

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031622\
 Data File : BF127357.D
 Acq On : 16 Mar 2022 19:58
 Operator : CG\JU
 Sample : N1955-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1335

Quant Time: Mar 17 02:36:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 10 16:51:53 2022
 Response via : Initial Calibration

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

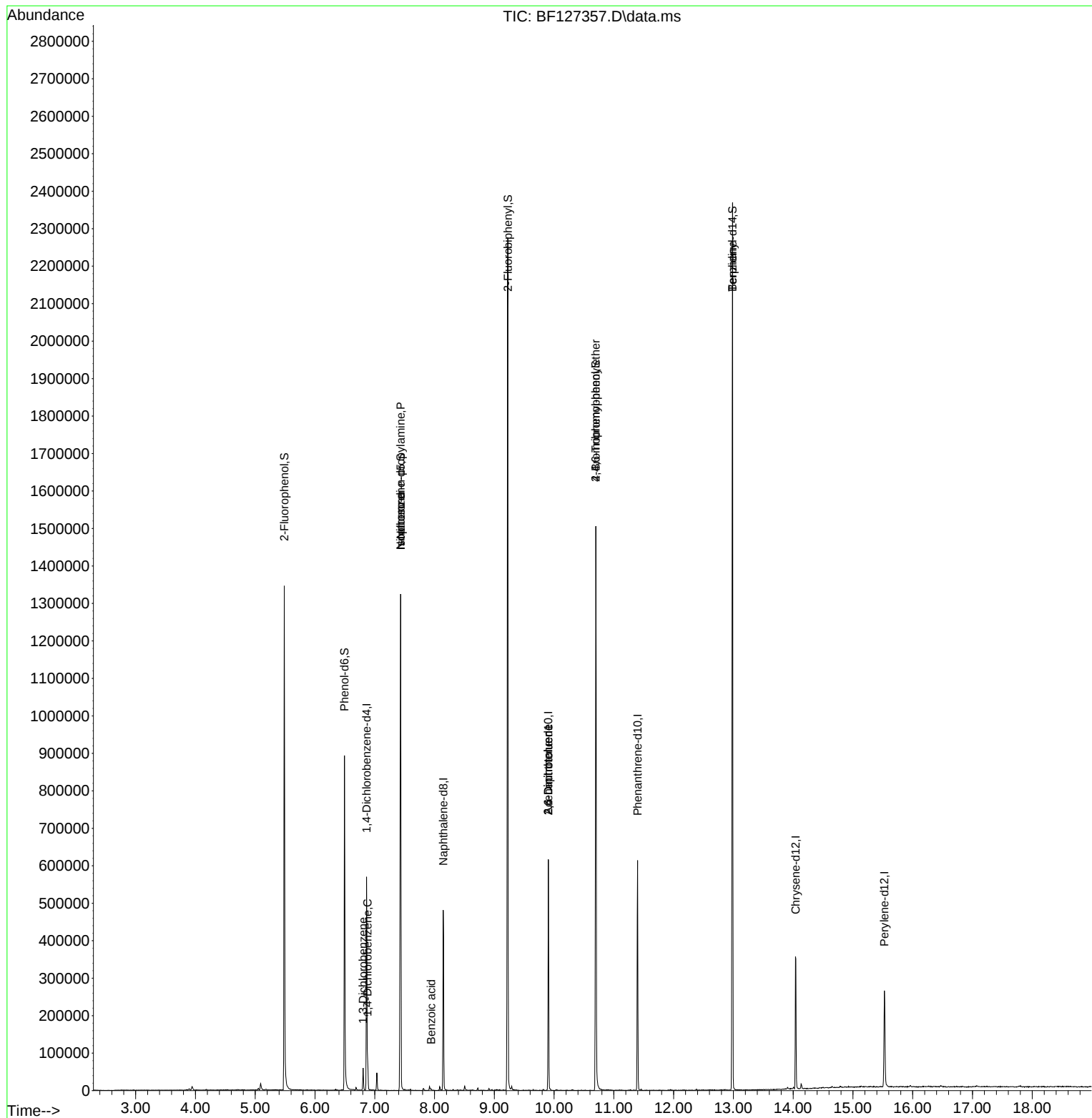
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	74544	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	190633	20.000	ng	#-0.01
39) Acenaphthene-d10	9.904	164	114016	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	208462	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	131996	20.000	ng	# 0.00
86) Perylene-d12	15.527	264	123447	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	292039	62.979	ng	0.00
7) Phenol-d6	6.493	99	258457	40.517	ng	-0.01
23) Nitrobenzene-d5	7.434	82	397084	86.023	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	168608	137.373	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	713426	88.464	ng	0.00
79) Terphenyl-d14	12.986	244	786823	102.645	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.493	77	446	Below Cal	#	3
12) 1,3-Dichlorobenzene	6.804	146	11171	2.075	ng	96
13) 1,4-Dichlorobenzene	6.881	146	13801	2.555	ng	97
19) n-Nitroso-di-n-propyla...	7.434	70	55246	13.878	ng	# 87
25) Isophorone	7.434	82	397084	53.498	ng	# 69
32) Benzoic acid	7.945	122	1446	7.284	ng	# 6
51) 2,6-Dinitrotoluene	9.904	165	14078	8.518	ng	# 21
57) 2,4-Dinitrotoluene	9.904	165	14078	6.474	ng	# 15
67) 4-Bromophenyl-phenylether	10.698	248	11822	4.705	ng	# 1
77) Benzidine	12.986	184	10753	3.203	ng	# 96

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

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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
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Quant Time: Mar 17 02:36:25 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 10 16:51:53 2022
Response via : Initial Calibration

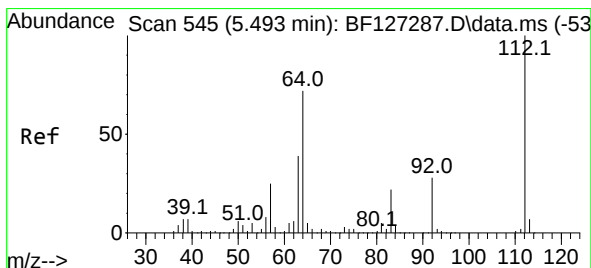
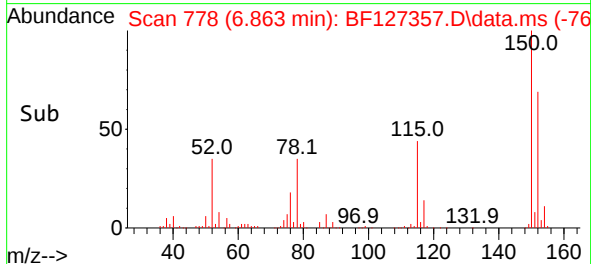
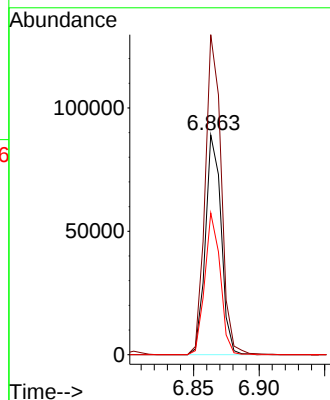
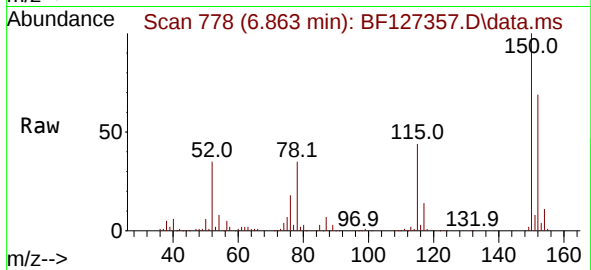




