

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060923\
 Data File : BF133687.D
 Acq On : 09 Jun 2023 21:09
 Operator : CG\JU
 Sample : 03029-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-9

Quant Time: Jun 09 22:26:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 09 15:37:41 2023
 Response via : Initial Calibration

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

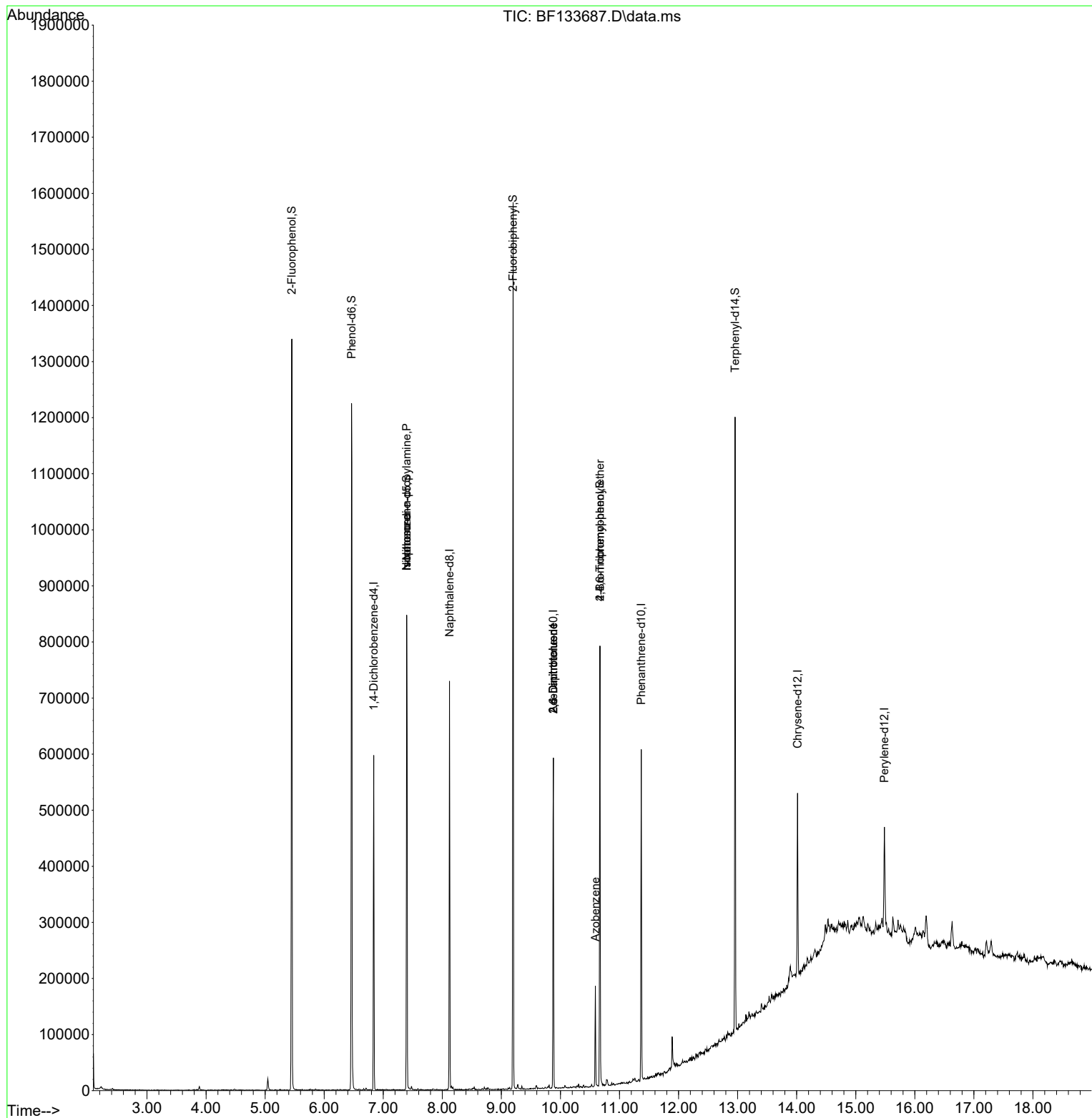
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	76750	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	262758	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	108082	20.000	ng	0.00
64) Phenanthrene-d10	11.368	188	194273	20.000	ng	0.00
76) Chrysene-d12	14.015	240	101357	20.000	ng	0.00
86) Perylene-d12	15.486	264	82823	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	309898	70.293	ng	0.00
7) Phenol-d6	6.463	99	367152	63.980	ng	0.00
23) Nitrobenzene-d5	7.398	82	229775	47.630	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	84219	61.558	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	401568	52.815	ng	0.00
79) Terphenyl-d14	12.957	244	340833	52.033	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.398	70	32441	8.885	ng	# 78
25) Isophorone	7.398	82	229770	25.943	ng	# 65
51) 2,6-Dinitrotoluene	9.880	165	13930	8.365	ng	# 26
57) 2,4-Dinitrotoluene	9.880	165	13930	6.578	ng	# 18
63) Azobenzene	10.592	77	27565	3.546	ng	# 1
67) 4-Bromophenyl-phenylether	10.669	248	5304	2.446	ng	# 1

