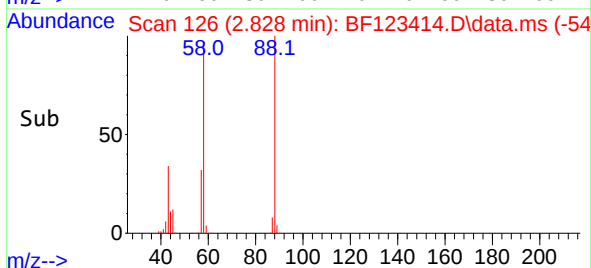
Tgt Ion:152 Resp: 262977
Ion Ratio Lower Upper
152 100
150 147.0 125.8 188.6
115 60.3 49.3 73.9



#2
1,4-Dioxane
Concen: 35.26 ng
RT: 2.828 min Scan# 126
Delta R.T. 0.123 min
Lab File: BF123414.D
Acq: 23 Mar 2021 20:58



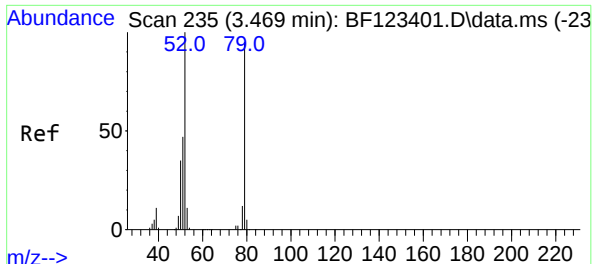
Tgt Ion: 88 Resp: 272608
Ion Ratio Lower Upper
88 100
58 98.8 56.2 84.2#
43 40.1 21.8 32.6#



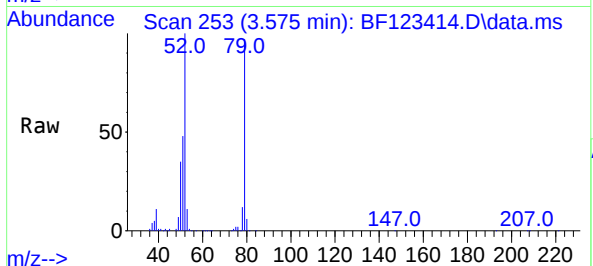
Instrument :
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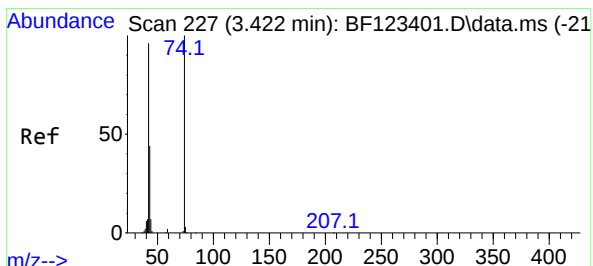
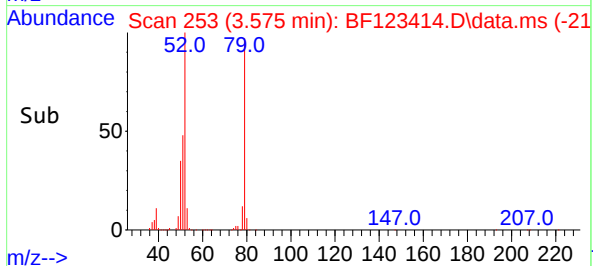
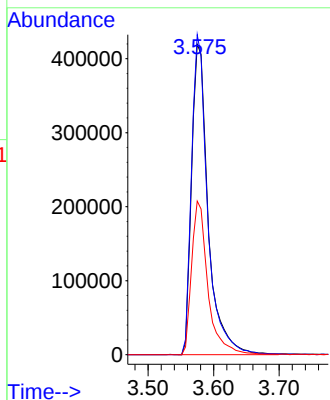
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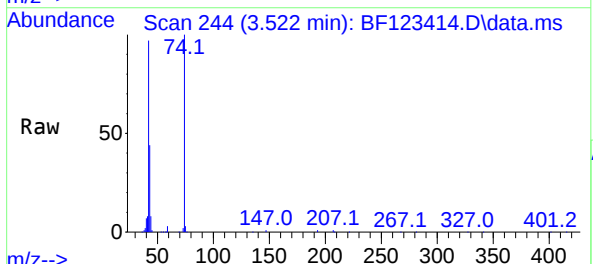
#3
Pyridine
Concen: 36.34 ng
RT: 3.575 min Scan# 253
Delta R.T. 0.106 min
Lab File: BF123414.D
Acq: 23 Mar 2021 20:58



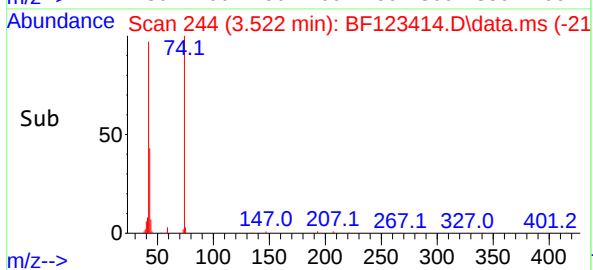
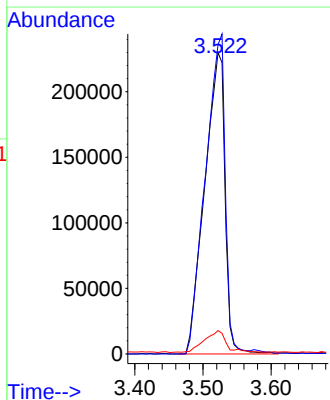
Tgt Ion: 79 Resp: 738926
Ion Ratio Lower Upper
79 100
52 103.1 53.0 79.4#
51 49.5 26.6 39.8#



#4
n-Nitrosodimethylamine
Concen: 39.02 ng
RT: 3.522 min Scan# 244
Delta R.T. 0.100 min
Lab File: BF123414.D
Acq: 23 Mar 2021 20:58



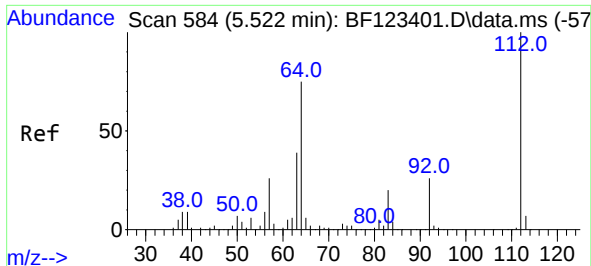
Tgt Ion: 42 Resp: 474619
Ion Ratio Lower Upper
42 100
74 102.6 115.2 172.8#
44 7.7 5.4 8.0



Instrument :
BNA_F
ClientSampleId :
SP-MANHOLEMSD

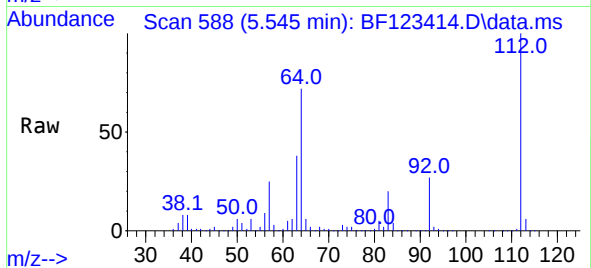
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#5
2-Fluorophenol
Concen: 81.31 ng
RT: 5.545 min Scan# 588
Delta R.T. 0.023 min
Lab File: BF123414.D
Acq: 23 Mar 2021 20:58

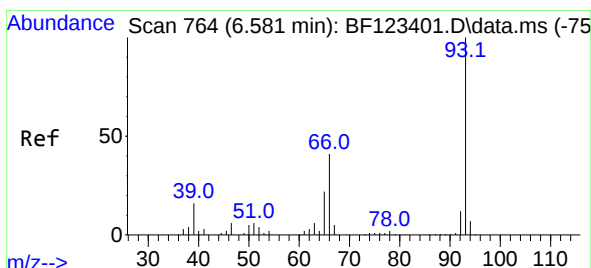
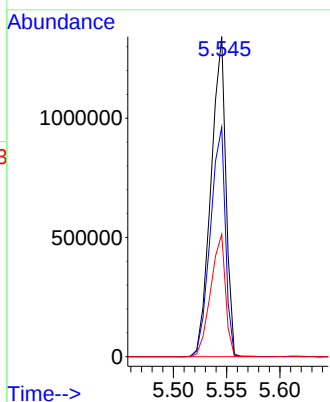
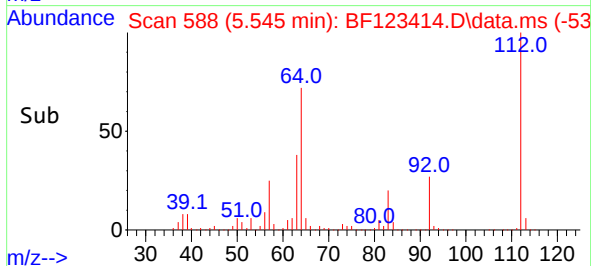
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ClientSampleId :
SP-MANHOLEMSD



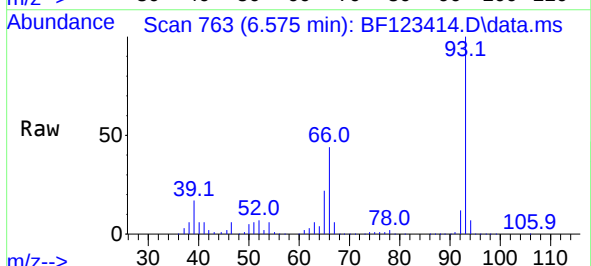
Tgt Ion:112 Resp: 1307114
Ion Ratio Lower Upper
112 100
64 71.7 46.9 70.3#
63 38.3 24.5 36.7#

Manual Integrations
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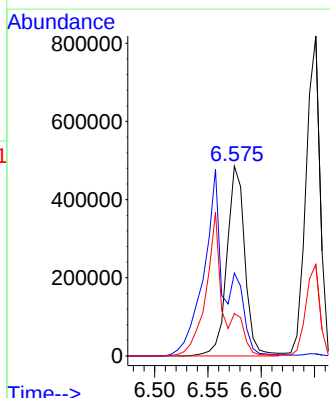
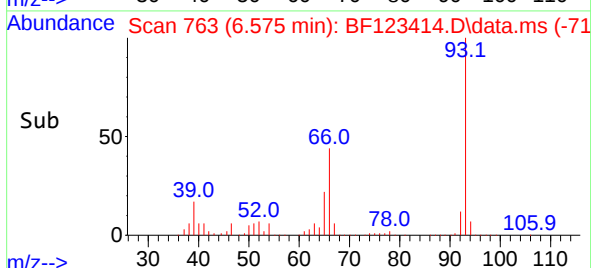
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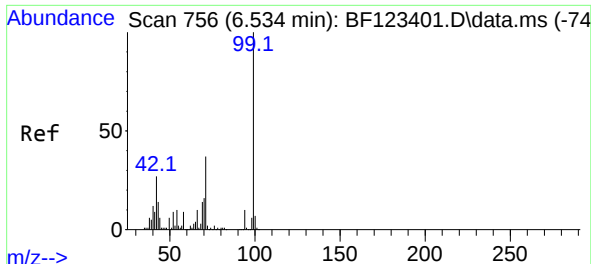


#6
Aniline
Concen: 21.79 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF123414.D
Acq: 23 Mar 2021 20:58



Tgt Ion: 93 Resp: 570667
Ion Ratio Lower Upper
93 100
66 43.6 31.3 46.9
65 22.3 15.6 23.4





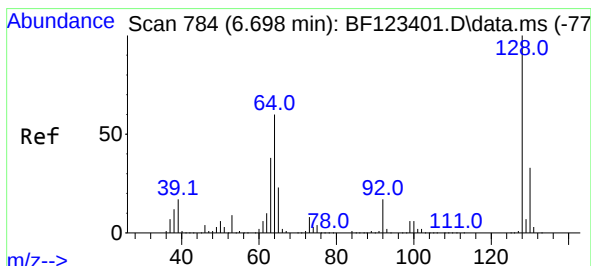
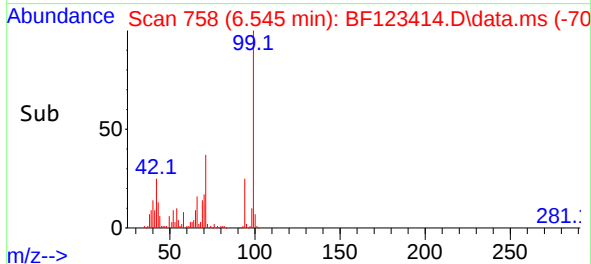
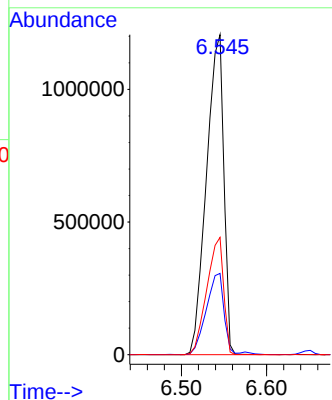
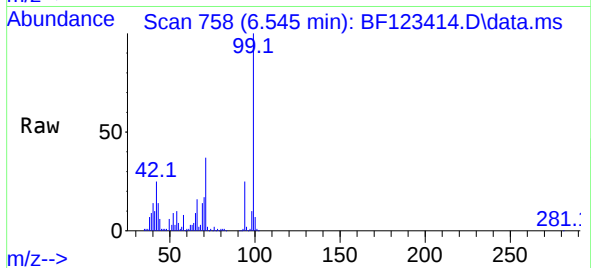
#7
Phenol-d6
Concen: 79.61 ng
RT: 6.545 min Scan# 758
Delta R.T. 0.012 min
Lab File: BF123414.D
Acq: 23 Mar 2021 20:58

Tgt Ion: 99 Resp: 1703629
Ion Ratio Lower Upper
99 100
42 25.4 13.8 20.6#
71 36.6 26.9 40.3

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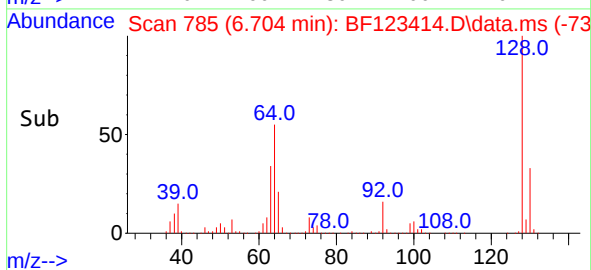
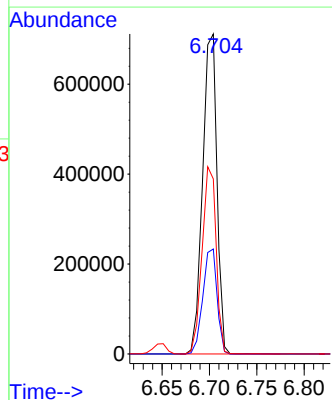
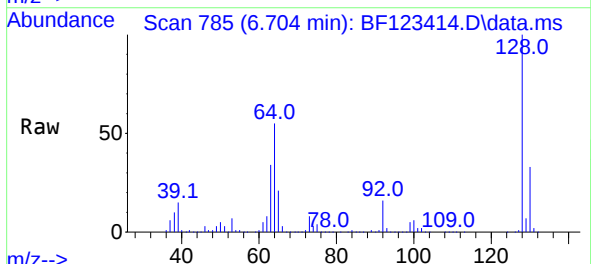
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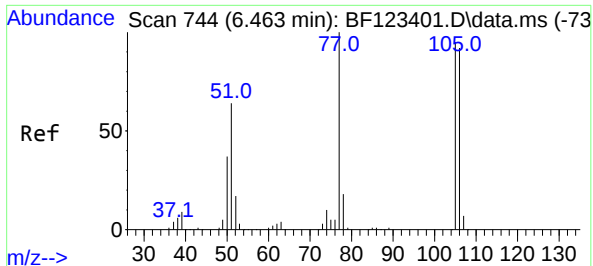
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#8
2-Chlorophenol
Concen: 42.37 ng
RT: 6.704 min Scan# 785
Delta R.T. 0.006 min
Lab File: BF123414.D
Acq: 23 Mar 2021 20:58

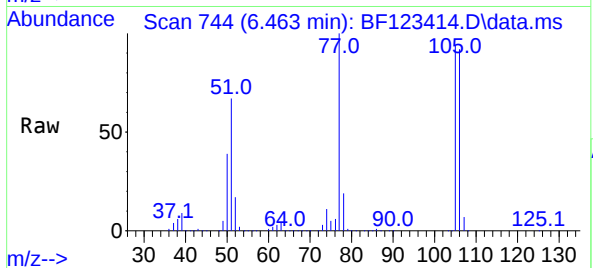
Tgt Ion:128 Resp: 751127
Ion Ratio Lower Upper
128 100
130 32.8 12.3 52.3
64 54.7 25.5 65.5





#9
Benzaldehyde
Concen: Below Cal
RT: 6.463 min Scan# 744
Delta R.T. -0.000 min
Lab File: BF123414.D
Acq: 23 Mar 2021 20:58

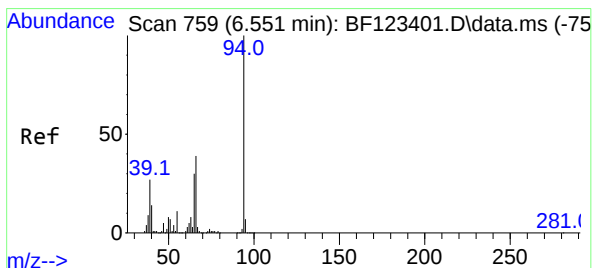
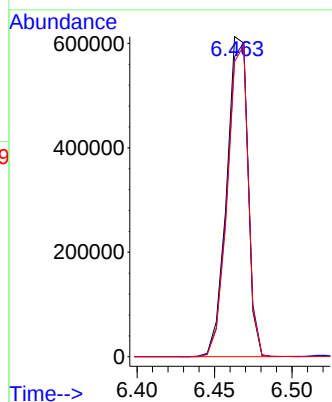
Instrument :
BNA_F
ClientSampleId :
SP-MANHOLEMSD



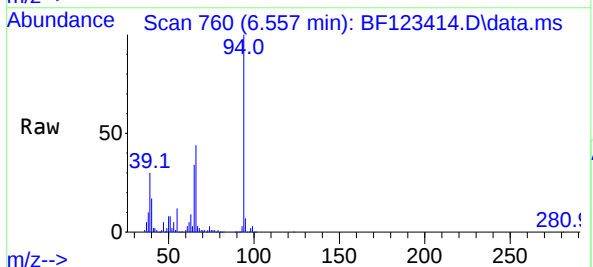
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Ion Ratio Lower Upper
77 100
105 93.8 80.6 120.6
106 92.2 77.2 117.2

Manual Integrations
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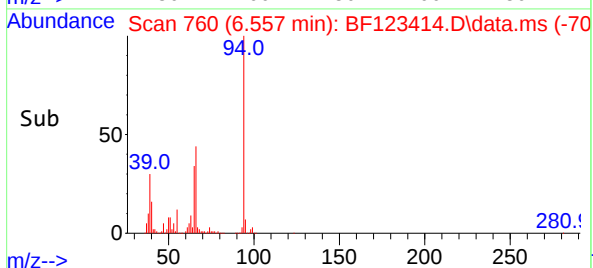
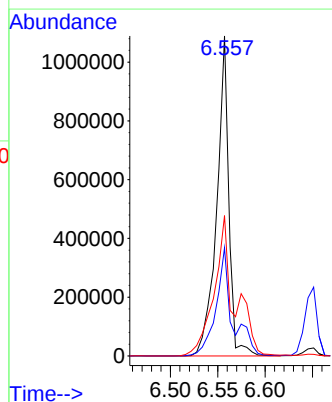
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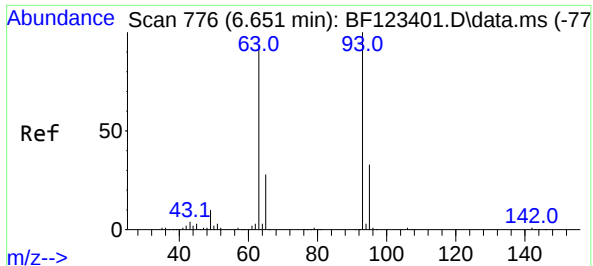


#10
Phenol
Concen: 44.18 ng
RT: 6.557 min Scan# 760
Delta R.T. 0.006 min
Lab File: BF123414.D
Acq: 23 Mar 2021 20:58



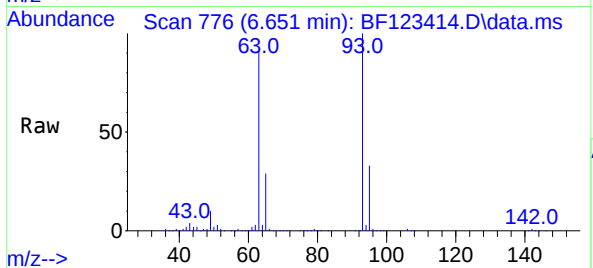
Tgt Ion: 94 Resp: 970478
Ion Ratio Lower Upper
94 100
65 33.8 11.2 51.2
66 43.8 25.8 65.8





#11
bis(2-Chloroethyl)ether
Concen: 42.37 ng
RT: 6.651 min Scan# 776
Delta R.T. -0.000 min
Lab File: BF123414.D
Acq: 23 Mar 2021 20:58

Instrument :
BNA_F
ClientSampleId :
SP-MANHOLEMSD

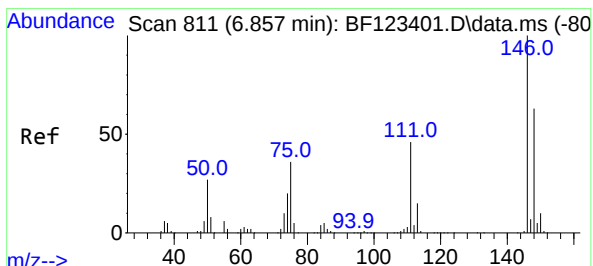
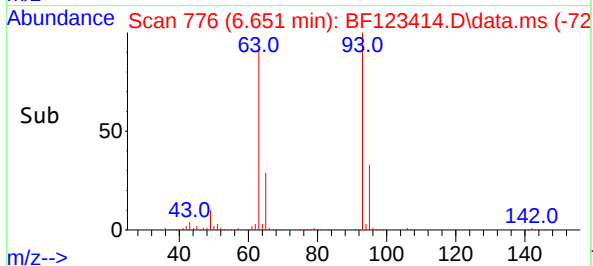
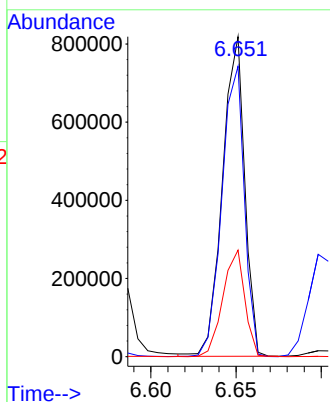


Tgt Ion: 93 Resp: 742010

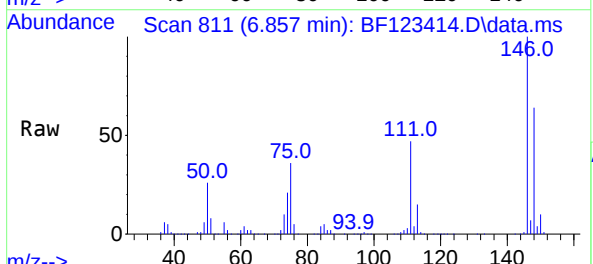
Ion	Ratio	Lower	Upper
93	100		
63	90.8	52.6	92.6
95	33.3	12.6	52.6

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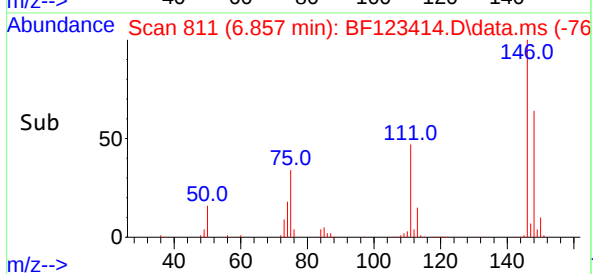
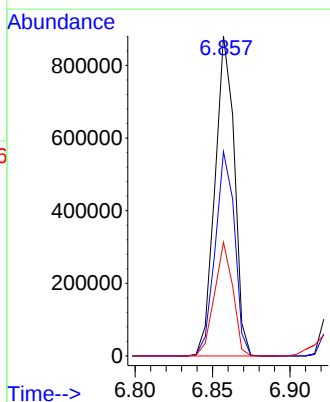


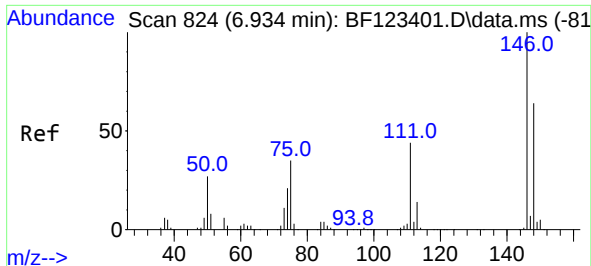
#12
1,3-Dichlorobenzene
Concen: 40.07 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF123414.D
Acq: 23 Mar 2021 20:58



Tgt Ion: 146 Resp: 766423

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.8	77.8
75	35.5	22.5	33.7#





#13

1,4-Dichlorobenzene

Concen: 39.82 ng

RT: 6.933 min Scan# 824

Delta R.T. -0.000 min

Lab File: BF123414.D

Acq: 23 Mar 2021 20:58

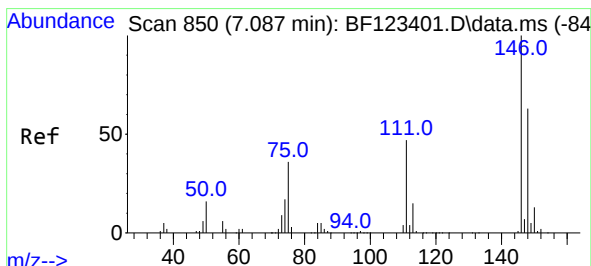
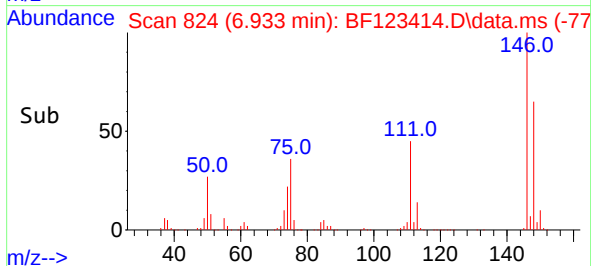
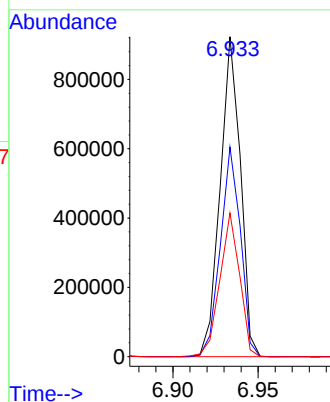
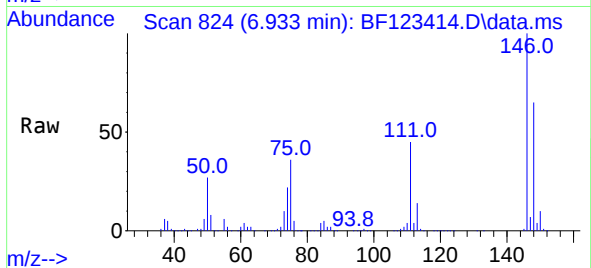
Tgt Ion:146 Resp: 761758

