

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060923\
 Data File : BF133694.D
 Acq On : 10 Jun 2023 01:59
 Operator : CG\JU
 Sample : 03092-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Jun 10 02:37:07 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)

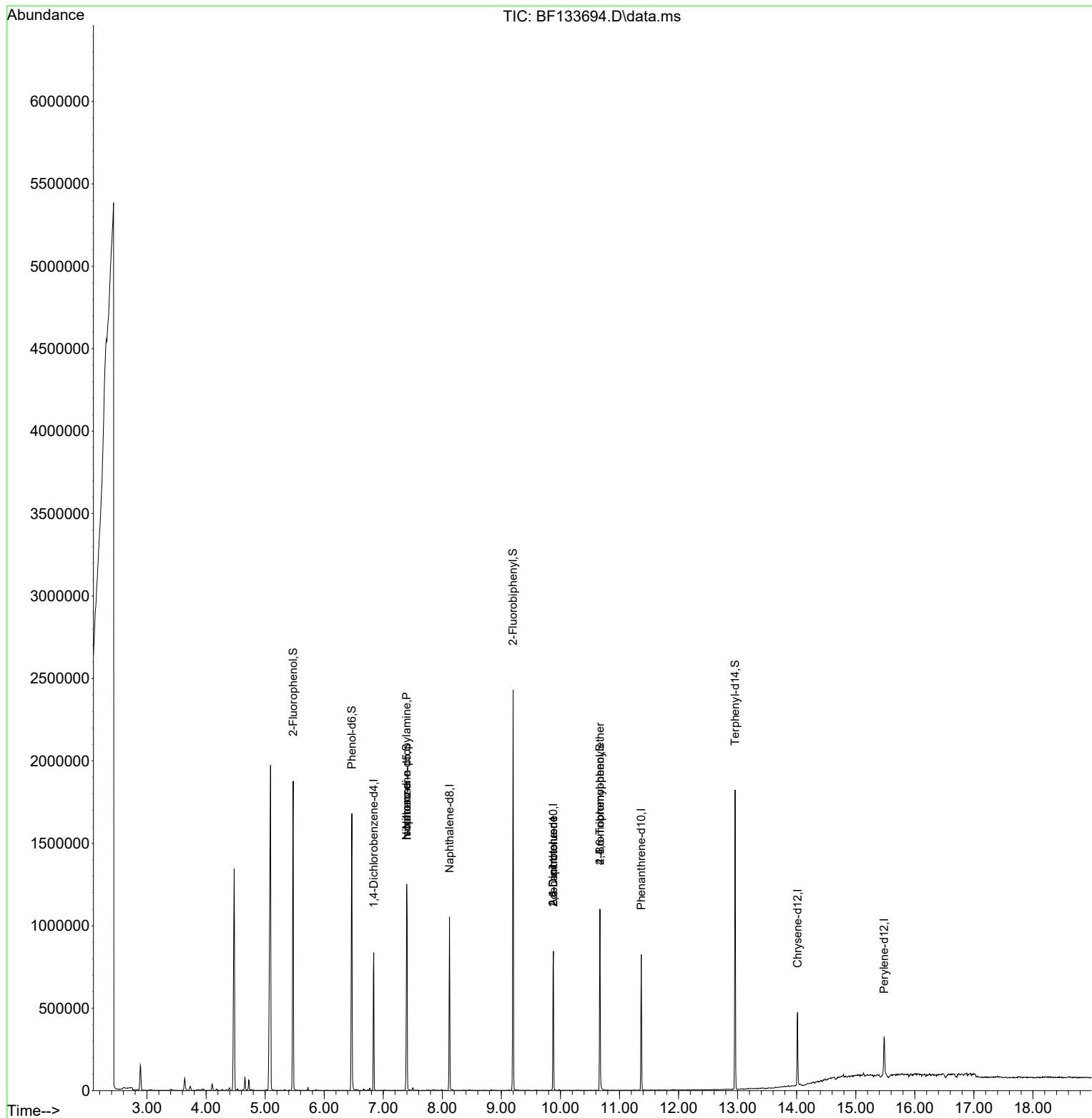
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	116365	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	409722	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	163487	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	282908	20.000	ng	0.00
76) Chrysene-d12	14.015	240	145204	20.000	ng	0.00
86) Perylene-d12	15.480	264	116322	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	477659	71.461	ng	0.02
7) Phenol-d6	6.469	99	521889	59.983	ng	0.00
23) Nitrobenzene-d5	7.398	82	393403	52.297	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	127349	61.537	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	658317	57.241	ng	0.00
79) Terphenyl-d14	12.957	244	580671	61.878	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.398	70	54749	9.890	ng	# 81
25) Isophorone	7.398	82	391194	28.326	ng	# 65
51) 2,6-Dinitrotoluene	9.880	165	20958	8.321	ng	# 28
57) 2,4-Dinitrotoluene	9.880	165	20958	6.542	ng	# 19
67) 4-Bromophenyl-phenylether	10.669	248	8180	2.591	ng	# 1

