

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012025\
 Data File : BF141222.D
 Acq On : 20 Jan 2025 15:05
 Operator : RC/JU
 Sample : Q1119-01DL 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FILTER CAKEDL

Quant Time: Jan 20 15:37:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 22:54:19 2025
 Response via : Initial Calibration

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

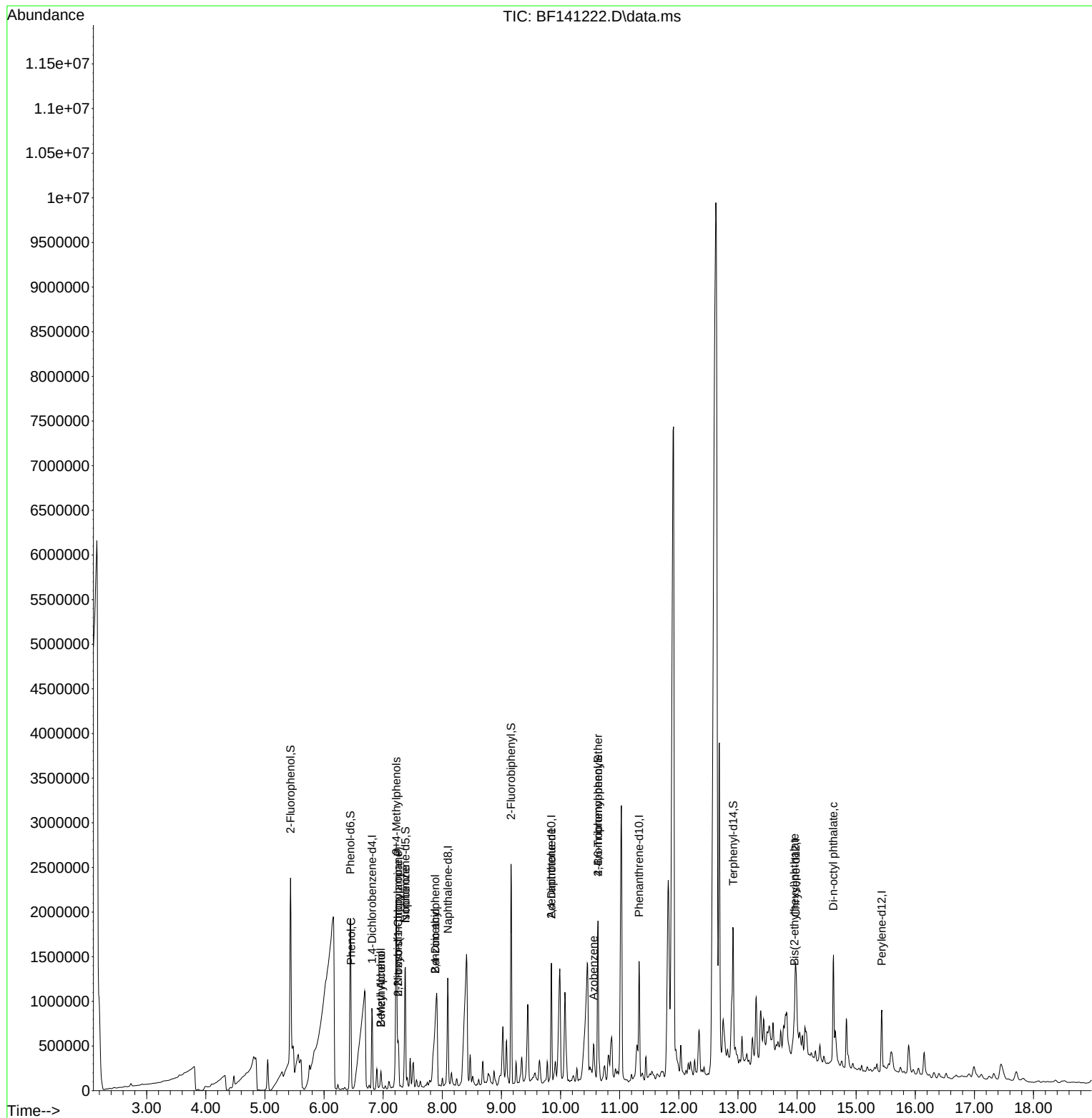
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	188854	20.000	ng	-0.01
21) Naphthalene-d8	8.092	136	752267	20.000	ng	-0.01
39) Acenaphthene-d10	9.845	164	393863	20.000	ng	-0.02
64) Phenanthrene-d10	11.328	188	605223	20.000	ng	-0.02
76) Chrysene-d12	13.974	240	364877	20.000	ng	-0.01
86) Perylene-d12	15.433	264	398892	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	775002	63.394	ng	0.00
7) Phenol-d6	6.446	99	968947	62.570	ng	0.00
23) Nitrobenzene-d5	7.375	82	620361	43.714	ng	-0.01
42) 2,4,6-Tribromophenol	10.633	330	327339	72.940	ng	-0.02
45) 2-Fluorobiphenyl	9.163	172	1072881	41.597	ng	-0.02
79) Terphenyl-d14	12.922	244	672655	27.400	ng	-0.01
Target Compounds						
						Qvalue
10) Phenol	6.457	94	49635	2.994	ng	# 69
15) Benzyl Alcohol	6.963	79	60158	5.379	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.251	45	63936	3.709	ng	86
17) 2-Methylphenol	6.963	107	33487	3.162	ng	# 14
19) n-Nitroso-di-n-propyla...	7.251	70	47077	5.161	ng	# 36
20) 3+4-Methylphenols	7.222	107	691704	51.777	ng	# 69
25) Isophorone	7.375	82	619054	25.525	ng	# 65
27) 2,4-Dimethylphenol	7.881	122	78001	8.595	ng	# 8
32) Benzoic acid	7.881	122	78001	8.960	ng	98
57) 2,4-Dinitrotoluene	9.845	165	54280	6.850	ng	# 26
63) Azobenzene	10.557	77	79357	3.116	ng	# 1
67) 4-Bromophenyl-phenylether	10.633	248	19843	2.848	ng	# 1
84) Bis(2-ethylhexyl)phtha...	13.957	149	31946	2.291	ng	# 89
85) Di-n-octyl phthalate	14.616	149	138477	6.578	ng	# 15

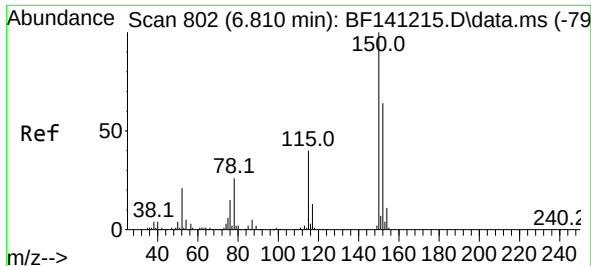
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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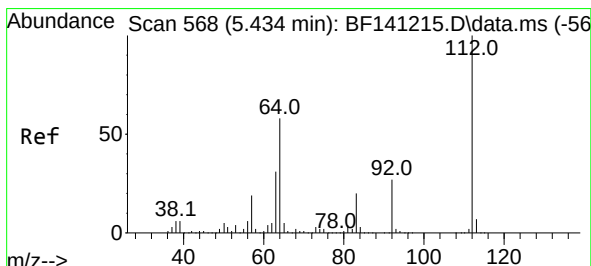
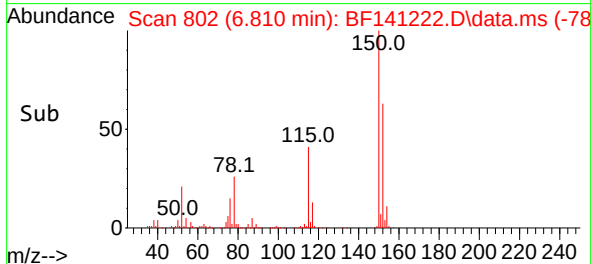
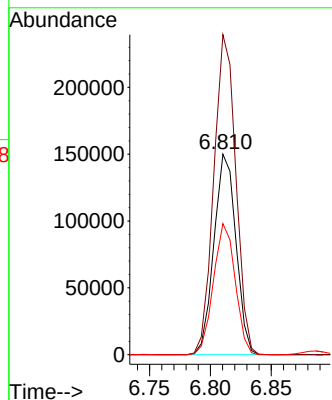
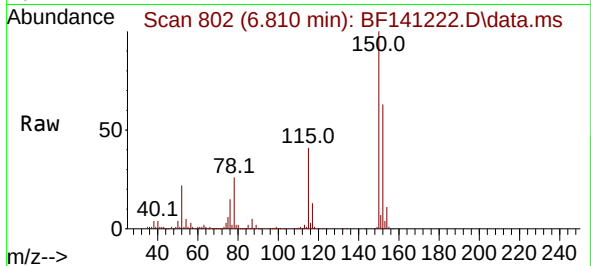