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127357.D
Acq: 16 Mar 2022 19:58

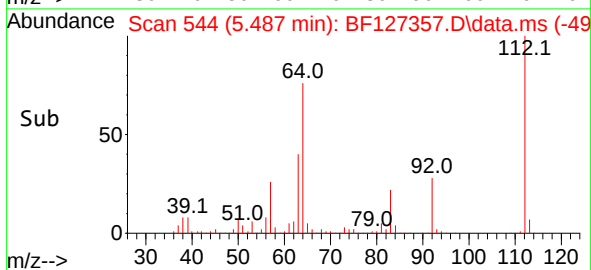
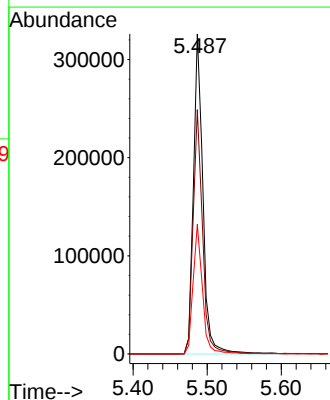
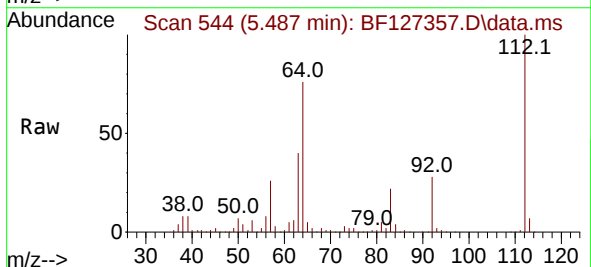
Instrument :
BNA_F
ClientSampleId :
1335

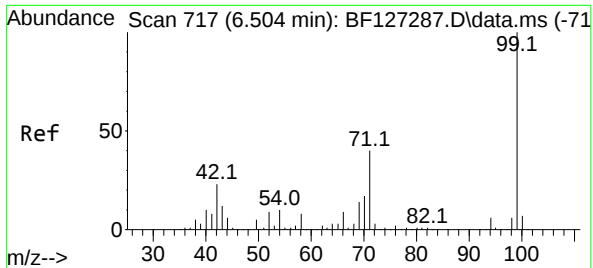
Tgt Ion:152 Resp: 74544
Ion Ratio Lower Upper
152 100
150 145.7 128.1 192.1
115 64.5 56.7 85.1



#5
2-Fluorophenol
Concen: 62.979 ng
RT: 5.487 min Scan# 544
Delta R.T. -0.006 min
Lab File: BF127357.D
Acq: 16 Mar 2022 19:58

Tgt Ion:112 Resp: 292039
Ion Ratio Lower Upper
112 100
64 76.4 49.5 74.3#
63 40.5 23.9 35.9#





#7

Phenol-d6

Concen: 40.517 ng

RT: 6.493 min Scan# 715

Delta R.T. -0.012 min

Lab File: BF127357.D

Acq: 16 Mar 2022 19:58

Instrument :

BNA_F

ClientSampleId :

1335

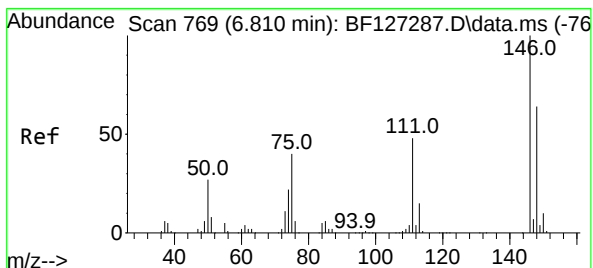
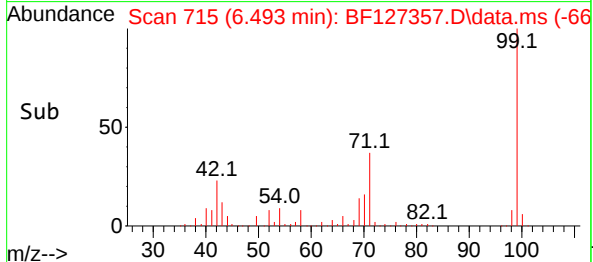
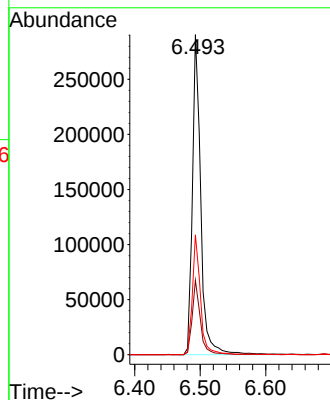
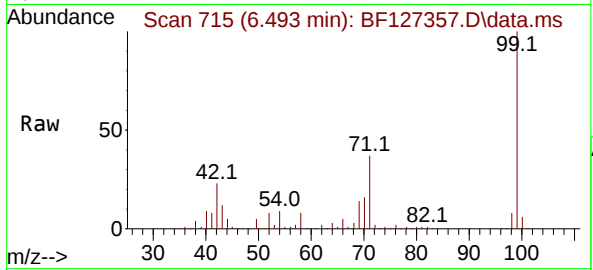
Tgt Ion: 99 Resp: 258457

