

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091923\
 Data File : BF135347.D
 Acq On : 19 Sep 2023 21:37
 Operator : CG\JU
 Sample : 04460-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DEL-1-LEFT-SIDE

Quant Time: Sep 20 01:40:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

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

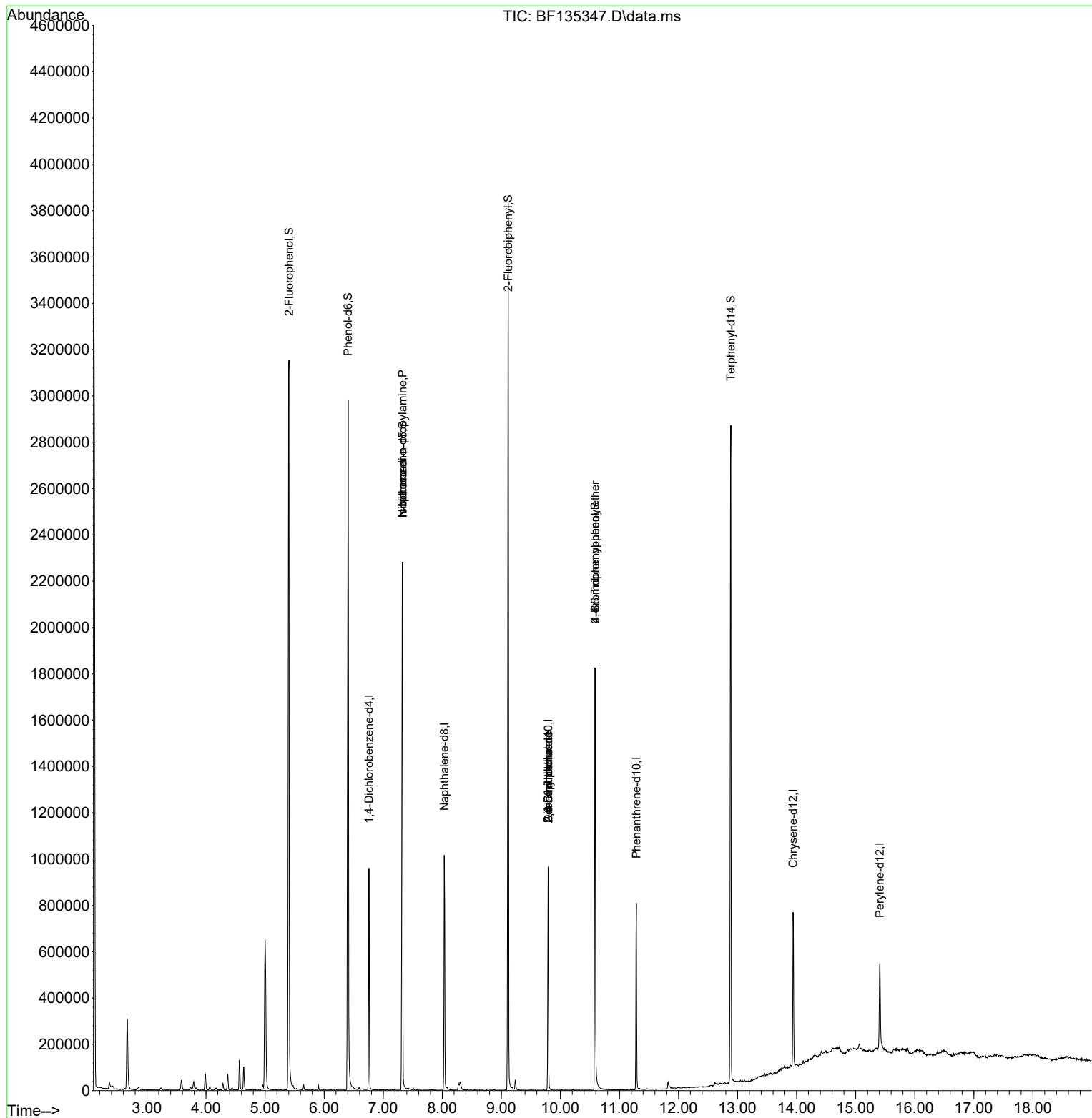
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	125159	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	445502	20.000	ng	-0.01
39) Acenaphthene-d10	9.792	164	178848	20.000	ng	-0.01
64) Phenanthrene-d10	11.286	188	297809	20.000	ng	0.00
76) Chrysene-d12	13.939	240	237935	20.000	ng	0.00
86) Perylene-d12	15.410	264	195343	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	965277	125.438	ng	0.02
7) Phenol-d6	6.404	99	1088013	111.193	ng	0.00
23) Nitrobenzene-d5	7.328	82	805700	98.256	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	218653	123.024	ng	-0.01
45) 2-Fluorobiphenyl	9.116	172	1240226	104.623	ng	-0.01
79) Terphenyl-d14	12.886	244	1105350	72.016	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.328	70	109955	18.142	ng	# 78
25) Isophorone	7.328	82	805694	53.508	ng	# 65
50) Dimethylphthalate	9.792	163	35272	2.917	ng	# 1
51) 2,6-Dinitrotoluene	9.792	165	22895	8.643	ng	# 17
57) 2,4-Dinitrotoluene	9.792	165	22895	6.904	ng	# 19
67) 4-Bromophenyl-phenylether	10.586	248	13236	4.469	ng	# 1