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 802
Delta R.T. -0.012 min
Lab File: BF141222.D
Acq: 20 Jan 2025 15:05

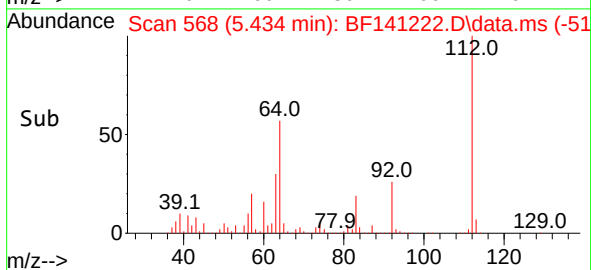
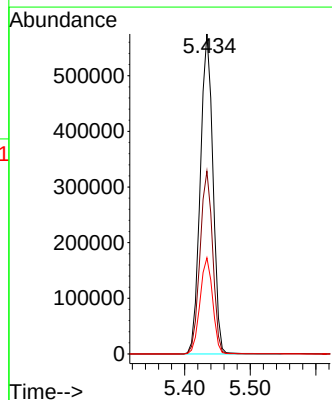
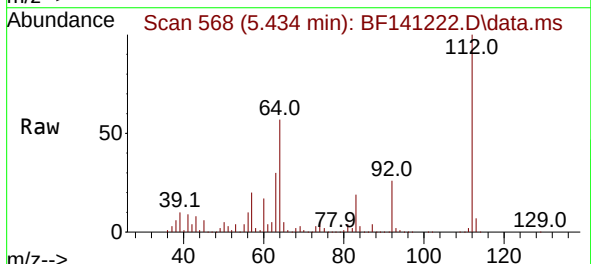
Instrument :
BNA_F
ClientSampleId :
FILTER CAKEDL

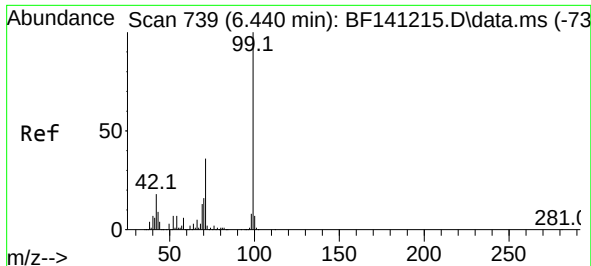
Tgt Ion:152 Resp: 188854
Ion Ratio Lower Upper
152 100
150 159.7 125.8 188.8
115 65.4 51.4 77.2



#5
2-Fluorophenol
Concen: 63.394 ng
RT: 5.434 min Scan# 568
Delta R.T. 0.006 min
Lab File: BF141222.D
Acq: 20 Jan 2025 15:05

Tgt Ion:112 Resp: 775002
Ion Ratio Lower Upper
112 100
64 57.1 47.3 70.9
63 30.1 24.2 36.2

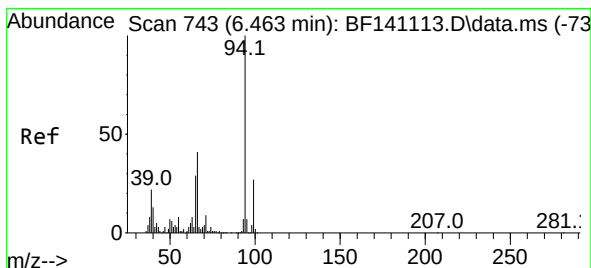
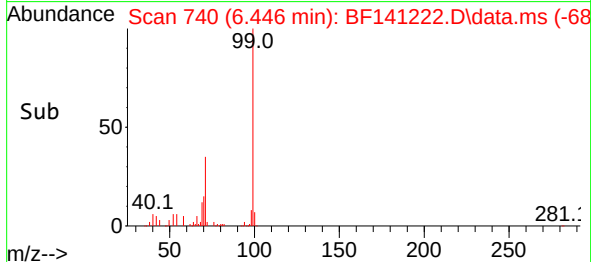
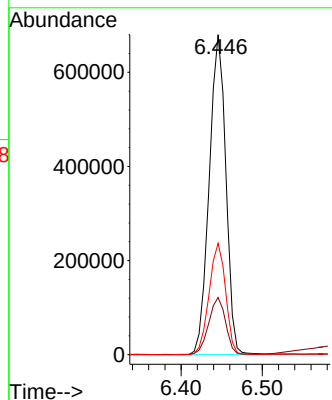
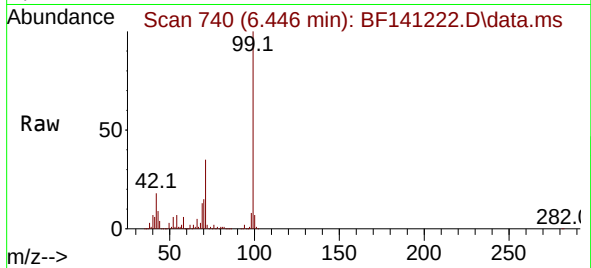




#7
Phenol-d6
Concen: 62.570 ng
RT: 6.446 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF141222.D
Acq: 20 Jan 2025 15:05

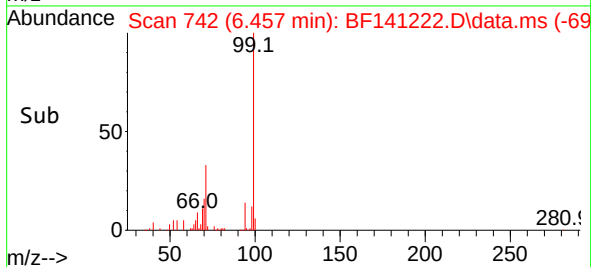
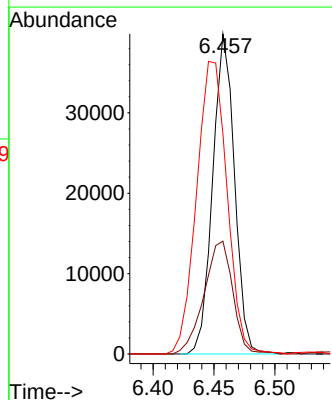
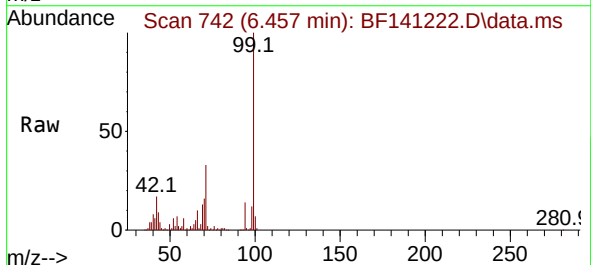
Instrument :
BNA_F
ClientSampleId :
FILTER CAKEDL

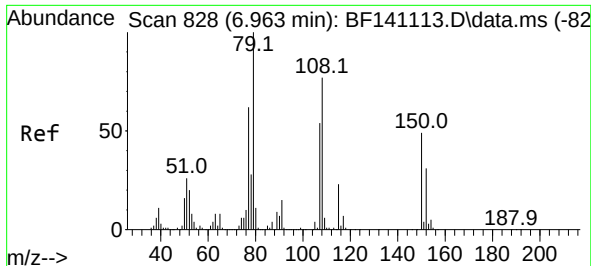
Tgt Ion: 99 Resp: 968947
Ion Ratio Lower Upper
99 100
42 17.9 15.0 22.4
71 34.8 27.6 41.4



#10
Phenol
Concen: 2.994 ng
RT: 6.457 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF141222.D
Acq: 20 Jan 2025 15:05

Tgt Ion: 94 Resp: 49635
Ion Ratio Lower Upper
94 100
65 35.3 8.9 48.9
66 68.8 21.2 61.2#