Ion Ratio Lower Upper

99 100

42 23.3 14.2 21.4#

71 37.5 24.3 36.5#



#12

1,3-Dichlorobenzene

Concen: 2.075 ng

RT: 6.804 min Scan# 768

Delta R.T. -0.006 min

Lab File: BF127357.D

Acq: 16 Mar 2022 19:58

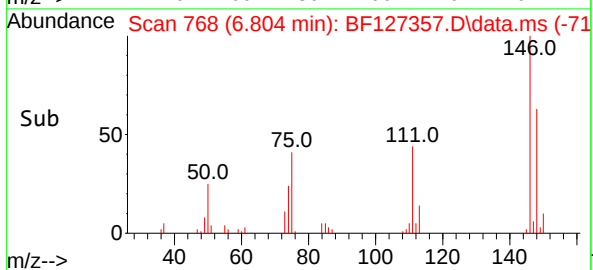
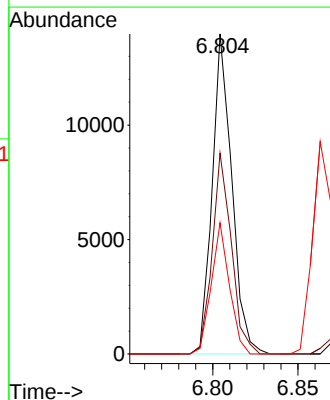
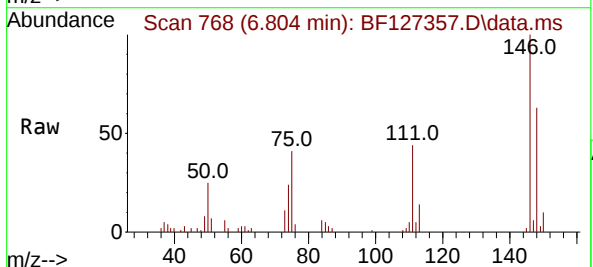
Tgt Ion: 146 Resp: 11171

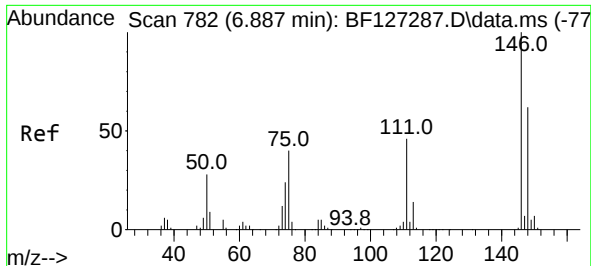
Ion Ratio Lower Upper

146 100

148 62.8 50.9 76.3

75 41.0 28.4 42.6

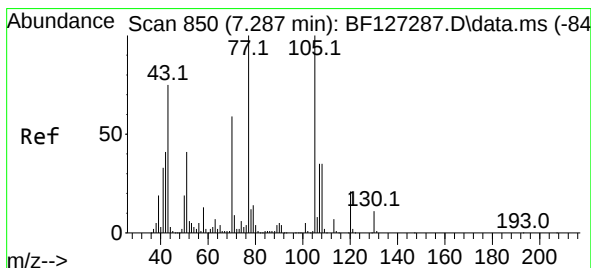
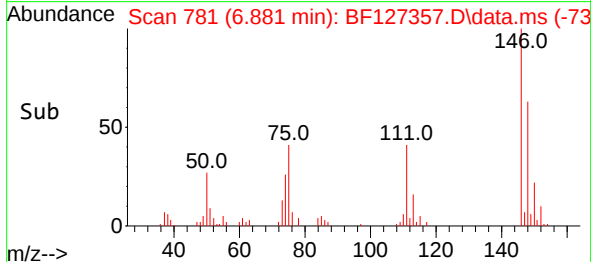
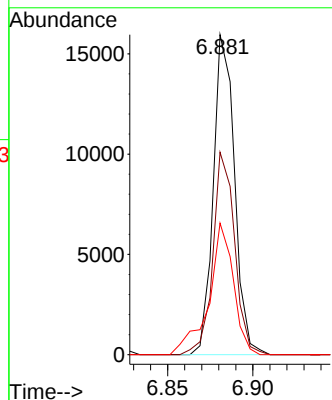
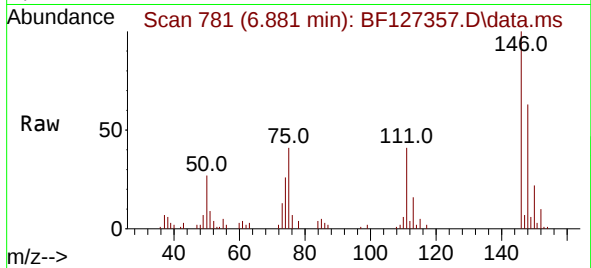




#13
1,4-Dichlorobenzene
Concen: 2.555 ng
RT: 6.881 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF127357.D
Acq: 16 Mar 2022 19:58

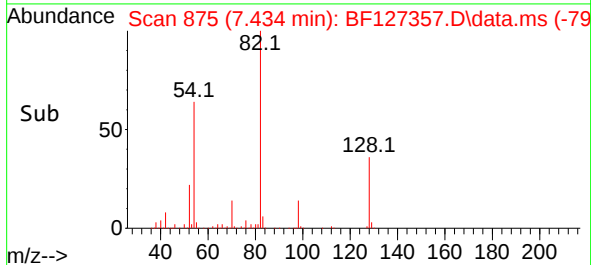
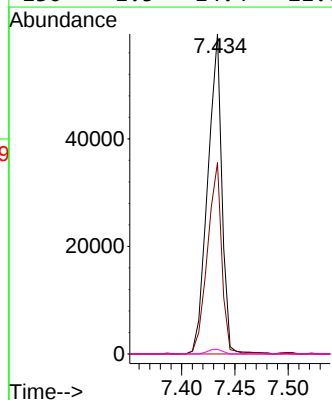
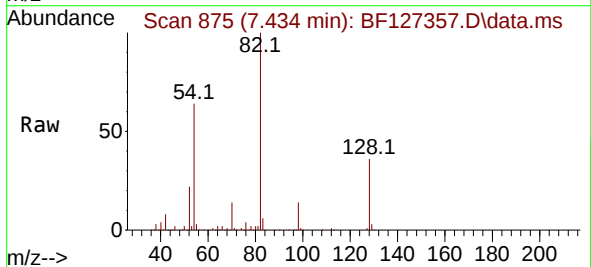
Instrument :
BNA_F
ClientSampleId :
1335

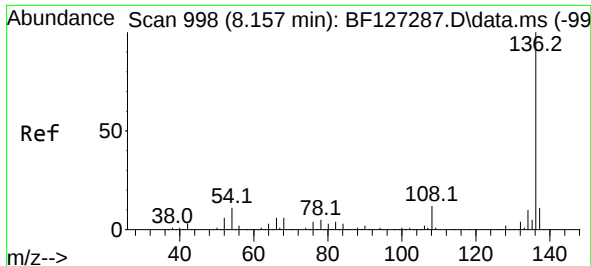
Tgt Ion:146 Resp: 13801
Ion Ratio Lower Upper
146 100
148 63.3 49.8 74.6
111 41.1 36.1 54.1



#19
n-Nitroso-di-n-propylamine
Concen: 13.878 ng
RT: 7.434 min Scan# 875
Delta R.T. 0.147 min
Lab File: BF127357.D
Acq: 16 Mar 2022 19:58

Tgt Ion: 70 Resp: 55246
Ion Ratio Lower Upper
70 100
42 59.8 45.8 68.8
101 0.0 6.9 10.3#
130 1.5 14.4 21.6#