Ion Ratio Lower Upper

146 100

148 65.5 52.0 78.0

111 44.9 32.3 48.5



#14

1,2-Dichlorobenzene

Concen: 42.11 ng

RT: 7.086 min Scan# 850

Delta R.T. -0.000 min

Lab File: BF123414.D

Acq: 23 Mar 2021 20:58

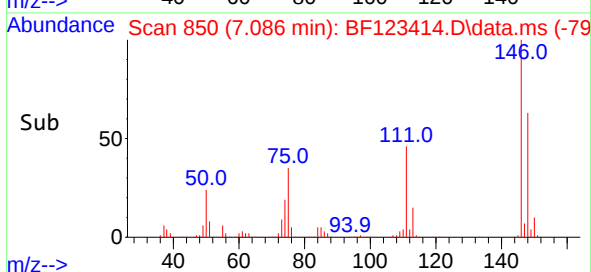
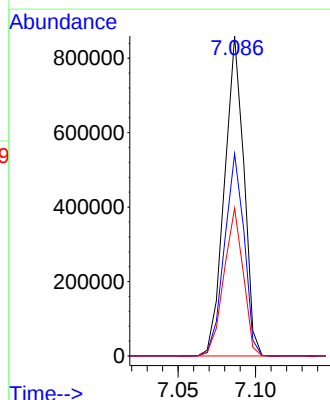
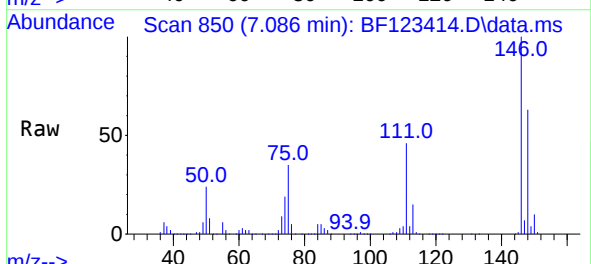
Tgt Ion:146 Resp: 748250

Ion Ratio Lower Upper

146 100

148 63.2 51.5 77.3

111 46.2 34.2 51.2



Instrument :

BNA_F

ClientSampleId :

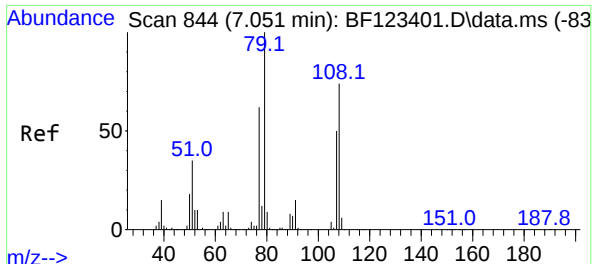
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#15

Benzyl Alcohol

Concen: 41.37 ng

RT: 7.057 min Scan# 845

Delta R.T. 0.006 min

Lab File: BF123414.D

Acq: 23 Mar 2021 20:58

Tgt Ion: 79 Resp: 693128

Ion Ratio Lower Upper

79 100

108 75.5 62.4 93.6

77 62.6 49.0 73.6

Instrument :

BNA_F

ClientSampleId :

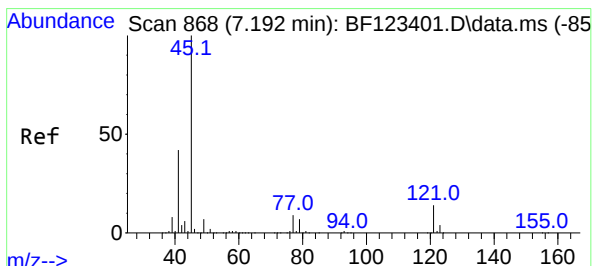
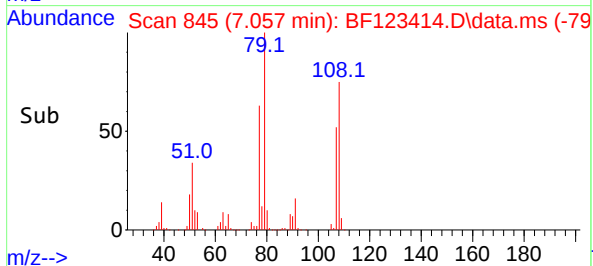
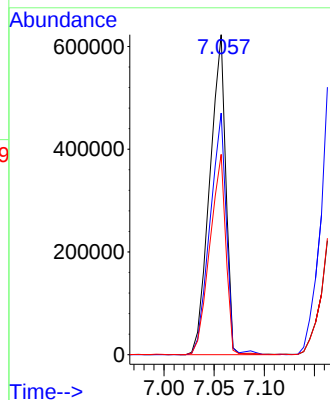
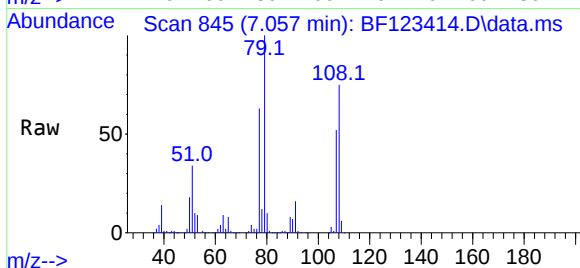
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.88 ng

RT: 7.192 min Scan# 868

Delta R.T. -0.000 min

Lab File: BF123414.D

Acq: 23 Mar 2021 20:58

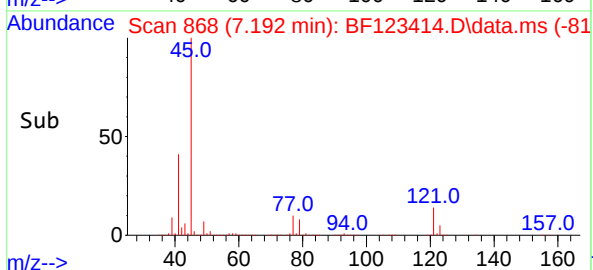
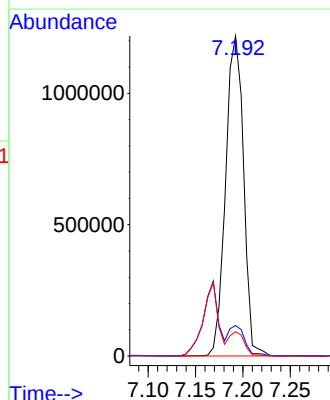
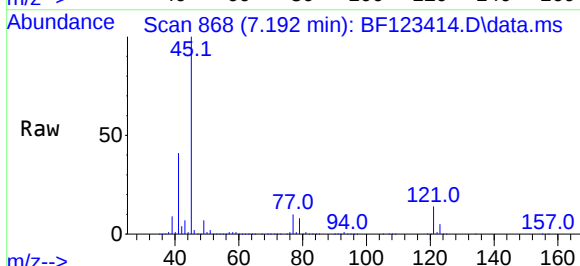
Tgt Ion: 45 Resp: 1606821

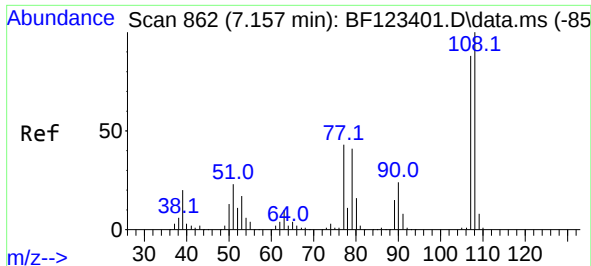
Ion Ratio Lower Upper

45 100

77 9.5 0.0 35.6

79 7.6 0.0 32.4





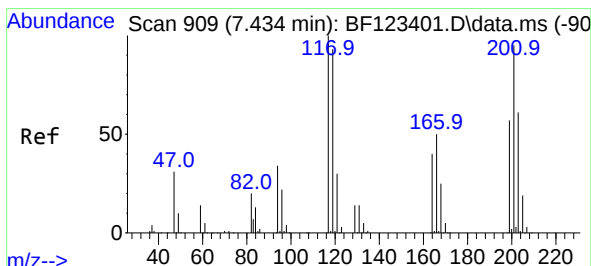
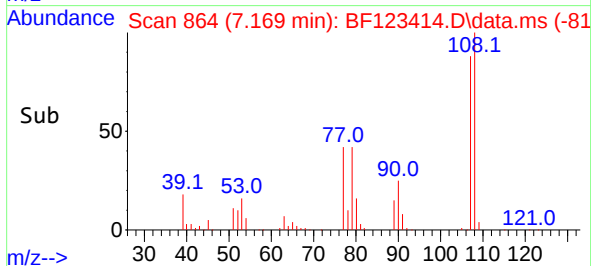
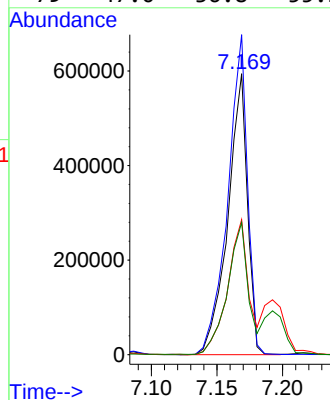
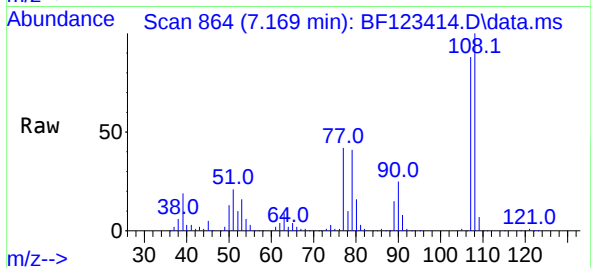
#17
2-Methylphenol
Concen: 42.34 ng
RT: 7.169 min Scan# 864
Delta R.T. 0.012 min
Lab File: BF123414.D
Acq: 23 Mar 2021 20:58

Tgt Ion:	107	Resp:	617127
Ion	Ratio	Lower	Upper
107	100		
108	113.9	91.1	136.7
77	48.0	36.3	54.5
79	47.0	36.8	55.2

Instrument :
BNA_F
ClientSampleId :
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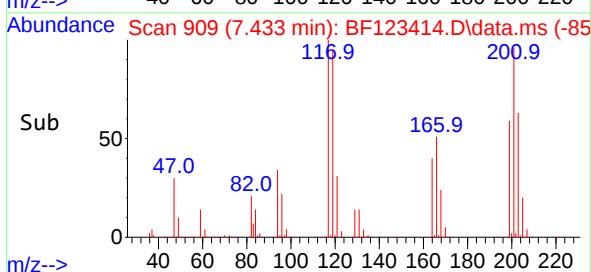
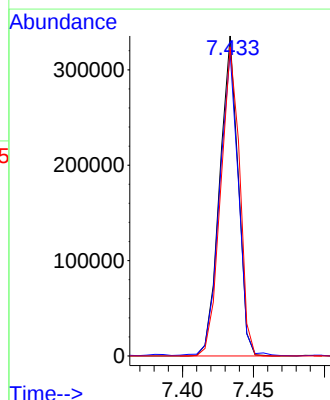
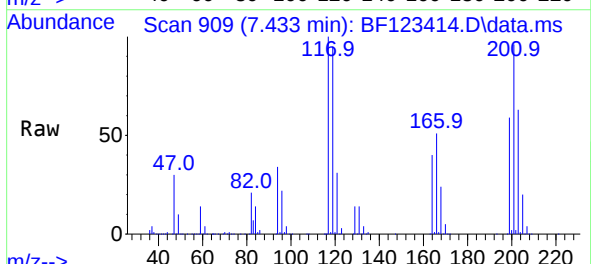
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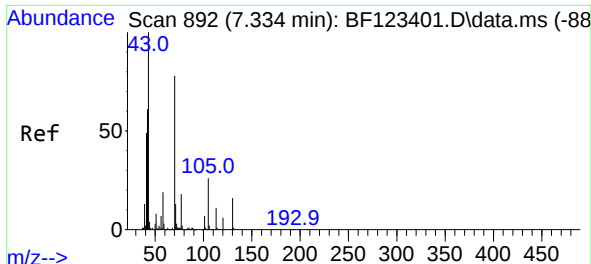
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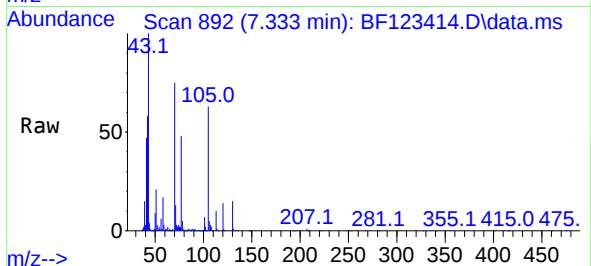
#18
Hexachloroethane
Concen: 42.04 ng
RT: 7.433 min Scan# 909
Delta R.T. -0.000 min
Lab File: BF123414.D
Acq: 23 Mar 2021 20:58

Tgt Ion:	117	Resp:	301280
Ion	Ratio	Lower	Upper
117	100		
119	94.8	78.4	117.6
201	96.5	79.6	119.4

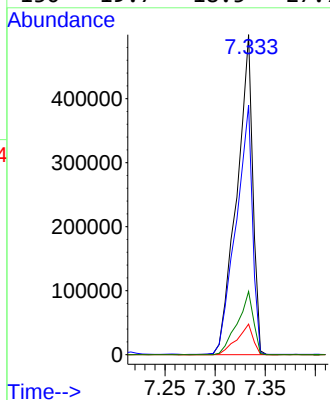




#19
n-Nitroso-di-n-propylamine
Concen: 40.37 ng
RT: 7.333 min Scan# 892
Delta R.T. -0.000 min
Lab File: BF123414.D
Acq: 23 Mar 2021 20:58



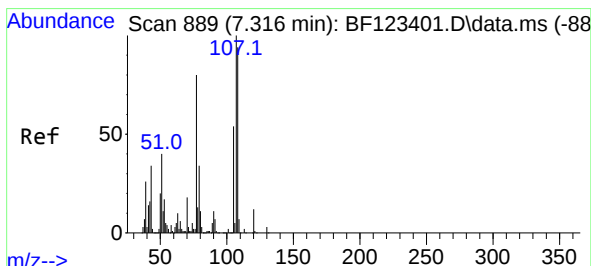
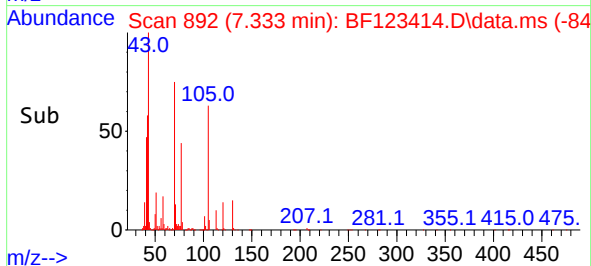
Tgt Ion: 70 Resp: 558781
Ion Ratio Lower Upper
70 100
42 78.0 43.0 64.4#
101 9.5 7.9 11.9
130 19.7 18.5 27.7



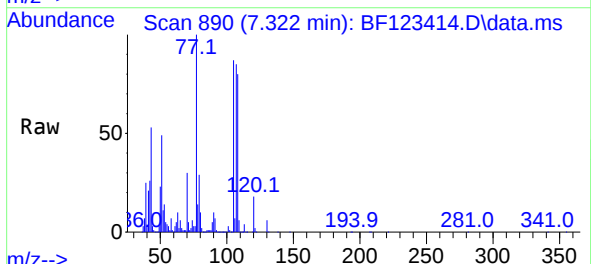
Instrument :
BNA_F
ClientSampleId :
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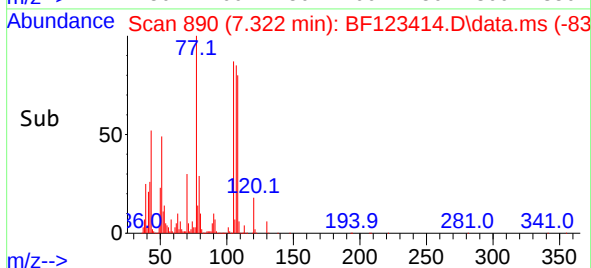
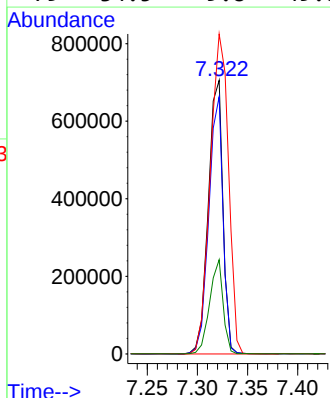
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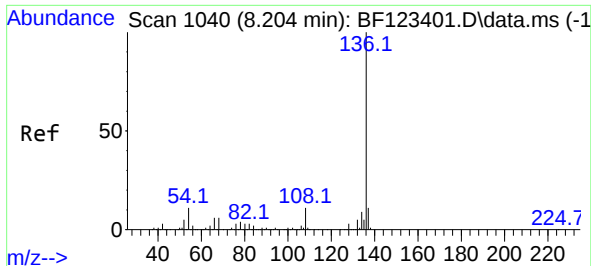


#20
3+4-Methylphenols
Concen: 39.65 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.006 min
Lab File: BF123414.D
Acq: 23 Mar 2021 20:58



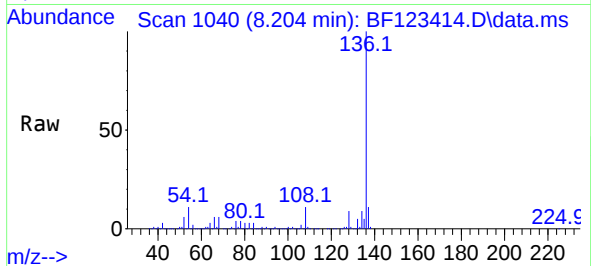
Tgt Ion: 107 Resp: 719785
Ion Ratio Lower Upper
107 100
108 94.0 68.7 108.7
77 117.0 89.8 129.8
79 34.5 9.8 49.8





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.204 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF123414.D
Acq: 23 Mar 2021 20:58

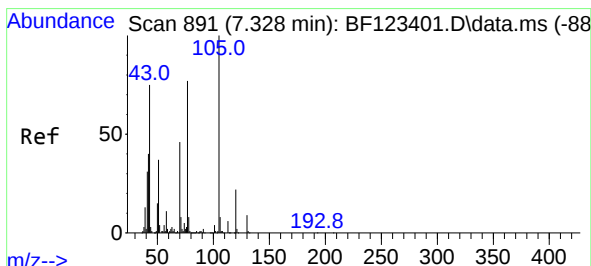
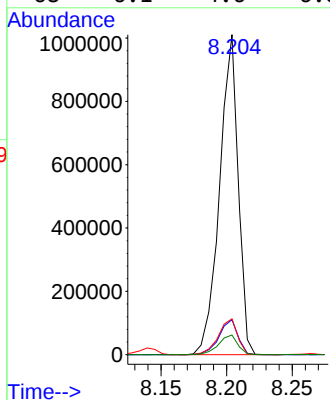
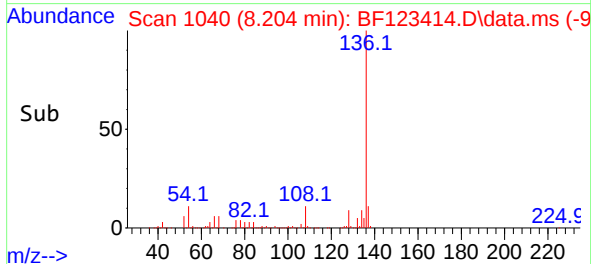
Instrument :
BNA_F
ClientSampleId :
SP-MANHOLEMSD



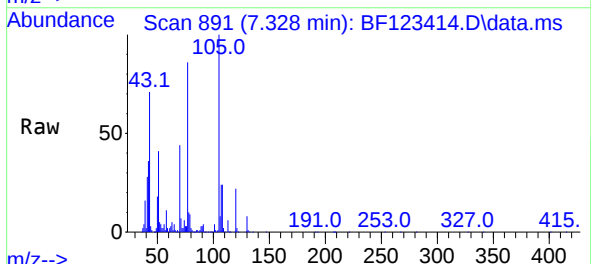
Tgt Ion:136 Resp: 995208
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 11.2 5.5 8.3#
68 6.1 4.6 6.8

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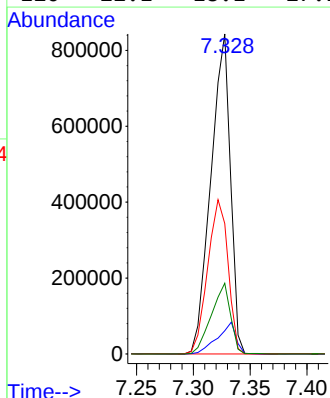
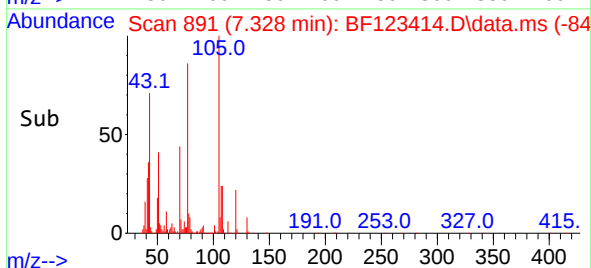
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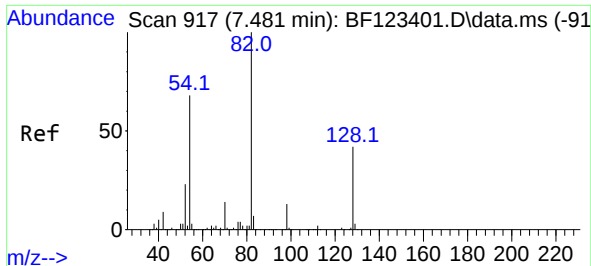


#22
Acetophenone
Concen: 40.40 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.000 min
Lab File: BF123414.D
Acq: 23 Mar 2021 20:58



Tgt Ion:105 Resp: 1009268
Ion Ratio Lower Upper
105 100
71 7.3 6.5 9.7
51 40.7 24.3 36.5#
120 22.1 18.1 27.1





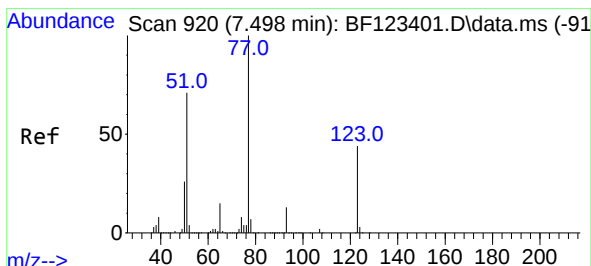
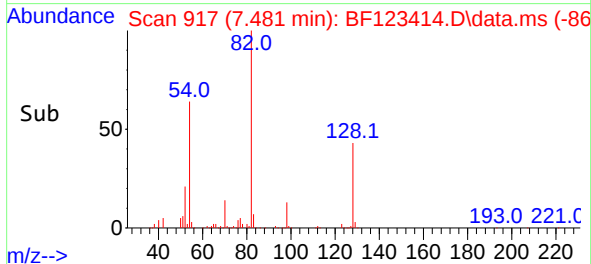
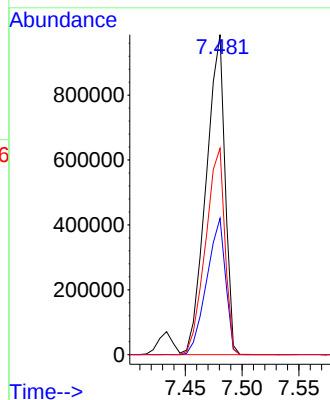
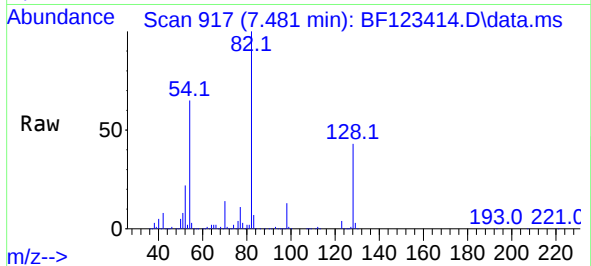
#23
Nitrobenzene-d5
Concen: 61.96 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.000 min
Lab File: BF123414.D
Acq: 23 Mar 2021 20:58

Tgt Ion: 82 Resp: 1142472
Ion Ratio Lower Upper
82 100
128 42.6 37.0 55.4
54 64.5 38.4 57.6#

Instrument :
BNA_F
ClientSampleId :
SP-MANHOLEMSD

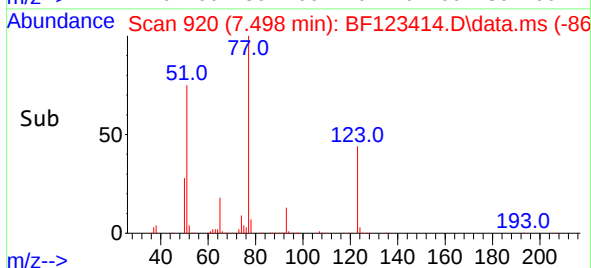
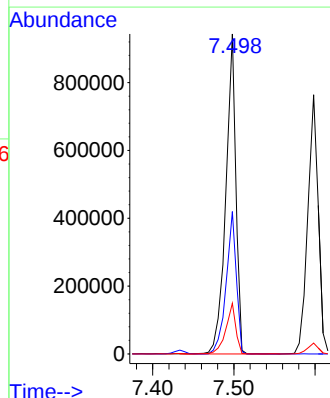
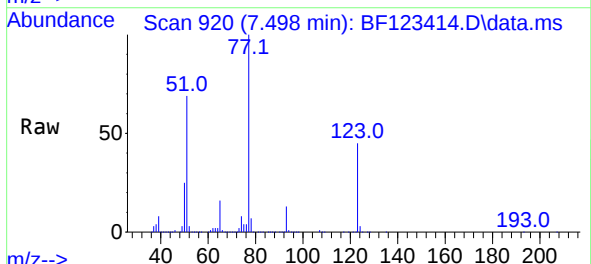
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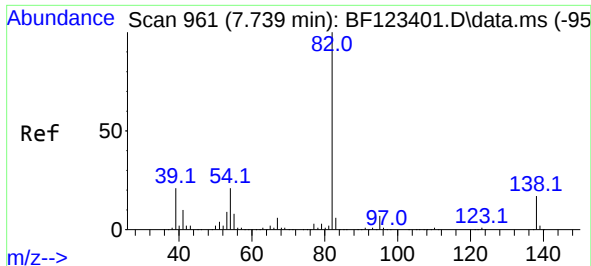
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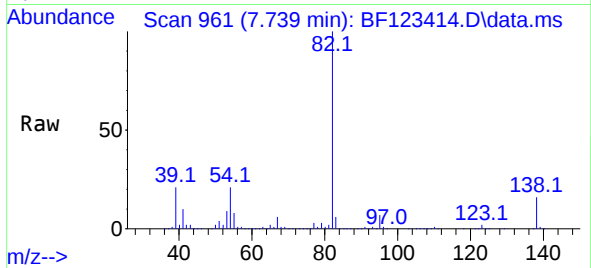
#24
Nitrobenzene
Concen: 40.35 ng
RT: 7.498 min Scan# 920
Delta R.T. -0.000 min
Lab File: BF123414.D
Acq: 23 Mar 2021 20:58