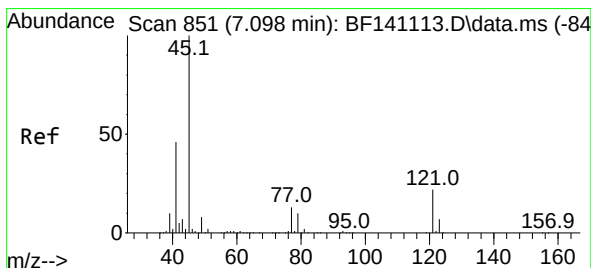
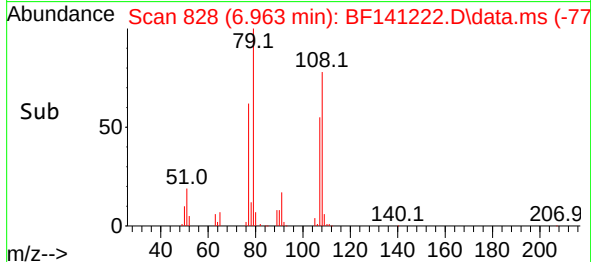
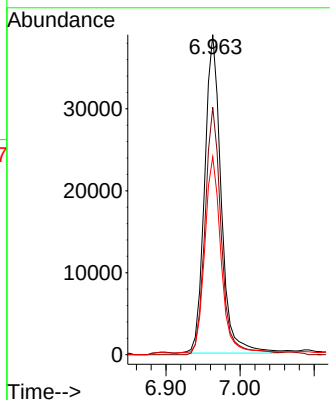
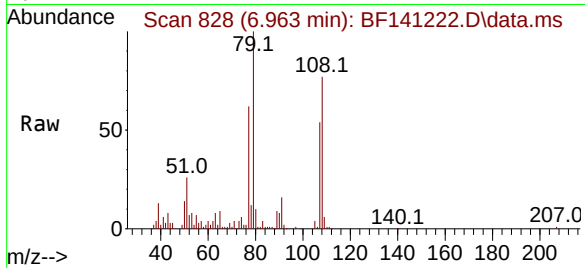




#15
Benzyl Alcohol
Concen: 5.379 ng
RT: 6.963 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF141222.D
Acq: 20 Jan 2025 15:05

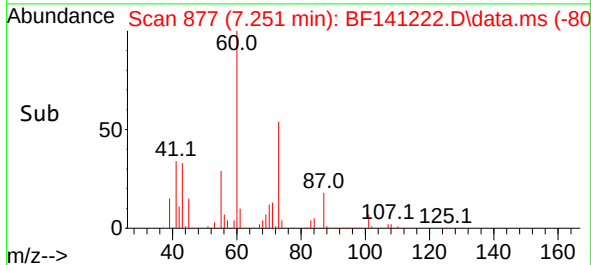
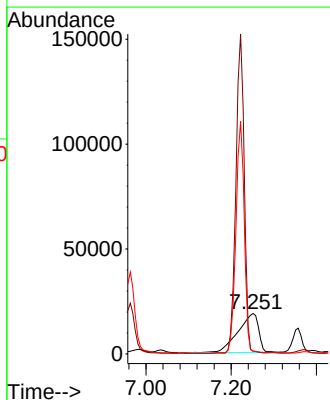
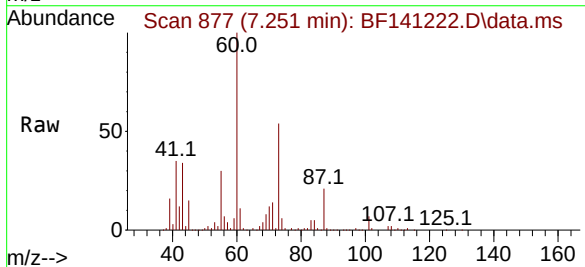
Instrument :
BNA_F
ClientSampleId :
FILTER CAKEDL

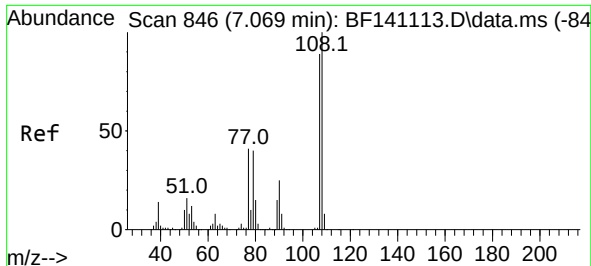
Tgt Ion: 79 Resp: 60158
Ion Ratio Lower Upper
79 100
108 77.3 61.4 92.0
77 61.9 49.8 74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.709 ng
RT: 7.251 min Scan# 877
Delta R.T. 0.153 min
Lab File: BF141222.D
Acq: 20 Jan 2025 15:05

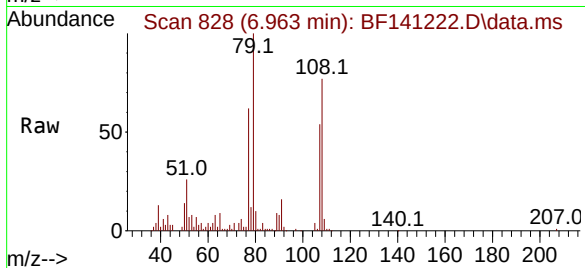
Tgt Ion: 45 Resp: 63936
Ion Ratio Lower Upper
45 100
77 7.1 0.0 34.1
79 7.2 0.0 31.0



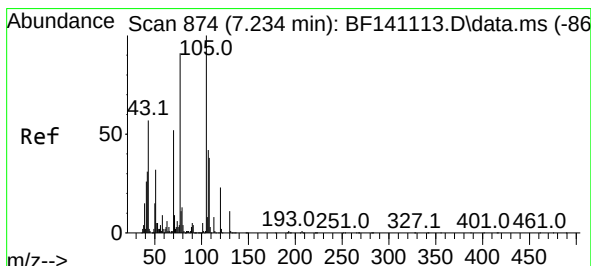
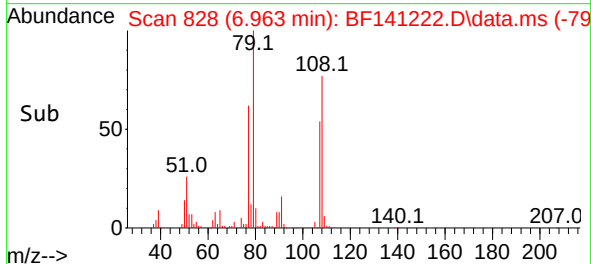
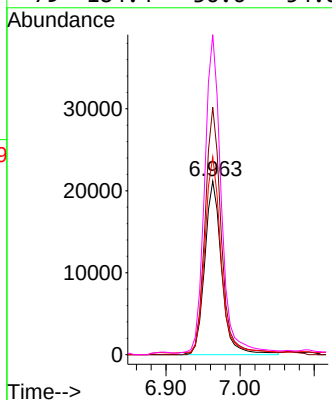


#17
2-Methylphenol
Concen: 3.162 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.106 min
Lab File: BF141222.D
Acq: 20 Jan 2025 15:05

Instrument :
BNA_F
ClientSampleId :
FILTER CAKEDL

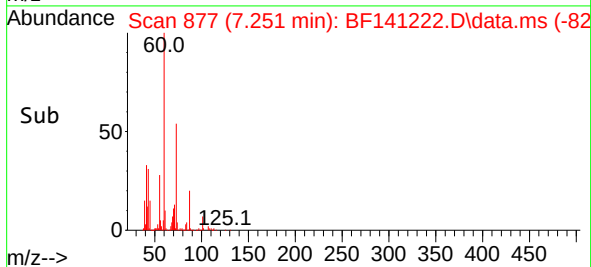
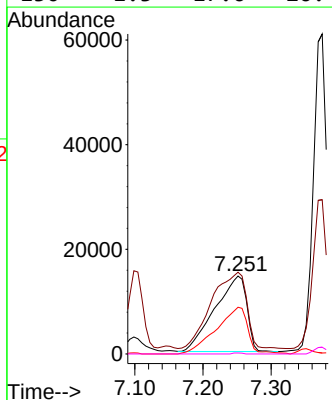
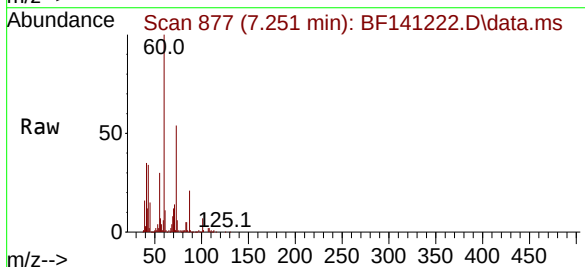


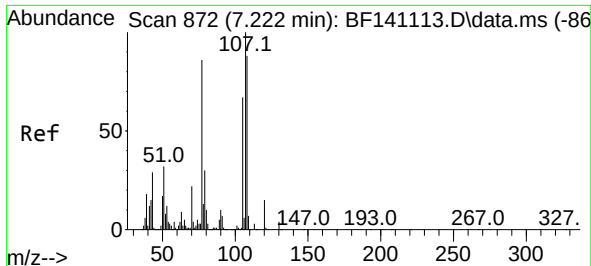
Tgt Ion:	107	Resp:	33487
Ion	Ratio	Lower	Upper
107	100		
108	142.5	90.1	135.1#
77	114.1	36.6	55.0#
79	184.4	36.6	54.8#