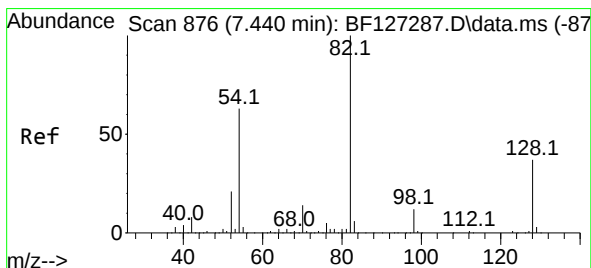
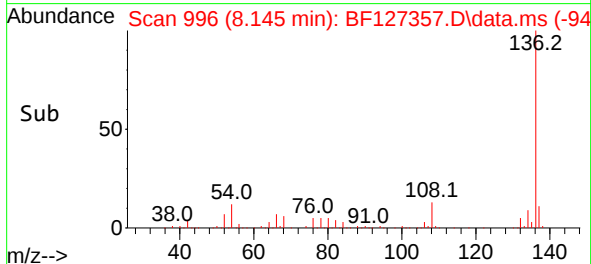
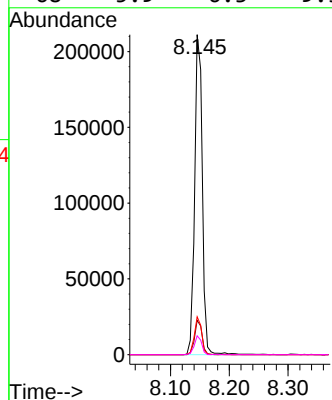
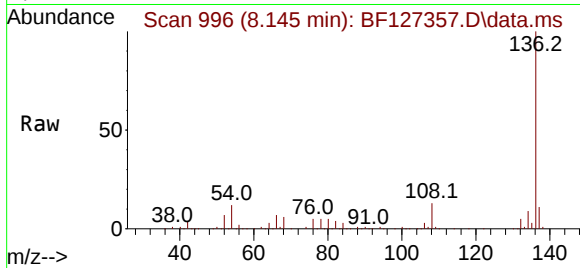




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 998
Delta R.T. -0.012 min
Lab File: BF127357.D
Acq: 16 Mar 2022 19:58

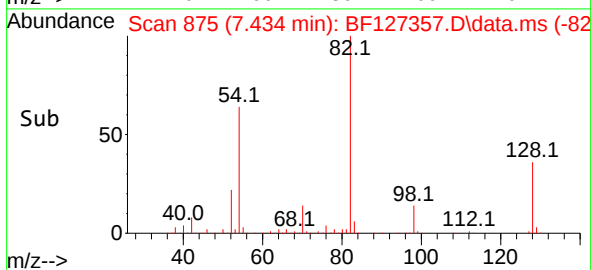
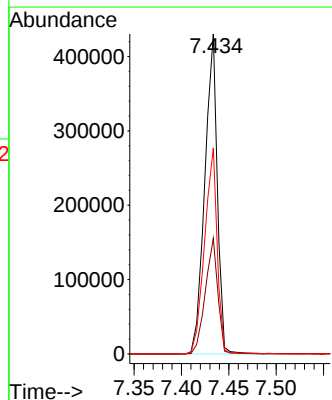
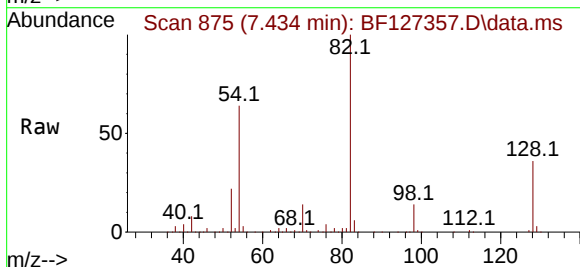
Instrument :
BNA_F
ClientSampleId :
1335

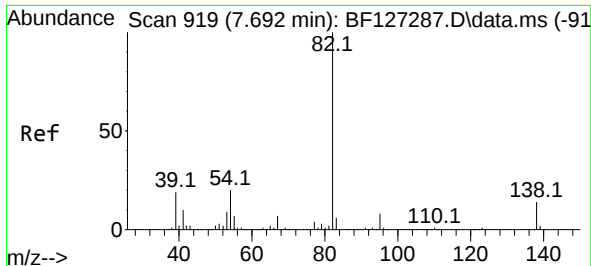
Tgt Ion:	136	Resp:	190633
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.6	13.0
54	11.9	7.8	11.6#
68	5.9	6.3	9.5#



#23
Nitrobenzene-d5
Concen: 86.023 ng
RT: 7.434 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF127357.D
Acq: 16 Mar 2022 19:58

Tgt Ion:	82	Resp:	397084
Ion Ratio	Lower	Upper	
82	100		
128	36.1	32.7	49.1
54	64.4	41.7	62.5#

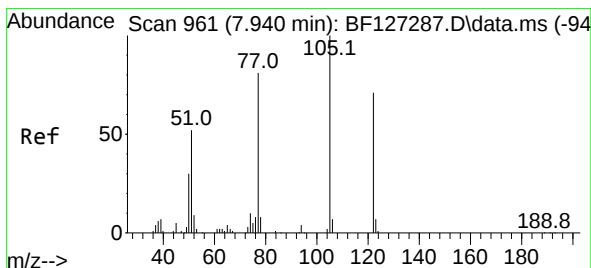
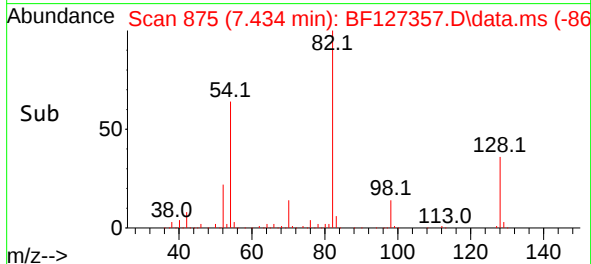
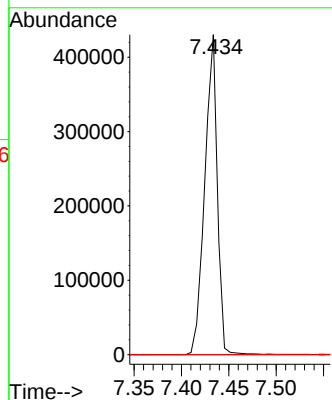
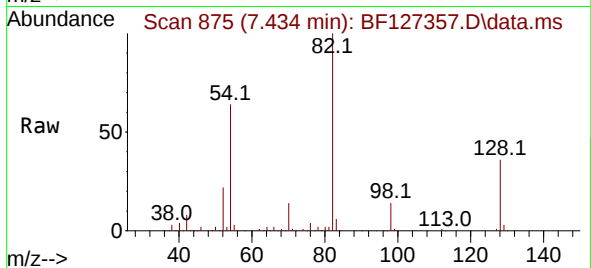