Tgt Ion: 77 Resp: 822506
Ion Ratio Lower Upper
77 100
123 44.5 39.3 58.9
65 15.8 10.6 15.8#



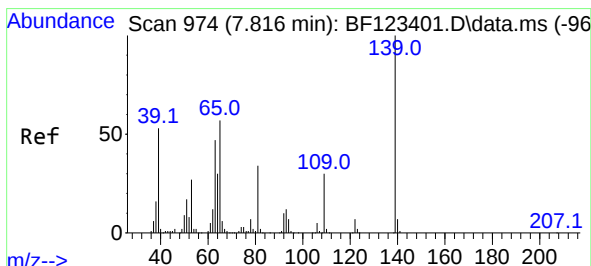
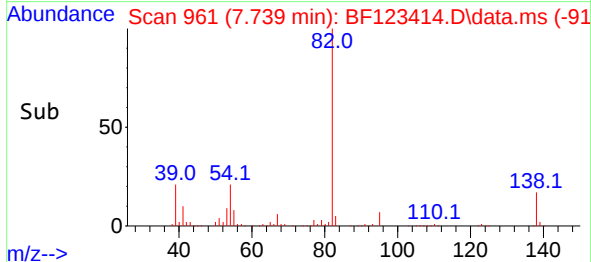
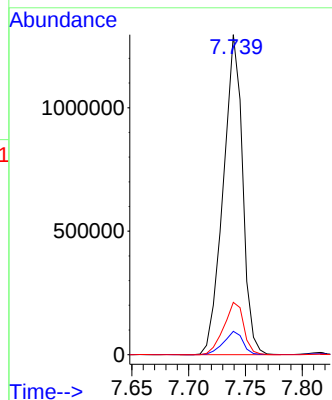


#25
Isophorone
Concen: 38.80 ng
RT: 7.739 min Scan# 961
Delta R.T. -0.000 min
Lab File: BF123414.D
Acq: 23 Mar 2021 20:58

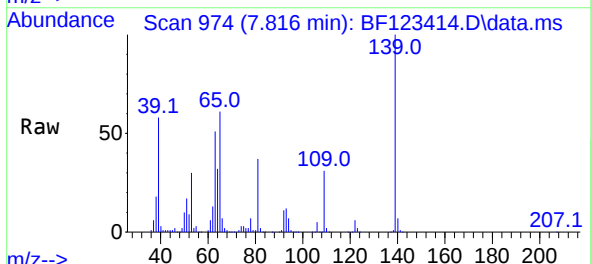


Tgt Ion: 82 Resp: 1538025

Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.8	8.6
138	16.4	14.6	21.8

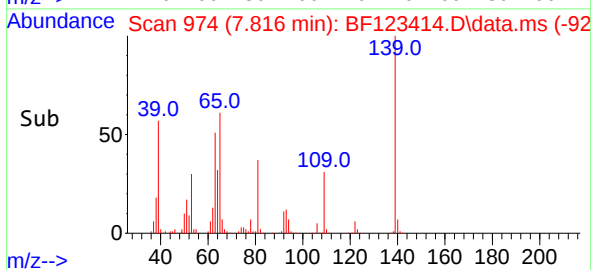
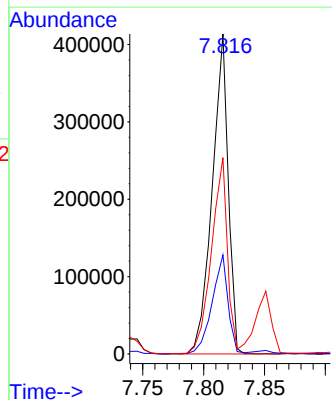


#26
2-Nitrophenol
Concen: 51.90 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.000 min
Lab File: BF123414.D
Acq: 23 Mar 2021 20:58



Tgt Ion: 139 Resp: 378206

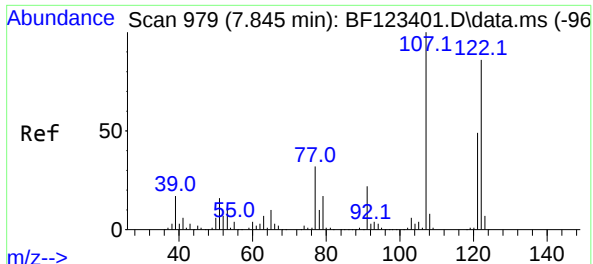
Ion	Ratio	Lower	Upper
139	100		
109	30.9	24.0	36.0
65	61.4	40.9	61.3



Instrument :
BNA_F
ClientSampleId :
SP-MANHOLEMSD

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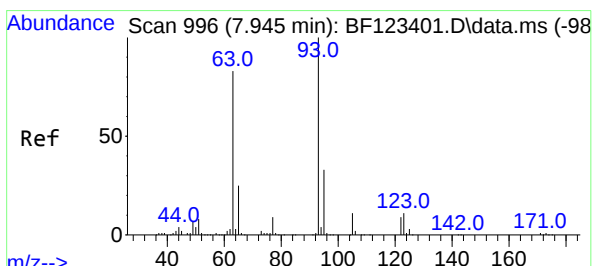
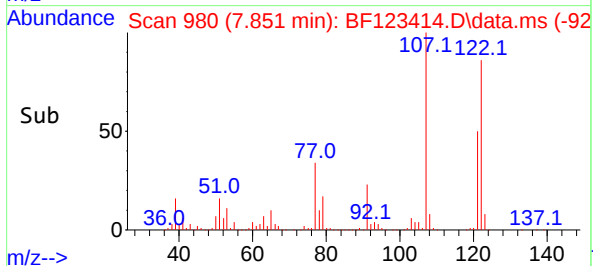
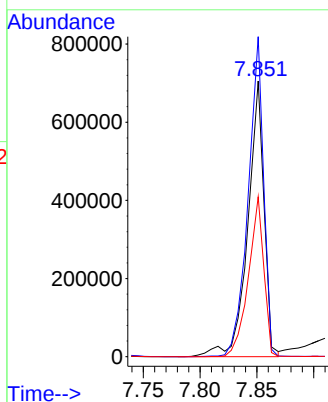
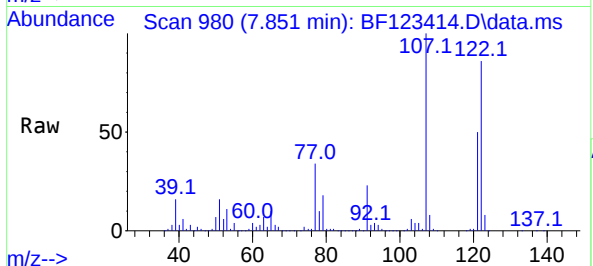
#27
2,4-Dimethylphenol
Concen: 43.31 ng
RT: 7.851 min Scan# 980
Delta R.T. 0.006 min
Lab File: BF123414.D
Acq: 23 Mar 2021 20:58

Tgt Ion:122 Resp: 701844
Ion Ratio Lower Upper
122 100
107 116.1 91.8 137.8
121 58.0 47.3 70.9

Instrument :
BNA_F
ClientSampleId :
SP-MANHOLEMSD

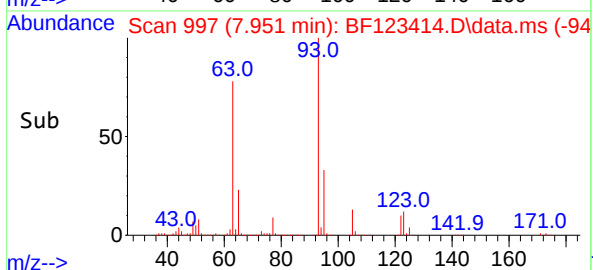
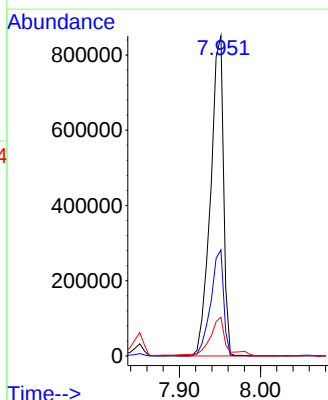
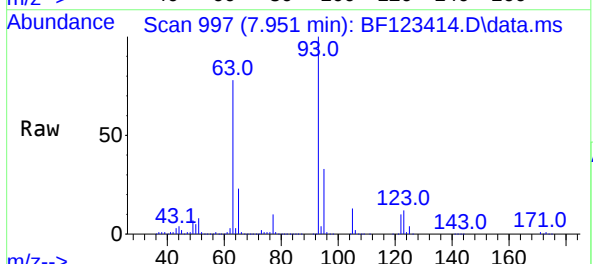
Manual Integrations
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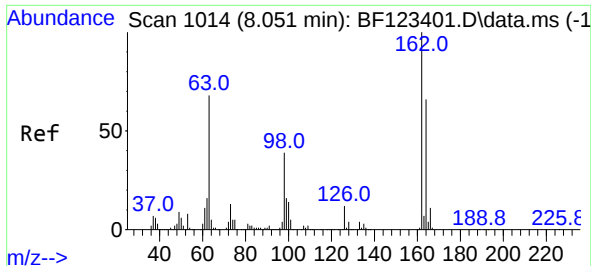
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#28
bis(2-Chloroethoxy)methane
Concen: 43.96 ng
RT: 7.951 min Scan# 997
Delta R.T. 0.006 min
Lab File: BF123414.D
Acq: 23 Mar 2021 20:58

Tgt Ion: 93 Resp: 939185
Ion Ratio Lower Upper
93 100
95 33.2 26.2 39.2
123 12.1 9.2 13.8





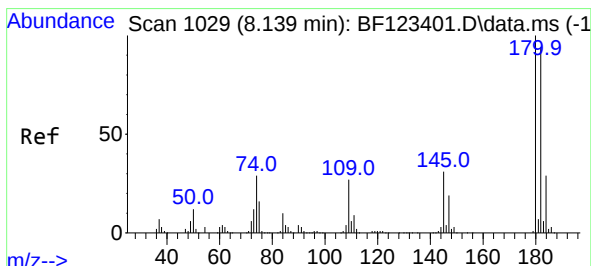
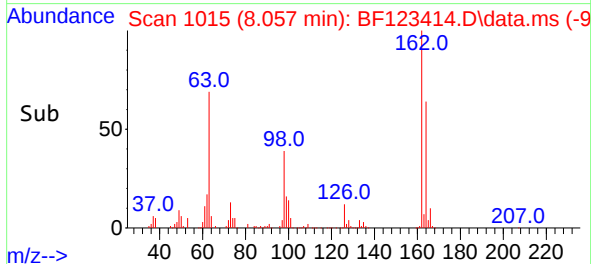
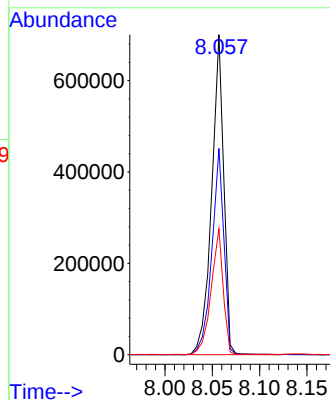
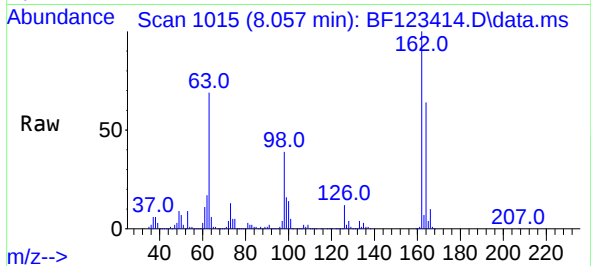
#29
2,4-Dichlorophenol
Concen: 39.17 ng
RT: 8.057 min Scan# 1015
Delta R.T. 0.006 min
Lab File: BF123414.D
Acq: 23 Mar 2021 20:58

Tgt Ion:162 Resp: 623038
Ion Ratio Lower Upper
162 100
164 64.5 43.2 83.2
98 39.4 15.2 55.2

Instrument :
BNA_F
ClientSampleId :
SP-MANHOLEMSD

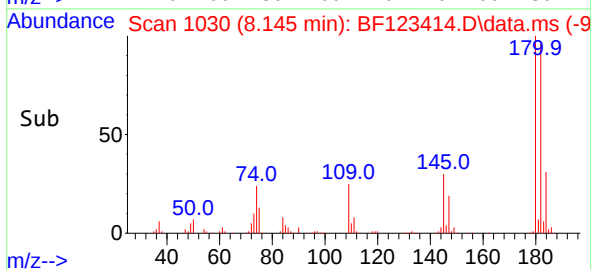
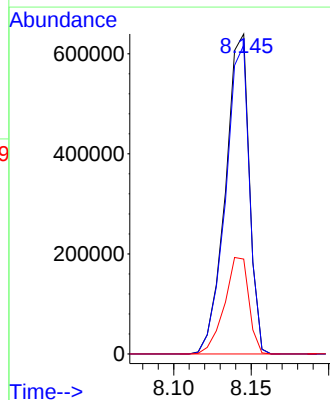
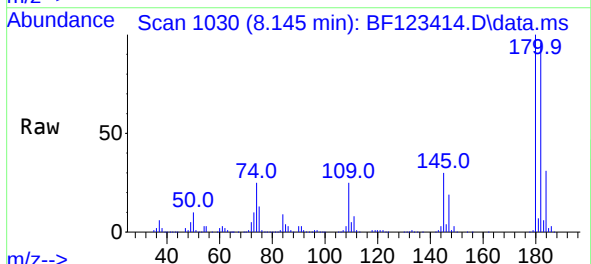
Manual Integrations
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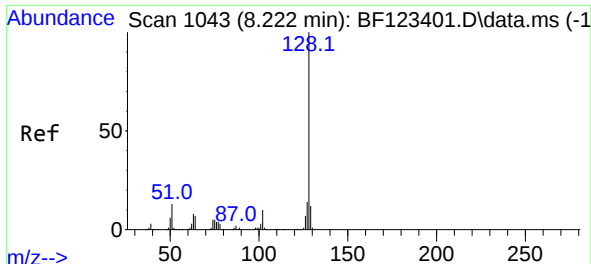
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#30
1,2,4-Trichlorobenzene
Concen: 39.53 ng
RT: 8.145 min Scan# 1030
Delta R.T. 0.006 min
Lab File: BF123414.D
Acq: 23 Mar 2021 20:58

Tgt Ion:180 Resp: 685882
Ion Ratio Lower Upper
180 100
182 96.5 75.7 113.5
145 29.6 25.0 37.4





#31
Naphthalene
Concen: 38.57 ng
RT: 8.228 min Scan# 1044
Delta R.T. 0.006 min
Lab File: BF123414.D
Acq: 23 Mar 2021 20:58

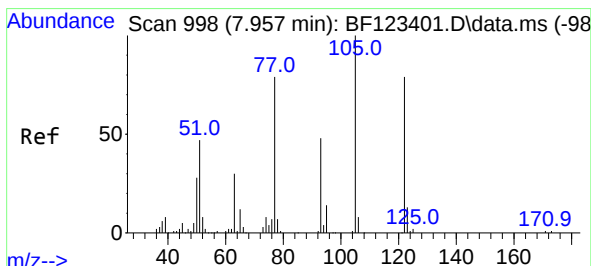
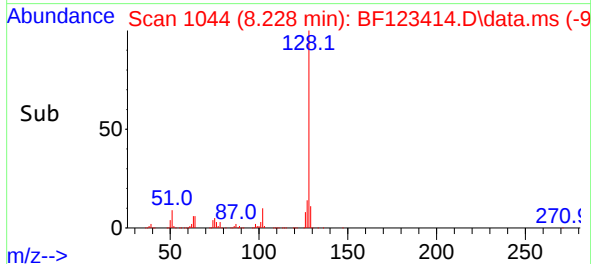
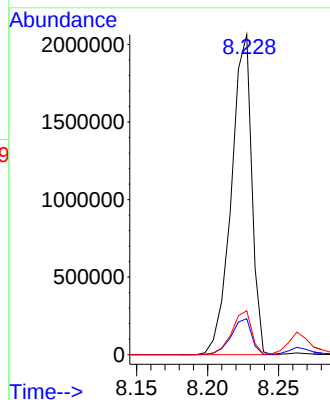
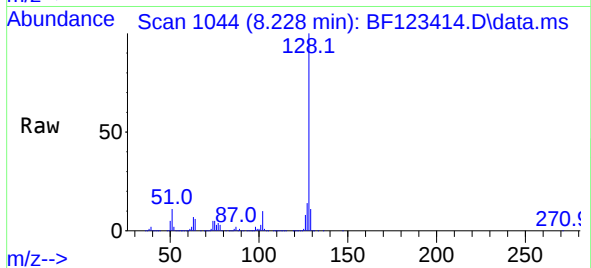
Tgt Ion:128 Resp: 2063901

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.6
127	13.8	10.7	16.1

Instrument :
BNA_F
ClientSampleId :
SP-MANHOLEMSD

Manual Integrations
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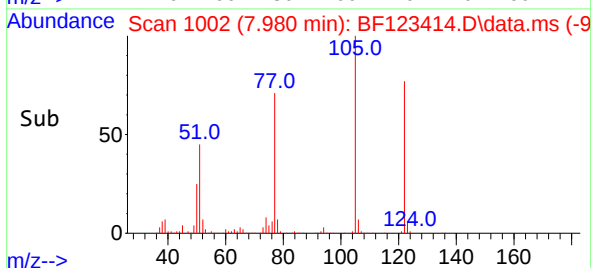
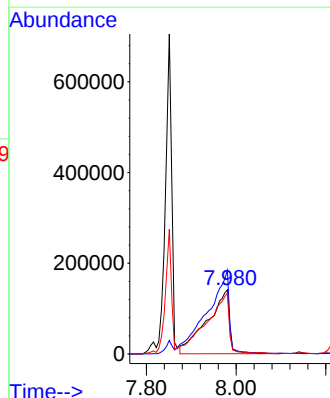
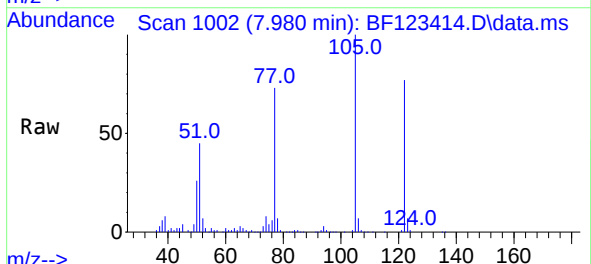
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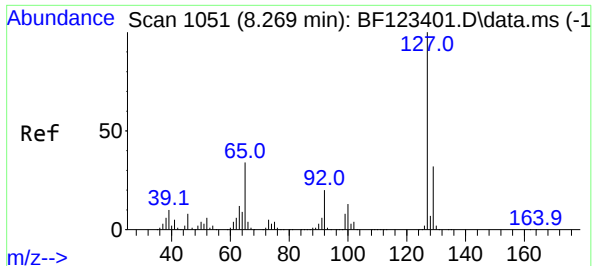


#32
Benzoic acid
Concen: 51.19 ng
RT: 7.980 min Scan# 1002
Delta R.T. 0.023 min
Lab File: BF123414.D
Acq: 23 Mar 2021 20:58

Tgt Ion:122 Resp: 489419

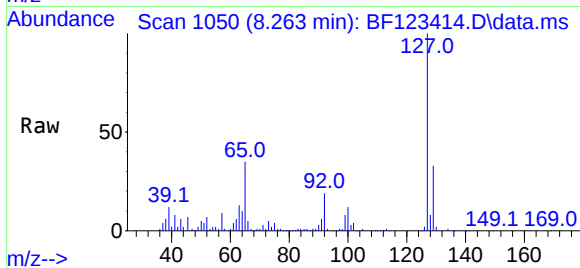
Ion	Ratio	Lower	Upper
122	100		
105	130.5	104.8	144.8
77	95.2	71.0	111.0





#33
4-Chloroaniline
Concen: 7.62 ng
RT: 8.263 min Scan# 1050
Delta R.T. -0.006 min
Lab File: BF123414.D
Acq: 23 Mar 2021 20:58

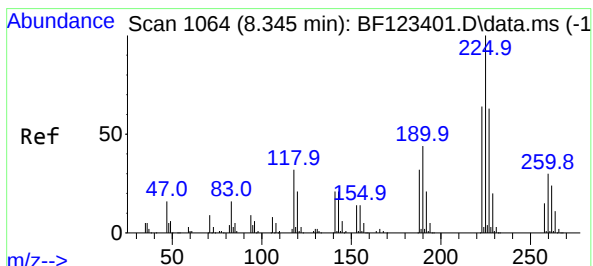
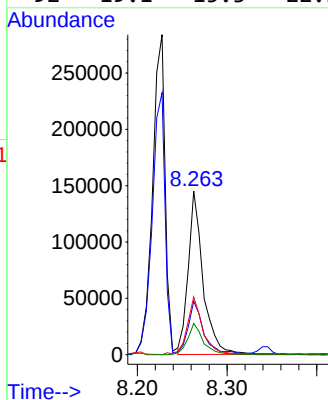
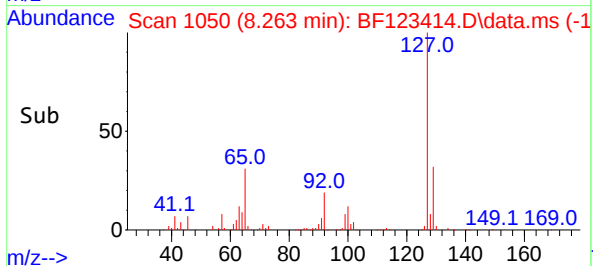
Instrument :
BNA_F
ClientSampleId :
SP-MANHOLEMSD



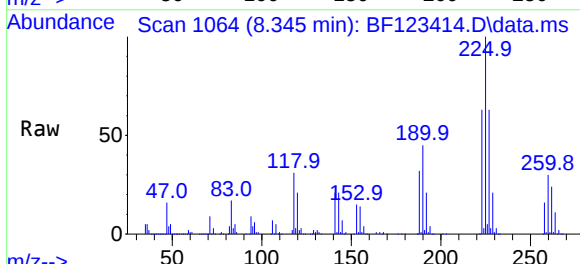
Tgt Ion:	127	Resp:	167315
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.2	39.2
65	35.3	22.2	33.2#
92	19.1	15.3	22.9

Manual Integrations
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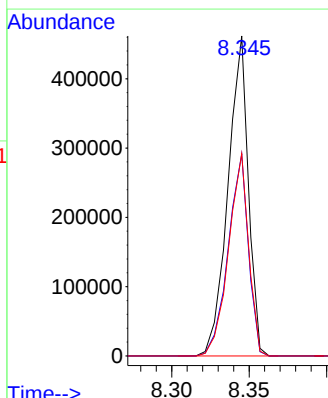
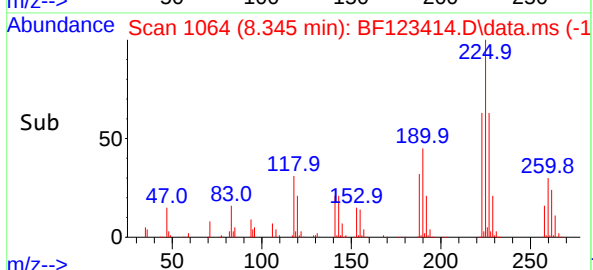
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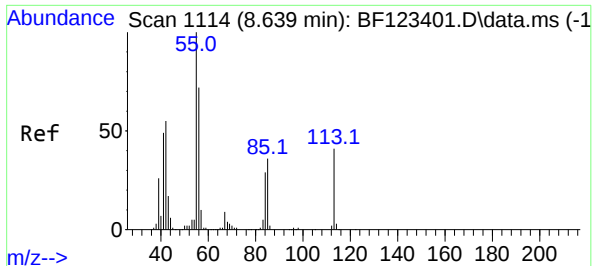


#34
Hexachlorobutadiene
Concen: 39.82 ng
RT: 8.345 min Scan# 1064
Delta R.T. -0.000 min
Lab File: BF123414.D
Acq: 23 Mar 2021 20:58



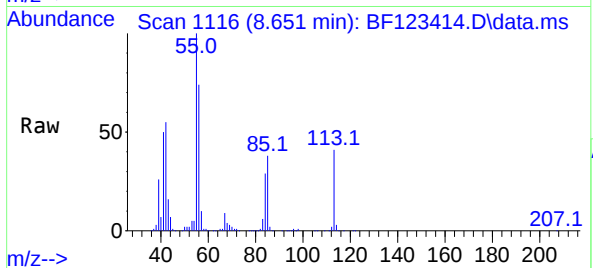
Tgt Ion:	225	Resp:	421433
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.7	76.1
227	63.2	51.7	77.5





#35
Caprolactam
Concen: 42.71 ng m
RT: 8.651 min Scan# 1116
Delta R.T. 0.012 min
Lab File: BF123414.D
Acq: 23 Mar 2021 20:58

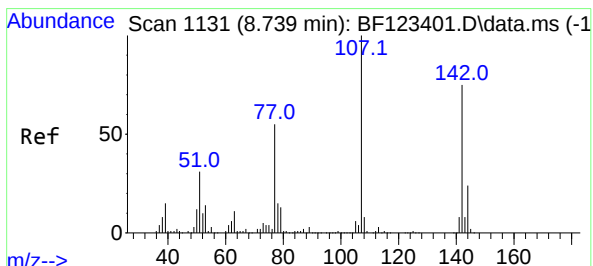
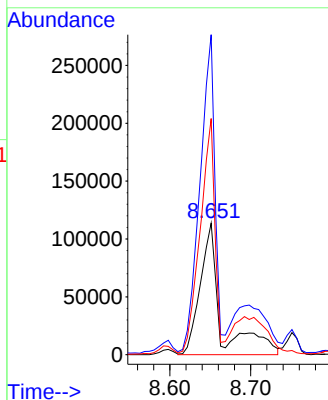
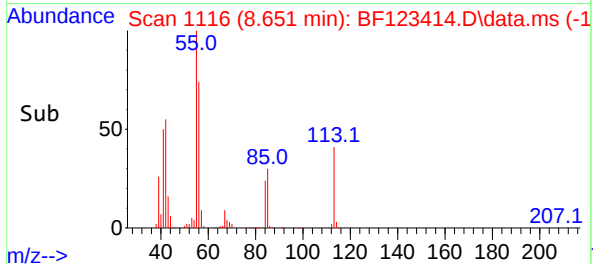
Instrument :
BNA_F
ClientSampleId :
SP-MANHOLEMSD



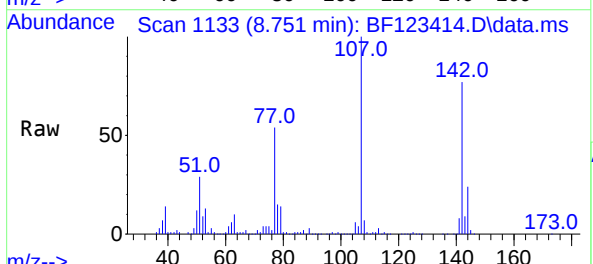
Tgt Ion:113 Resp: 204260
Ion Ratio Lower Upper
113 100
55 243.4 133.7 173.7#
56 179.6 95.3 135.3#