#19
n-Nitroso-di-n-propylamine
Concen: 5.161 ng
RT: 7.251 min Scan# 877
Delta R.T. 0.018 min
Lab File: BF141222.D
Acq: 20 Jan 2025 15:05

Tgt Ion:	70	Resp:	47077
Ion	Ratio	Lower	Upper
70	100		
42	105.0	47.8	71.6#
101	59.9	7.9	11.9#
130	1.3	17.6	26.4#





#20

3+4-Methylphenols

Concen: 51.777 ng

RT: 7.222 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF141222.D

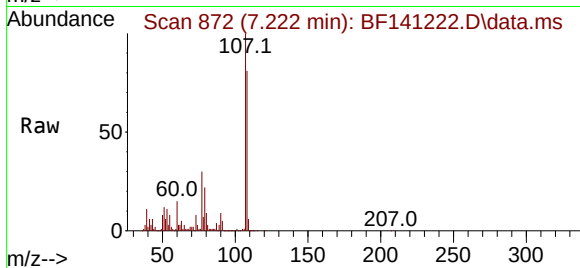
Acq: 20 Jan 2025 15:05

Instrument :

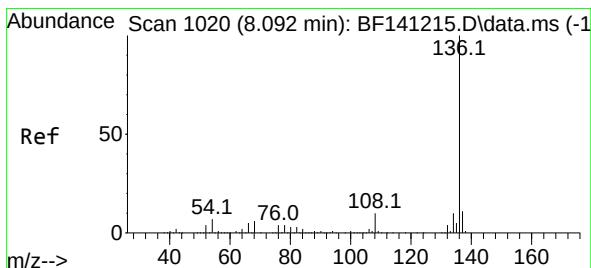
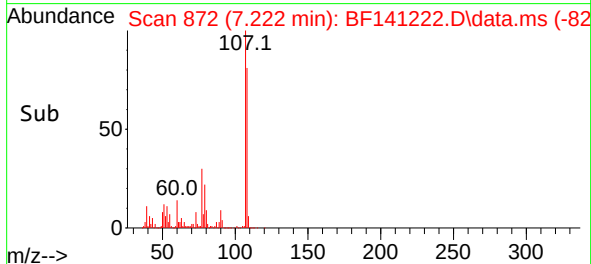
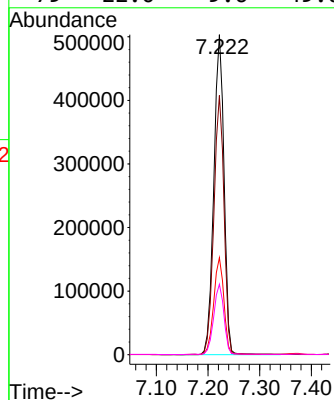
BNA_F

ClientSampleId :

FILTER CAKEDL



Tgt Ion:	107	Resp:	691704
Ion	Ratio	Lower	Upper
107	100		
108	81.0	68.3	108.3
77	30.3	66.4	106.4#
79	22.0	9.6	49.6



#21

Naphthalene-d8

Concen: 20.000 ng

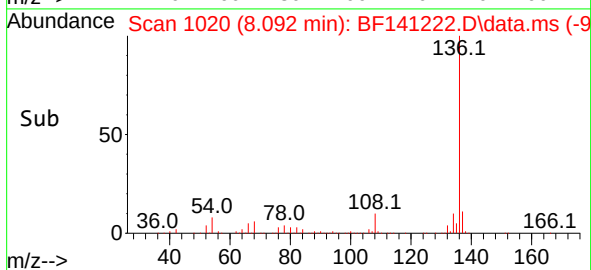
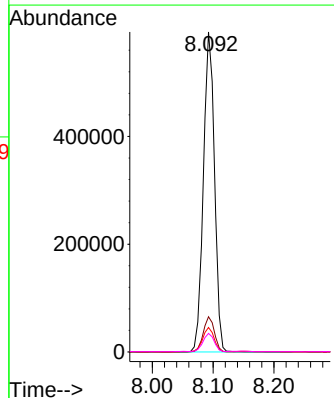
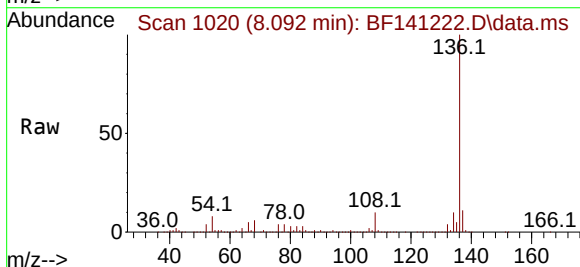
RT: 8.092 min Scan# 1020

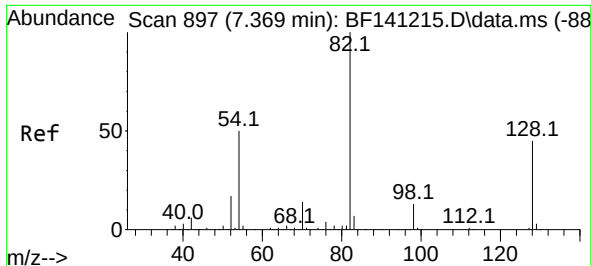
Delta R.T. -0.012 min

Lab File: BF141222.D

Acq: 20 Jan 2025 15:05

Tgt Ion:	136	Resp:	752267
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.7	6.3	9.5
68	5.8	4.9	7.3

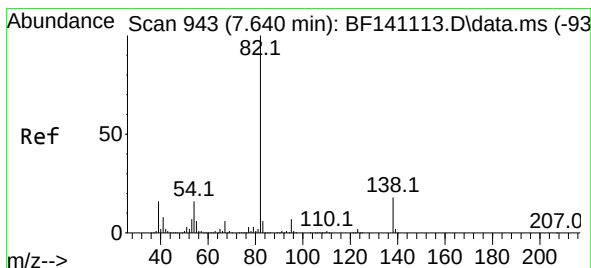
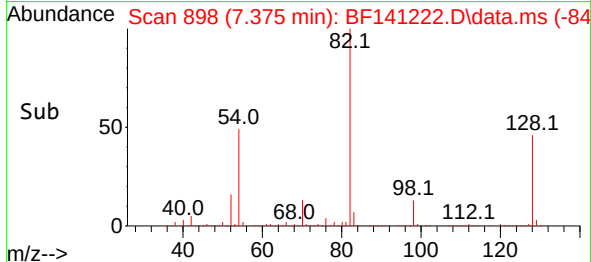
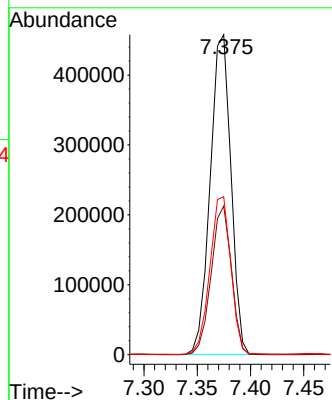
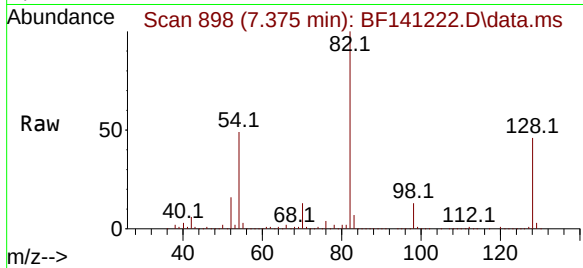




#23
Nitrobenzene-d5
Concen: 43.714 ng
RT: 7.375 min Scan# 898
Delta R.T. -0.012 min
Lab File: BF141222.D
Acq: 20 Jan 2025 15:05