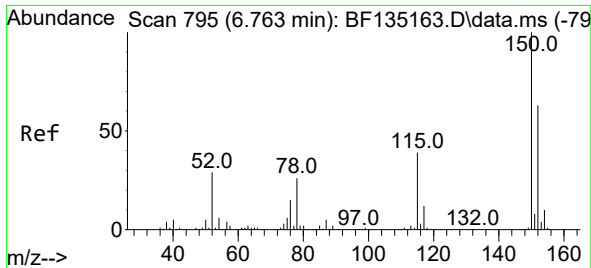
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 20 Sample Multiplier: 1

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BNA_F
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DEL-1-LEFT-SIDE

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 00:19:07 2023
Response via : Initial Calibration

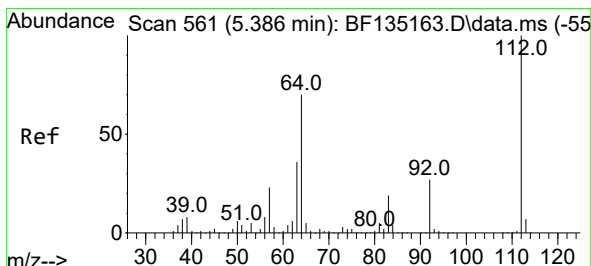
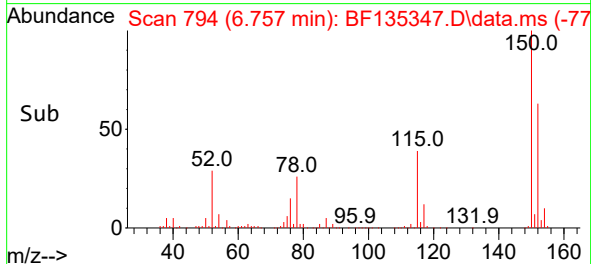
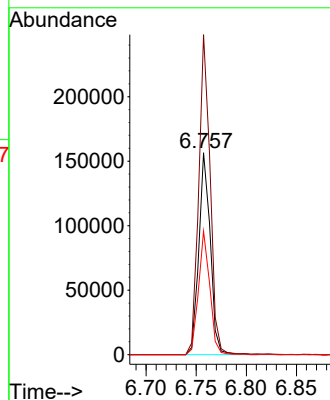
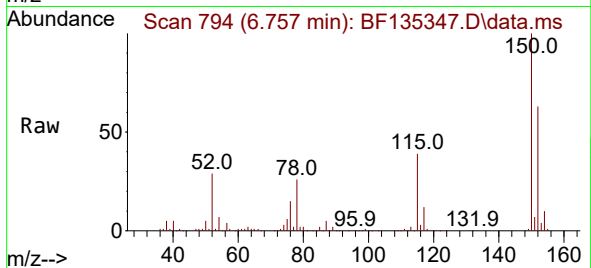




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF135347.D
Acq: 19 Sep 2023 21:37