Manual Integrations
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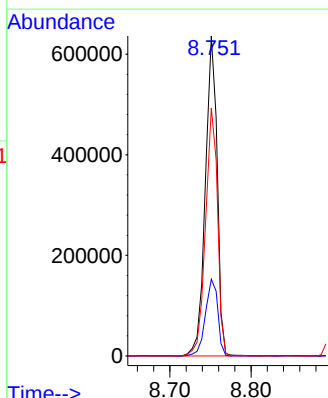
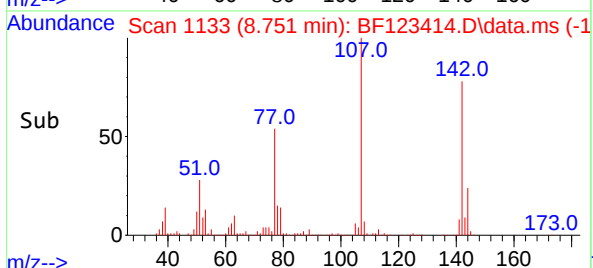
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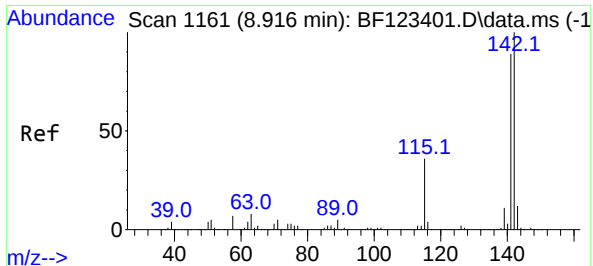


#36
4-Chloro-3-methylphenol
Concen: 38.48 ng
RT: 8.751 min Scan# 1133
Delta R.T. 0.012 min
Lab File: BF123414.D
Acq: 23 Mar 2021 20:58



Tgt Ion:107 Resp: 642396
Ion Ratio Lower Upper
107 100
144 24.0 20.2 30.2
142 77.5 64.4 96.6





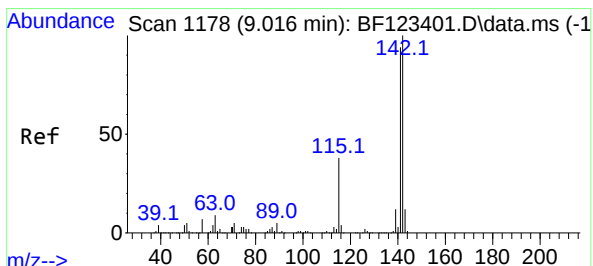
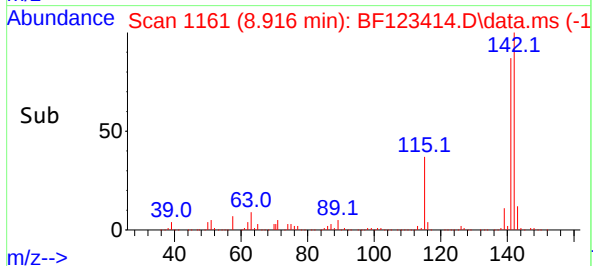
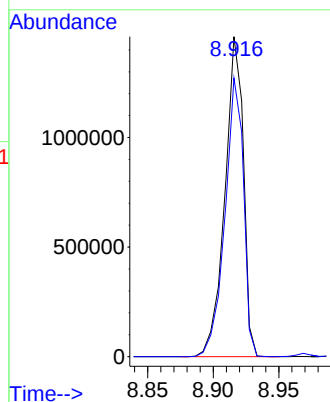
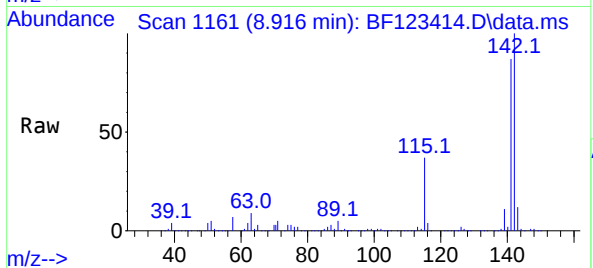
#37
2-Methylnaphthalene
Concen: 38.97 ng
RT: 8.916 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BF123414.D
Acq: 23 Mar 2021 20:58

Instrument :
BNA_F
ClientSampleId :
SP-MANHOLEMSD

Tgt Ion:142 Resp: 1429391
Ion Ratio Lower Upper
142 100
141 87.1 70.6 106.0

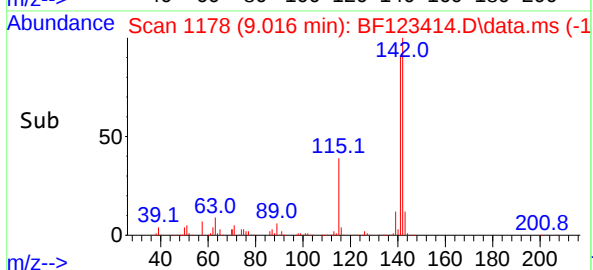
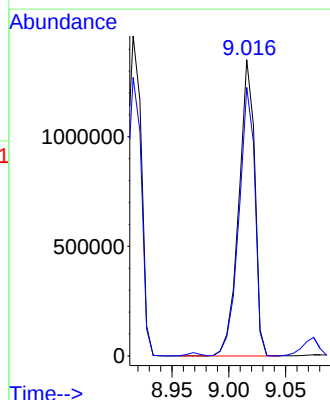
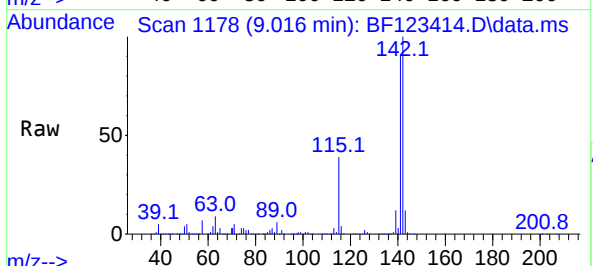
Manual Integrations
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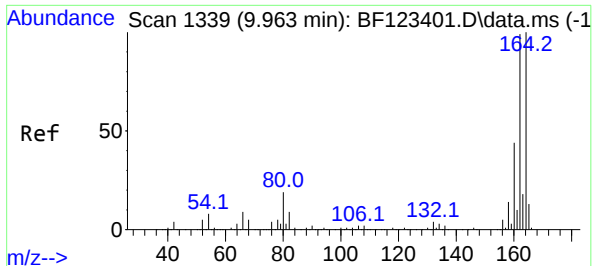
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#38
1-Methylnaphthalene
Concen: 38.33 ng
RT: 9.016 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF123414.D
Acq: 23 Mar 2021 20:58

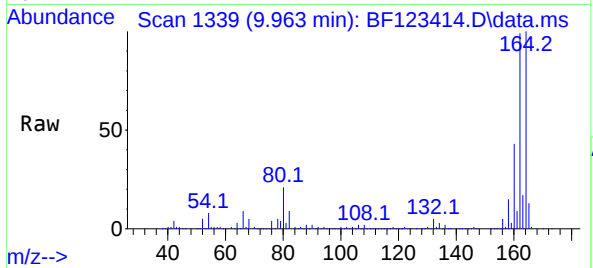
Tgt Ion:142 Resp: 1319826
Ion Ratio Lower Upper
142 100
141 90.6 74.5 111.7





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF123414.D
Acq: 23 Mar 2021 20:58

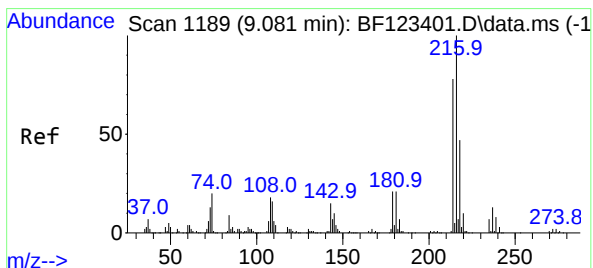
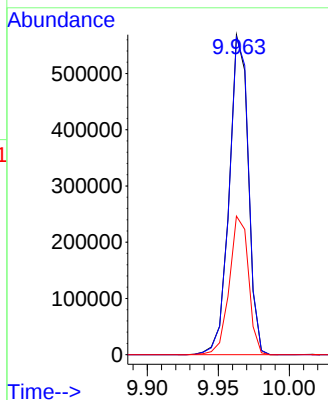
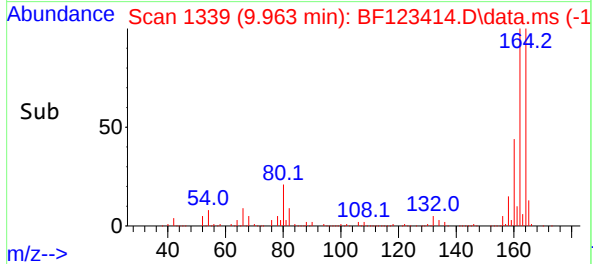
Instrument :
BNA_F
ClientSampleId :
SP-MANHOLEMSD



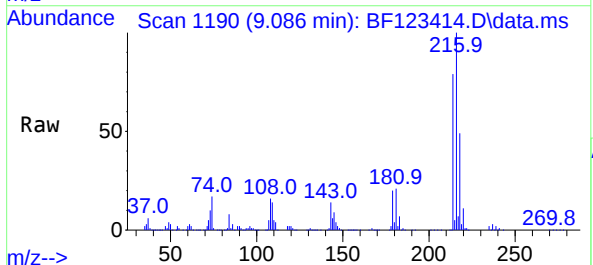
Tgt Ion:164 Resp: 531135
Ion Ratio Lower Upper
164 100
162 99.2 80.8 121.2
160 43.3 35.4 53.0

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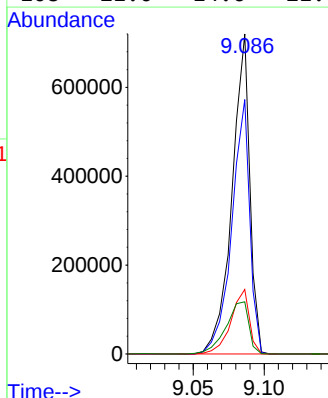
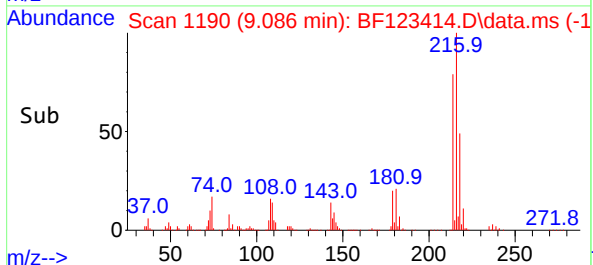
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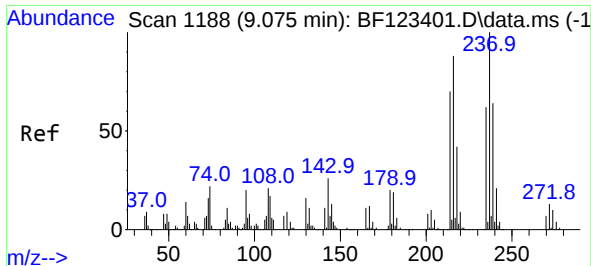


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.80 ng
RT: 9.086 min Scan# 1190
Delta R.T. 0.006 min
Lab File: BF123414.D
Acq: 23 Mar 2021 20:58



Tgt Ion:216 Resp: 628979
Ion Ratio Lower Upper
216 100
214 80.3 63.1 94.7
179 20.8 17.1 25.7
108 21.0 14.6 21.8





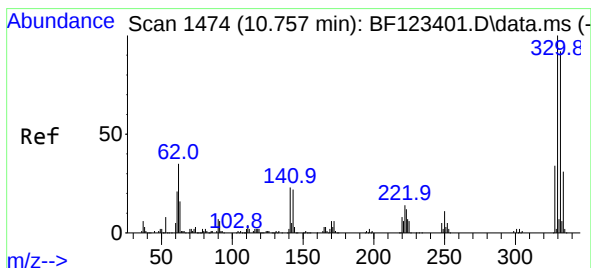
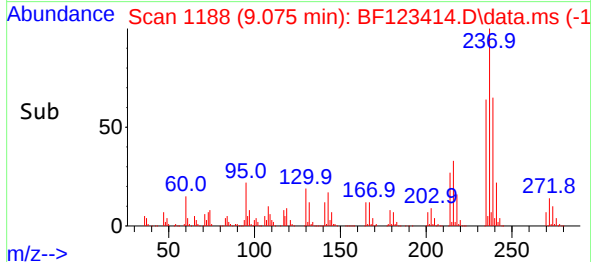
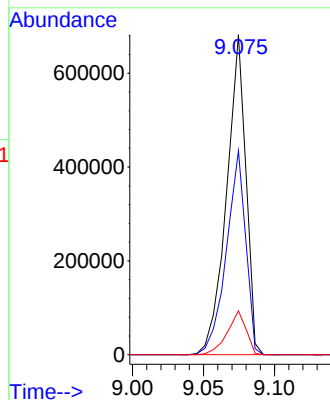
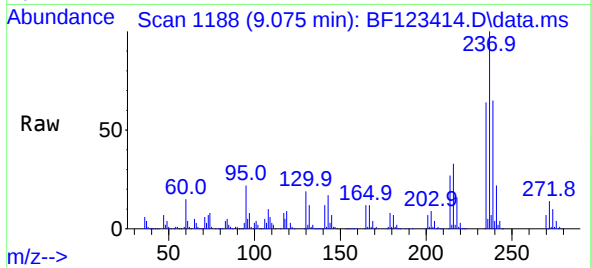
#41
Hexachlorocyclopentadiene
Concen: 73.10 ng
RT: 9.075 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BF123414.D
Acq: 23 Mar 2021 20:58

Tgt Ion:237 Resp: 645095
Ion Ratio Lower Upper
237 100
235 63.7 40.9 80.9
272 13.7 0.0 33.4

Instrument :
BNA_F
ClientSampleId :
SP-MANHOLEMSD

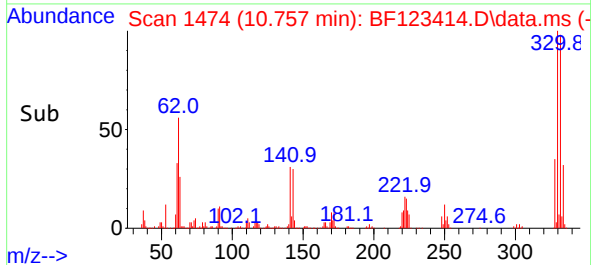
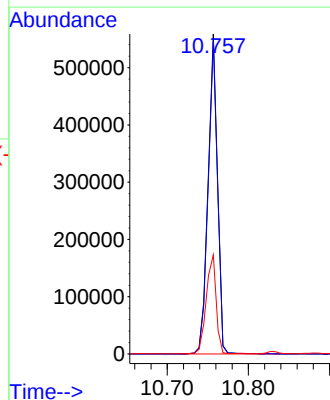
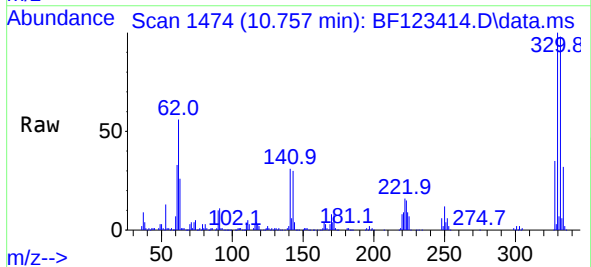
Manual Integrations
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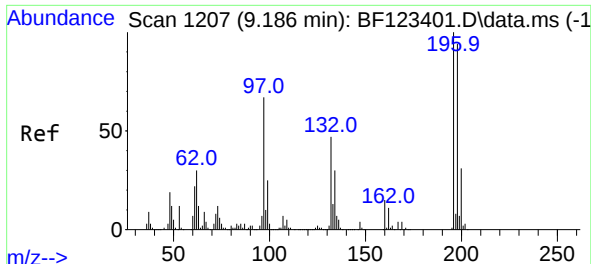
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#42
2,4,6-Tribromophenol
Concen: 75.83 ng
RT: 10.757 min Scan# 1474
Delta R.T. -0.000 min
Lab File: BF123414.D
Acq: 23 Mar 2021 20:58

Tgt Ion:330 Resp: 450287
Ion Ratio Lower Upper
330 100
332 97.4 77.5 116.3
141 32.8 23.8 35.8





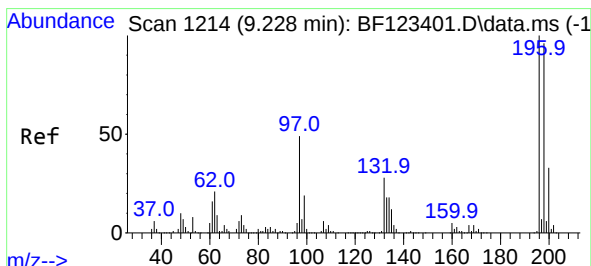
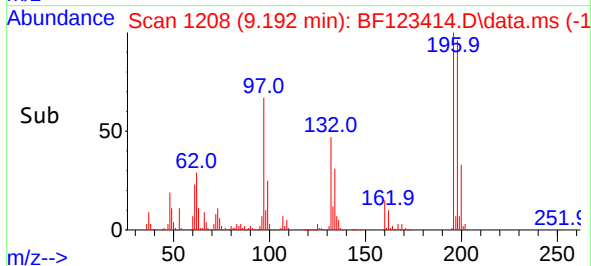
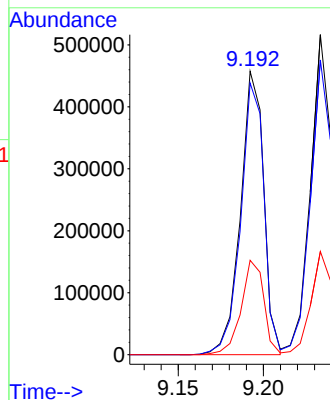
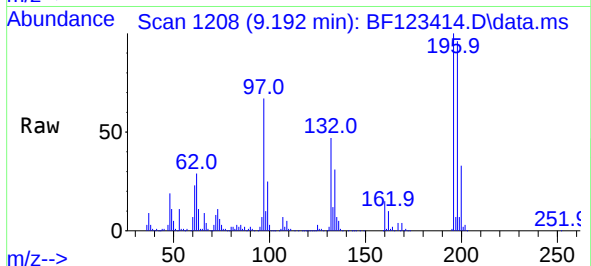
#43
2,4,6-Trichlorophenol
Concen: 39.23 ng
RT: 9.192 min Scan# 1208
Delta R.T. 0.006 min
Lab File: BF123414.D
Acq: 23 Mar 2021 20:58

Tgt Ion:196 Resp: 434160
Ion Ratio Lower Upper
196 100
198 95.9 75.1 112.7
200 33.3 23.7 35.5

Instrument :
BNA_F
ClientSampleId :
SP-MANHOLEMSD

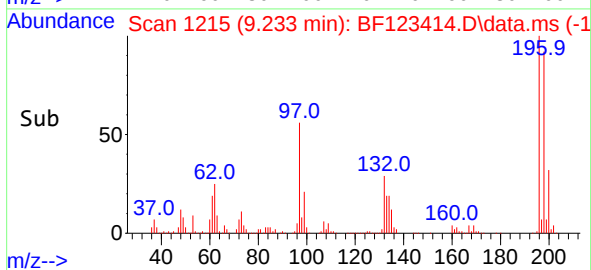
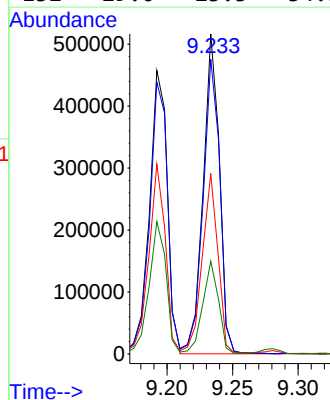
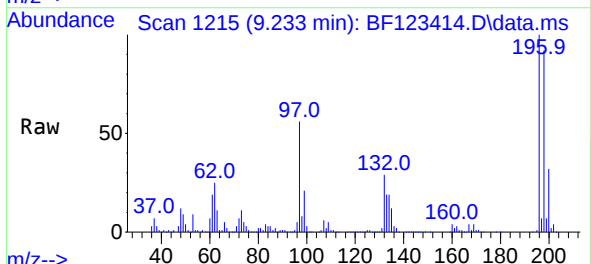
Manual Integrations
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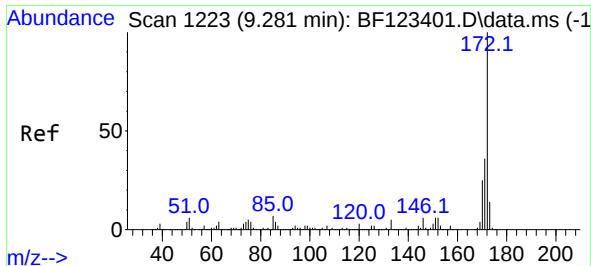
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#44
2,4,5-Trichlorophenol
Concen: 38.44 ng
RT: 9.233 min Scan# 1215
Delta R.T. 0.006 min
Lab File: BF123414.D
Acq: 23 Mar 2021 20:58

Tgt Ion:196 Resp: 447055
Ion Ratio Lower Upper
196 100
198 92.1 76.5 114.7
97 56.4 40.1 60.1
132 29.0 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 53.11 ng

RT: 9.280 min Scan# 1223

Delta R.T. -0.001 min

Lab File: BF123414.D

Acq: 23 Mar 2021 20:58

Tgt Ion:172 Resp: 1974476

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.6	44.4
170	24.0	19.5	29.3

Instrument :

BNA_F

ClientSampleId :

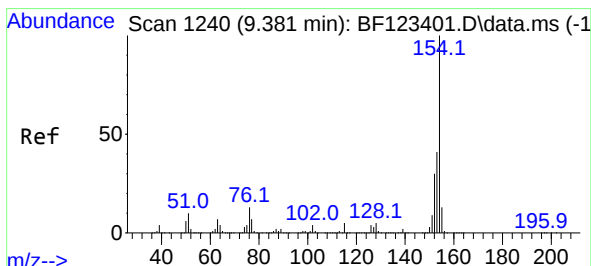
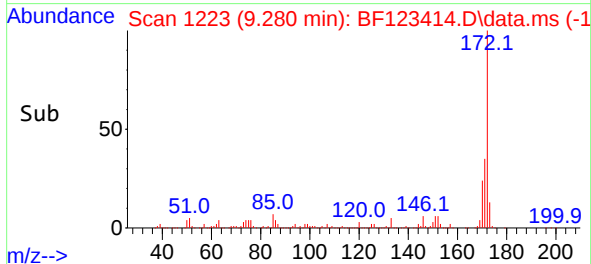
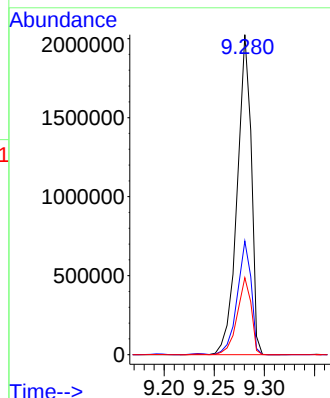
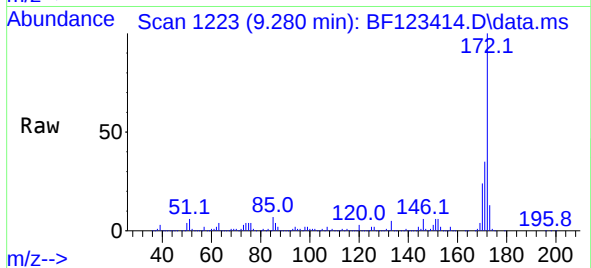
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#46

1,1'-Biphenyl

Concen: 40.62 ng

RT: 9.386 min Scan# 1241

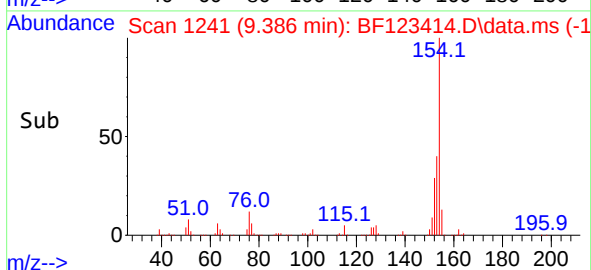
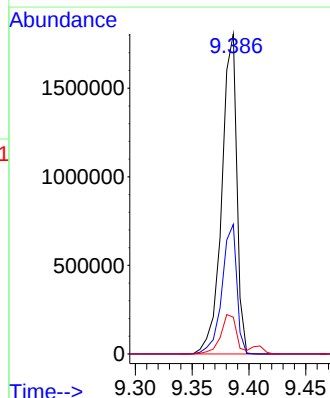
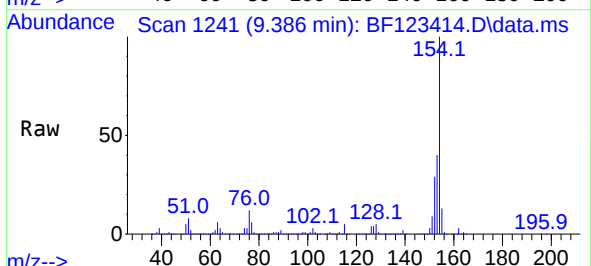
Delta R.T. 0.006 min

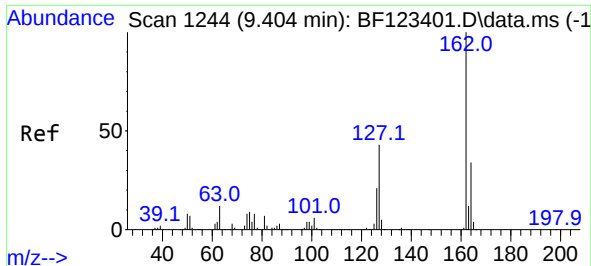
Lab File: BF123414.D

Acq: 23 Mar 2021 20:58

Tgt Ion:154 Resp: 1662764

Ion	Ratio	Lower	Upper
154	100		
153	40.5	21.8	61.8
76	11.5	0.0	33.4





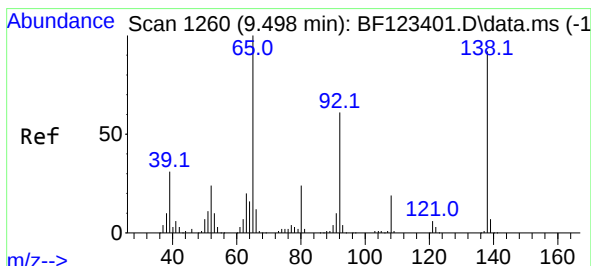
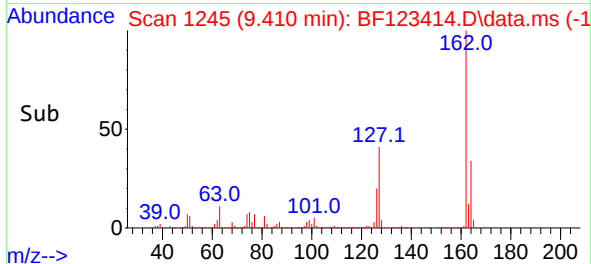
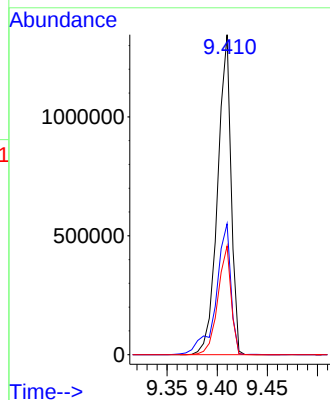
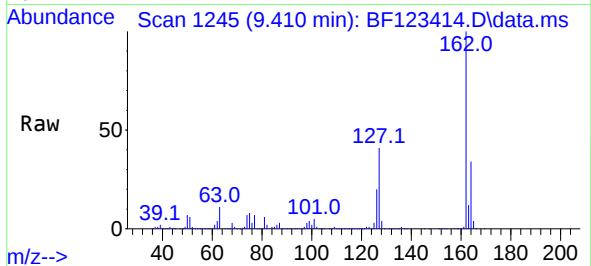
#47
2-Chloronaphthalene
Concen: 37.41 ng
RT: 9.410 min Scan# 1245
Delta R.T. 0.006 min
Lab File: BF123414.D
Acq: 23 Mar 2021 20:58