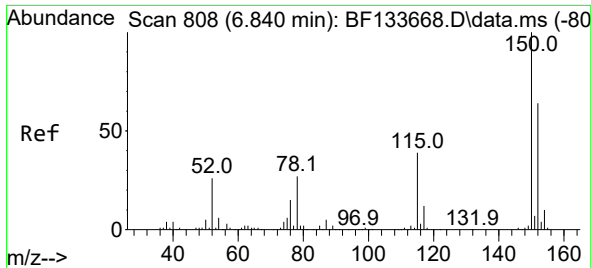
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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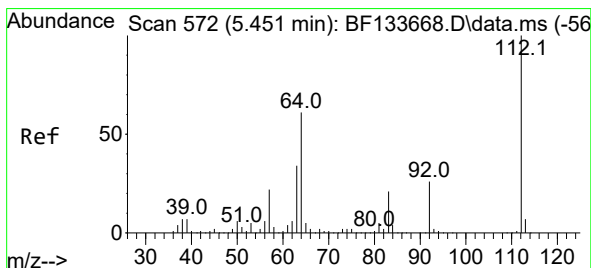
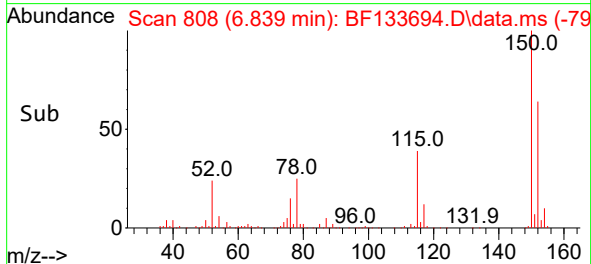
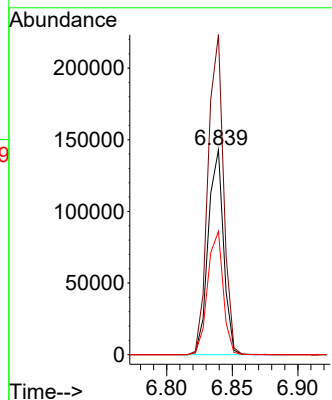
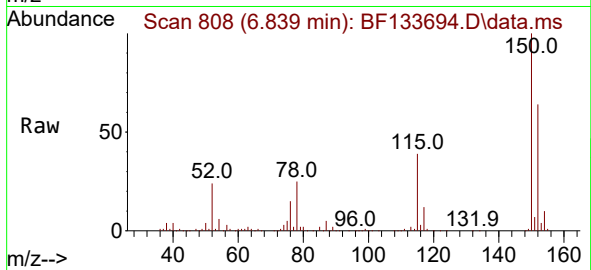




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.839 min Scan# 808
 Delta R.T. -0.001 min
 Lab File: BF133694.D
 Acq: 10 Jun 2023 01:59

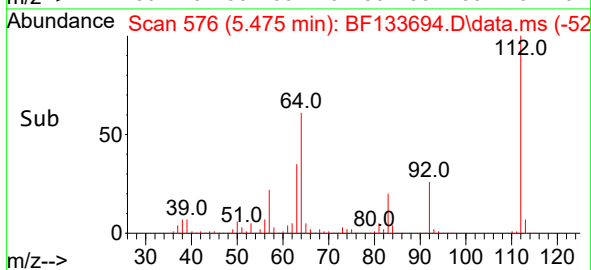
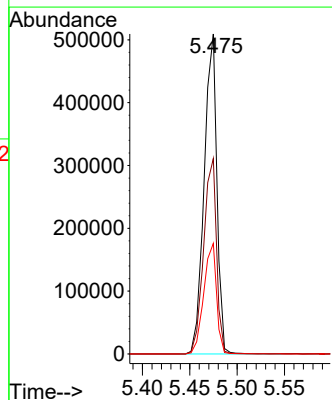
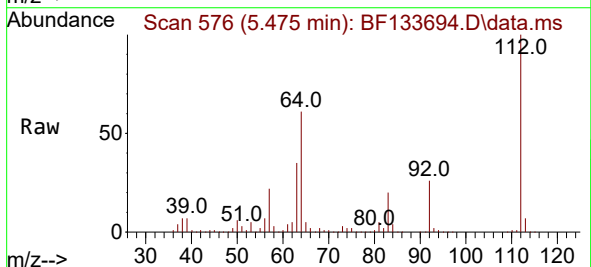
Instrument :
 BNA_F
 ClientSampleId :
 TP-1

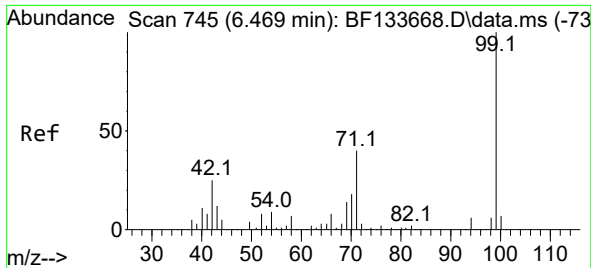
Tgt Ion:152 Resp: 116365
 Ion Ratio Lower Upper
 152 100
 150 156.3 124.3 186.5
 115 60.3 48.5 72.7



#5
 2-Fluorophenol
 Concen: 71.461 ng
 RT: 5.475 min Scan# 576
 Delta R.T. 0.024 min
 Lab File: BF133694.D
 Acq: 10 Jun 2023 01:59

Tgt Ion:112 Resp: 477659
 Ion Ratio Lower Upper
 112 100
 64 61.1 49.0 73.4
 63 34.6 26.8 40.2