#25
Isophorone
Concen: 53.498 ng
RT: 7.434 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127357.D
Acq: 16 Mar 2022 19:58

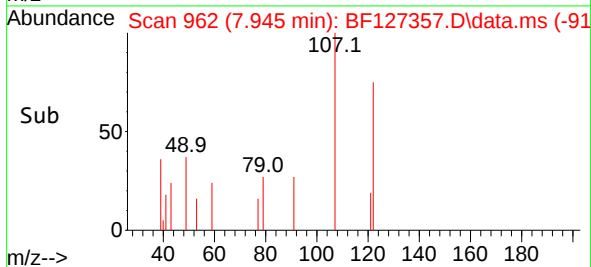
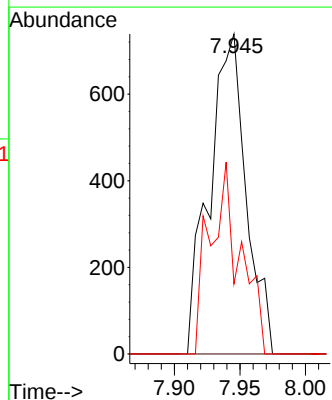
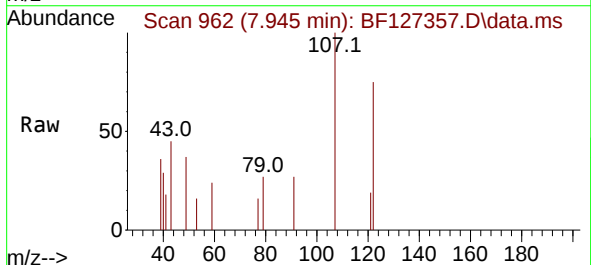
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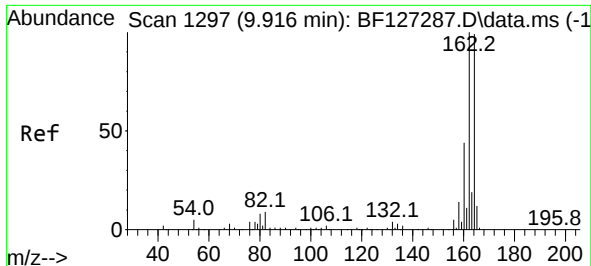
Tgt Ion: 82 Resp: 397084
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#32
Benzoic acid
Concen: 7.284 ng
RT: 7.945 min Scan# 962
Delta R.T. 0.005 min
Lab File: BF127357.D
Acq: 16 Mar 2022 19:58

Tgt Ion:122 Resp: 1446
Ion Ratio Lower Upper
122 100
105 0.0 101.0 141.0#
77 21.9 74.5 114.5#

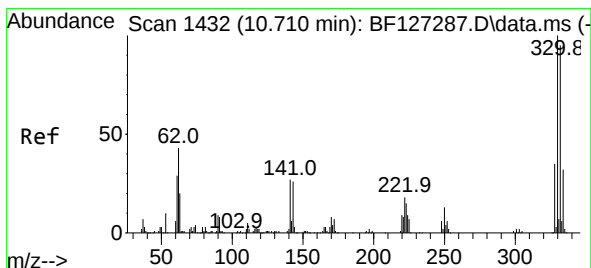
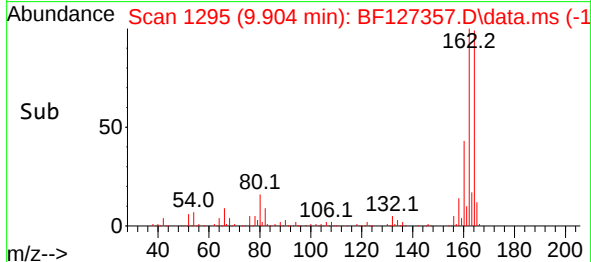
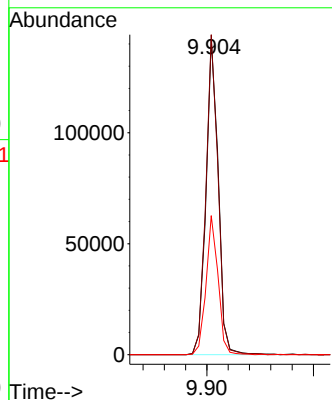
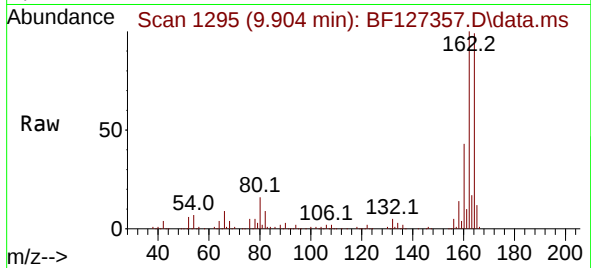




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127357.D
Acq: 16 Mar 2022 19:58

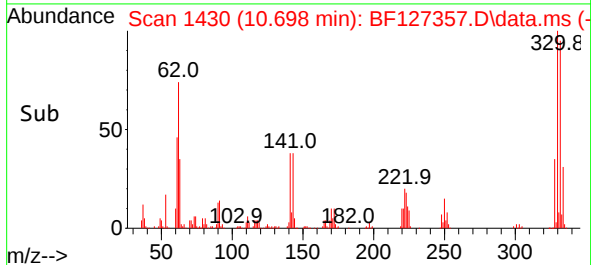
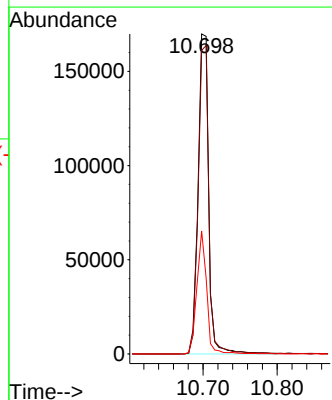
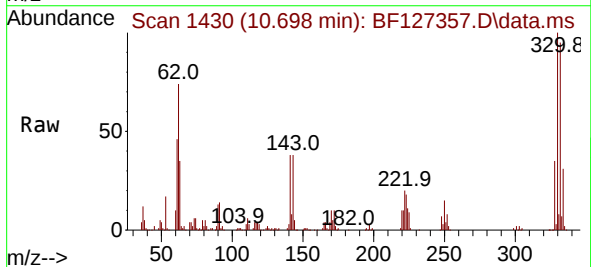
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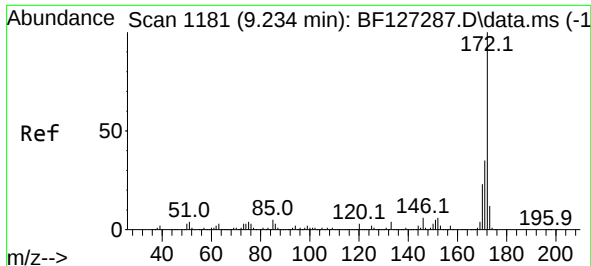
Tgt Ion:164 Resp: 114016
Ion Ratio Lower Upper
164 100
162 101.3 81.4 122.0
160 44.0 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 137.373 ng
RT: 10.698 min Scan# 1430
Delta R.T. -0.012 min
Lab File: BF127357.D
Acq: 16 Mar 2022 19:58