Instrument :
BNA_F
ClientSampleId :
SP-MANHOLEMSD

Tgt Ion:162 Resp: 1249344
Ion Ratio Lower Upper
162 100
127 40.9 33.8 50.8
164 33.9 26.5 39.7

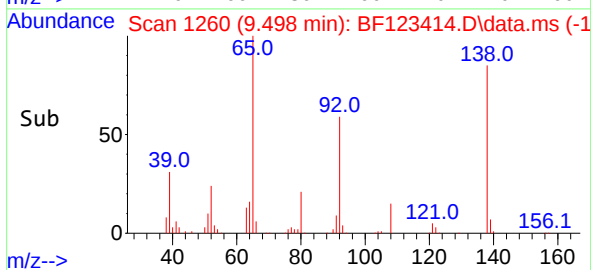
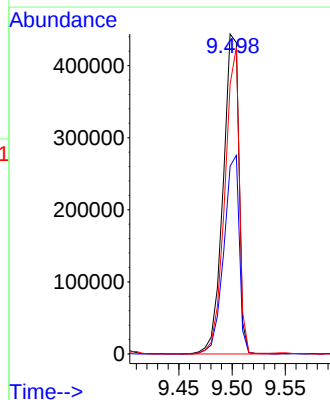
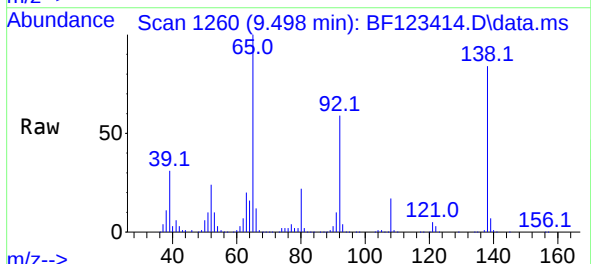
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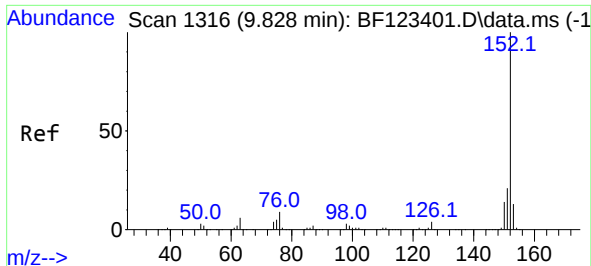
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#48
2-Nitroaniline
Concen: 45.28 ng
RT: 9.498 min Scan# 1260
Delta R.T. -0.000 min
Lab File: BF123414.D
Acq: 23 Mar 2021 20:58

Tgt Ion: 65 Resp: 458855
Ion Ratio Lower Upper
65 100
92 58.7 60.0 90.0#
138 84.3 100.6 151.0#





#49

Acenaphthylene

Concen: 39.51 ng

RT: 9.827 min Scan# 1316

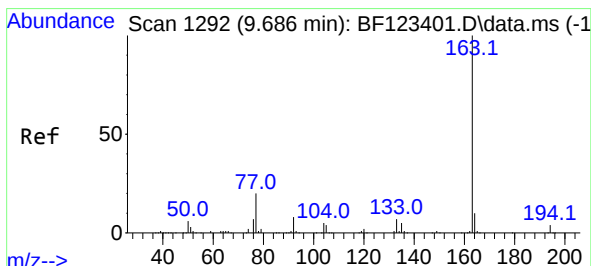
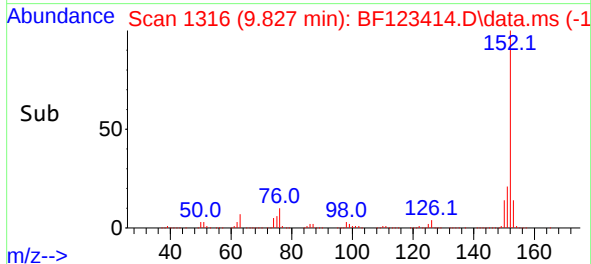
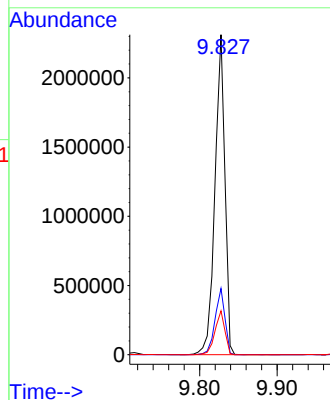
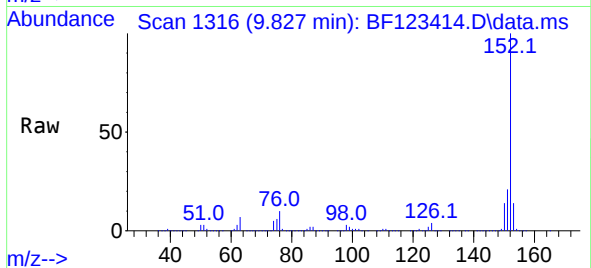
Delta R.T. -0.000 min

Lab File: BF123414.D

Acq: 23 Mar 2021 20:58

Tgt Ion:152 Resp: 2063557

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.6	25.0
153	13.7	10.9	16.3



#50

Dimethylphthalate

Concen: 40.90 ng

RT: 9.686 min Scan# 1292

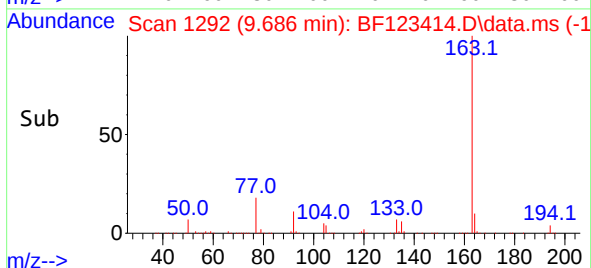
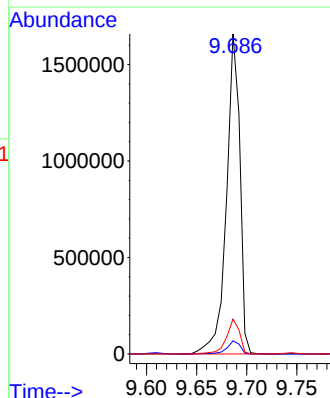
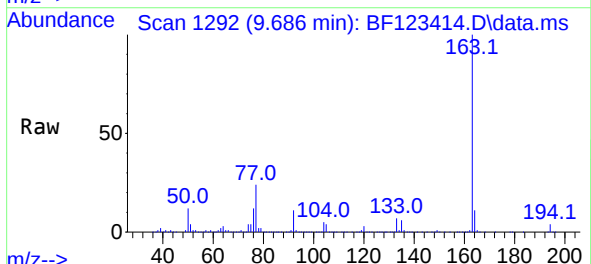
Delta R.T. -0.000 min

Lab File: BF123414.D

Acq: 23 Mar 2021 20:58

Tgt Ion:163 Resp: 1542917

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.9	8.1	12.1



Instrument :

BNA_F

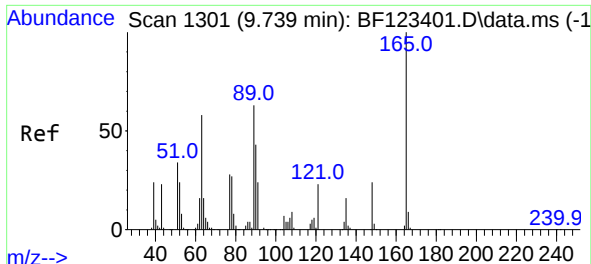
ClientSampleId :

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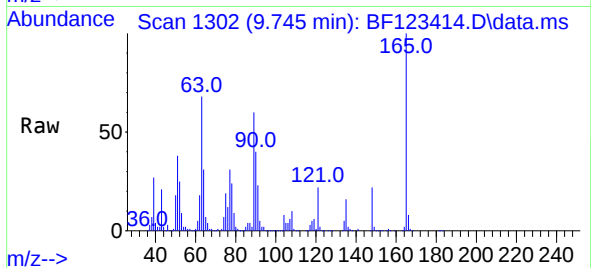
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#51
2,6-Dinitrotoluene
Concen: 41.70 ng
RT: 9.745 min Scan# 1302
Delta R.T. 0.006 min
Lab File: BF123414.D
Acq: 23 Mar 2021 20:58

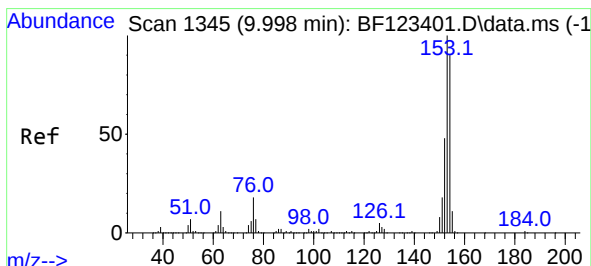
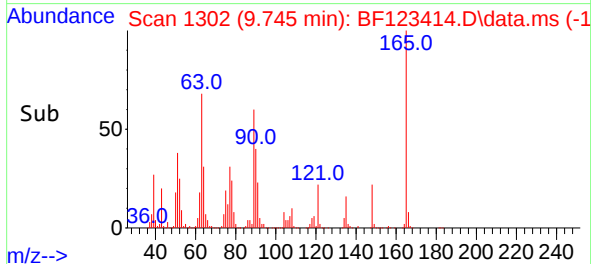
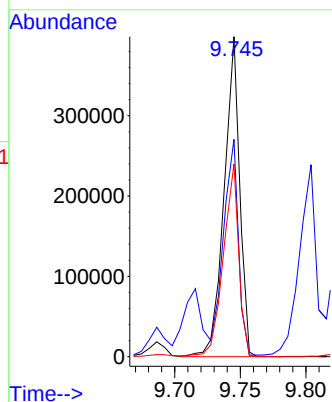
Instrument :
BNA_F
ClientSampleId :
SP-MANHOLEMSD



Tgt Ion:165 Resp: 328593
Ion Ratio Lower Upper
165 100
63 67.9 36.6 55.0#
89 60.2 39.4 59.0#

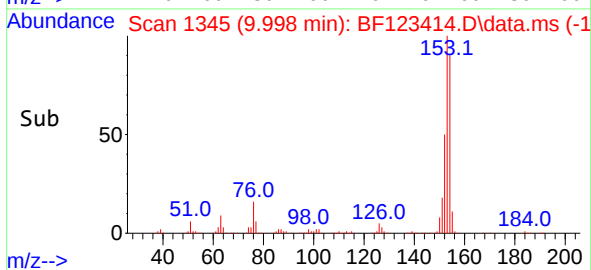
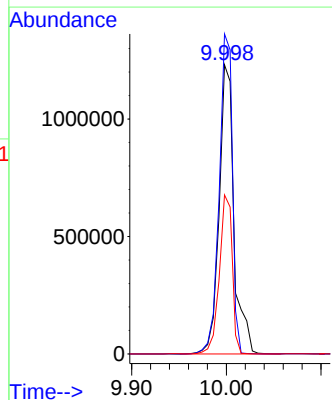
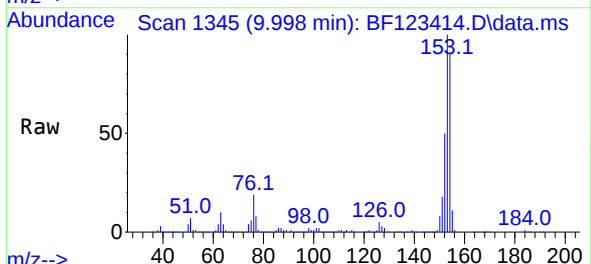
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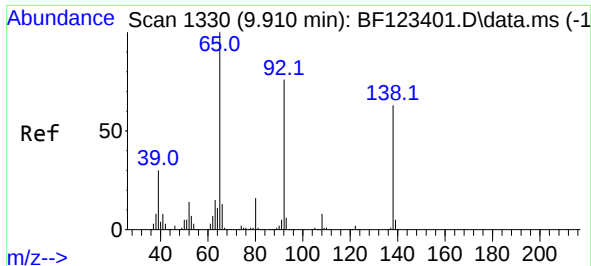
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#52
Acenaphthene
Concen: 41.13 ng
RT: 9.998 min Scan# 1345
Delta R.T. -0.000 min
Lab File: BF123414.D
Acq: 23 Mar 2021 20:58

Tgt Ion:154 Resp: 1340894
Ion Ratio Lower Upper
154 100
153 110.6 89.0 133.6
152 55.0 42.7 64.1





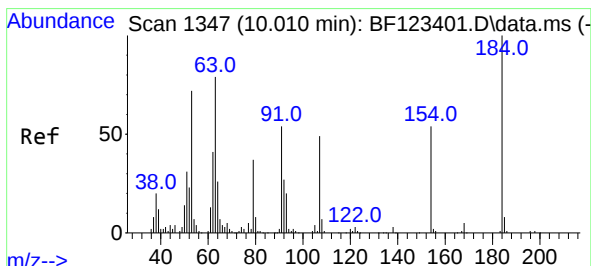
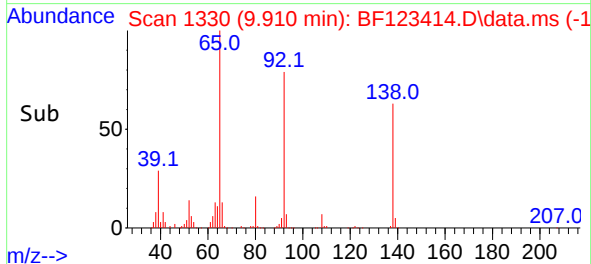
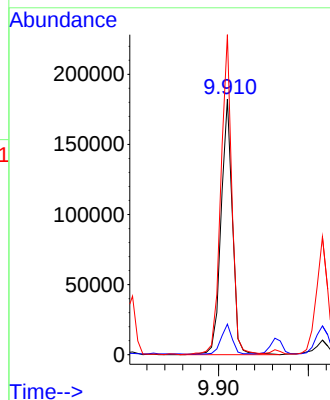
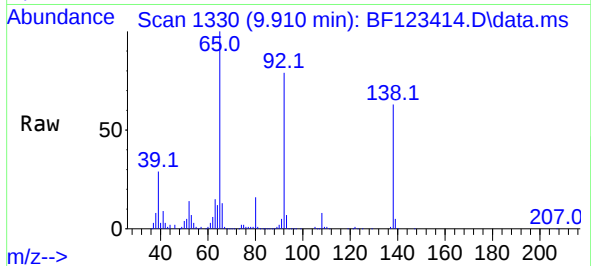
#53
3-Nitroaniline
Concen: 19.17 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BF123414.D
Acq: 23 Mar 2021 20:58

Tgt Ion:138 Resp: 159528
Ion Ratio Lower Upper
138 100
108 12.0 8.2 12.2
92 125.2 85.4 128.2

Instrument :
BNA_F
ClientSampleId :
SP-MANHOLEMSD

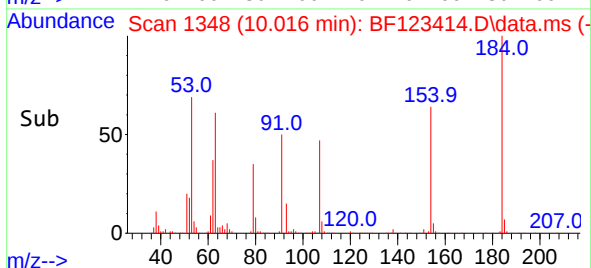
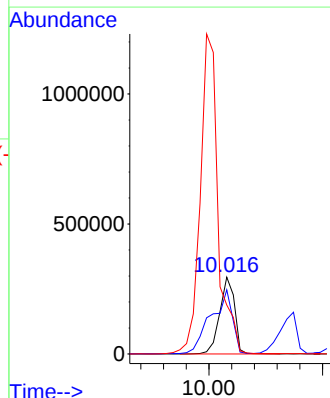
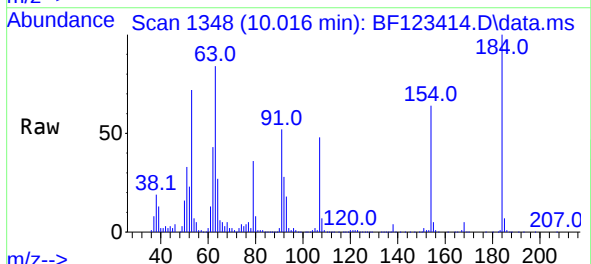
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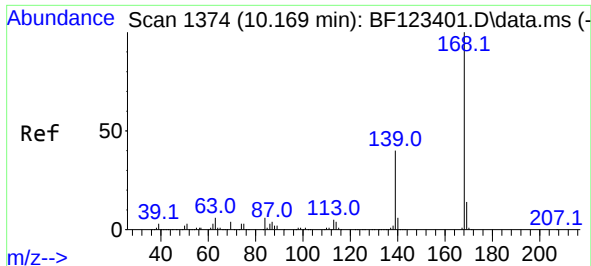
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#54
2,4-Dinitrophenol
Concen: 72.77 ng
RT: 10.016 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF123414.D
Acq: 23 Mar 2021 20:58

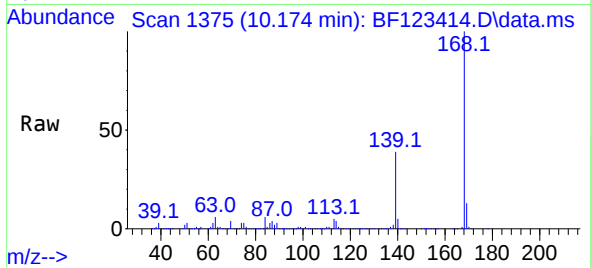
Tgt Ion:184 Resp: 269610
Ion Ratio Lower Upper
184 100
63 83.5 51.4 77.2#
154 63.8 49.7 74.5





#55
Dibenzenofuran
Concen: 36.24 ng
RT: 10.174 min Scan# 1375
Delta R.T. 0.006 min
Lab File: BF123414.D
Acq: 23 Mar 2021 20:58

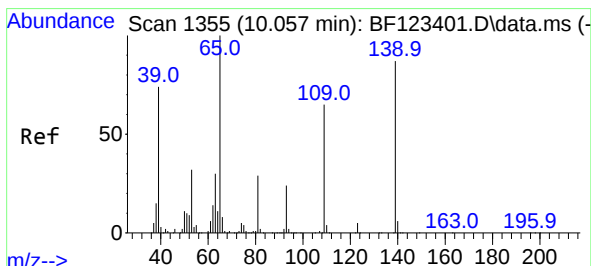
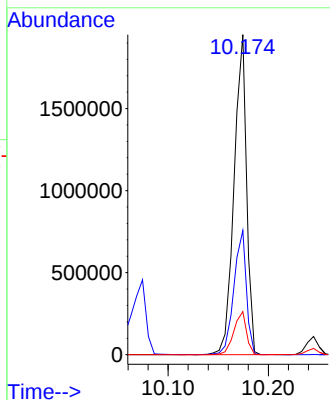
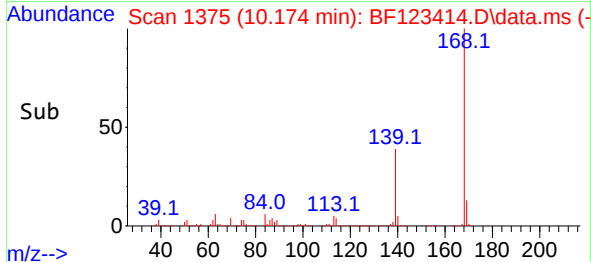
Instrument :
BNA_F
ClientSampleId :
SP-MANHOLEMSD



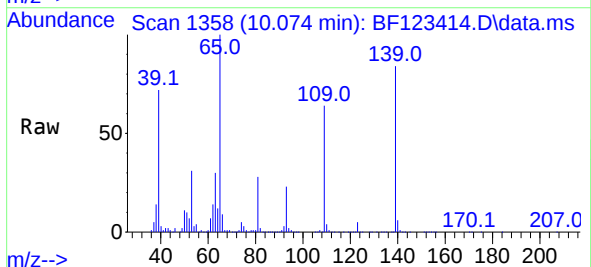
Tgt Ion:168 Resp: 1698878
Ion Ratio Lower Upper
168 100
139 38.8 31.3 46.9
169 13.5 11.2 16.8

Manual Integrations
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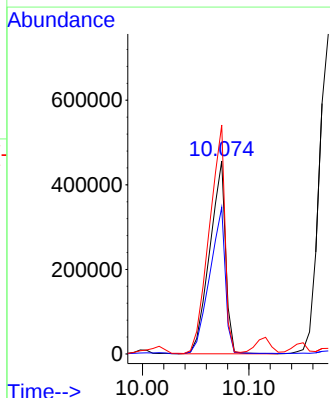
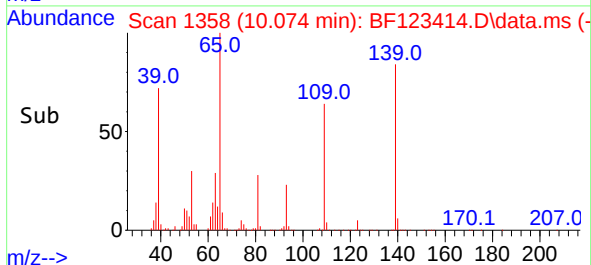
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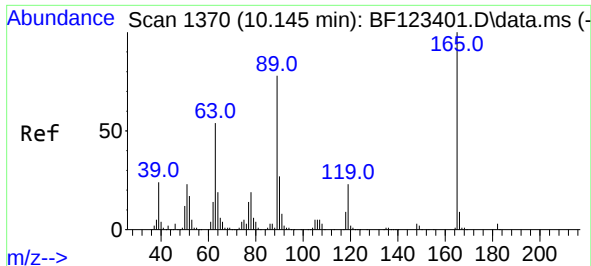


#56
4-Nitrophenol
Concen: 70.01 ng
RT: 10.074 min Scan# 1358
Delta R.T. 0.017 min
Lab File: BF123414.D
Acq: 23 Mar 2021 20:58

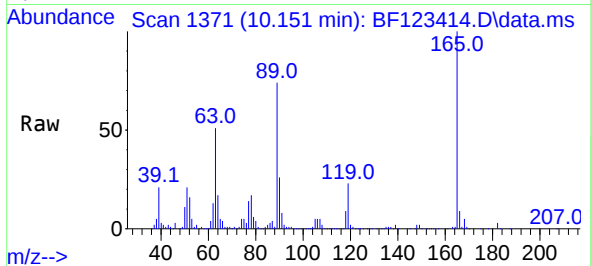


Tgt Ion:139 Resp: 469924
Ion Ratio Lower Upper
139 100
109 75.9 45.1 85.1
65 118.6 59.2 99.2#

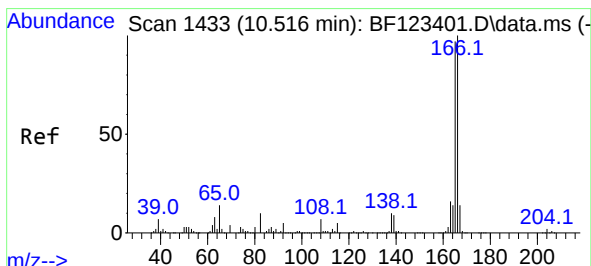
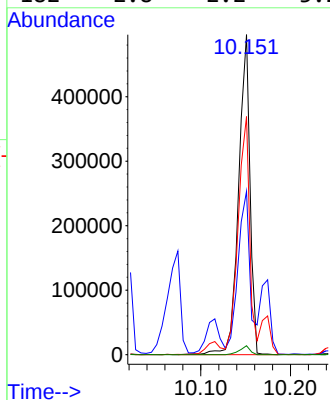
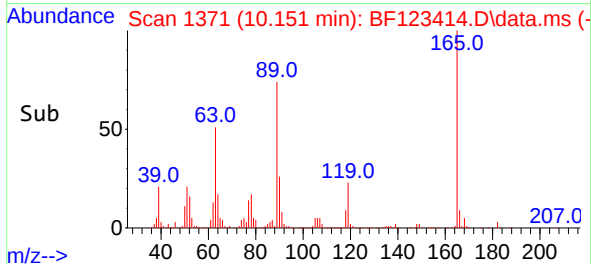




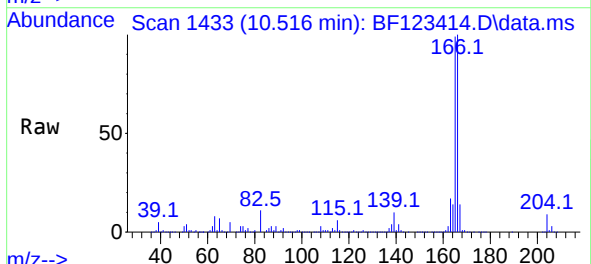
#57
2,4-Dinitrotoluene
Concen: 44.44 ng
RT: 10.151 min Scan# 1371
Delta R.T. 0.006 min
Lab File: BF123414.D
Acq: 23 Mar 2021 20:58



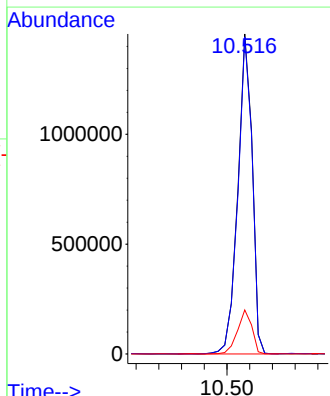
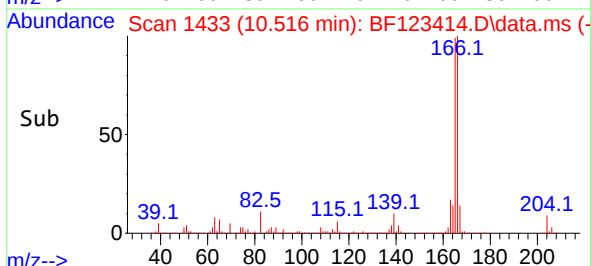
Tgt Ion:165 Resp: 437101
Ion Ratio Lower Upper
165 100
63 51.1 34.3 51.5
89 74.4 55.2 82.8
182 2.8 2.2 3.2



#58
Fluorene
Concen: 36.01 ng
RT: 10.516 min Scan# 1433
Delta R.T. -0.000 min
Lab File: BF123414.D
Acq: 23 Mar 2021 20:58