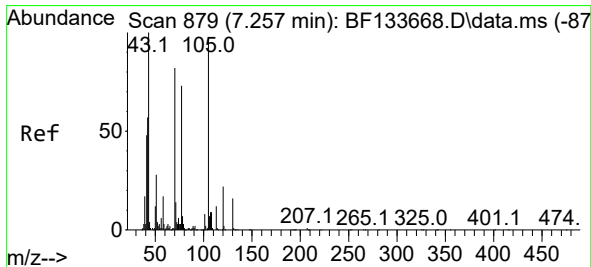
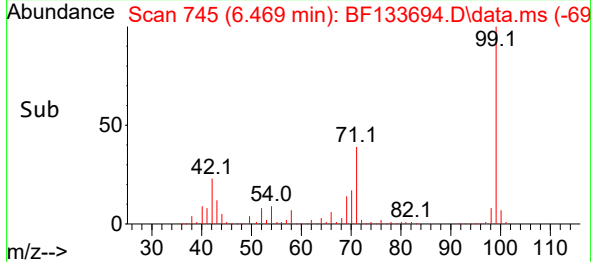
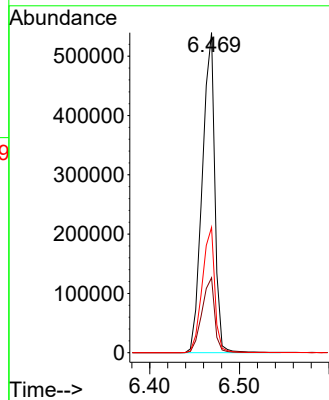
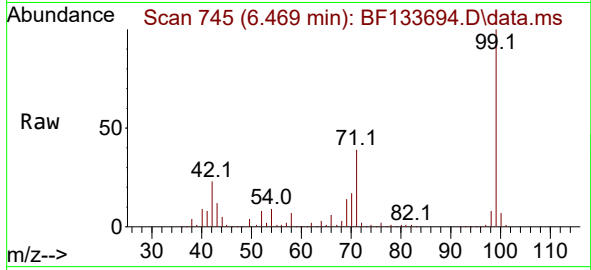




#7
Phenol-d6
Concen: 59.983 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF133694.D
Acq: 10 Jun 2023 01:59

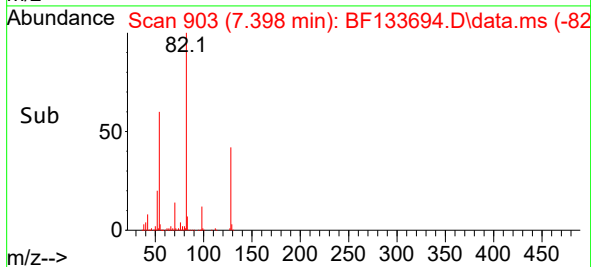
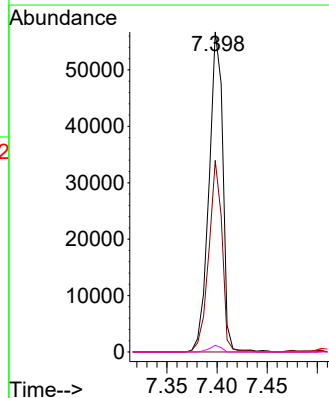
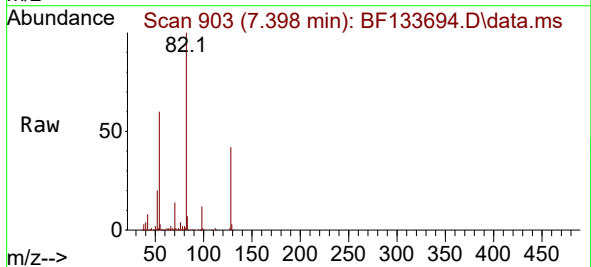
Instrument :
BNA_F
ClientSampleId :
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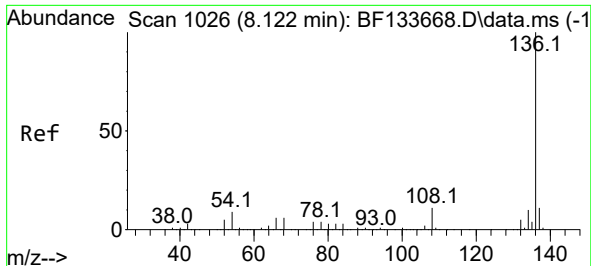
Tgt Ion: 99 Resp: 521889
Ion Ratio Lower Upper
99 100
42 23.4 19.9 29.9
71 39.1 32.2 48.4



#19
n-Nitroso-di-n-propylamine
Concen: 9.890 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.141 min
Lab File: BF133694.D
Acq: 10 Jun 2023 01:59

Tgt Ion: 70 Resp: 54749
Ion Ratio Lower Upper
70 100
42 59.9 55.8 83.8
101 0.0 8.1 12.1#
130 2.1 15.7 23.5#

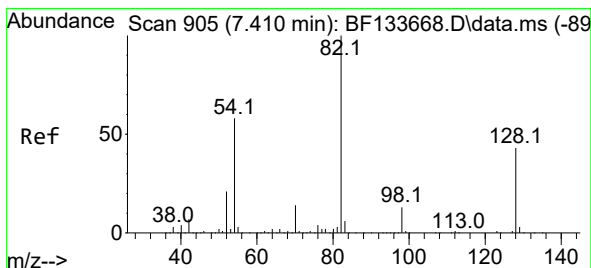
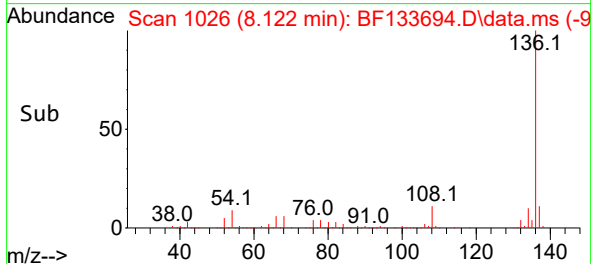
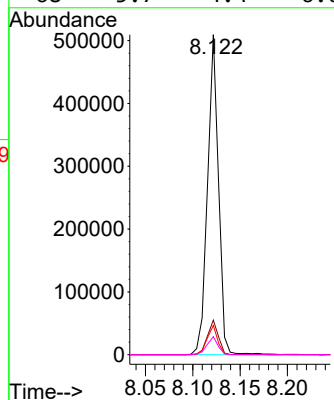
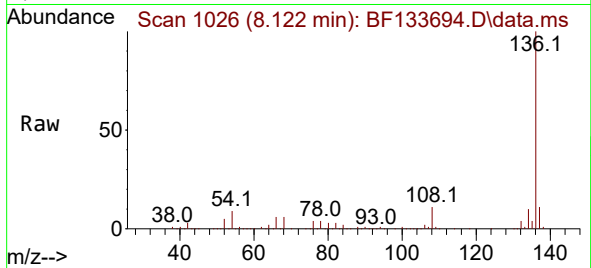