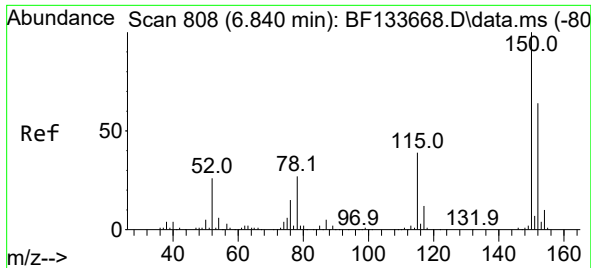
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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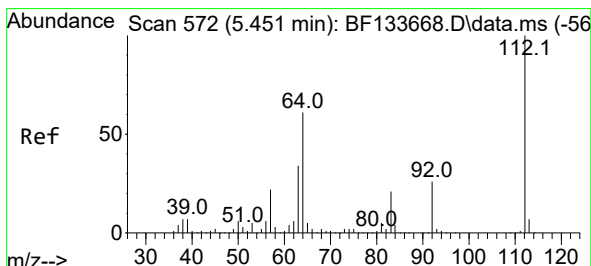
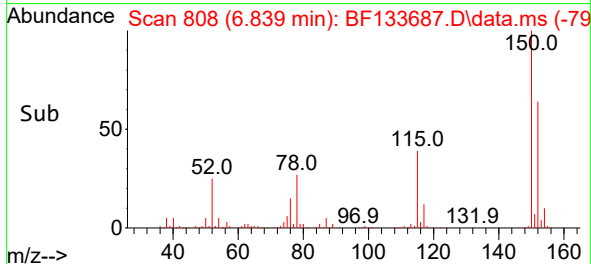
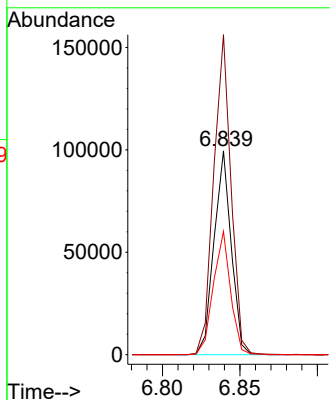
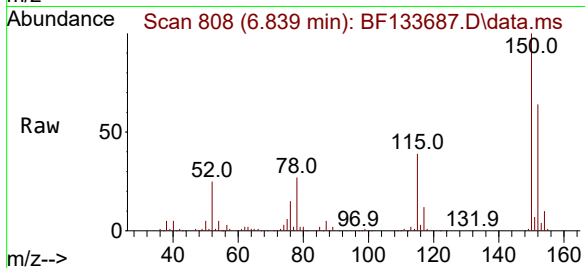




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.001 min
Lab File: BF133687.D
Acq: 09 Jun 2023 21:09

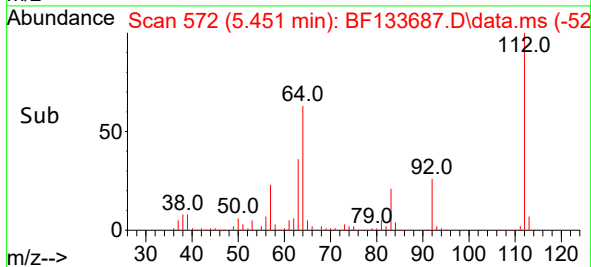
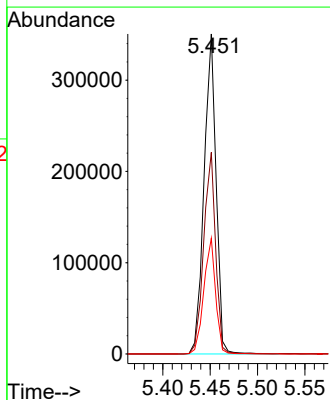
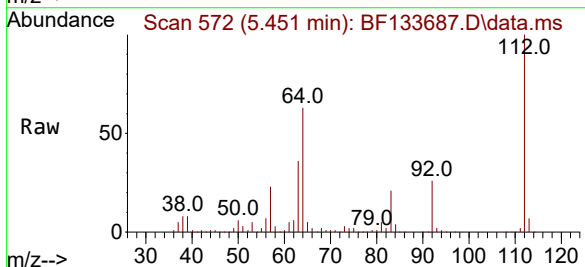
Instrument :
BNA_F
ClientSampleId :
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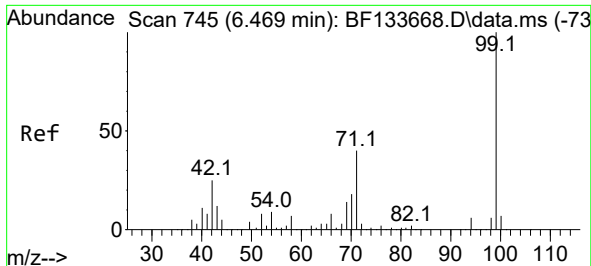
Tgt Ion:152 Resp: 76750
Ion Ratio Lower Upper
152 100
150 157.0 124.3 186.5
115 60.5 48.5 72.7



#5
2-Fluorophenol
Concen: 70.293 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.000 min
Lab File: BF133687.D
Acq: 09 Jun 2023 21:09

Tgt Ion:112 Resp: 309898
Ion Ratio Lower Upper
112 100
64 63.0 49.0 73.4
63 36.2 26.8 40.2

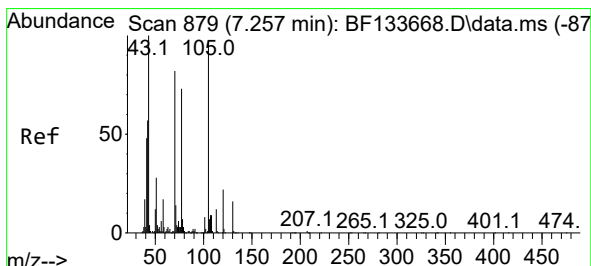
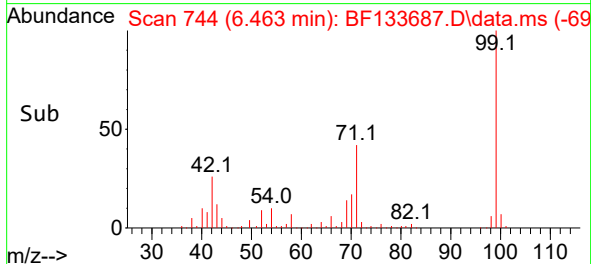
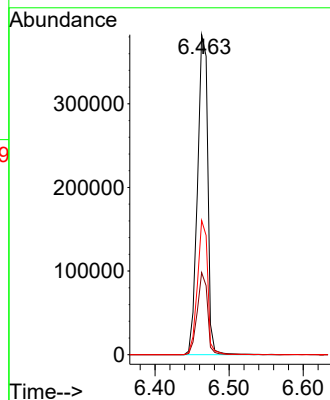
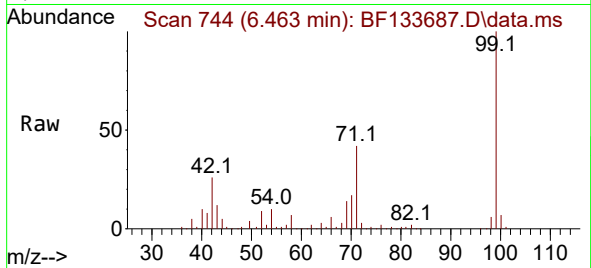