Tgt Ion:330 Resp: 168608
Ion Ratio Lower Upper
330 100
332 95.9 76.0 114.0
141 35.5 30.1 45.1

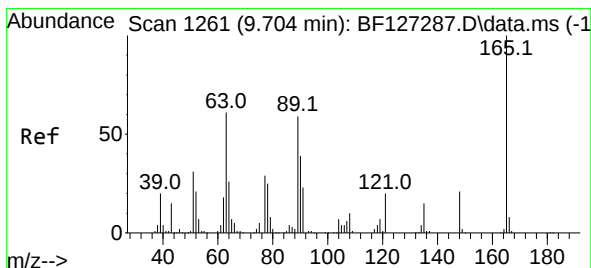
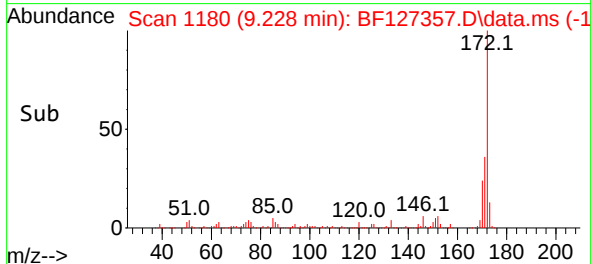
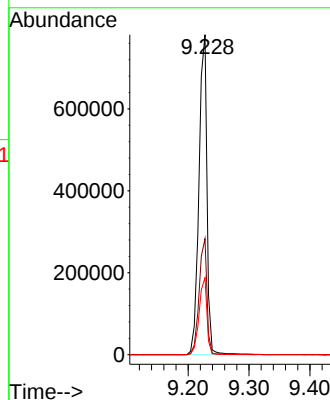
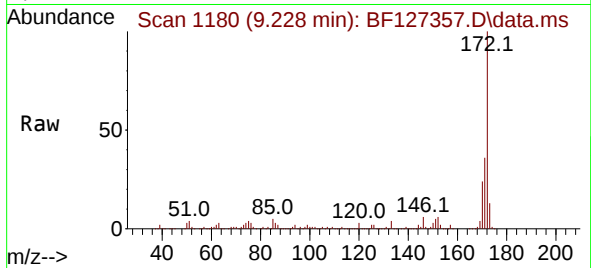




#45
2-Fluorobiphenyl
Concen: 88.464 ng
RT: 9.228 min Scan# 1181
Delta R.T. -0.006 min
Lab File: BF127357.D
Acq: 16 Mar 2022 19:58

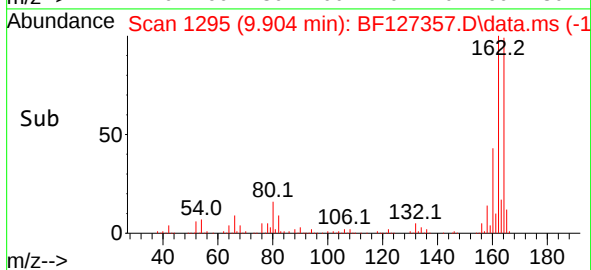
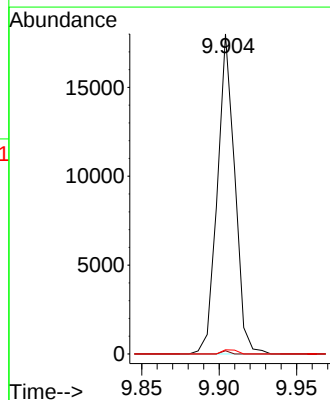
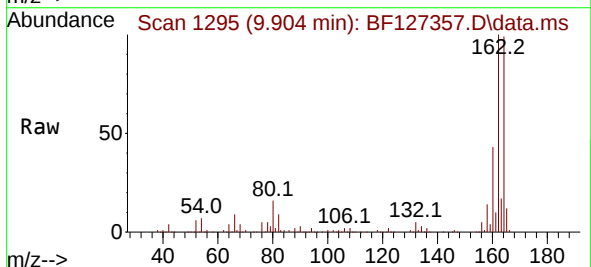
Instrument :
BNA_F
ClientSampleId :
1335

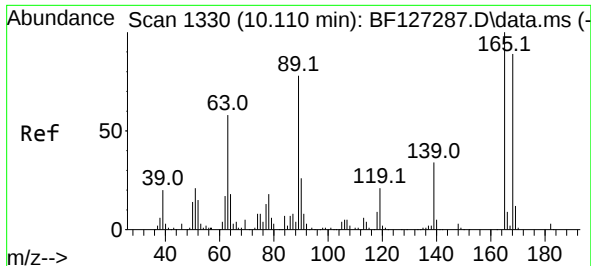
Tgt Ion:172 Resp: 713426
Ion Ratio Lower Upper
172 100
171 36.2 28.3 42.5
170 24.1 19.0 28.6



#51
2,6-Dinitrotoluene
Concen: 8.518 ng
RT: 9.904 min Scan# 1295
Delta R.T. 0.200 min
Lab File: BF127357.D
Acq: 16 Mar 2022 19:58

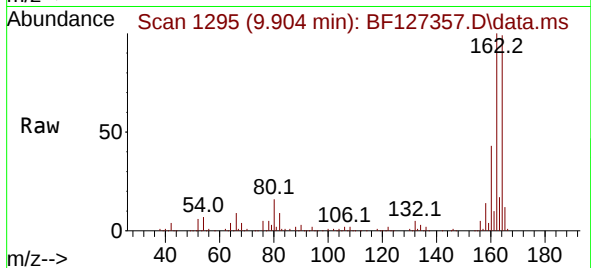
Tgt Ion:165 Resp: 14078
Ion Ratio Lower Upper
165 100
63 1.0 48.4 72.6#
89 1.3 50.5 75.7#