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF133694.D
Acq: 10 Jun 2023 01:59

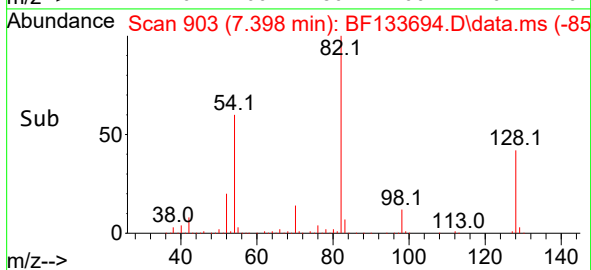
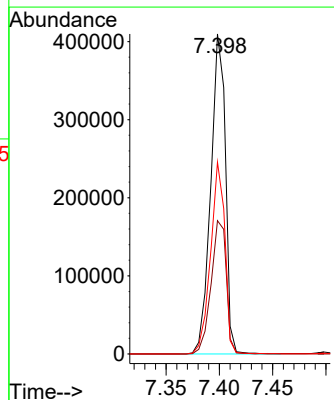
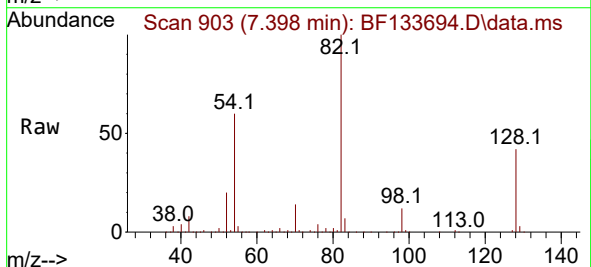
Instrument :
BNA_F
ClientSampleId :
TP-1

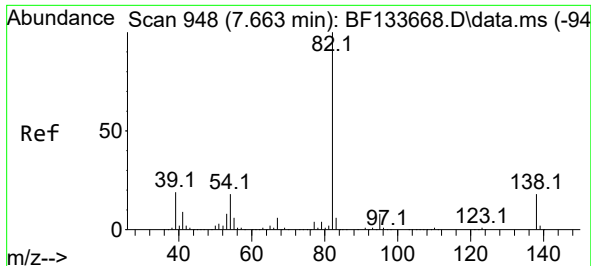
Tgt Ion:136 Resp: 409722
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 9.1 7.4 11.0
68 5.7 4.4 6.6



#23
Nitrobenzene-d5
Concen: 52.297 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.012 min
Lab File: BF133694.D
Acq: 10 Jun 2023 01:59

Tgt Ion: 82 Resp: 393403
Ion Ratio Lower Upper
82 100
128 41.6 34.2 51.2
54 60.0 46.5 69.7

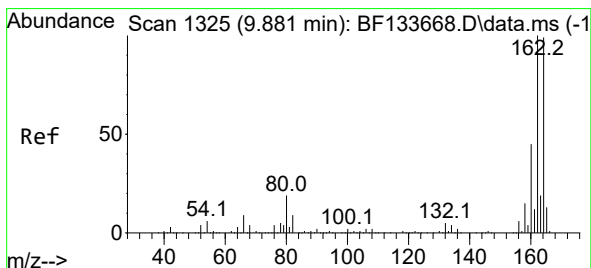
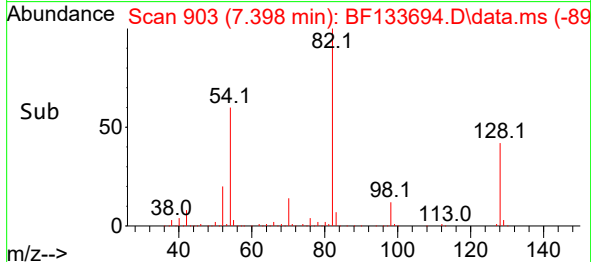
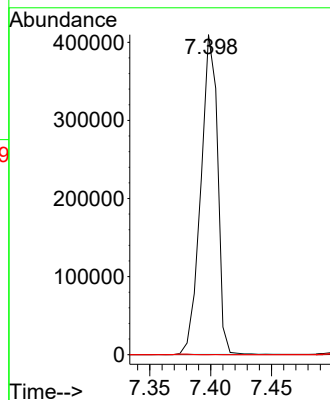
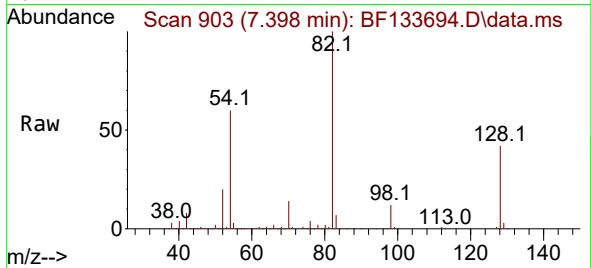