#7
Phenol-d6
Concen: 63.980 ng
RT: 6.463 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF133687.D
Acq: 09 Jun 2023 21:09

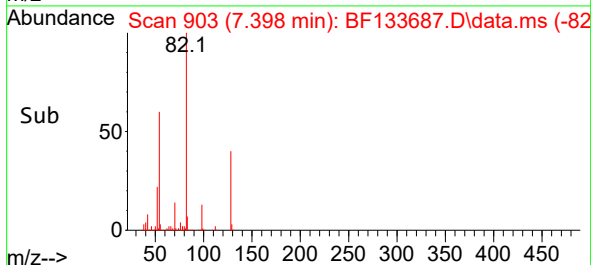
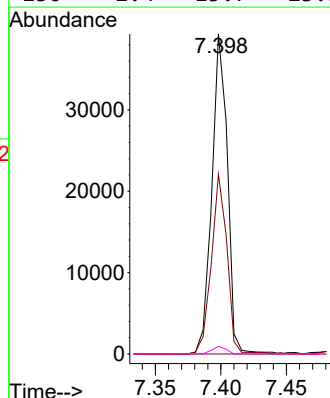
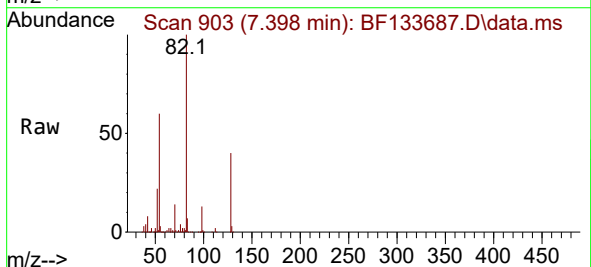
Instrument :
BNA_F
ClientSampleId :
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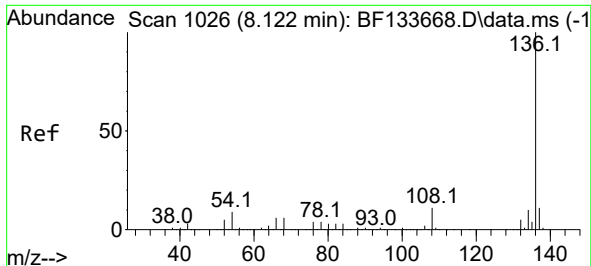
Tgt Ion: 99 Resp: 367152
Ion Ratio Lower Upper
99 100
42 25.7 19.9 29.9
71 42.0 32.2 48.4



#19
n-Nitroso-di-n-propylamine
Concen: 8.885 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.141 min
Lab File: BF133687.D
Acq: 09 Jun 2023 21:09

Tgt Ion: 70 Resp: 32441
Ion Ratio Lower Upper
70 100
42 56.1 55.8 83.8
101 0.0 8.1 12.1#
130 2.4 15.7 23.5#

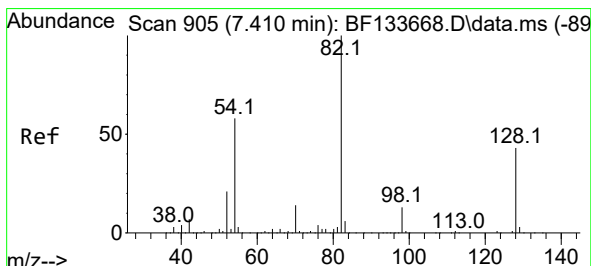
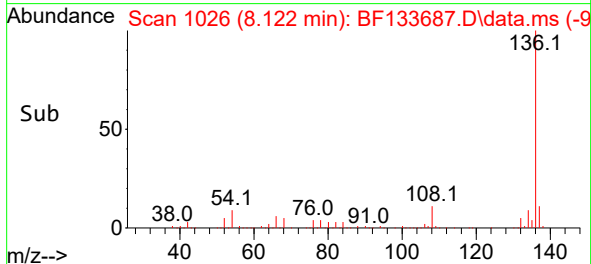
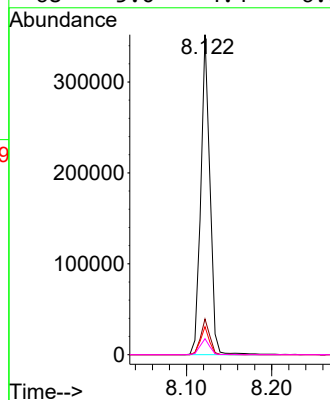
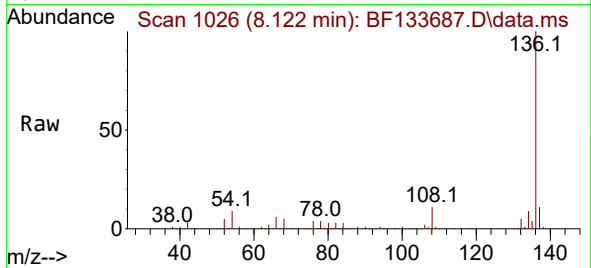