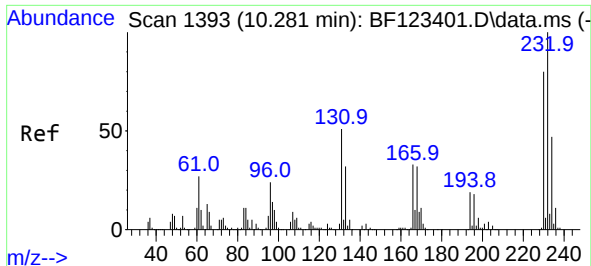
Tgt Ion:166 Resp: 1274389
Ion Ratio Lower Upper
166 100
165 99.1 79.4 119.0
167 13.7 10.9 16.3



Instrument :
BNA_F
ClientSampleId :
SP-MANHOLEMSD

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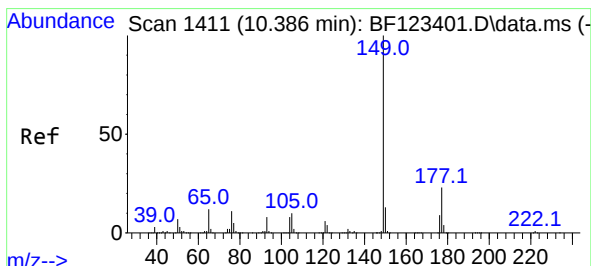
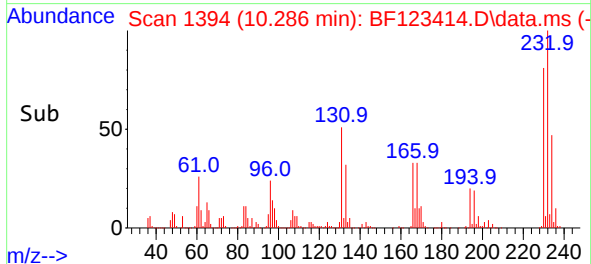
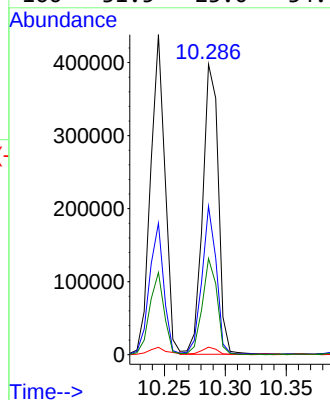
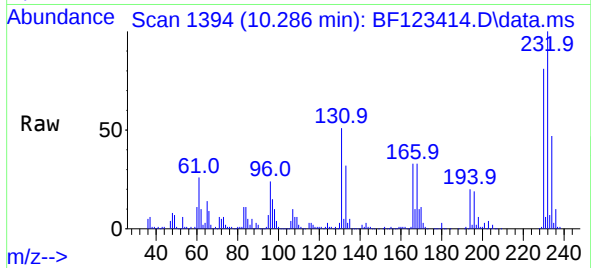
#59
2,3,4,6-Tetrachlorophenol
Concen: 37.43 ng
RT: 10.286 min Scan# 1394
Delta R.T. 0.006 min
Lab File: BF123414.D
Acq: 23 Mar 2021 20:58

Tgt Ion:232 Resp: 355314
Ion Ratio Lower Upper
232 100
131 47.3 33.0 49.4
130 2.7 1.7 2.5#
166 31.5 23.0 34.4

Instrument :
BNA_F
ClientSampleId :
SP-MANHOLEMSD

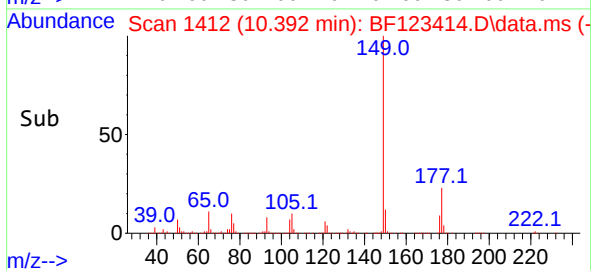
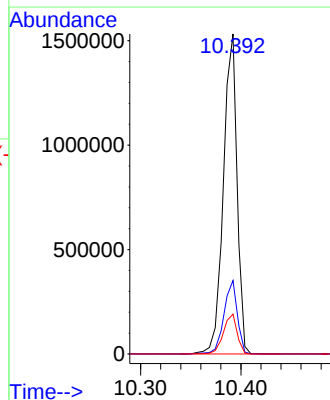
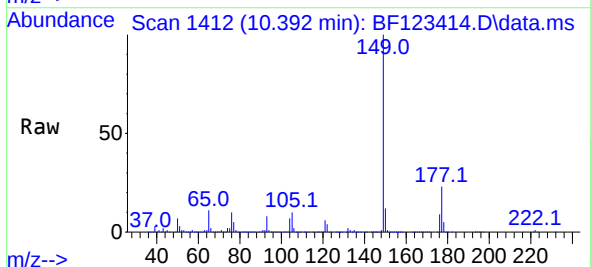
Manual Integrations
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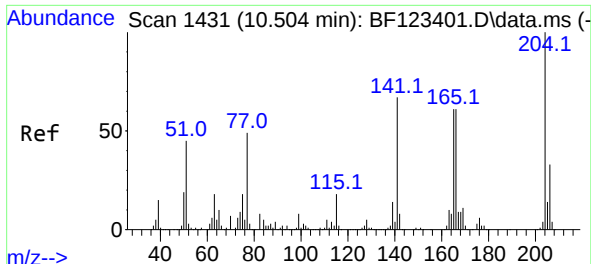
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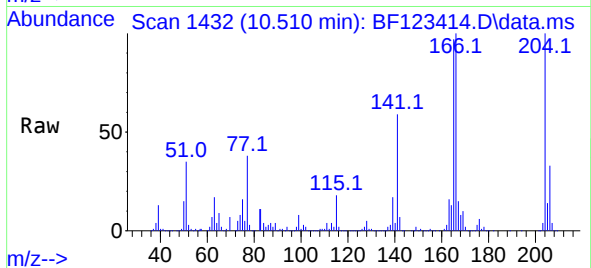
#60
Diethylphthalate
Concen: 39.31 ng
RT: 10.392 min Scan# 1412
Delta R.T. 0.006 min
Lab File: BF123414.D
Acq: 23 Mar 2021 20:58

Tgt Ion:149 Resp: 1447550
Ion Ratio Lower Upper
149 100
177 23.0 18.2 27.4
150 12.4 10.1 15.1

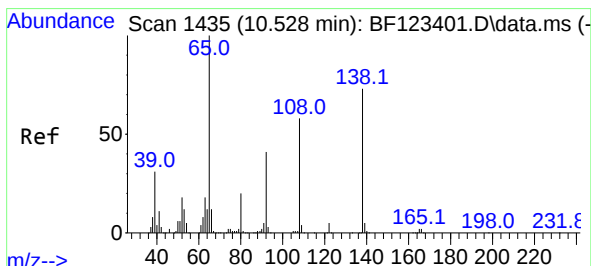
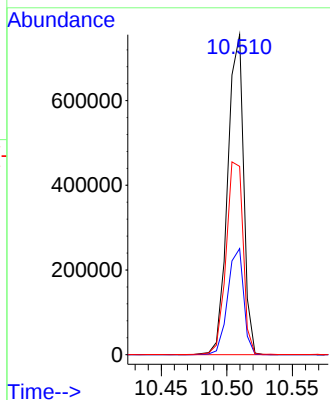
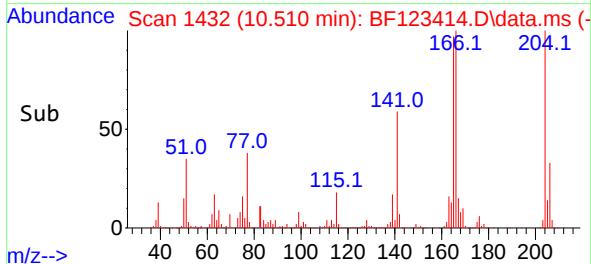




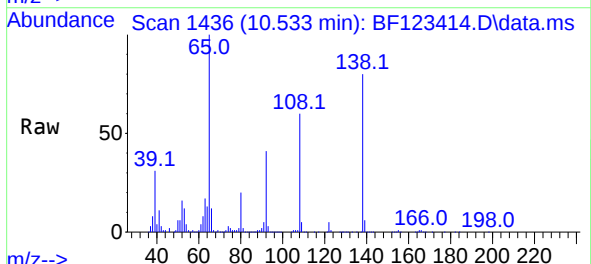
#61
4-Chlorophenyl-phenylether
Concen: 36.94 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF123414.D
Acq: 23 Mar 2021 20:58



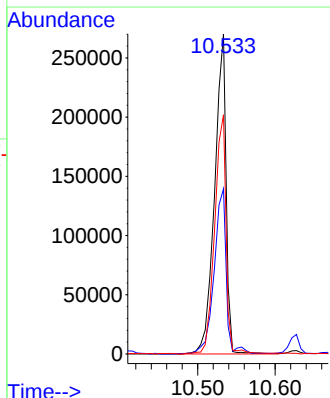
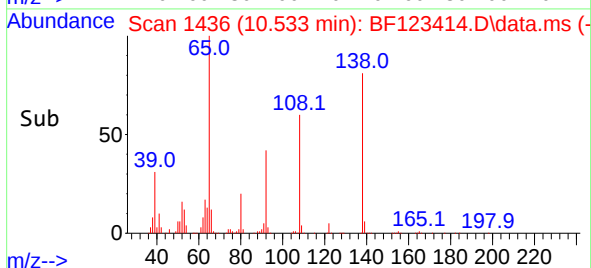
Tgt Ion:204 Resp: 638920
Ion Ratio Lower Upper
204 100
206 33.1 27.0 40.4
141 58.8 50.4 75.6



#62
4-Nitroaniline
Concen: 35.33 ng
RT: 10.533 min Scan# 1436
Delta R.T. 0.006 min
Lab File: BF123414.D
Acq: 23 Mar 2021 20:58



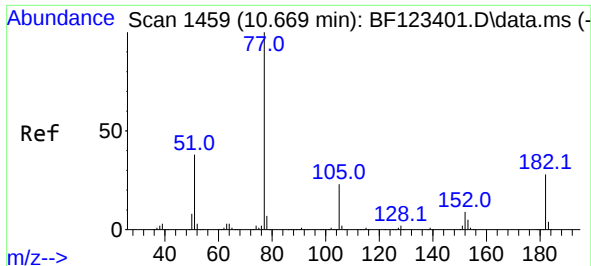
Tgt Ion:138 Resp: 278617
Ion Ratio Lower Upper
138 100
92 51.6 31.0 71.0
108 74.8 54.8 94.8



Instrument :
BNA_F
ClientSampleId :
SP-MANHOLEMSD

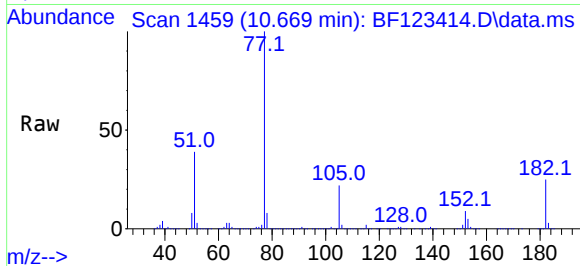
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#63
Azobenzene
Concen: 35.70 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.000 min
Lab File: BF123414.D
Acq: 23 Mar 2021 20:58

Instrument :
BNA_F
ClientSampleId :
SP-MANHOLEMSD

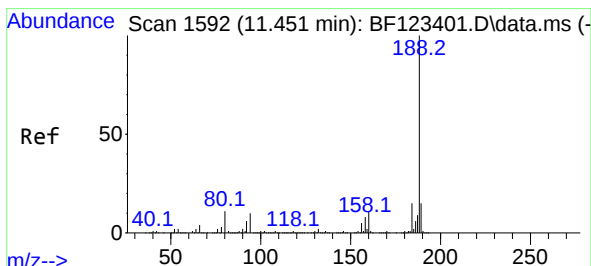
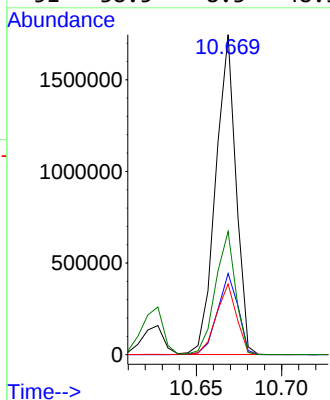
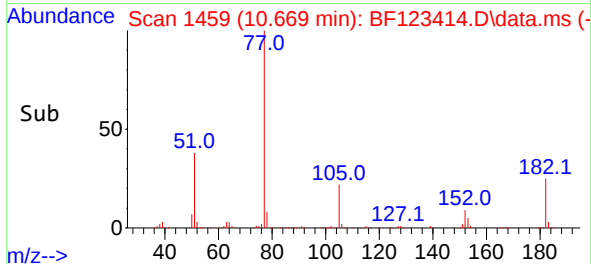


Tgt Ion: 77 Resp: 1446896

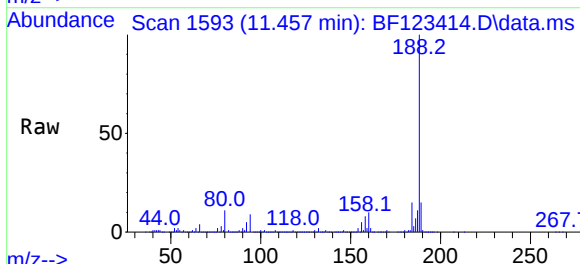
Ion	Ratio	Lower	Upper
77	100		
182	25.4	5.6	45.6
105	22.1	1.8	41.8
51	38.5	8.3	48.3

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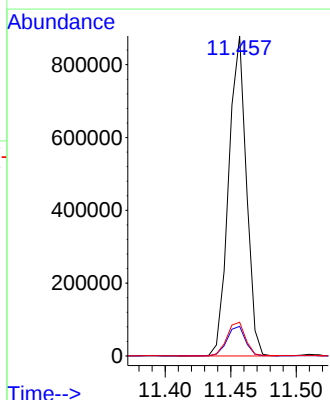
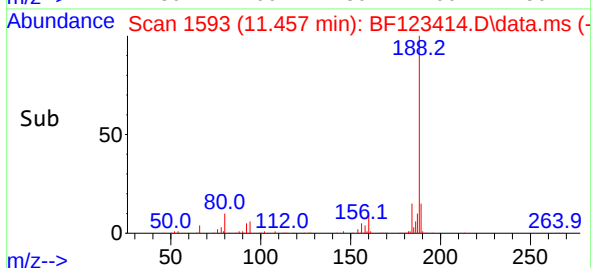


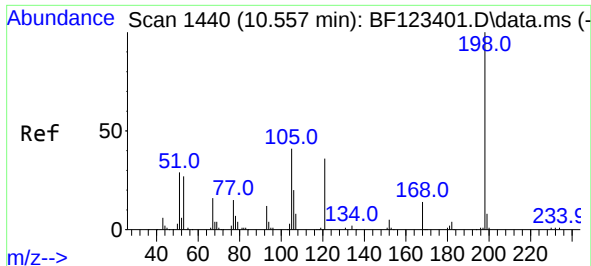
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.457 min Scan# 1593
Delta R.T. 0.006 min
Lab File: BF123414.D
Acq: 23 Mar 2021 20:58



Tgt Ion: 188 Resp: 825991

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.4	11.2
80	10.6	8.2	12.4





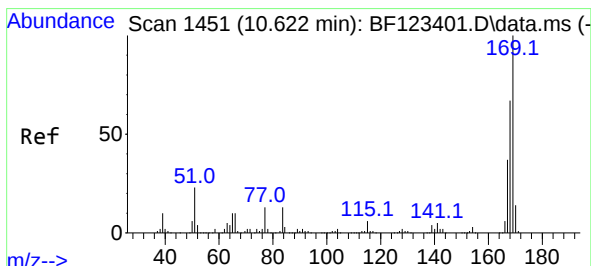
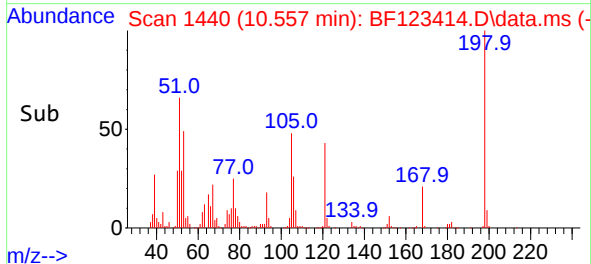
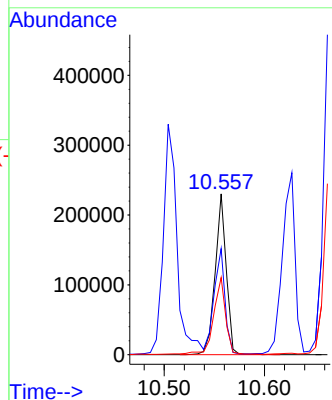
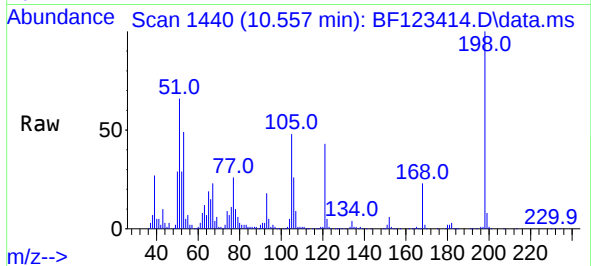
#65
4,6-Dinitro-2-methylphenol
Concen: 40.78 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BF123414.D
Acq: 23 Mar 2021 20:58

Tgt Ion:198 Resp: 177370
Ion Ratio Lower Upper
198 100
51 66.0 20.3 60.3#
105 48.0 23.0 63.0

Instrument :
BNA_F
ClientSampleId :
SP-MANHOLEMSD

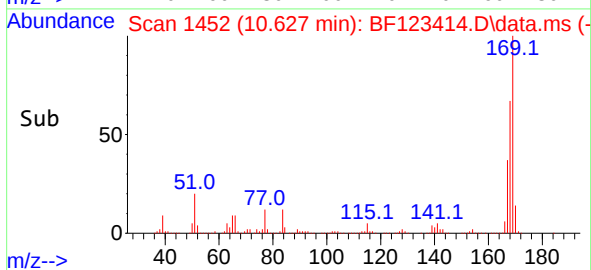
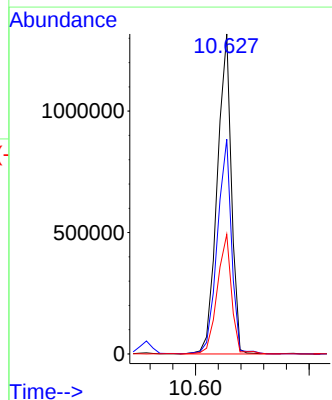
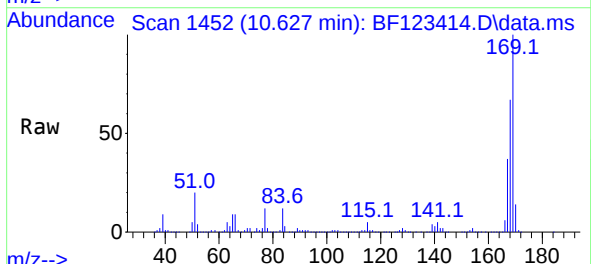
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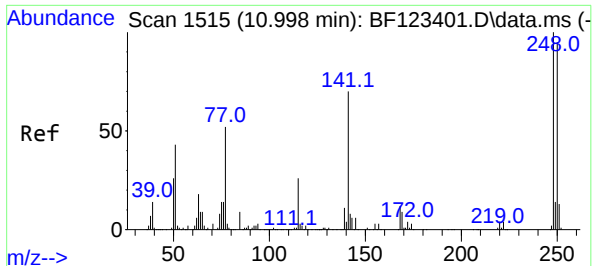
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#66
n-Nitrosodiphenylamine
Concen: 41.28 ng
RT: 10.627 min Scan# 1452
Delta R.T. 0.006 min
Lab File: BF123414.D
Acq: 23 Mar 2021 20:58

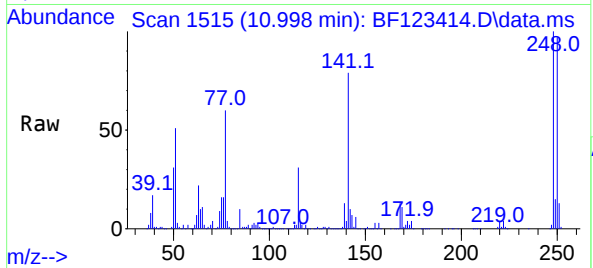
Tgt Ion:169 Resp: 1142597
Ion Ratio Lower Upper
169 100
168 67.1 54.2 81.2
167 37.4 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 42.65 ng
RT: 10.998 min Scan# 1515
Delta R.T. -0.000 min
Lab File: BF123414.D
Acq: 23 Mar 2021 20:58

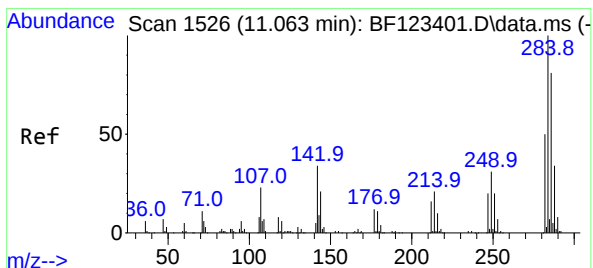
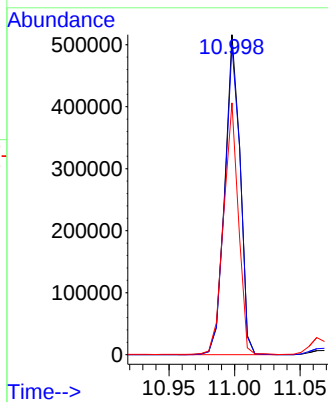
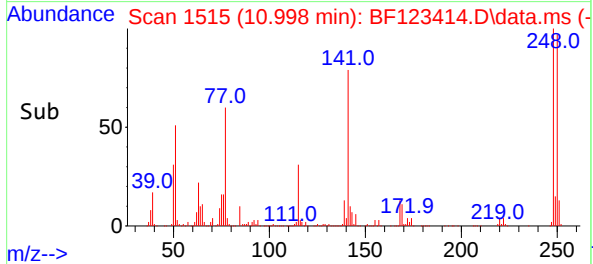
Instrument :
BNA_F
ClientSampleId :
SP-MANHOLEMSD



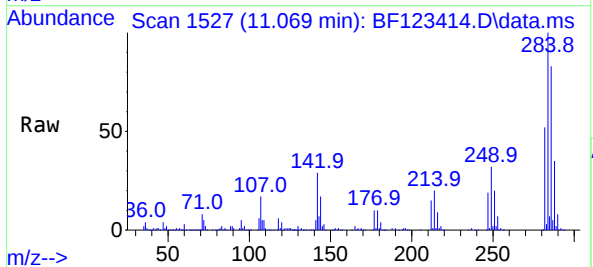
Tgt Ion:248 Resp: 417245
Ion Ratio Lower Upper
248 100
250 96.6 76.8 115.2
141 78.7 59.8 89.8

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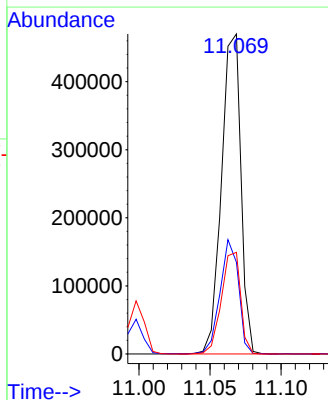
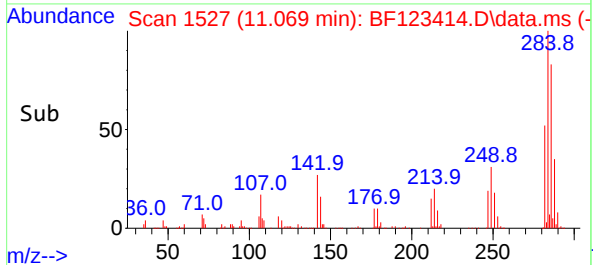
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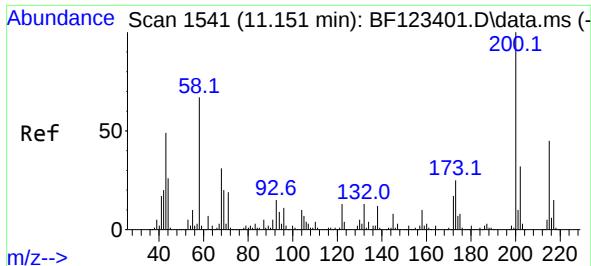


#68
Hexachlorobenzene
Concen: 41.42 ng
RT: 11.069 min Scan# 1527
Delta R.T. 0.006 min
Lab File: BF123414.D
Acq: 23 Mar 2021 20:58



Tgt Ion:284 Resp: 446579
Ion Ratio Lower Upper
284 100
142 28.7 25.6 38.4
249 31.8 25.1 37.7





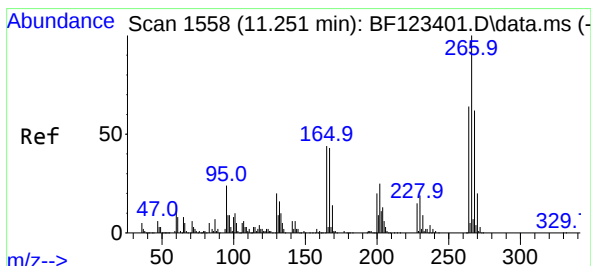
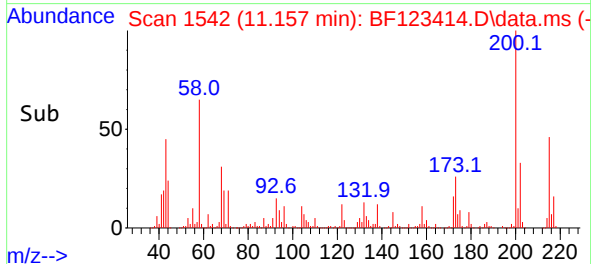
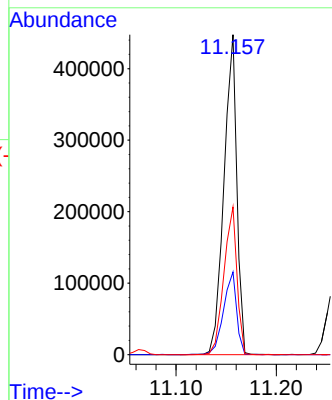
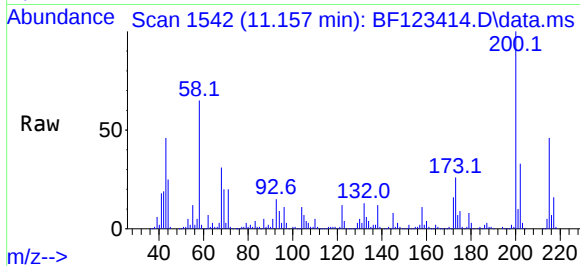
#69
Atrazine
Concen: 45.25 ng
RT: 11.157 min Scan# 1542
Delta R.T. 0.006 min
Lab File: BF123414.D
Acq: 23 Mar 2021 20:58