#25
Isophorone
Concen: 28.326 ng
RT: 7.398 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF133694.D
Acq: 10 Jun 2023 01:59

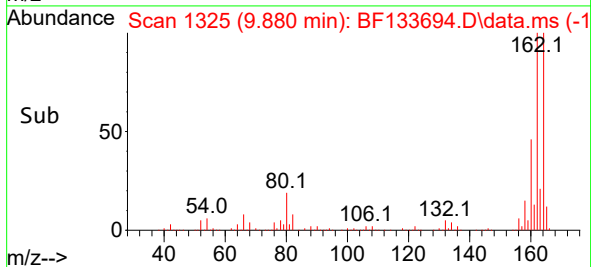
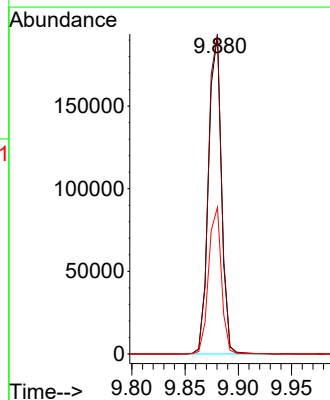
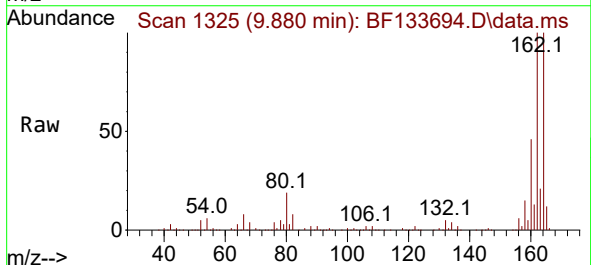
Instrument :
BNA_F
ClientSampleId :
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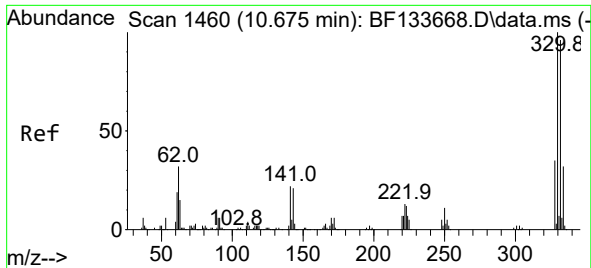
Tgt Ion: 82 Resp: 391194
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.000 min
Lab File: BF133694.D
Acq: 10 Jun 2023 01:59

Tgt Ion:164 Resp: 163487
Ion Ratio Lower Upper
164 100
162 100.2 80.8 121.2
160 45.9 36.7 55.1

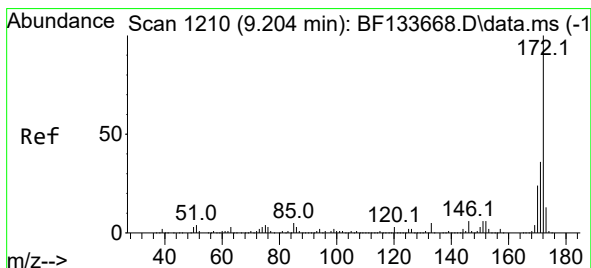
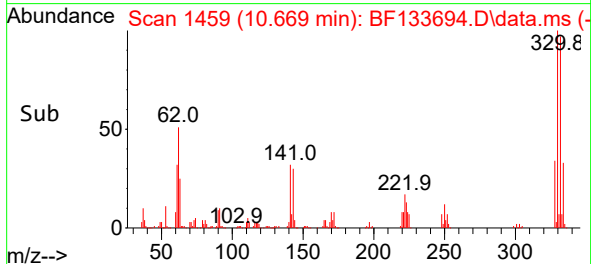
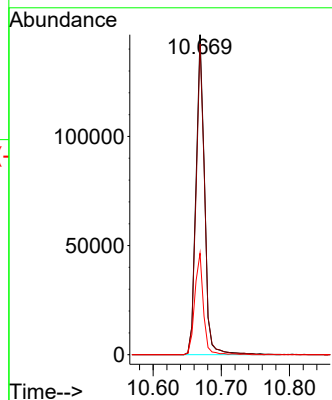
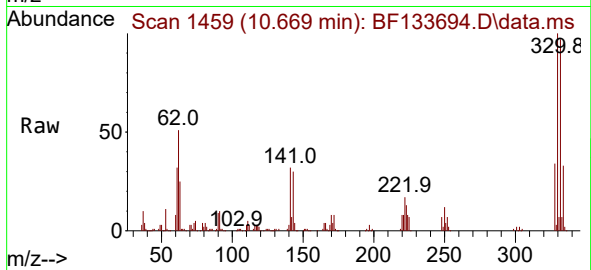




#42
 2,4,6-Tribromophenol
 Concen: 61.537 ng
 RT: 10.669 min Scan# 1460
 Delta R.T. -0.006 min
 Lab File: BF133694.D
 Acq: 10 Jun 2023 01:59