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF133687.D
Acq: 09 Jun 2023 21:09

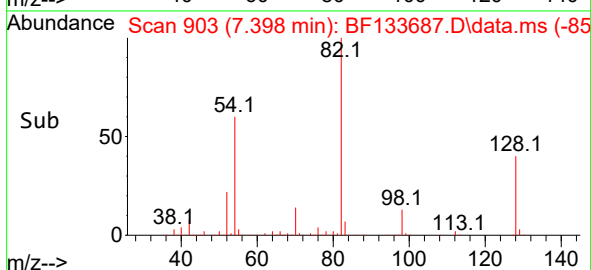
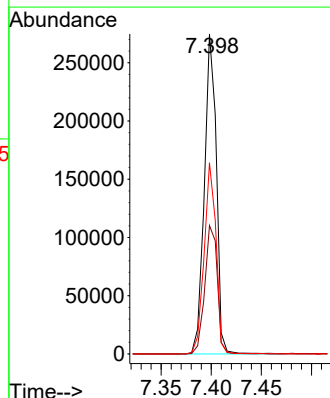
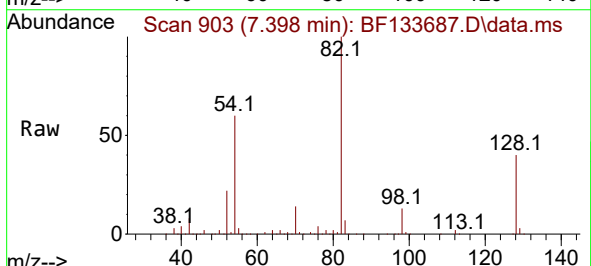
Instrument :
BNA_F
ClientSampleId :
TP-9

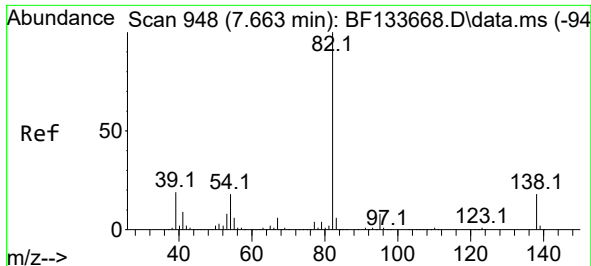
Tgt Ion:136 Resp: 262758
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.7 7.4 11.0
68 5.0 4.4 6.6



#23
Nitrobenzene-d5
Concen: 47.630 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.012 min
Lab File: BF133687.D
Acq: 09 Jun 2023 21:09

Tgt Ion: 82 Resp: 229775
Ion Ratio Lower Upper
82 100
128 40.1 34.2 51.2
54 59.8 46.5 69.7

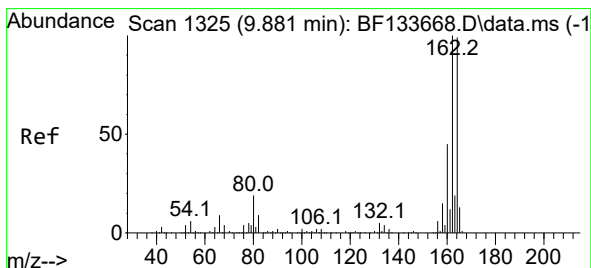
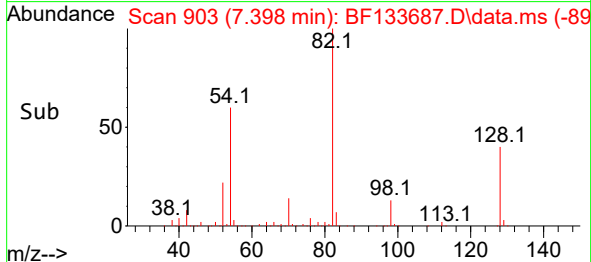
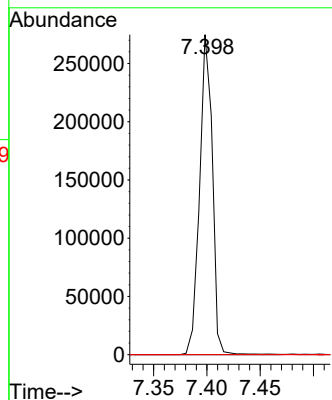
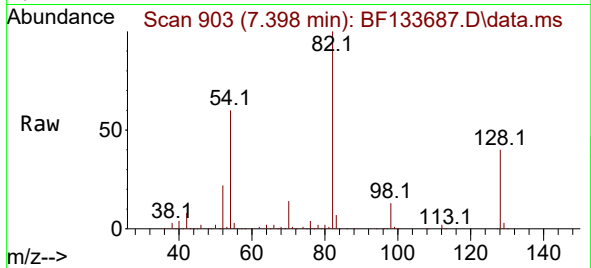




#25
Isophorone
Concen: 25.943 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.265 min
Lab File: BF133687.D
Acq: 09 Jun 2023 21:09

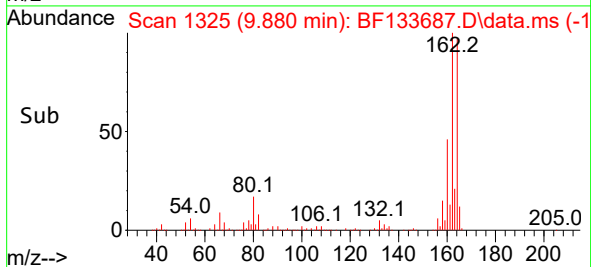
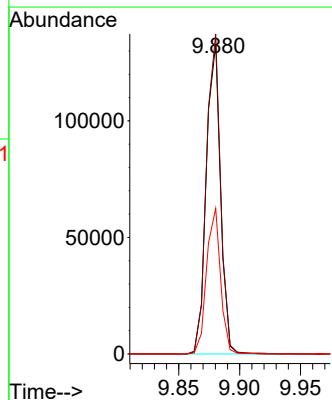
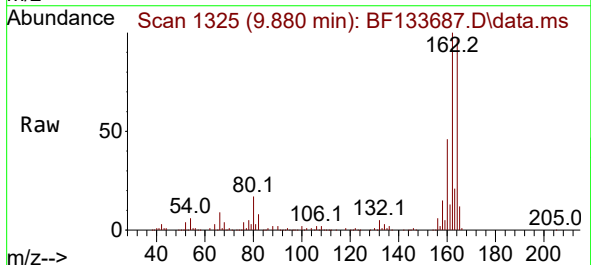
Instrument :
BNA_F
ClientSampleId :
TP-9