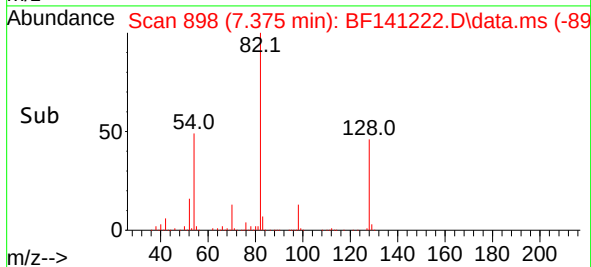
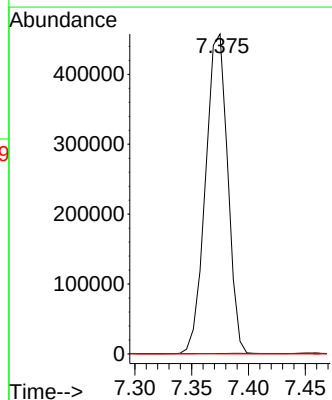
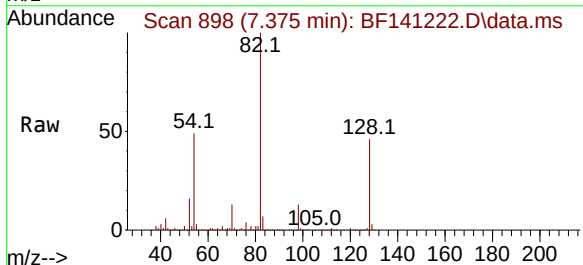
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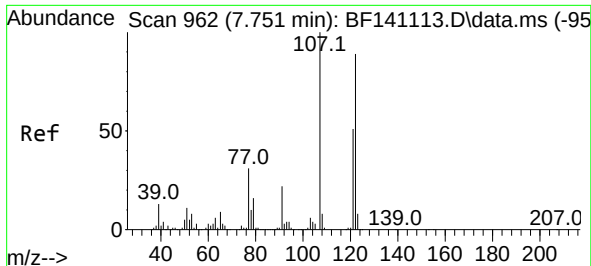
Tgt Ion: 82 Resp: 620361
Ion Ratio Lower Upper
82 100
128 46.4 36.1 54.1
54 49.3 41.0 61.4



#25
Isophorone
Concen: 25.525 ng
RT: 7.375 min Scan# 898
Delta R.T. -0.265 min
Lab File: BF141222.D
Acq: 20 Jan 2025 15:05

Tgt Ion: 82 Resp: 619054
Ion Ratio Lower Upper
82 100
95 0.1 5.9 8.9#
138 0.0 14.2 21.2#

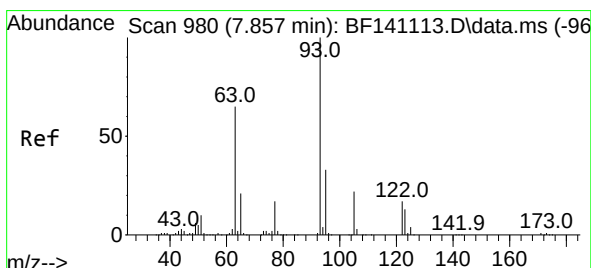
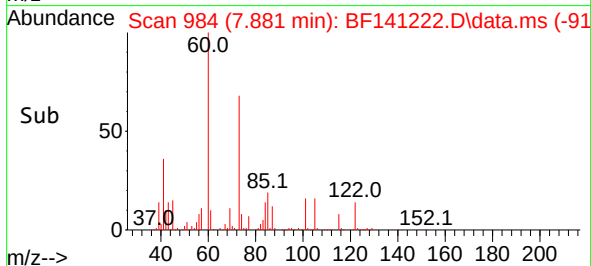
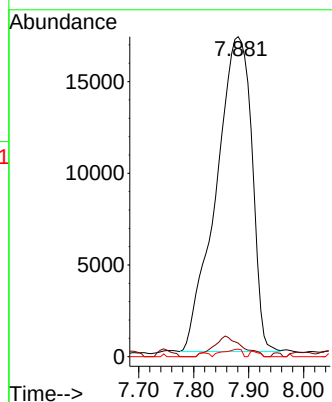
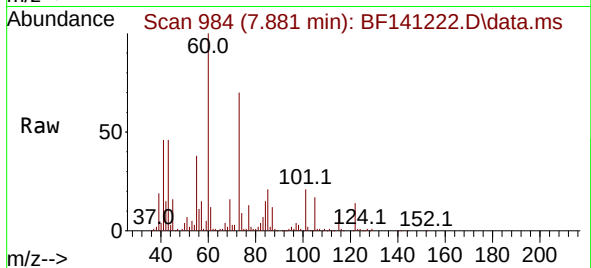




#27
2,4-Dimethylphenol
Concen: 8.595 ng
RT: 7.881 min Scan# 91
Delta R.T. 0.129 min
Lab File: BF141222.D
Acq: 20 Jan 2025 15:05

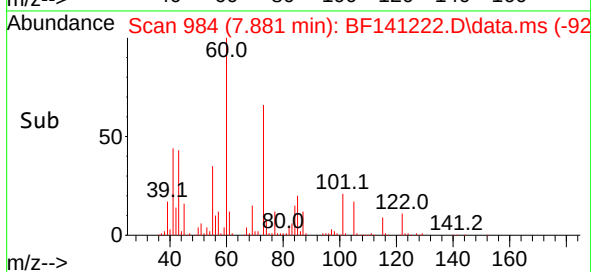
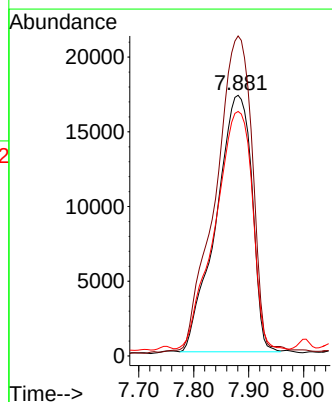
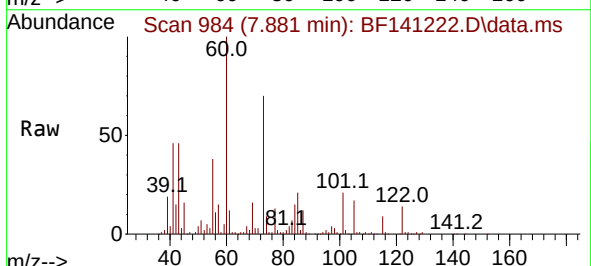
Instrument :
BNA_F
ClientSampleId :
FILTER CAKEDL

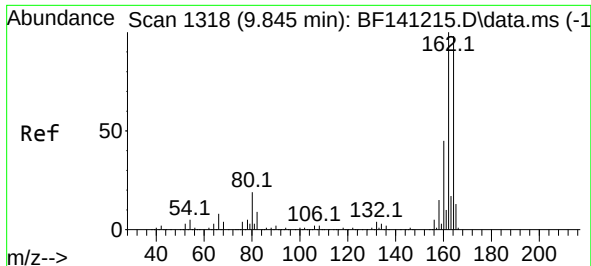
Tgt Ion:122 Resp: 78001
Ion Ratio Lower Upper
122 100
107 4.3 90.3 135.5#
121 2.4 46.5 69.7#



#32
Benzoic acid
Concen: 8.960 ng
RT: 7.881 min Scan# 984
Delta R.T. 0.024 min
Lab File: BF141222.D
Acq: 20 Jan 2025 15:05

Tgt Ion:122 Resp: 78001
Ion Ratio Lower Upper
122 100
105 122.7 105.5 145.5
77 93.8 75.1 115.1

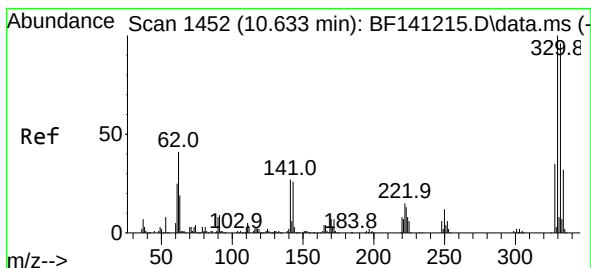
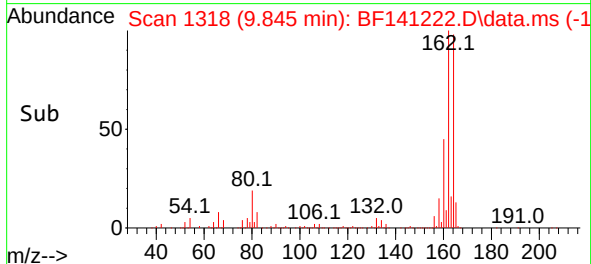
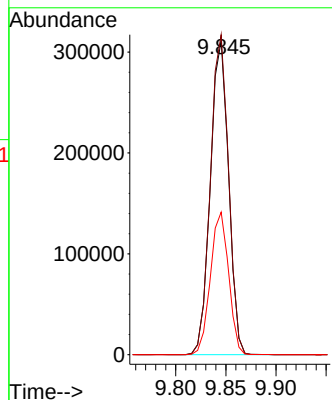
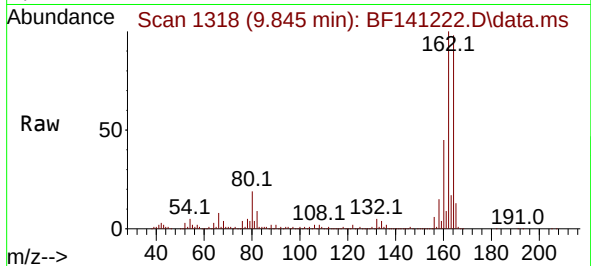