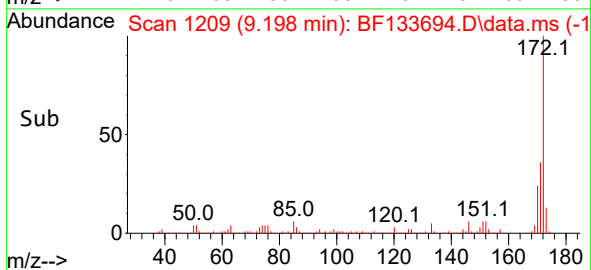
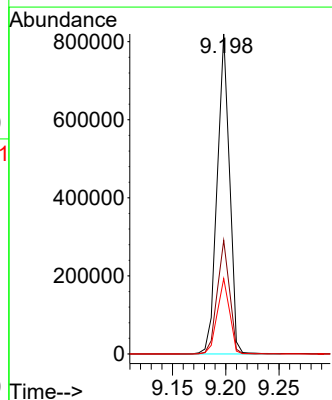
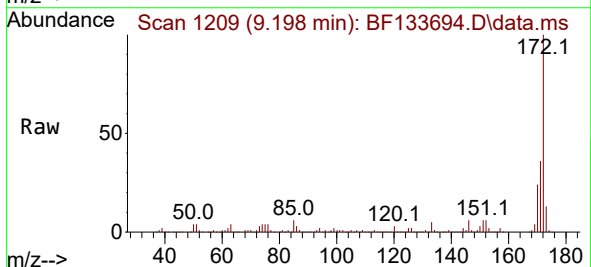
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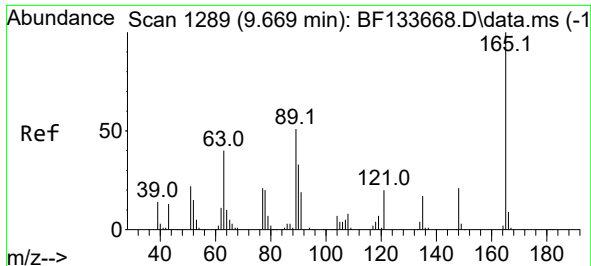
Tgt Ion:330 Resp: 127349
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.2 115.8
 141 32.0 24.9 37.3



#45
 2-Fluorobiphenyl
 Concen: 57.241 ng
 RT: 9.198 min Scan# 1209
 Delta R.T. -0.006 min
 Lab File: BF133694.D
 Acq: 10 Jun 2023 01:59

Tgt Ion:172 Resp: 658317
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.6 43.0
 170 23.6 19.1 28.7

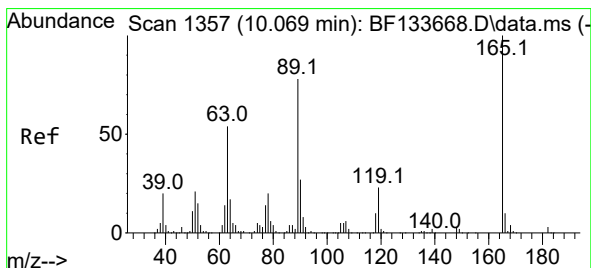
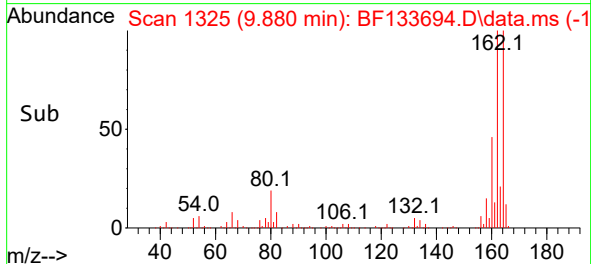
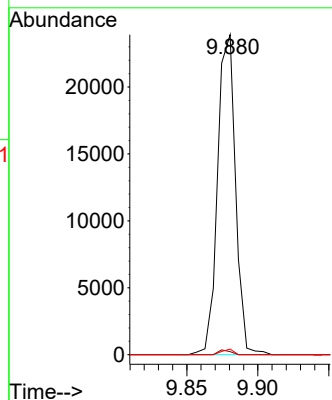
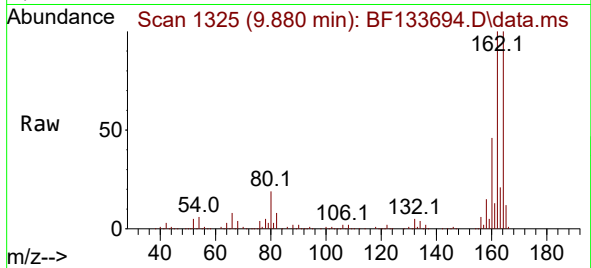




#51
2,6-Dinitrotoluene
Concen: 8.321 ng
RT: 9.880 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF133694.D
Acq: 10 Jun 2023 01:59

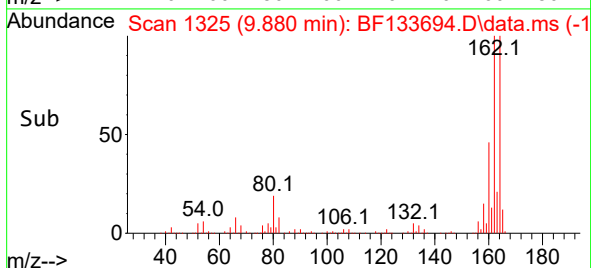
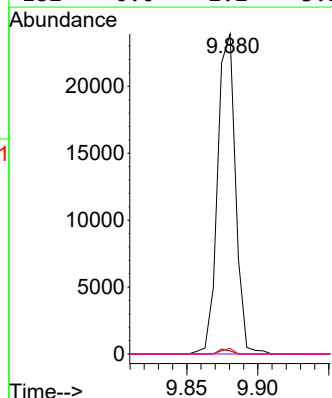
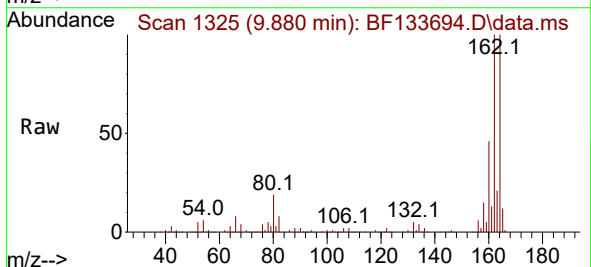
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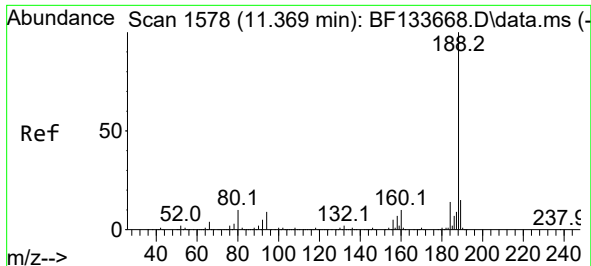
Tgt Ion:165 Resp: 20958
Ion Ratio Lower Upper
165 100
63 0.9 42.1 63.1#
89 1.8 40.9 61.3#