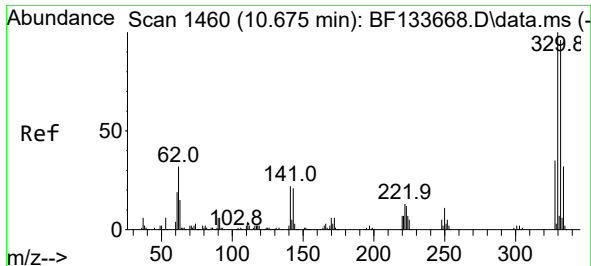
Tgt Ion: 82 Resp: 229770
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.000 min
Lab File: BF133687.D
Acq: 09 Jun 2023 21:09

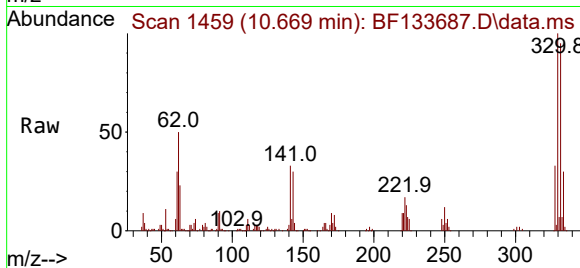
Tgt Ion: 164 Resp: 108082
Ion Ratio Lower Upper
164 100
162 103.2 80.8 121.2
160 47.0 36.7 55.1



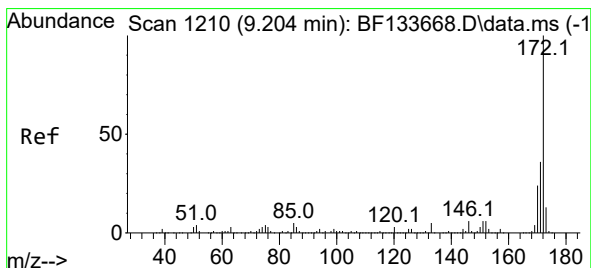
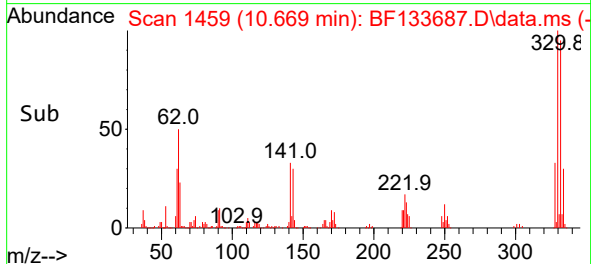
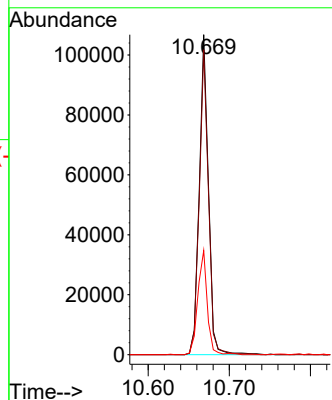


#42
2,4,6-Tribromophenol
Concen: 61.558 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BF133687.D
Acq: 09 Jun 2023 21:09

Instrument :
BNA_F
ClientSampleId :
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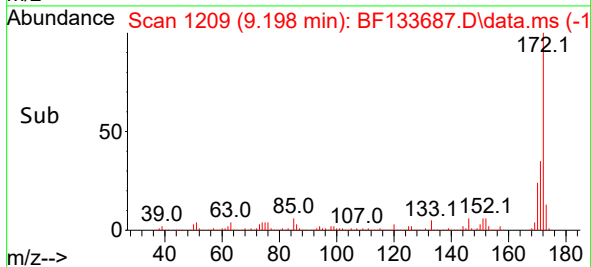
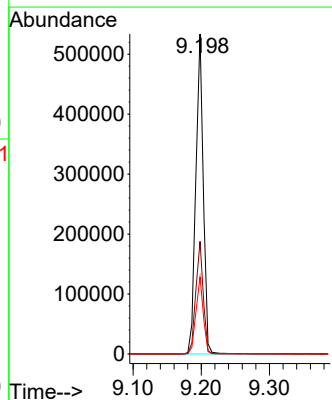
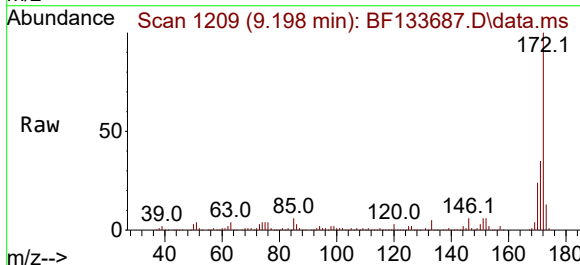


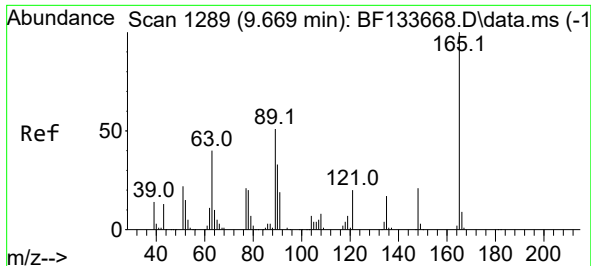
Tgt Ion:330 Resp: 84219
Ion Ratio Lower Upper
330 100
332 95.4 77.2 115.8
141 33.6 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 52.815 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF133687.D
Acq: 09 Jun 2023 21:09