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1318
Delta R.T. -0.018 min
Lab File: BF141222.D
Acq: 20 Jan 2025 15:05

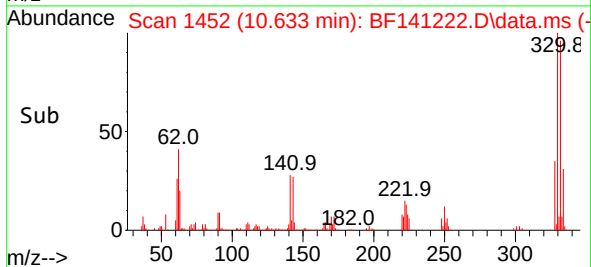
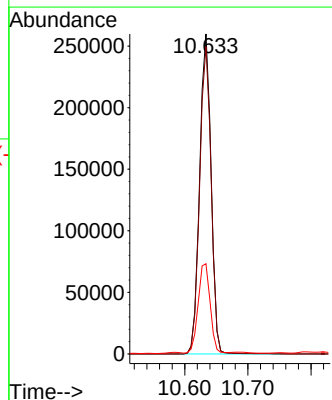
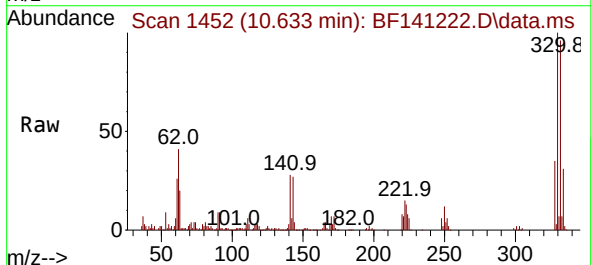
Instrument :
BNA_F
ClientSampleId :
FILTER CAKEDL

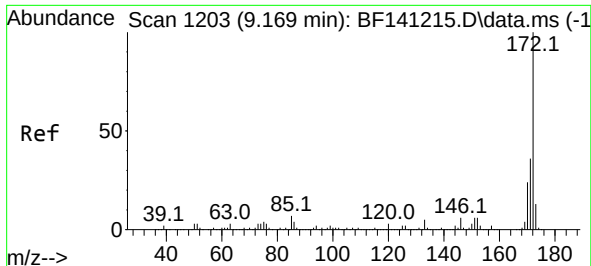
Tgt Ion:164 Resp: 393863
Ion Ratio Lower Upper
164 100
162 101.9 81.0 121.4
160 45.4 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 72.940 ng
RT: 10.633 min Scan# 1452
Delta R.T. -0.018 min
Lab File: BF141222.D
Acq: 20 Jan 2025 15:05

Tgt Ion:330 Resp: 327339
Ion Ratio Lower Upper
330 100
332 95.8 76.9 115.3
141 29.1 25.2 37.8

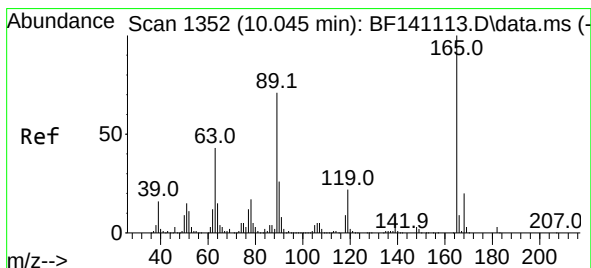
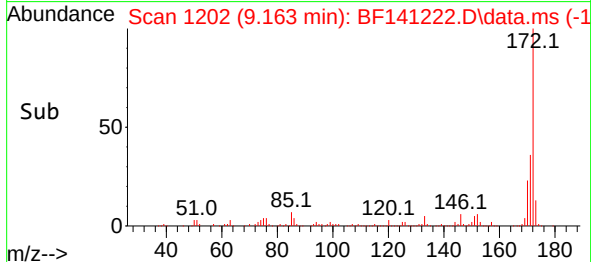
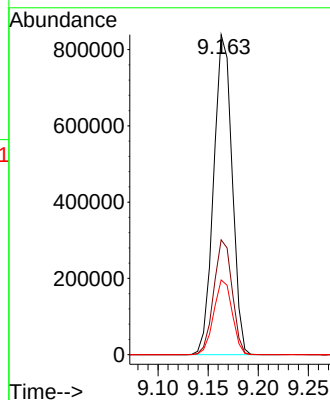
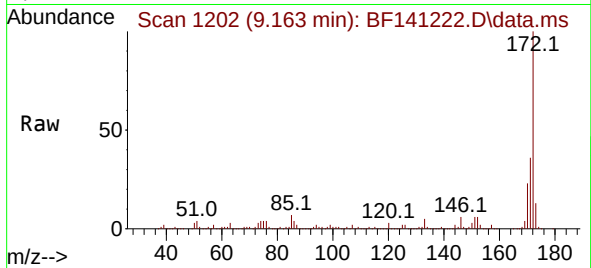




#45
2-Fluorobiphenyl
Concen: 41.597 ng
RT: 9.163 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141222.D
Acq: 20 Jan 2025 15:05

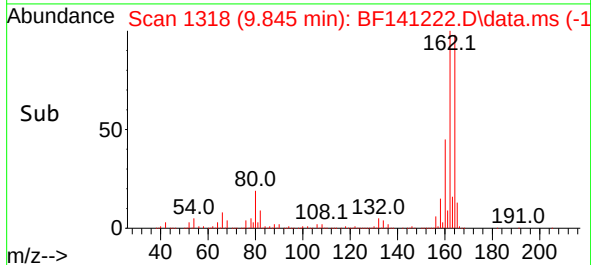
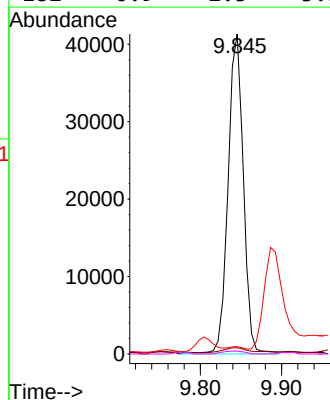
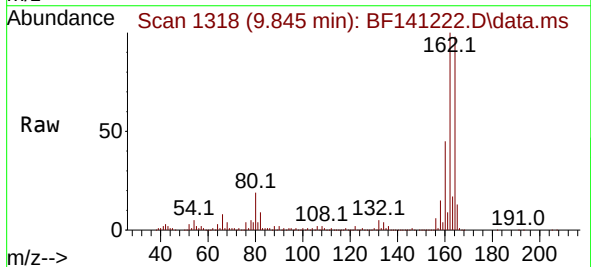
Instrument :
BNA_F
ClientSampleId :
FILTER CAKEDL

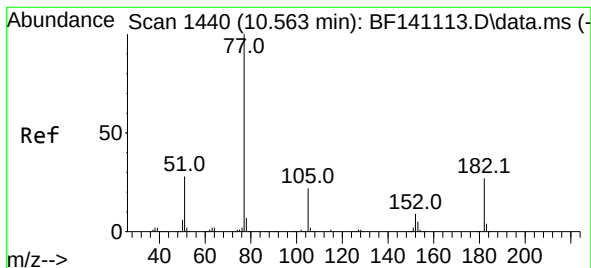
Tgt Ion:172 Resp: 1072881
Ion Ratio Lower Upper
172 100
171 35.9 28.7 43.1
170 23.4 19.0 28.6



#57
2,4-Dinitrotoluene
Concen: 6.850 ng
RT: 9.845 min Scan# 1318
Delta R.T. -0.200 min
Lab File: BF141222.D
Acq: 20 Jan 2025 15:05

Tgt Ion:165 Resp: 54280
Ion Ratio Lower Upper
165 100
63 2.0 35.0 52.4#
89 2.3 56.7 85.1#
182 0.9 2.3 3.5#





#63

Azobenzene

Concen: 3.116 ng

RT: 10.557 min Scan# 1440

Delta R.T. -0.006 min

Lab File: BF141222.D

Acq: 20 Jan 2025 15:05

Instrument :

BNA_F

ClientSampleId :