#57
2,4-Dinitrotoluene
Concen: 6.542 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.189 min
Lab File: BF133694.D
Acq: 10 Jun 2023 01:59

Tgt Ion:165 Resp: 20958
Ion Ratio Lower Upper
165 100
63 0.9 43.0 64.6#
89 1.8 62.6 93.8#
182 0.0 2.2 3.2#

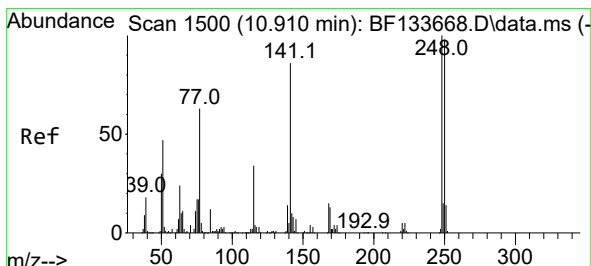
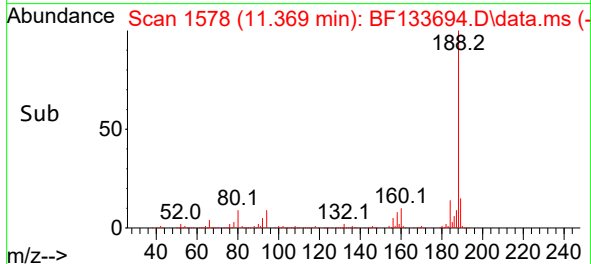
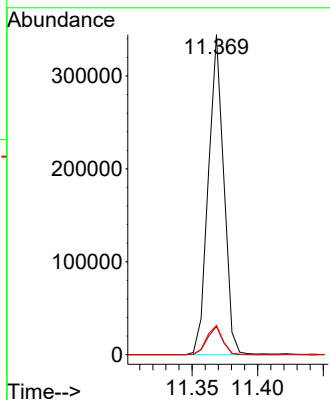
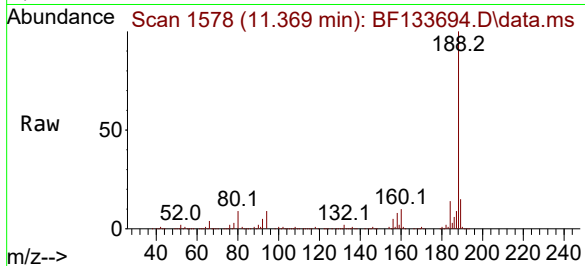




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133694.D
Acq: 10 Jun 2023 01:59

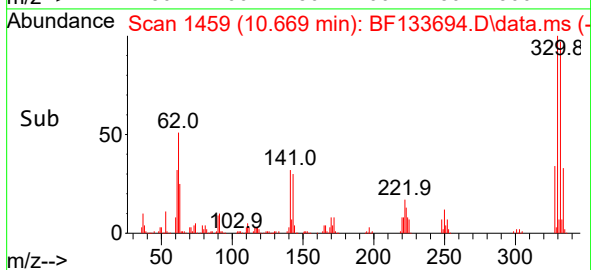
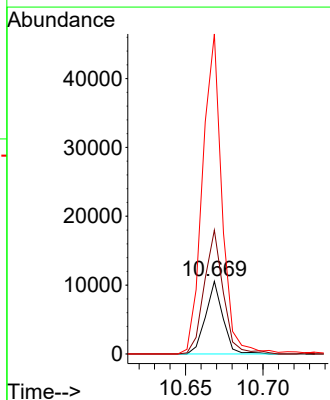
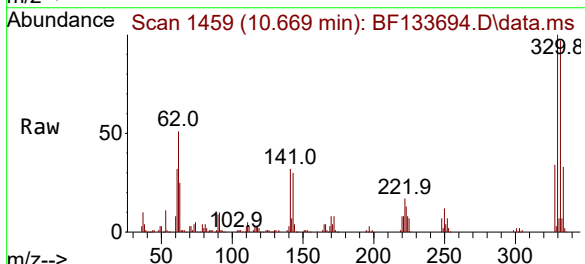
Instrument :
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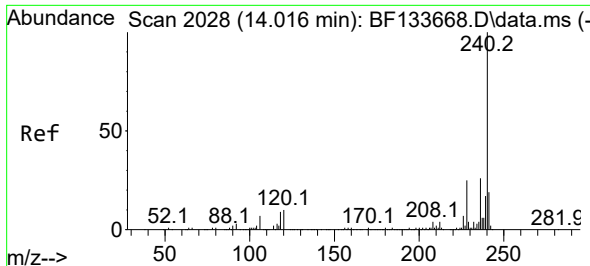
Tgt Ion:188 Resp: 282908
Ion Ratio Lower Upper
188 100
94 8.8 6.8 10.2
80 9.1 7.8 11.6