Tgt Ion:200 Resp: 398062
Ion Ratio Lower Upper
200 100
173 25.9 6.6 46.6
215 46.2 28.1 68.1

Instrument :
BNA_F
ClientSampleId :
SP-MANHOLEMSD

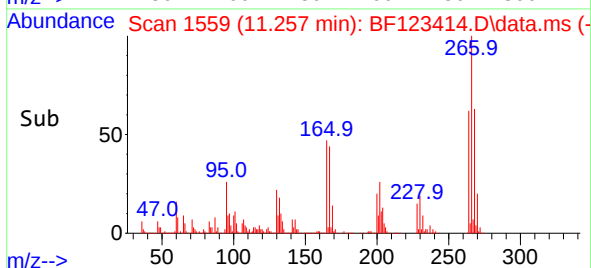
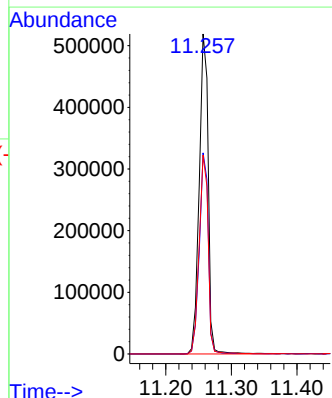
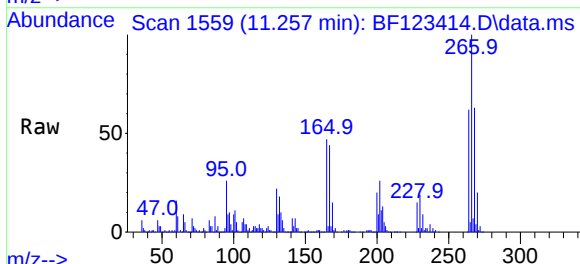
Manual Integrations
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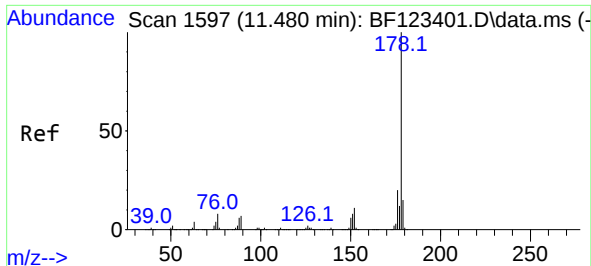
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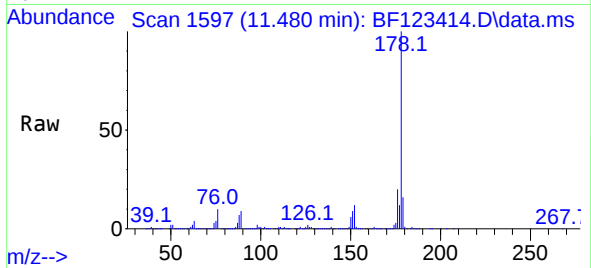
#70
Pentachlorophenol
Concen: 77.30 ng
RT: 11.257 min Scan# 1559
Delta R.T. 0.006 min
Lab File: BF123414.D
Acq: 23 Mar 2021 20:58

Tgt Ion:266 Resp: 497252
Ion Ratio Lower Upper
266 100
268 62.9 50.5 75.7
264 62.2 49.8 74.8



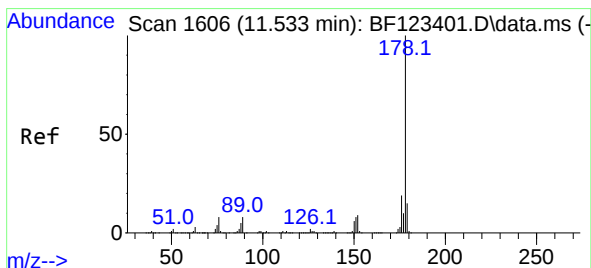
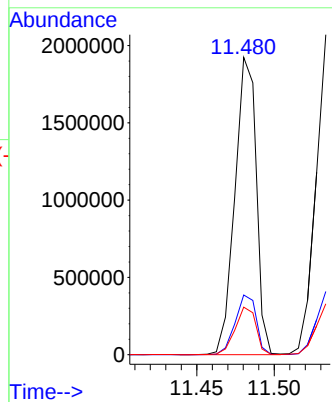
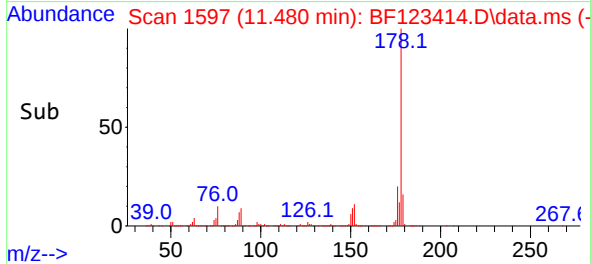


#71
Phenanthrene
Concen: 40.40 ng
RT: 11.480 min Scan# 1597
Delta R.T. -0.000 min
Lab File: BF123414.D
Acq: 23 Mar 2021 20:58

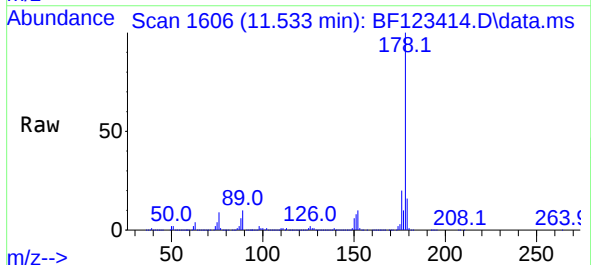


Tgt Ion:178 Resp: 1844675

Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.2	24.2
179	16.0	12.7	19.1

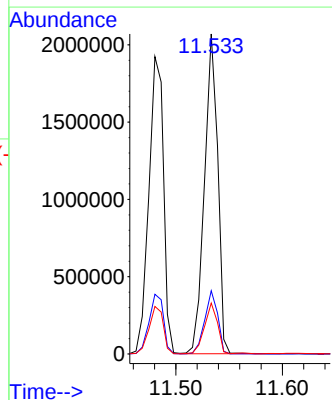
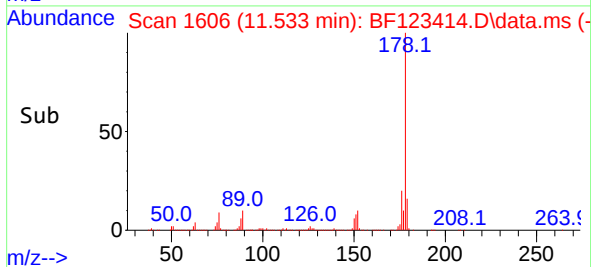


#72
Anthracene
Concen: 39.22 ng
RT: 11.533 min Scan# 1606
Delta R.T. -0.000 min
Lab File: BF123414.D
Acq: 23 Mar 2021 20:58



Tgt Ion:178 Resp: 1801218

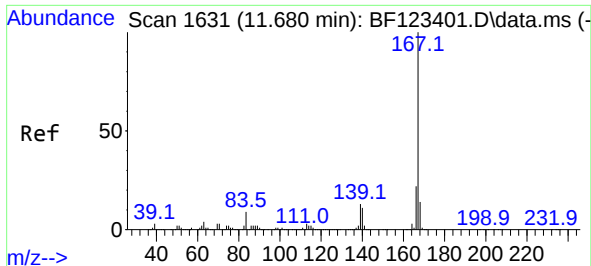
Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.6	23.4
179	15.9	12.8	19.2



Instrument :
BNA_F
ClientSampleId :
SP-MANHOLEMSD

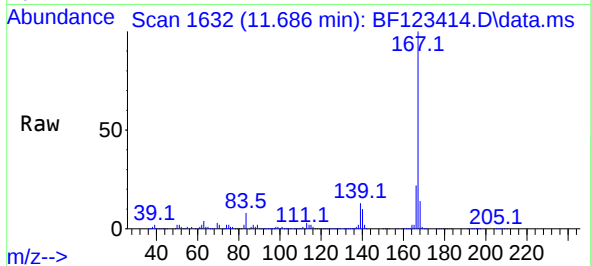
Manual Integrations
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#73
Carbazole
Concen: 35.27 ng
RT: 11.686 min Scan# 1632
Delta R.T. 0.006 min
Lab File: BF123414.D
Acq: 23 Mar 2021 20:58

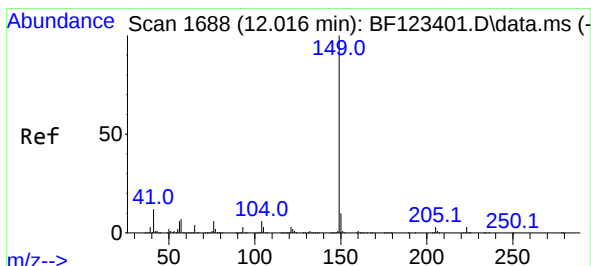
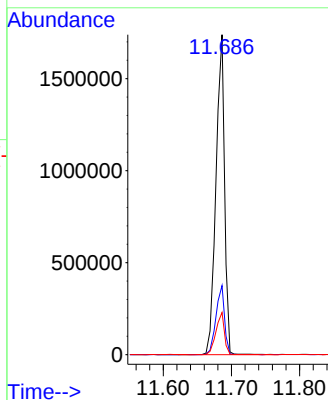
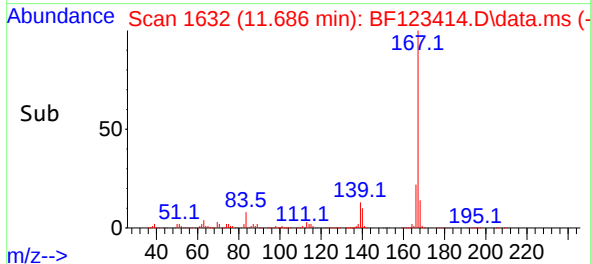
Instrument :
BNA_F
ClientSampleId :
SP-MANHOLEMSD



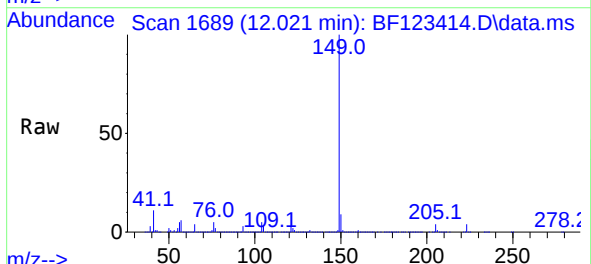
Tgt Ion:167 Resp: 1530220
Ion Ratio Lower Upper
167 100
166 21.6 18.0 27.0
139 13.2 10.9 16.3

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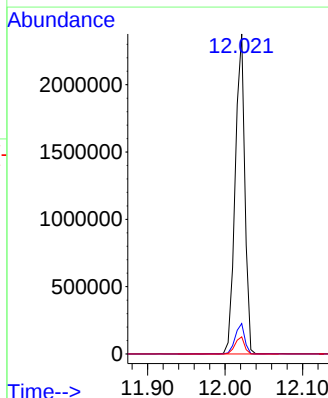
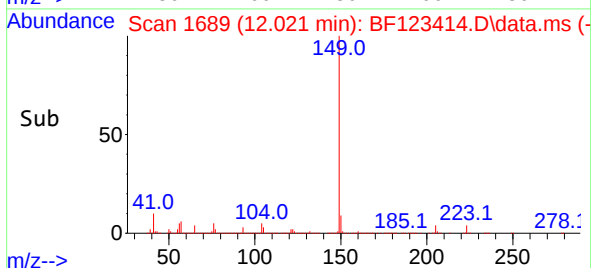
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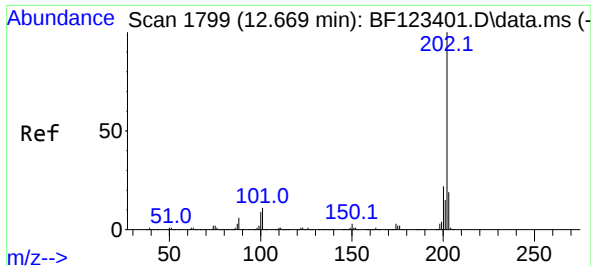


#74
Di-n-butylphthalate
Concen: 41.63 ng
RT: 12.021 min Scan# 1689
Delta R.T. 0.006 min
Lab File: BF123414.D
Acq: 23 Mar 2021 20:58



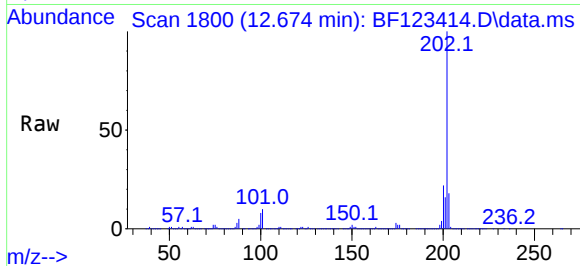
Tgt Ion:149 Resp: 2056227
Ion Ratio Lower Upper
149 100
150 9.5 7.8 11.6
104 5.3 4.2 6.4





#75
Fluoranthene
Concen: 35.26 ng
RT: 12.674 min Scan# 1800
Delta R.T. 0.006 min
Lab File: BF123414.D
Acq: 23 Mar 2021 20:58

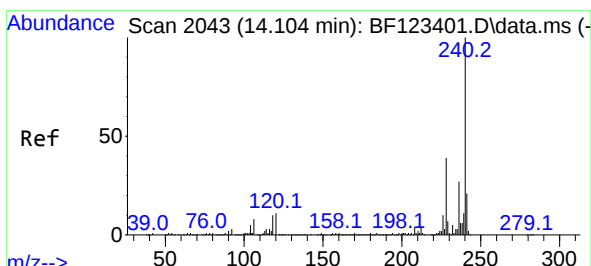
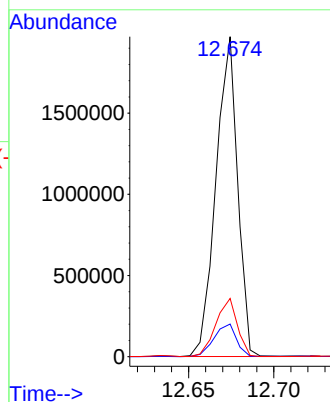
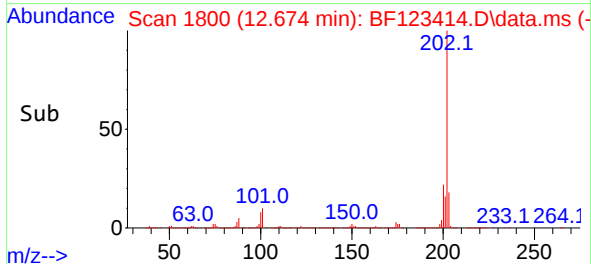
Instrument :
BNA_F
ClientSampleId :
SP-MANHOLEMSD



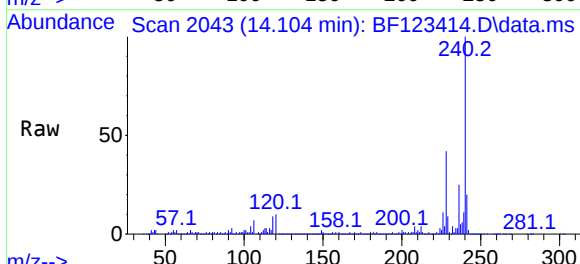
Tgt Ion:202 Resp: 1743296
Ion Ratio Lower Upper
202 100
101 10.2 0.0 32.2
203 18.2 0.0 38.1

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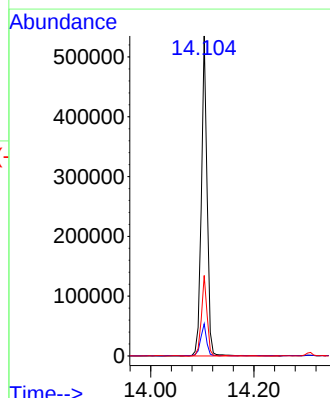
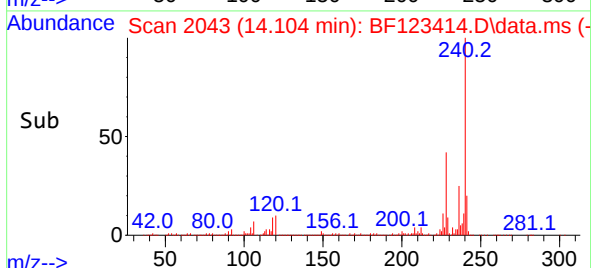
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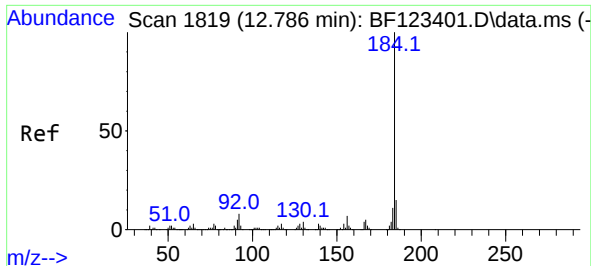


#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.104 min Scan# 2043
Delta R.T. -0.000 min
Lab File: BF123414.D
Acq: 23 Mar 2021 20:58

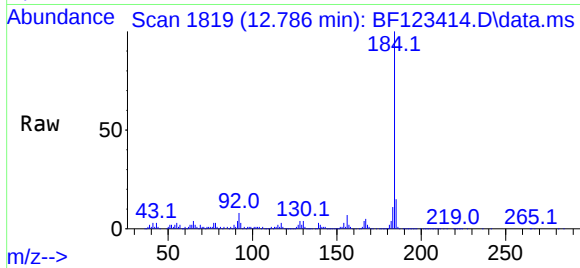


Tgt Ion:240 Resp: 411387
Ion Ratio Lower Upper
240 100
120 10.0 8.6 12.8
236 25.2 20.3 30.5

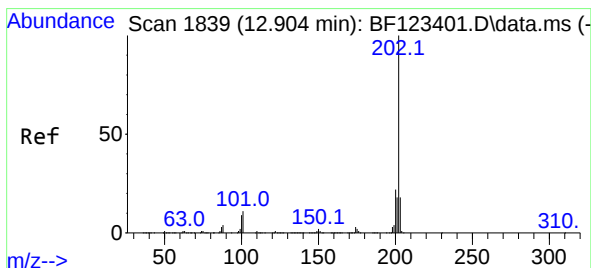
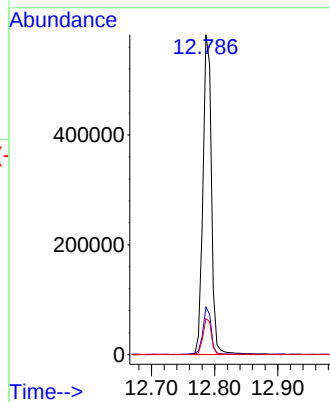
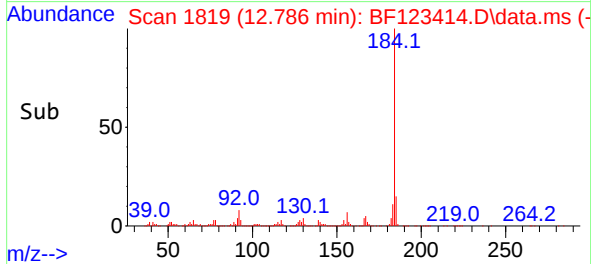




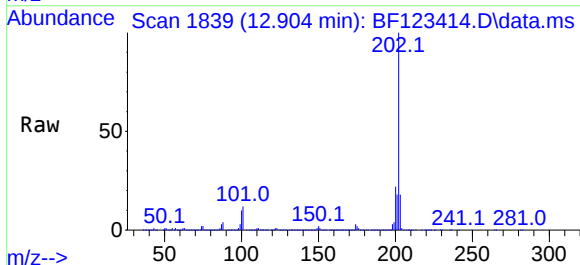
#77
Benzidine
Concen: 44.47 ng
RT: 12.786 min Scan# 1819
Delta R.T. -0.000 min
Lab File: BF123414.D
Acq: 23 Mar 2021 20:58



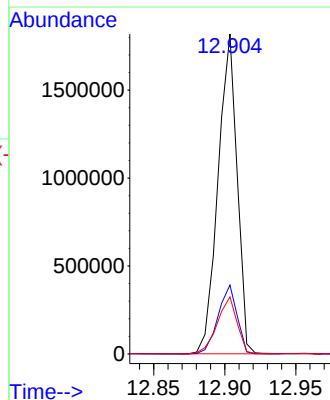
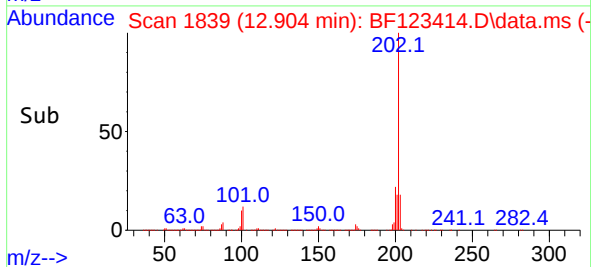
Tgt Ion:184 Resp: 544933
Ion Ratio Lower Upper
184 100
185 14.9 11.8 17.6
183 11.3 9.7 14.5



#78
Pyrene
Concen: 47.74 ng
RT: 12.904 min Scan# 1839
Delta R.T. -0.000 min
Lab File: BF123414.D
Acq: 23 Mar 2021 20:58



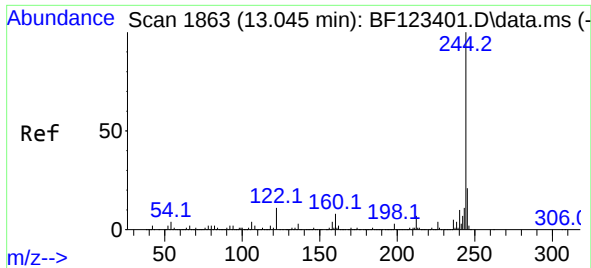
Tgt Ion:202 Resp: 1694128
Ion Ratio Lower Upper
202 100
200 21.6 17.6 26.4
203 17.9 14.6 21.8



Instrument :
BNA_F
ClientSampleId :
SP-MANHOLEMSD

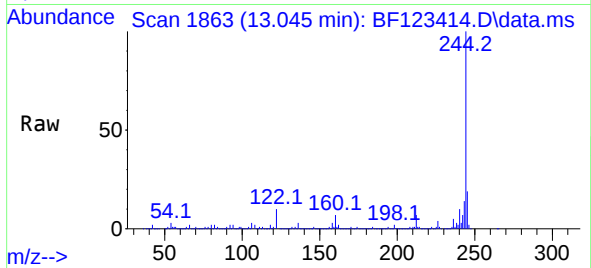
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#79
Terphenyl-d14
Concen: 62.97 ng
RT: 13.045 min Scan# 1863
Delta R.T. -0.000 min
Lab File: BF123414.D
Acq: 23 Mar 2021 20:58

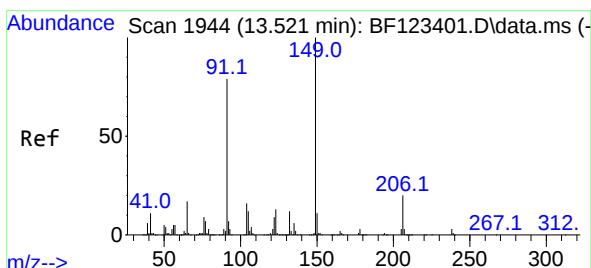
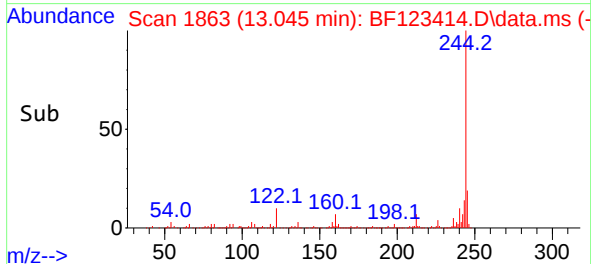
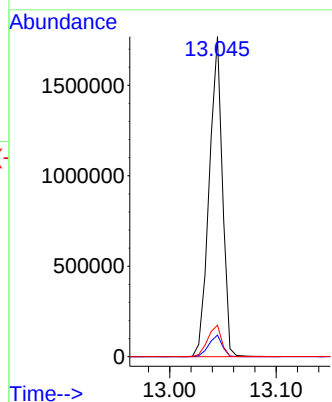
Instrument :
BNA_F
ClientSampleId :
SP-MANHOLEMSD



Tgt Ion:244 Resp: 1528479
Ion Ratio Lower Upper
244 100
212 6.8 5.7 8.5
122 9.8 8.3 12.5

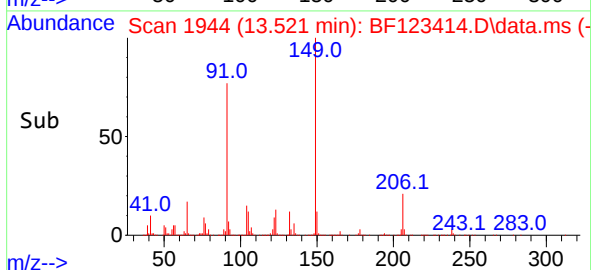
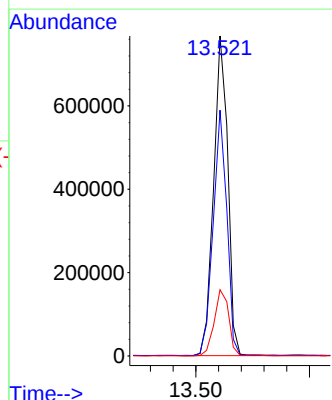
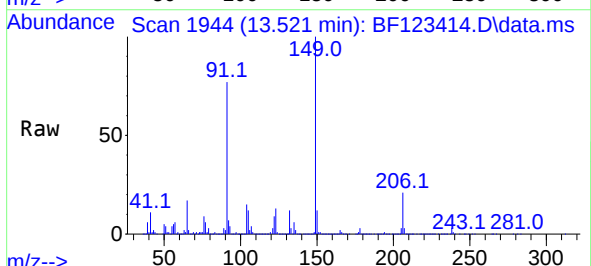
Manual Integrations
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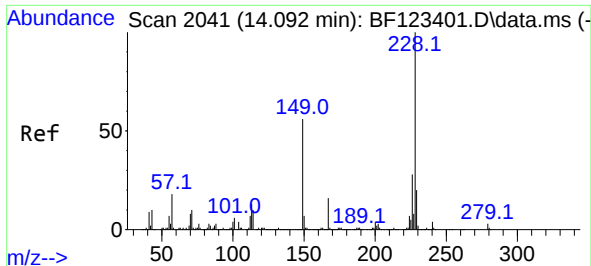
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#80
Butylbenzylphthalate
Concen: 50.39 ng
RT: 13.521 min Scan# 1944
Delta R.T. -0.000 min
Lab File: BF123414.D
Acq: 23 Mar 2021 20:58

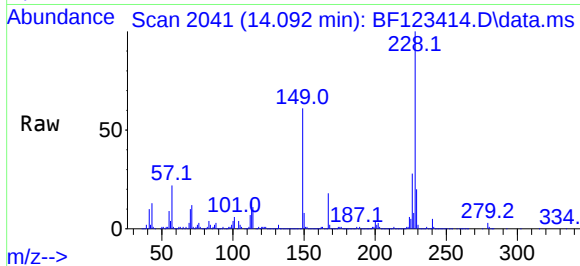
Tgt Ion:149 Resp: 663177
Ion Ratio Lower Upper
149 100
91 76.8 56.5 84.7
206 20.7 17.0 25.6