FILTER CAKEDL

Tgt Ion: 77 Resp: 79357

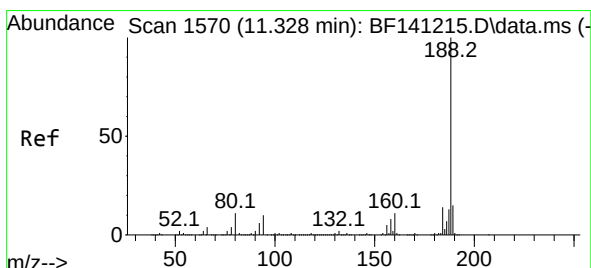
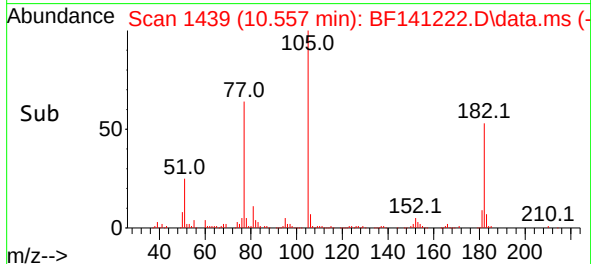
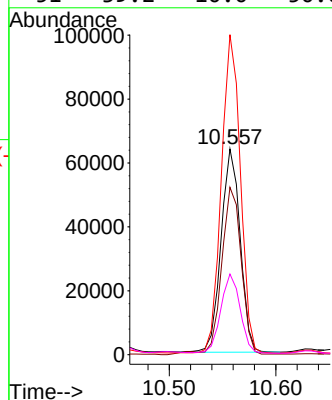
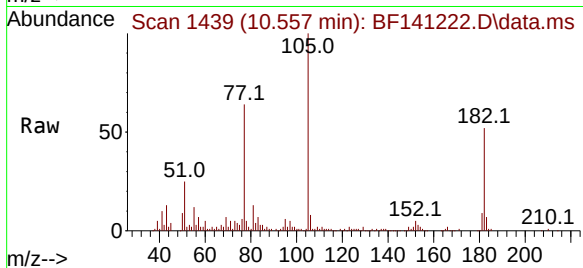
Ion Ratio Lower Upper

77 100

182 81.3 6.1 46.1#

105 155.6 2.1 42.1#

51 39.2 10.0 50.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.328 min Scan# 1570

Delta R.T. -0.018 min

Lab File: BF141222.D

Acq: 20 Jan 2025 15:05

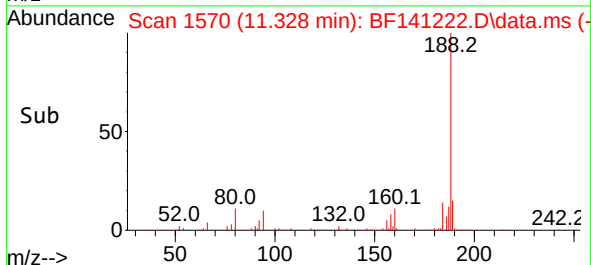
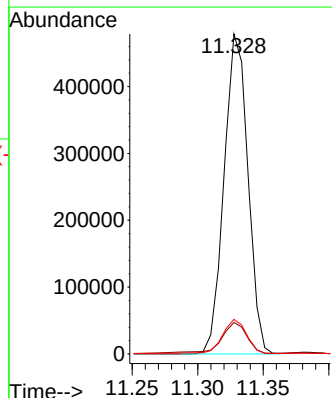
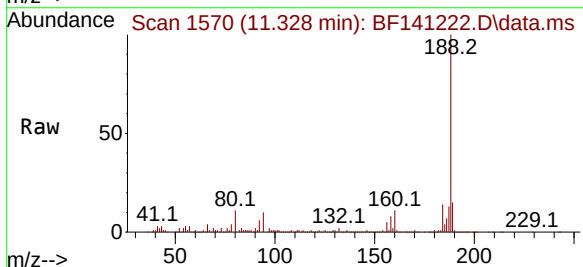
Tgt Ion:188 Resp: 605223

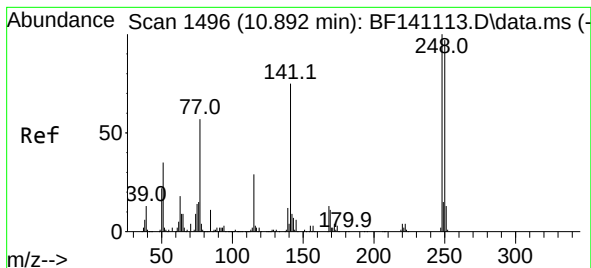
Ion Ratio Lower Upper

188 100

94 9.9 8.3 12.5

80 10.8 9.0 13.4

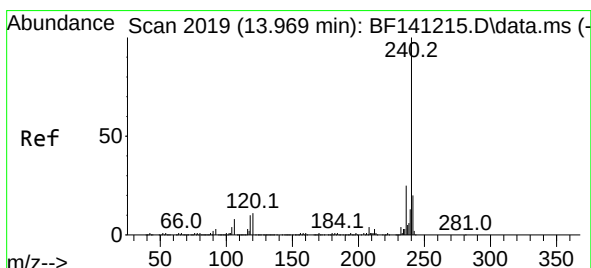
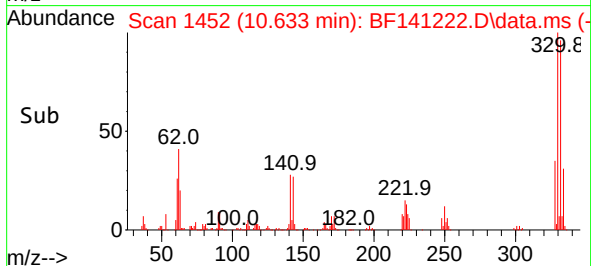
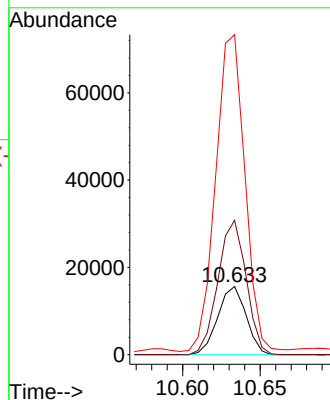
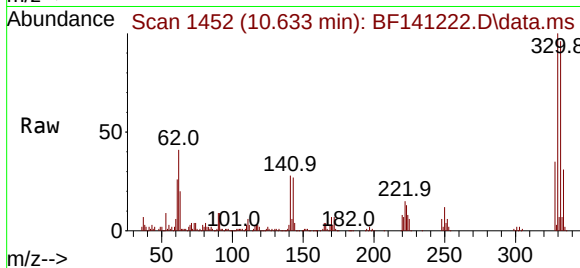




#67
4-Bromophenyl-phenylether
Concen: 2.848 ng
RT: 10.633 min Scan# 14
Delta R.T. -0.259 min
Lab File: BF141222.D
Acq: 20 Jan 2025 15:05

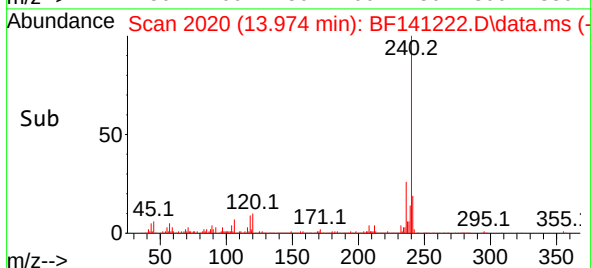
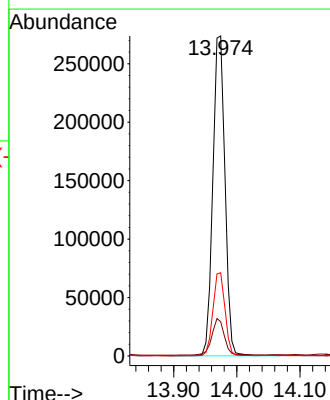
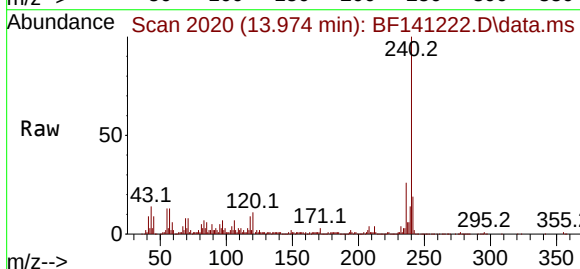
Instrument :
BNA_F
ClientSampleId :
FILTER CAKEDL