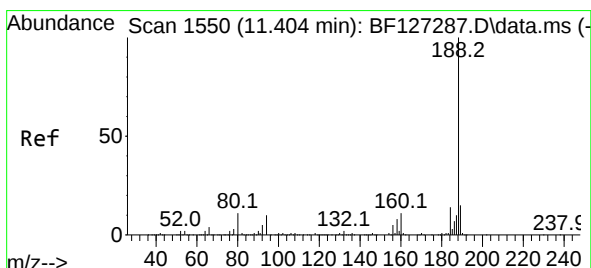
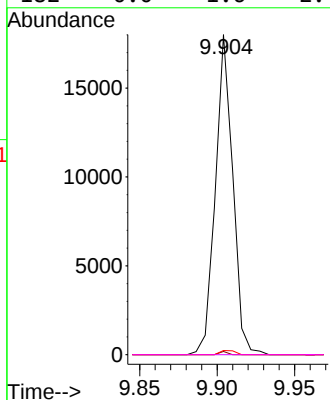
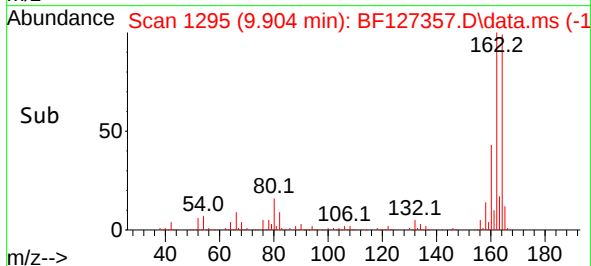


#57
2,4-Dinitrotoluene
Concen: 6.474 ng
RT: 9.904 min Scan# 11335
Delta R.T. -0.206 min
Lab File: BF127357.D
Acq: 16 Mar 2022 19:58

Instrument :
BNA_F
ClientSampleId :
1335

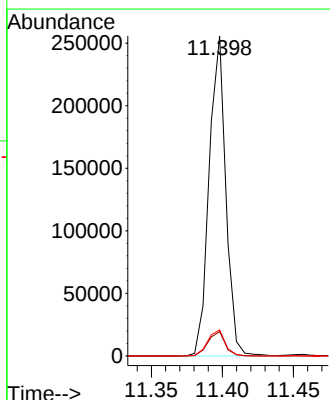
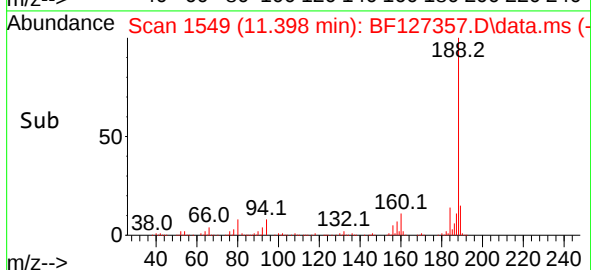
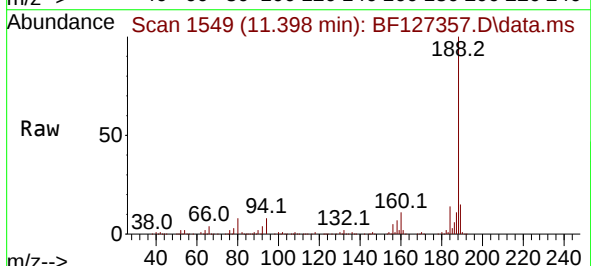


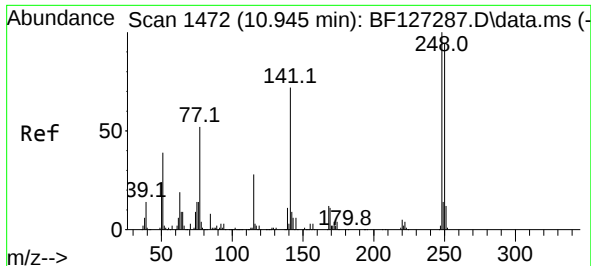
Tgt Ion:165 Resp: 14078
Ion Ratio Lower Upper
165 100
63 1.0 43.0 64.6#
89 1.3 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1549
Delta R.T. -0.006 min
Lab File: BF127357.D
Acq: 16 Mar 2022 19:58

Tgt Ion:188 Resp: 208462
Ion Ratio Lower Upper
188 100
94 7.6 10.1 15.1#
80 8.1 11.8 17.6#

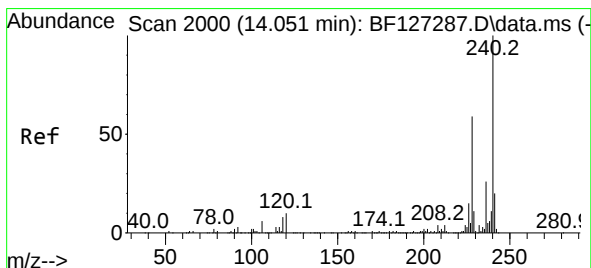
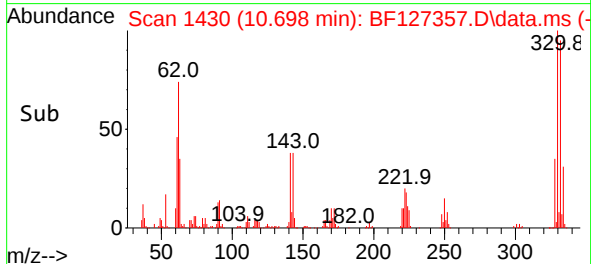
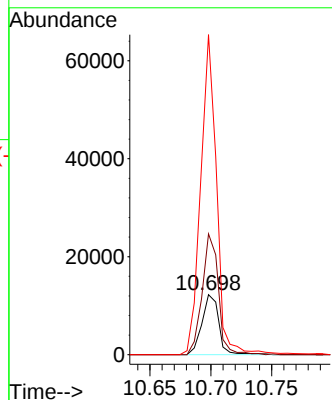
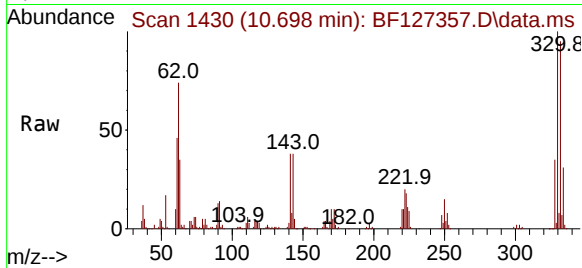




#67
4-Bromophenyl-phenylether
Concen: 4.705 ng
RT: 10.698 min Scan# 1472
Delta R.T. -0.247 min
Lab File: BF127357.D
Acq: 16 Mar 2022 19:58

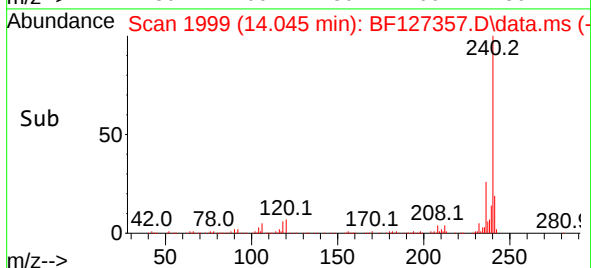
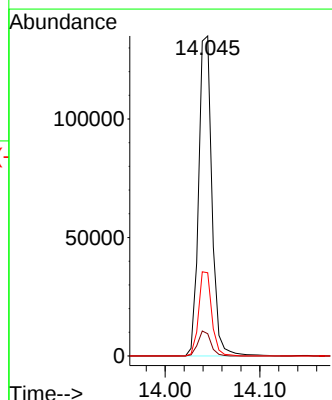
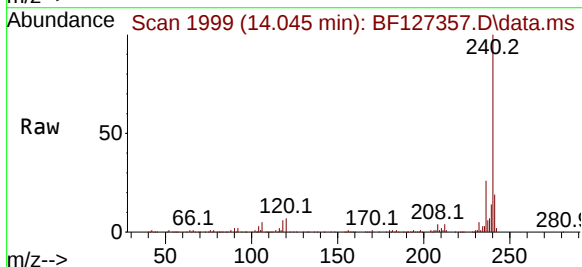
Instrument :
BNA_F
ClientSampleId :
1335