#81
Benzo(a)anthracene
Concen: 41.68 ng
RT: 14.092 min Scan# 2041
Delta R.T. -0.000 min
Lab File: BF123414.D
Acq: 23 Mar 2021 20:58

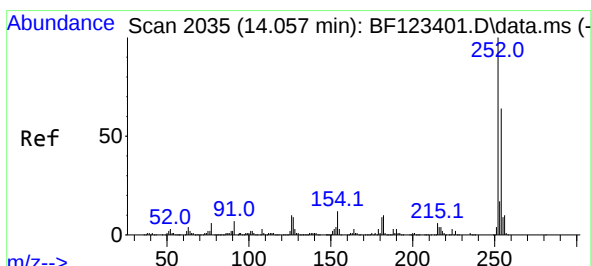
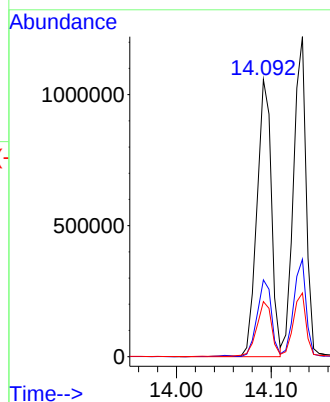
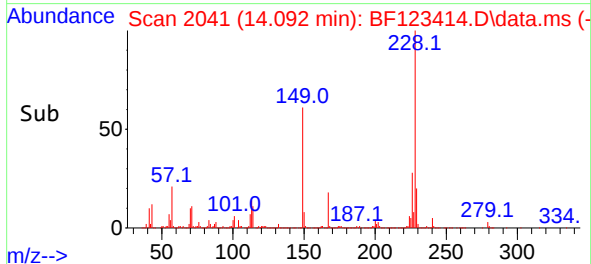
Instrument :
BNA_F
ClientSampleId :
SP-MANHOLEMSD



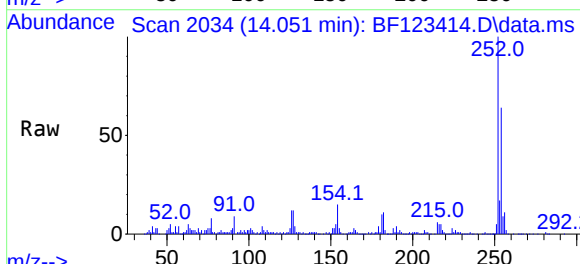
Tgt Ion:228 Resp: 1122307
Ion Ratio Lower Upper
228 100
226 27.7 23.0 34.4
229 19.9 16.6 24.8

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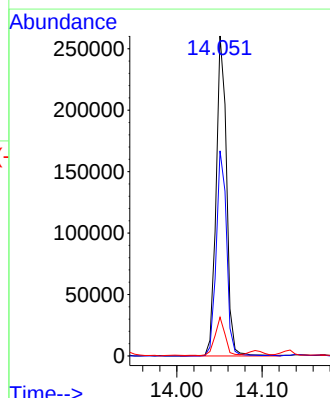
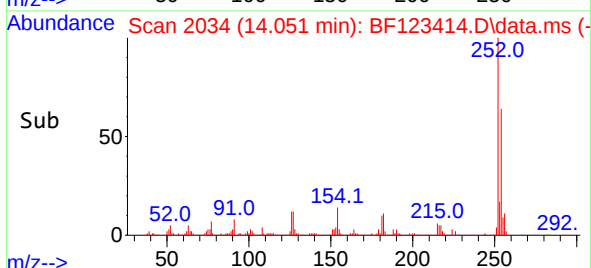
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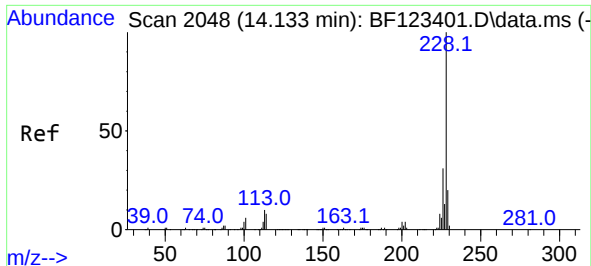


#82
3,3'-Dichlorobenzidine
Concen: 25.53 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BF123414.D
Acq: 23 Mar 2021 20:58



Tgt Ion:252 Resp: 223632
Ion Ratio Lower Upper
252 100
254 64.1 52.7 79.1
126 12.1 8.0 12.0#





#83
Chrysene
Concen: 40.42 ng
RT: 14.133 min Scan# 2048
Delta R.T. -0.000 min
Lab File: BF123414.D
Acq: 23 Mar 2021 20:58

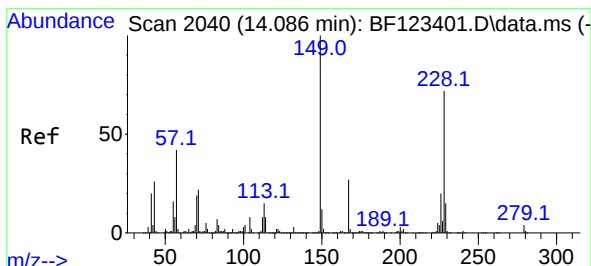
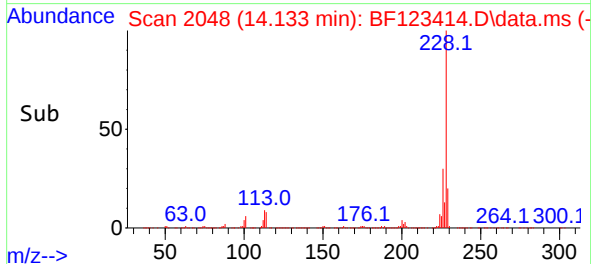
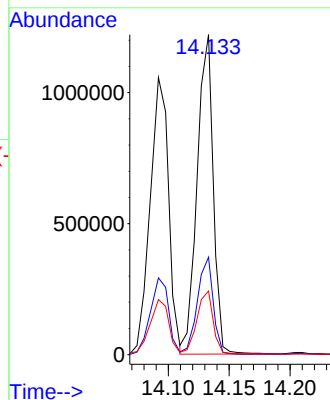
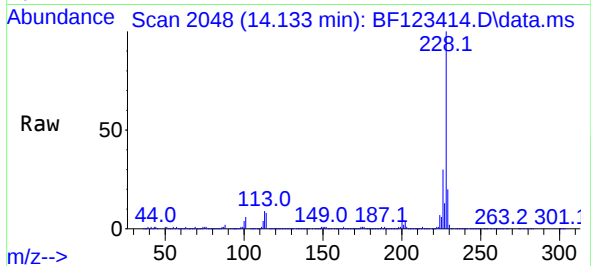
Tgt Ion:228 Resp: 1123676

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.6	36.8
229	19.9	15.8	23.6

Instrument :
BNA_F
ClientSampleId :
SP-MANHOLEMSD

Manual Integrations
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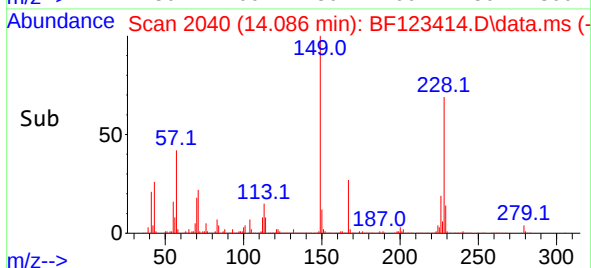
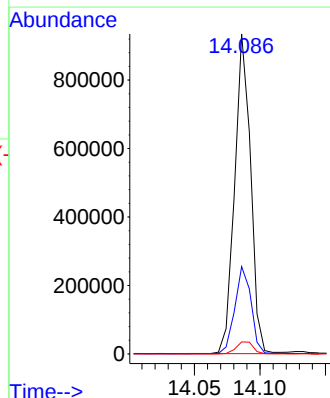
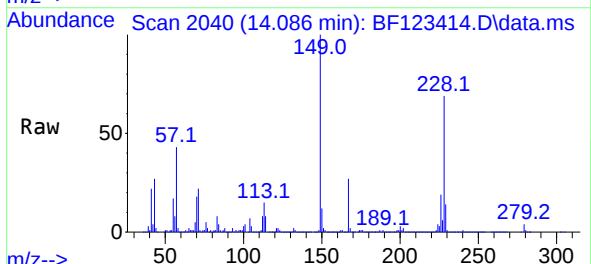
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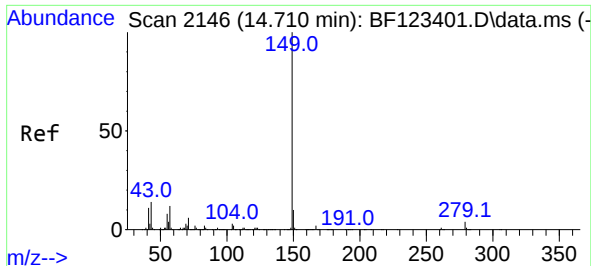


#84
Bis(2-ethylhexyl)phthalate
Concen: 45.63 ng
RT: 14.086 min Scan# 2040
Delta R.T. -0.000 min
Lab File: BF123414.D
Acq: 23 Mar 2021 20:58

Tgt Ion:149 Resp: 790618

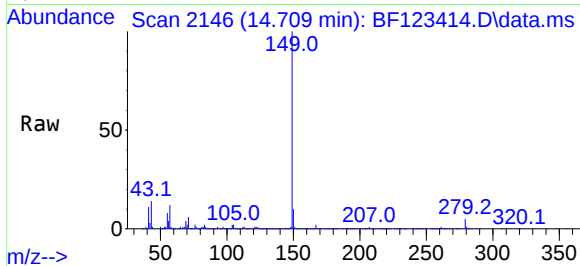
Ion	Ratio	Lower	Upper
149	100		
167	27.3	21.4	32.2
279	3.7	3.4	5.0





#85
Di-n-octyl phthalate
Concen: 48.13 ng
RT: 14.709 min Scan# 2146
Delta R.T. -0.000 min
Lab File: BF123414.D
Acq: 23 Mar 2021 20:58

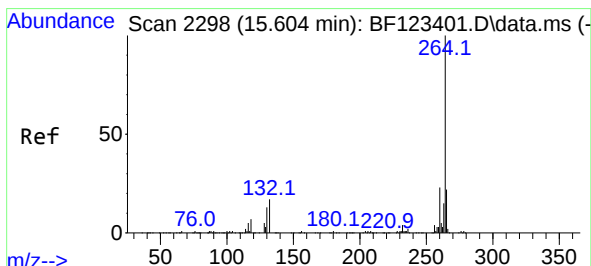
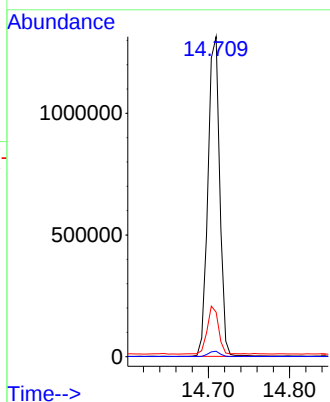
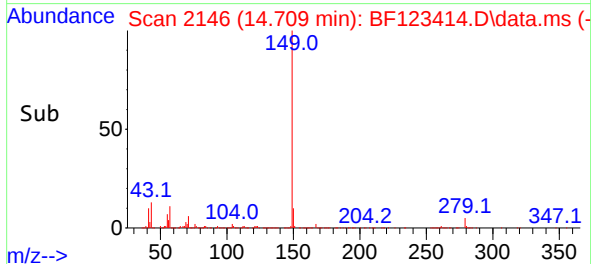
Instrument :
BNA_F
ClientSampleId :
SP-MANHOLEMSD



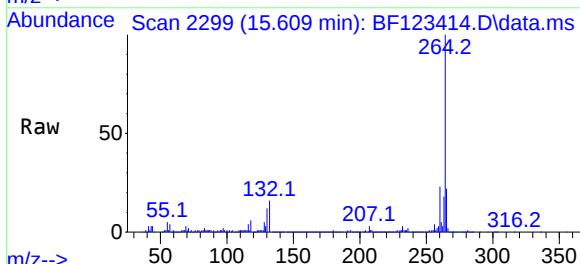
Tgt Ion:149 Resp: 1318173
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 14.3 7.6 11.4#

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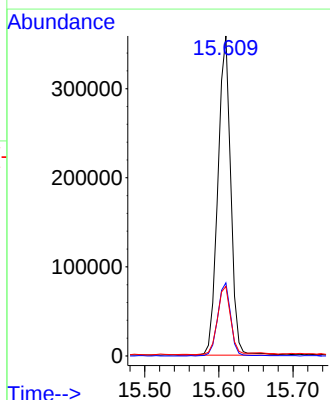
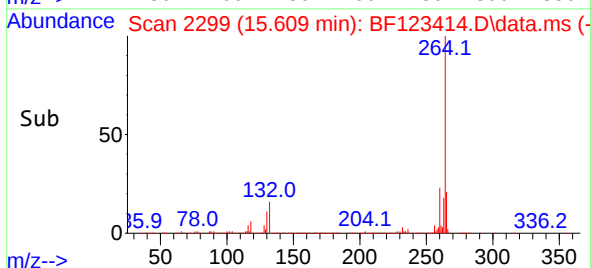
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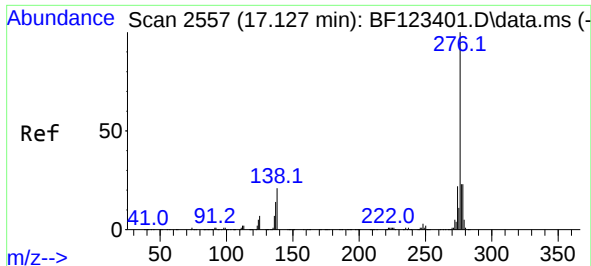


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.609 min Scan# 2299
Delta R.T. 0.006 min
Lab File: BF123414.D
Acq: 23 Mar 2021 20:58



Tgt Ion:264 Resp: 432125
Ion Ratio Lower Upper
264 100
260 22.8 18.6 28.0
265 21.8 17.0 25.6





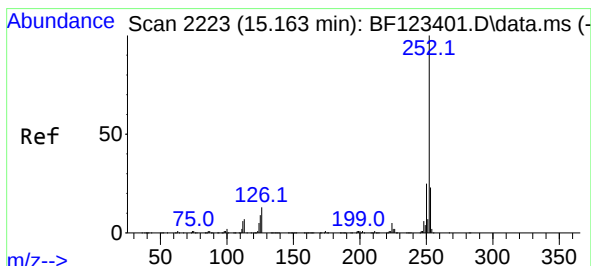
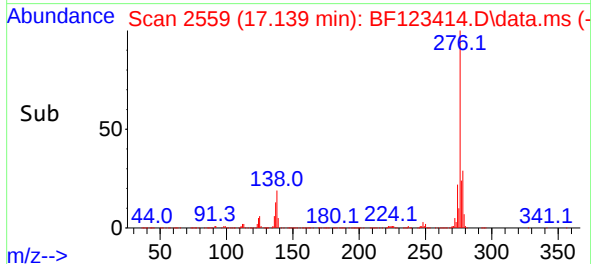
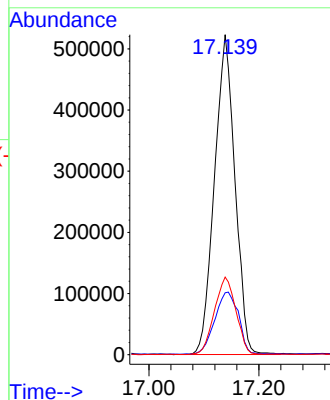
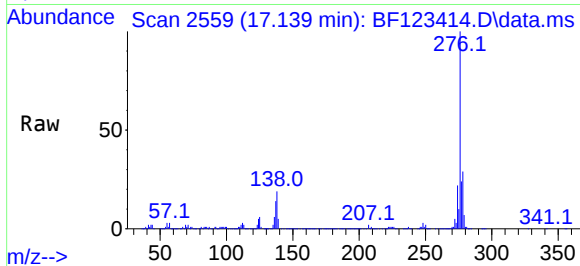
#87
Indeno(1,2,3-cd)pyrene
Concen: 50.44 ng
RT: 17.139 min Scan# 2559
Delta R.T. 0.012 min
Lab File: BF123414.D
Acq: 23 Mar 2021 20:58

Tgt Ion:276 Resp: 1354503
Ion Ratio Lower Upper
276 100
138 22.5 18.7 28.1
277 25.4 20.2 30.4

Instrument :
BNA_F
ClientSampleId :
SP-MANHOLEMSD

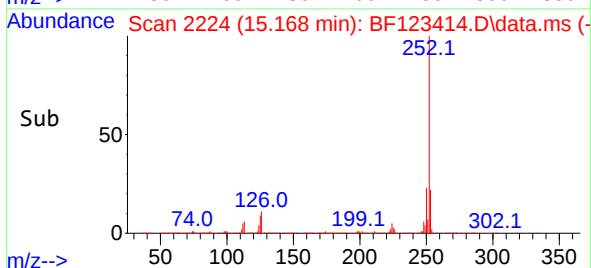
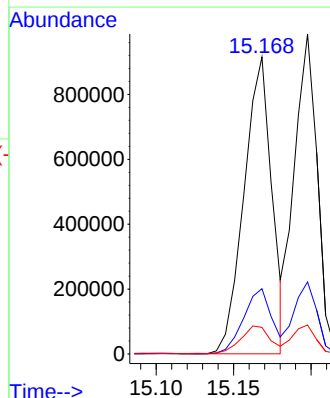
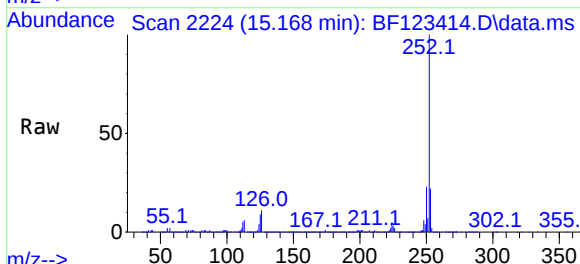
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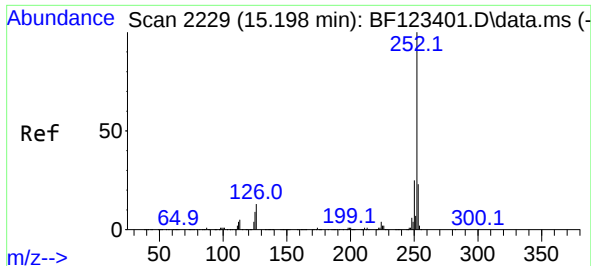
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#88
Benzo(b)fluoranthene
Concen: 38.30 ng
RT: 15.168 min Scan# 2224
Delta R.T. 0.006 min
Lab File: BF123414.D
Acq: 23 Mar 2021 20:58

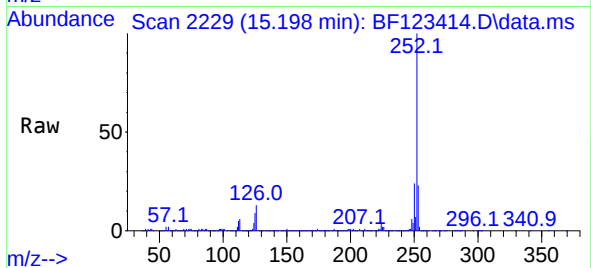
Tgt Ion:252 Resp: 1141941
Ion Ratio Lower Upper
252 100
253 22.0 18.3 27.5
125 9.0 8.1 12.1





#89
Benzo(k)fluoranthene
Concen: 35.79 ng
RT: 15.198 min Scan# 2229
Delta R.T. -0.000 min
Lab File: BF123414.D
Acq: 23 Mar 2021 20:58

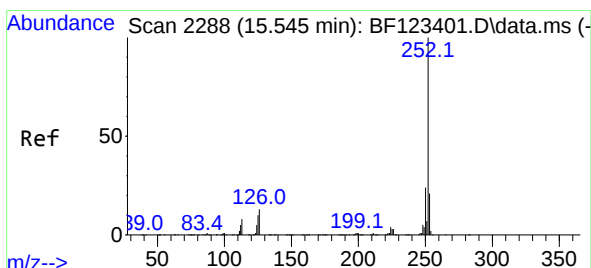
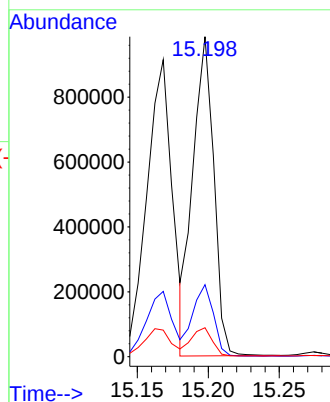
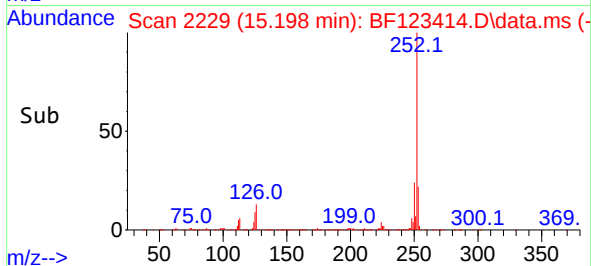
Instrument :
BNA_F
ClientSampleId :
SP-MANHOLEMSD



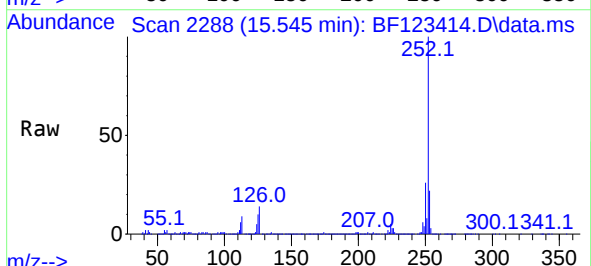
Tgt Ion:252 Resp: 1008697
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 9.1 8.4 12.6

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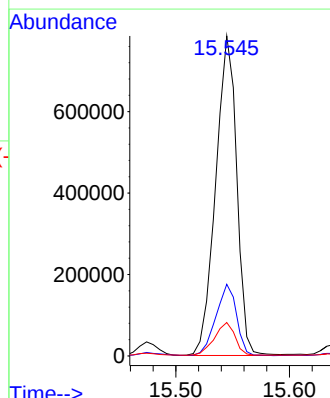
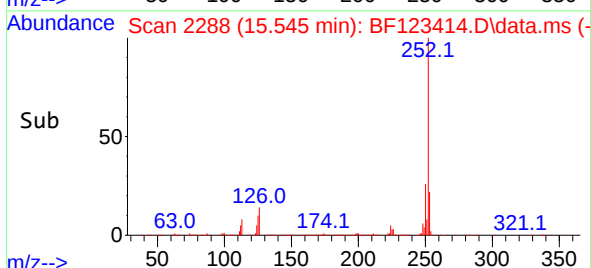
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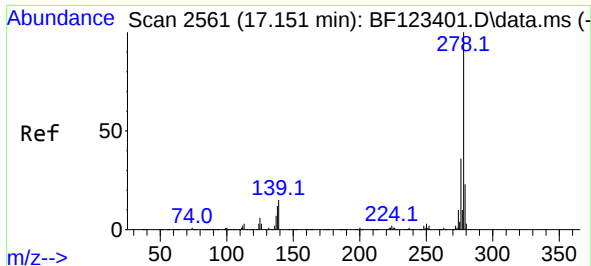


#90
Benzo(a)pyrene
Concen: 39.35 ng
RT: 15.545 min Scan# 2288
Delta R.T. -0.000 min
Lab File: BF123414.D
Acq: 23 Mar 2021 20:58

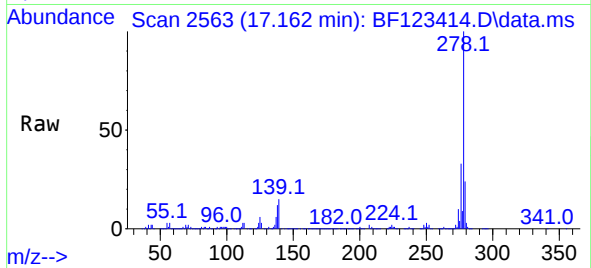


Tgt Ion:252 Resp: 1012548
Ion Ratio Lower Upper
252 100
253 22.4 17.5 26.3
125 10.4 8.6 12.8

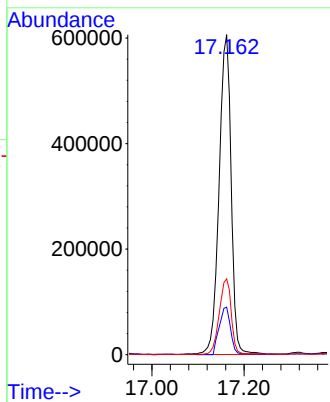
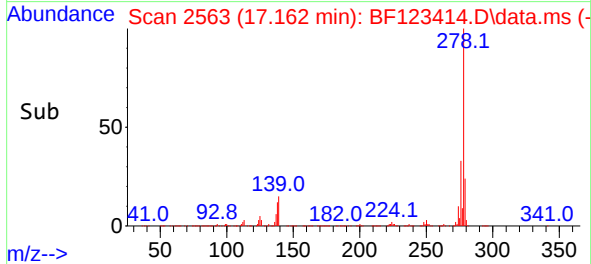




#91
Dibenzo(a,h)anthracene
Concen: 48.21 ng
RT: 17.162 min Scan# 2563
Delta R.T. 0.012 min
Lab File: BF123414.D
Acq: 23 Mar 2021 20:58



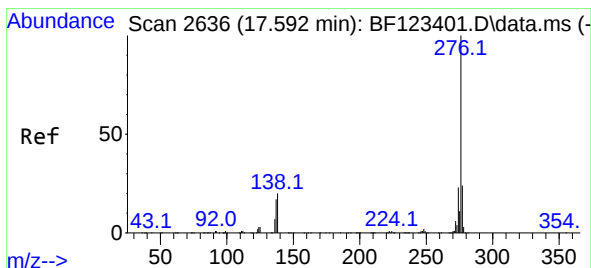
Tgt Ion:278 Resp: 1098946
Ion Ratio Lower Upper
278 100
139 14.8 12.0 18.0
279 23.7 19.4 29.2



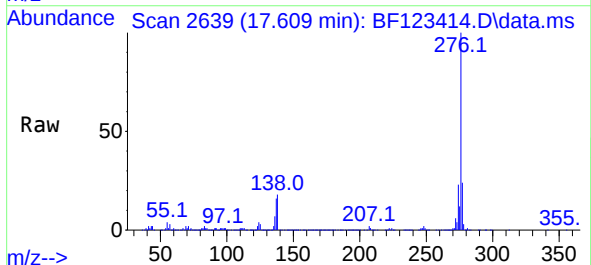
Instrument :
BNA_F
ClientSampleId :
SP-MANHOLEMSD

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 49.29 ng
RT: 17.609 min Scan# 2639
Delta R.T. 0.017 min
Lab File: BF123414.D
Acq: 23 Mar 2021 20:58



Tgt Ion:276 Resp: 1124886
Ion Ratio Lower Upper
276 100
277 24.0 19.3 28.9
138 18.0 16.6 24.8