Tgt Ion:172 Resp: 401568
Ion Ratio Lower Upper
172 100
171 35.2 28.6 43.0
170 24.0 19.1 28.7

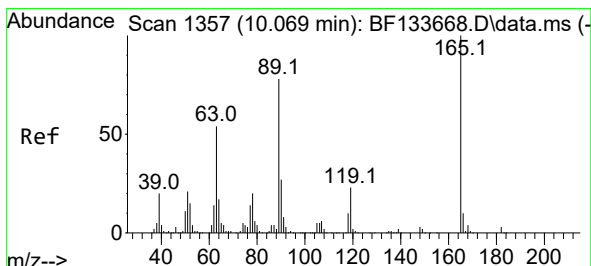
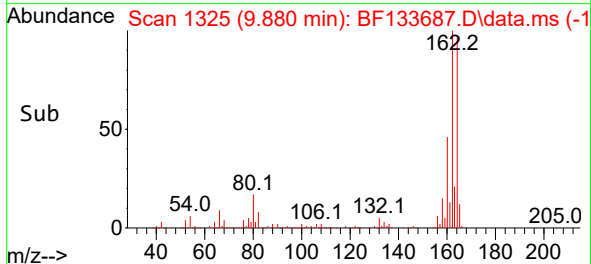
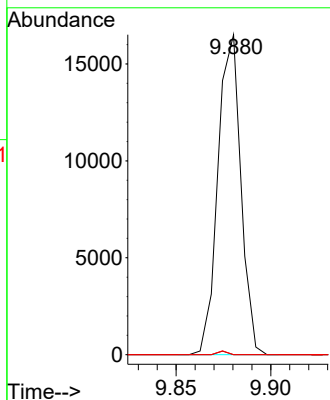
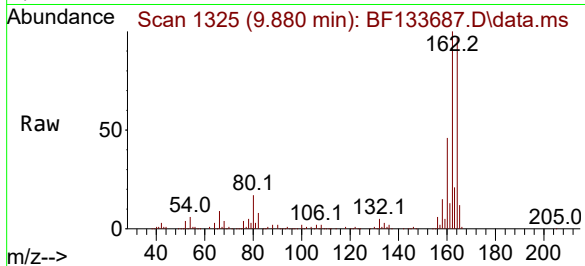




#51
2,6-Dinitrotoluene
Concen: 8.365 ng
RT: 9.880 min Scan# 11
Delta R.T. 0.211 min
Lab File: BF133687.D
Acq: 09 Jun 2023 21:09

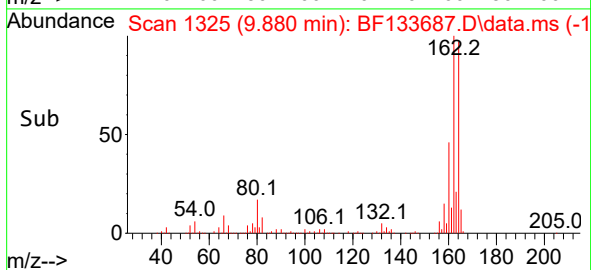
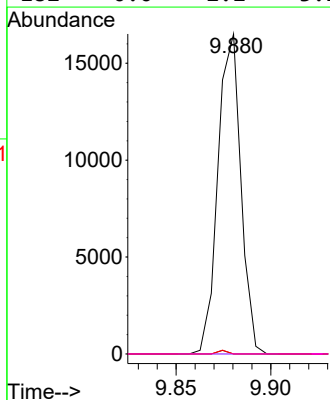
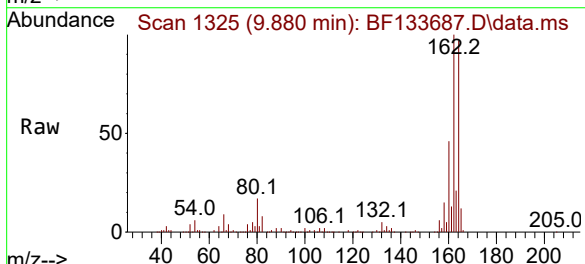
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BNA_F
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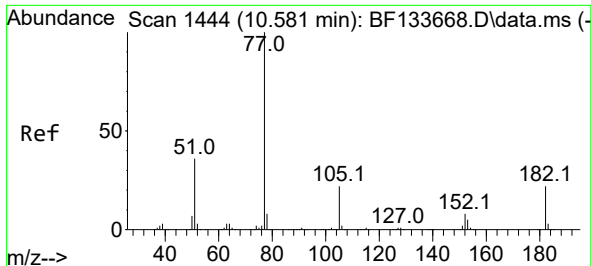
Tgt Ion:165 Resp: 13930
Ion Ratio Lower Upper
165 100
63 0.0 42.1 63.1#
89 0.0 40.9 61.3#



#57
2,4-Dinitrotoluene
Concen: 6.578 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.189 min
Lab File: BF133687.D
Acq: 09 Jun 2023 21:09

Tgt Ion:165 Resp: 13930
Ion Ratio Lower Upper
165 100
63 0.0 43.0 64.6#
89 0.0 62.6 93.8#
182 0.0 2.2 3.2#