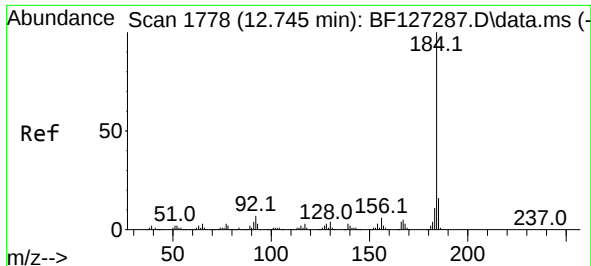
Tgt Ion:248 Resp: 11822
Ion Ratio Lower Upper
248 100
250 201.0 76.2 114.4#
141 532.7 66.2 99.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BF127357.D
Acq: 16 Mar 2022 19:58

Tgt Ion:240 Resp: 131996
Ion Ratio Lower Upper
240 100
120 7.0 14.4 21.6#
236 26.0 20.5 30.7

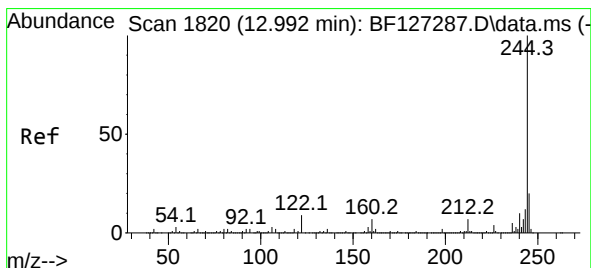
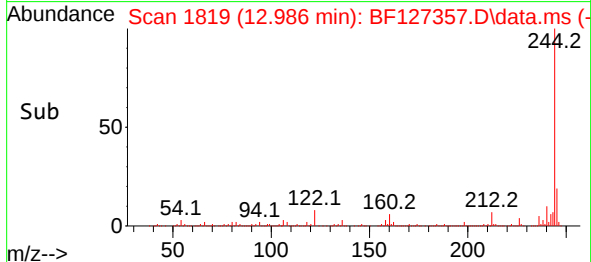
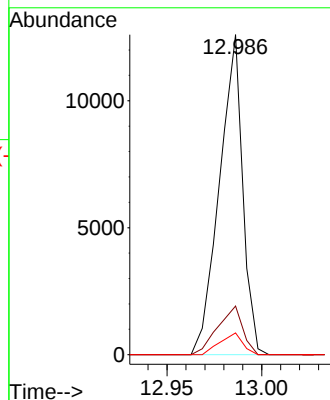
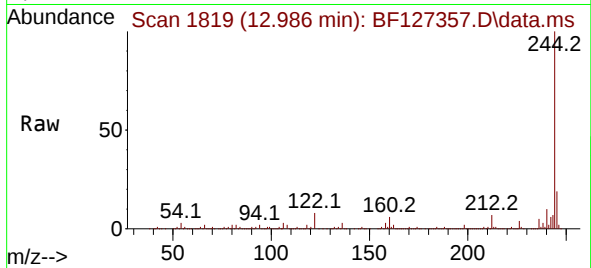




#77
Benzidine
Concen: 3.203 ng
RT: 12.986 min Scan# 1819
Delta R.T. 0.241 min
Lab File: BF127357.D
Acq: 16 Mar 2022 19:58

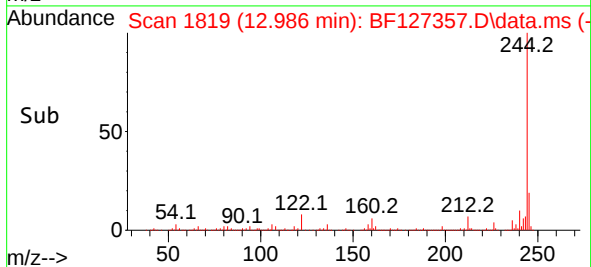
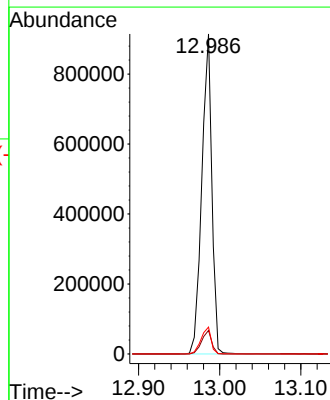
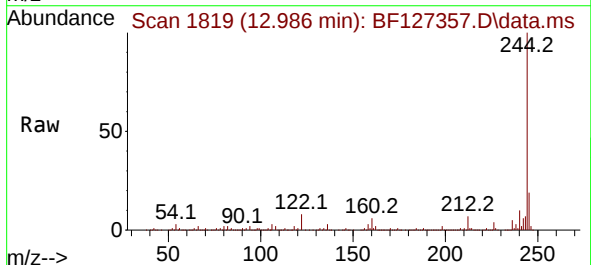
Instrument :
BNA_F
ClientSampleId :
1335

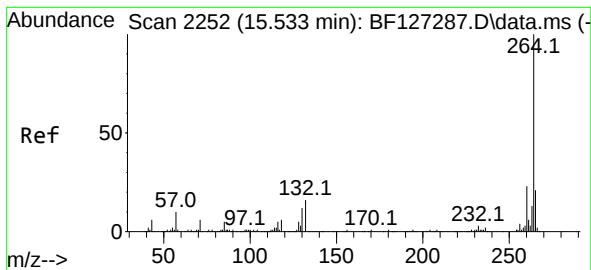
Tgt Ion:184 Resp: 10753
Ion Ratio Lower Upper
184 100
185 15.2 11.8 17.8
183 6.8 8.2 12.2#



#79
Terphenyl-d14
Concen: 102.645 ng
RT: 12.986 min Scan# 1819
Delta R.T. -0.006 min
Lab File: BF127357.D
Acq: 16 Mar 2022 19:58

Tgt Ion:244 Resp: 786823
Ion Ratio Lower Upper
244 100
212 7.3 5.0 7.4
122 8.4 13.3 19.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF127357.D
Acq: 16 Mar 2022 19:58

Instrument :
BNA_F
ClientSampleId :
1335

Tgt Ion:264 Resp: 123447

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	20.2	17.4	26.2