#67
4-Bromophenyl-phenylether
Concen: 2.591 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.241 min
Lab File: BF133694.D
Acq: 10 Jun 2023 01:59

Tgt Ion:248 Resp: 8180
Ion Ratio Lower Upper
248 100
250 170.4 78.3 117.5#
141 440.4 69.0 103.6#

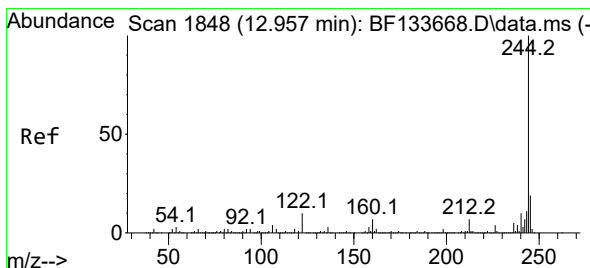
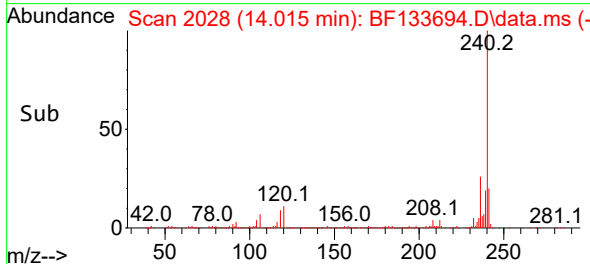
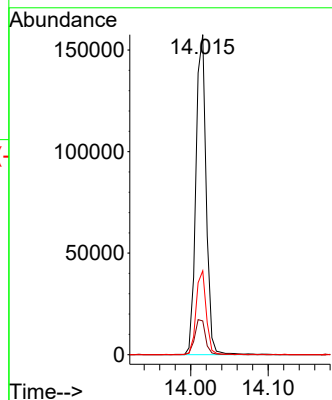
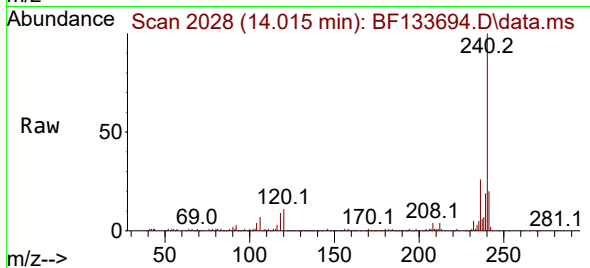




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 20
Delta R.T. -0.000 min
Lab File: BF133694.D
Acq: 10 Jun 2023 01:59

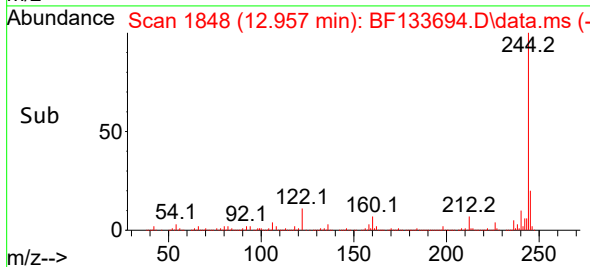
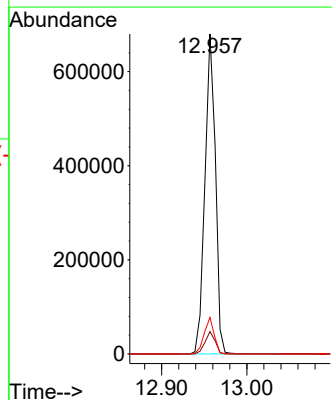
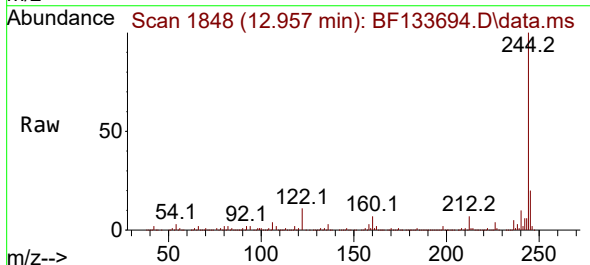
Instrument :
BNA_F
ClientSampleId :
TP-1

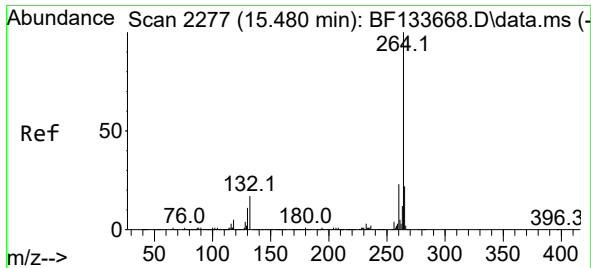
Tgt Ion:240 Resp: 145204
Ion Ratio Lower Upper
240 100
120 10.6 8.1 12.1
236 26.2 20.5 30.7



#79
Terphenyl-d14
Concen: 61.878 ng
RT: 12.957 min Scan# 1848
Delta R.T. -0.000 min
Lab File: BF133694.D
Acq: 10 Jun 2023 01:59

Tgt Ion:244 Resp: 580671
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.2
122 11.4 8.1 12.1





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.480 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF133694.D
 Acq: 10 Jun 2023 01:59

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Tgt Ion:264 Resp: 116322
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.2 27.2
 265 21.7 17.8 26.6