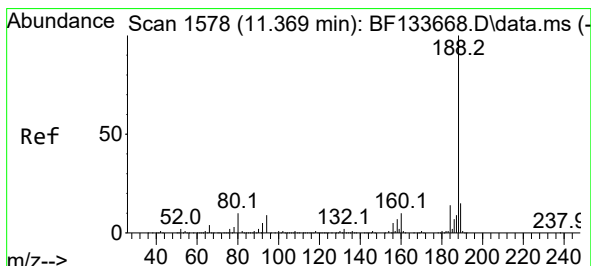
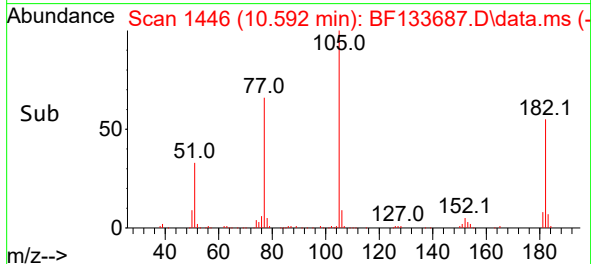
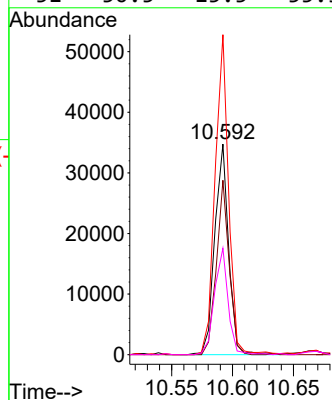
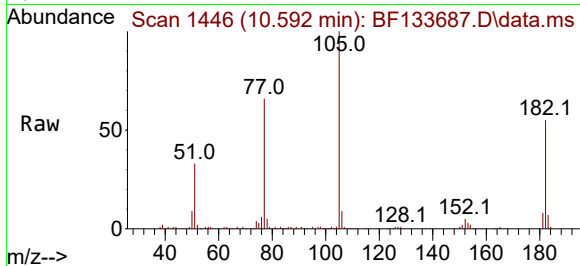




#63
Azobenzene
Concen: 3.546 ng
RT: 10.592 min Scan# 1446
Delta R.T. 0.011 min
Lab File: BF133687.D
Acq: 09 Jun 2023 21:09

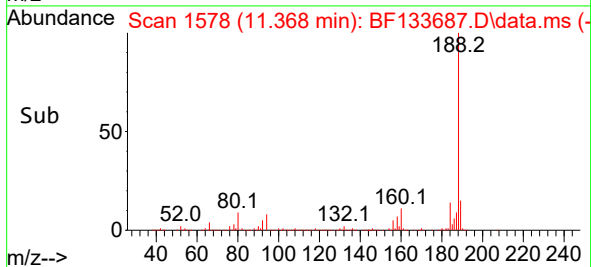
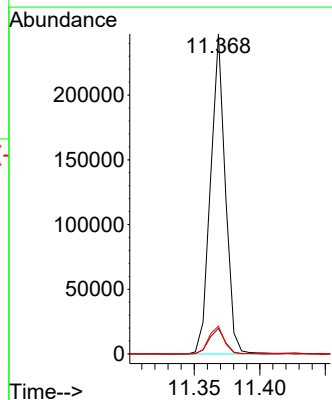
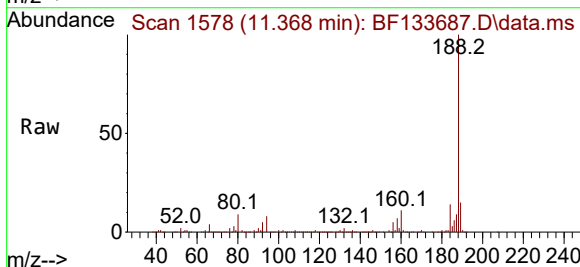
Instrument :
BNA_F
ClientSampleId :
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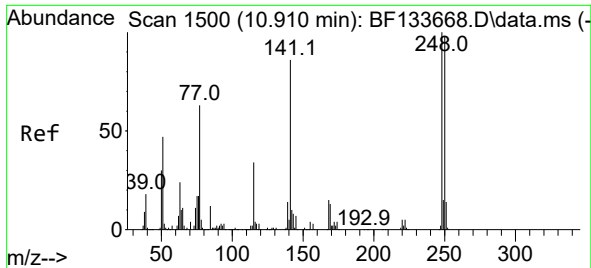
Tgt Ion:	77	Resp:	27565
Ion	Ratio	Lower	Upper
77	100		
182	82.9	1.6	41.6#
105	152.0	1.6	41.6#
51	50.5	15.5	55.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.368 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BF133687.D
Acq: 09 Jun 2023 21:09

Tgt Ion:	188	Resp:	194273
Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.8	10.2
80	8.7	7.8	11.6

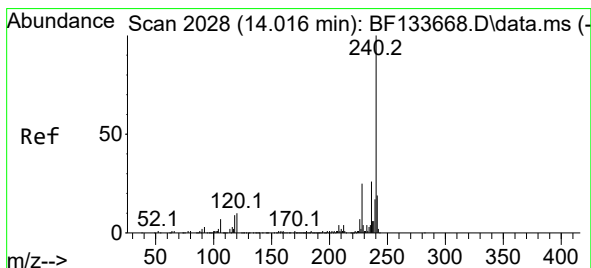
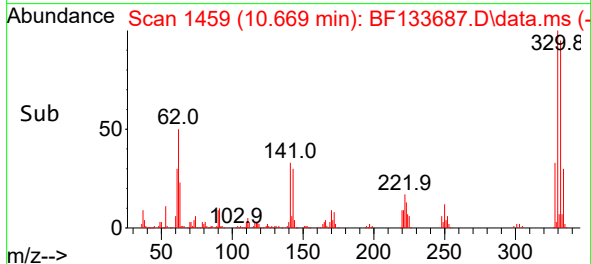
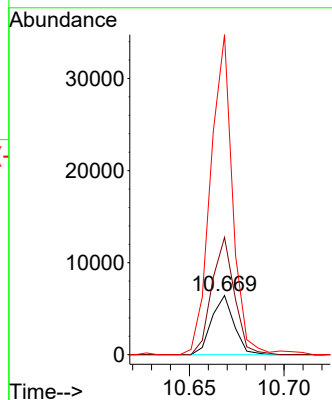
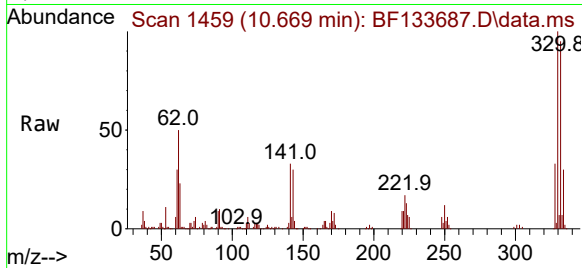