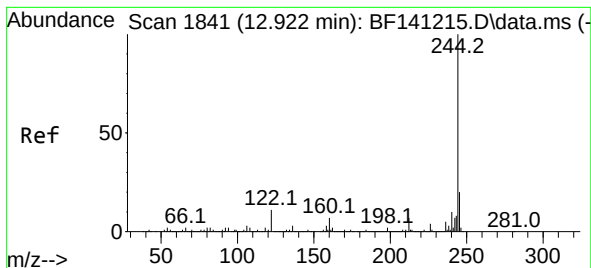
Tgt Ion:248 Resp: 19843
Ion Ratio Lower Upper
248 100
250 197.1 77.9 116.9#
141 469.0 59.9 89.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2020
Delta R.T. -0.012 min
Lab File: BF141222.D
Acq: 20 Jan 2025 15:05

Tgt Ion:240 Resp: 364877
Ion Ratio Lower Upper
240 100
120 10.7 9.1 13.7
236 26.0 19.8 29.6





#79

Terphenyl-d14

Concen: 27.400 ng

RT: 12.922 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141222.D

Acq: 20 Jan 2025 15:05

Instrument :

BNA_F

ClientSampleId :

FILTER CAKEDL

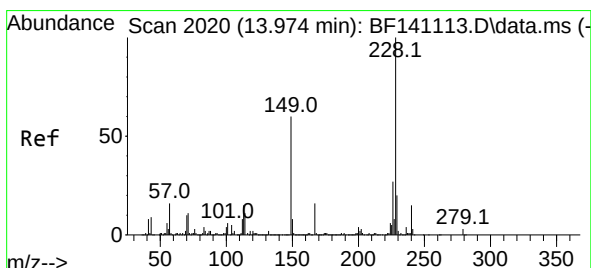
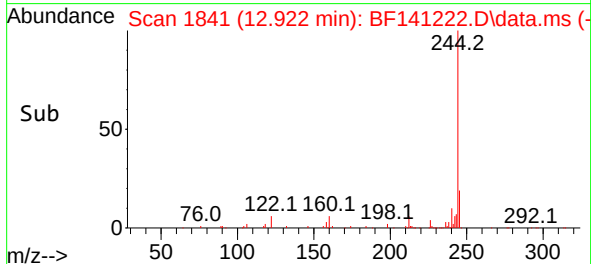
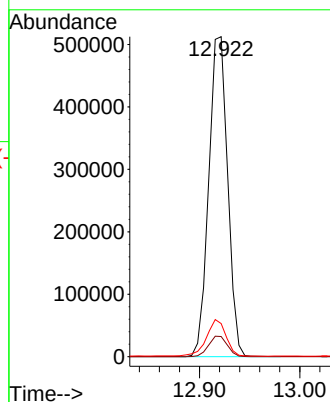
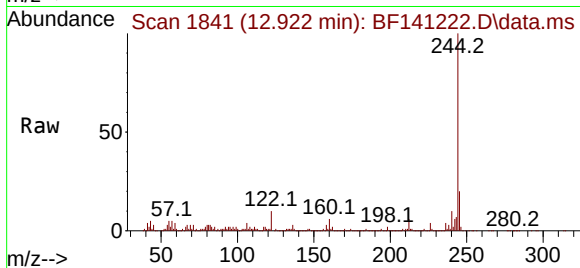
Tgt Ion:244 Resp: 672655

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.2

122 10.4 8.8 13.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.291 ng

RT: 13.957 min Scan# 2017

Delta R.T. -0.018 min

Lab File: BF141222.D

Acq: 20 Jan 2025 15:05

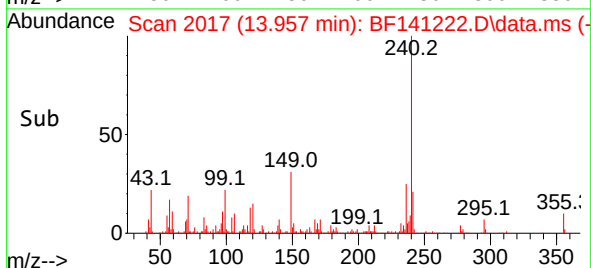
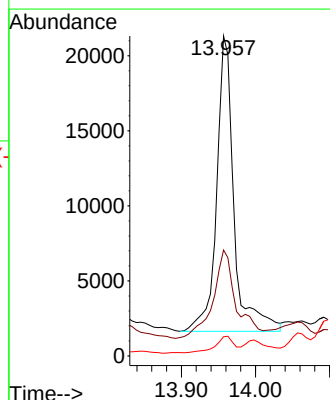
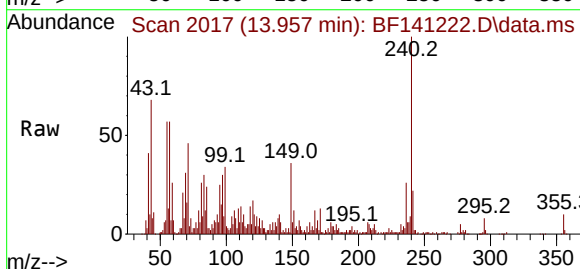
Tgt Ion:149 Resp: 31946

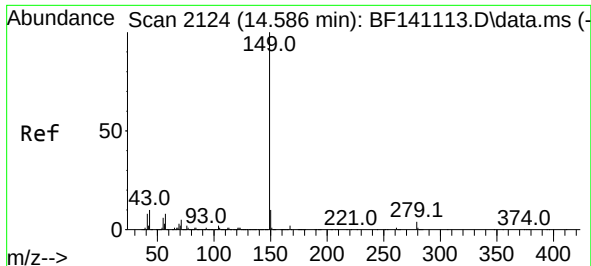
Ion Ratio Lower Upper

149 100

167 33.1 21.4 32.2#

279 6.0 3.4 5.2#

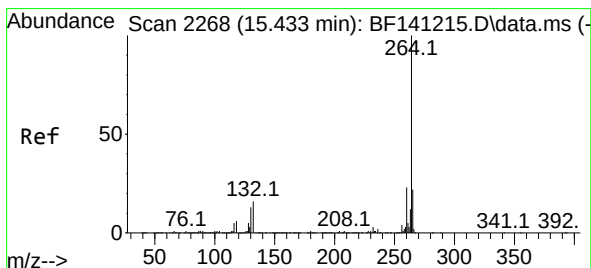
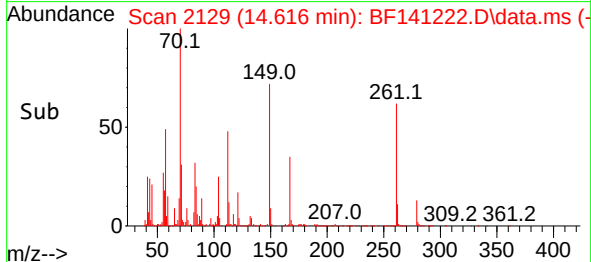
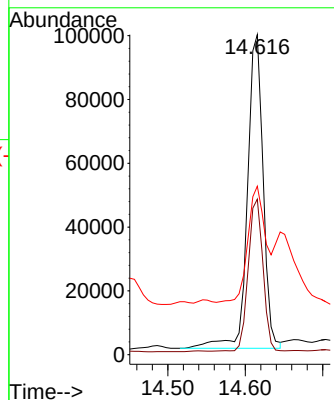
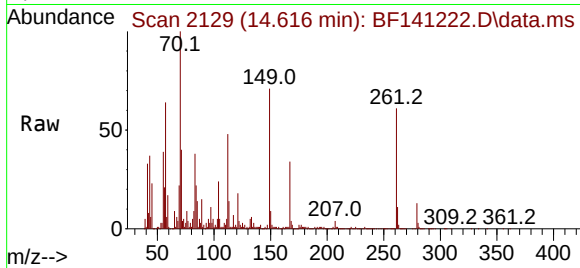




#85
Di-n-octyl phthalate
Concen: 6.578 ng
RT: 14.616 min Scan# 2129
Delta R.T. 0.029 min
Lab File: BF141222.D
Acq: 20 Jan 2025 15:05

Instrument :
BNA_F
ClientSampleId :
FILTER CAKEDL

Tgt Ion:149 Resp: 138477
Ion Ratio Lower Upper
149 100
167 45.1 1.3 1.9#
43 40.5 8.4 12.6#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.433 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF141222.D
Acq: 20 Jan 2025 15:05

Tgt Ion:264 Resp: 398892
Ion Ratio Lower Upper
264 100
260 23.1 18.6 28.0
265 21.5 17.4 26.0