#67
4-Bromophenyl-phenylether
Concen: 2.446 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.241 min
Lab File: BF133687.D
Acq: 09 Jun 2023 21:09

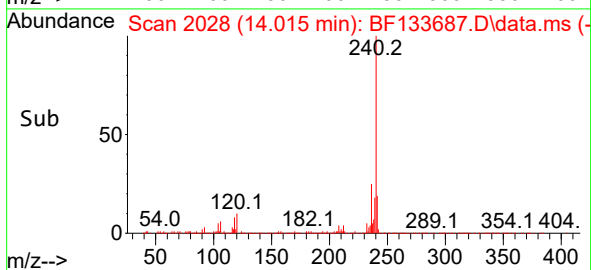
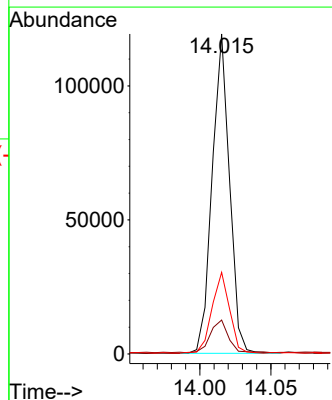
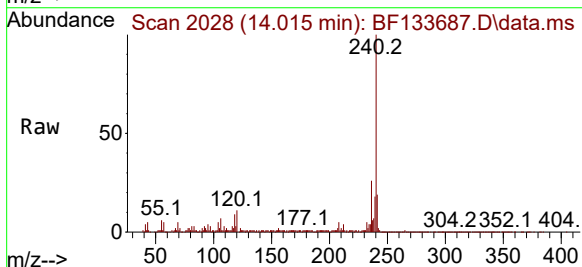
Instrument :
BNA_F
ClientSampleId :
TP-9

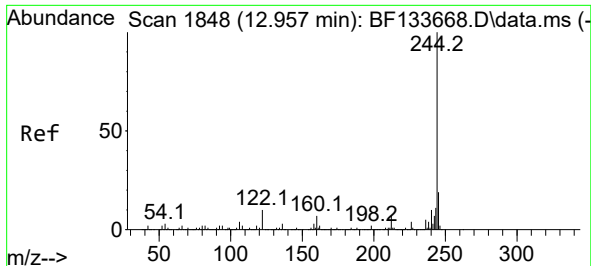
Tgt Ion:248 Resp: 5304
Ion Ratio Lower Upper
248 100
250 198.1 78.3 117.5#
141 540.4 69.0 103.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF133687.D
Acq: 09 Jun 2023 21:09

Tgt Ion:240 Resp: 101357
Ion Ratio Lower Upper
240 100
120 10.6 8.1 12.1
236 25.5 20.5 30.7

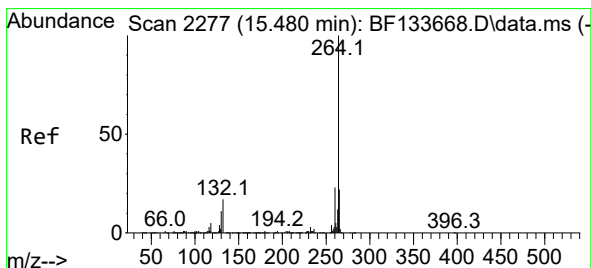
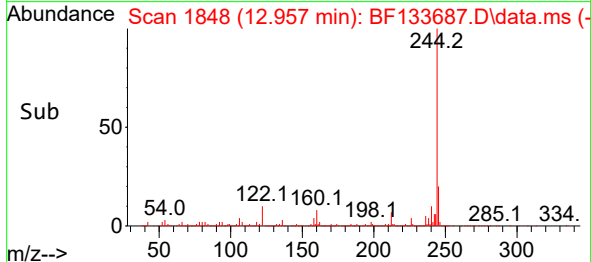
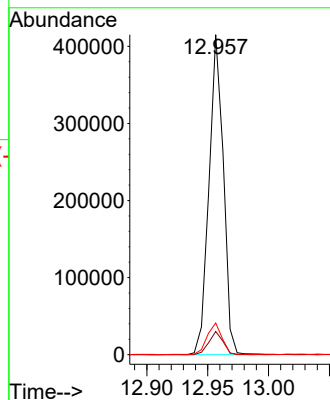
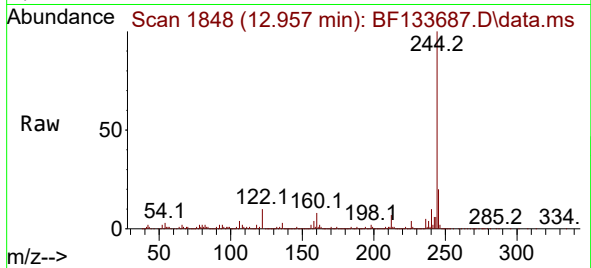




#79
 Terphenyl-d14
 Concen: 52.033 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. -0.000 min
 Lab File: BF133687.D
 Acq: 09 Jun 2023 21:09

Instrument :
 BNA_F
 ClientSampleId :
 TP-9

Tgt Ion:244 Resp: 340833
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 9.9 8.1 12.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.486 min Scan# 2278
 Delta R.T. 0.006 min
 Lab File: BF133687.D
 Acq: 09 Jun 2023 21:09

Tgt Ion:264 Resp: 82823
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.2 27.2
 265 23.6 17.8 26.6