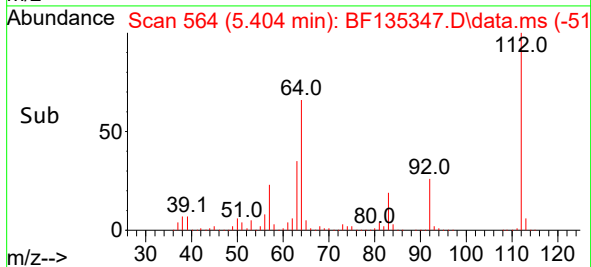
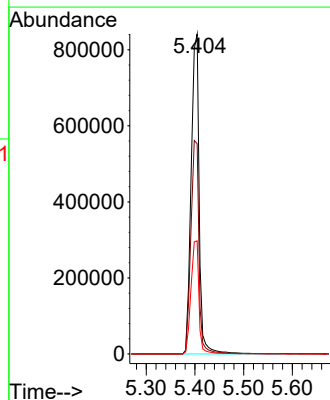
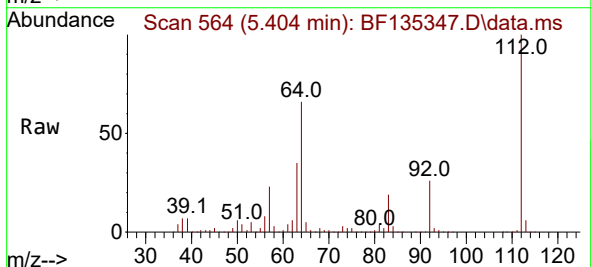
Instrument :
BNA_F
ClientSampleId :
DEL-1-LEFT-SIDE

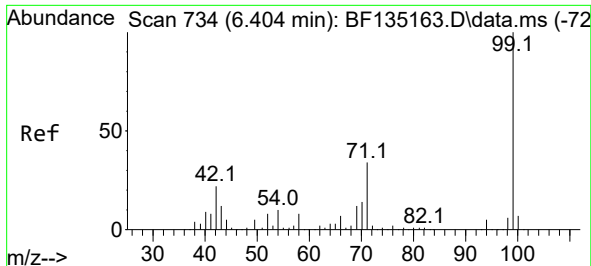
Tgt Ion:152 Resp: 125159
Ion Ratio Lower Upper
152 100
150 158.5 127.8 191.6
115 61.2 49.8 74.8



#5
2-Fluorophenol
Concen: 125.438 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.018 min
Lab File: BF135347.D
Acq: 19 Sep 2023 21:37

Tgt Ion:112 Resp: 965277
Ion Ratio Lower Upper
112 100
64 65.7 55.9 83.9
63 35.4 29.0 43.6

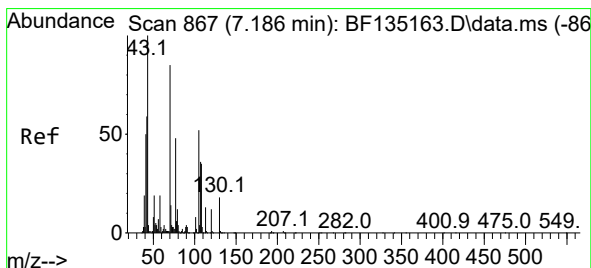
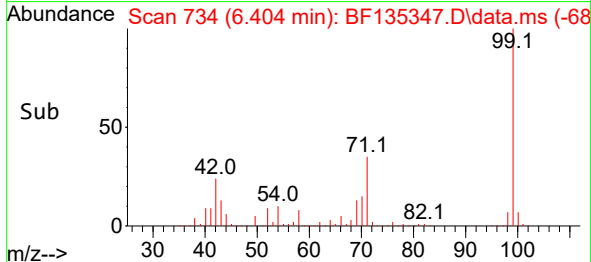
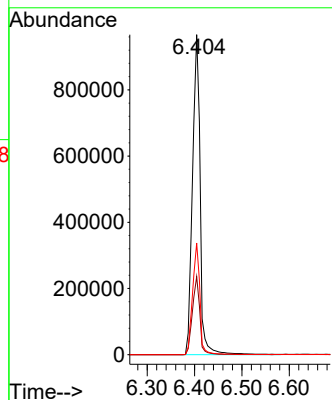
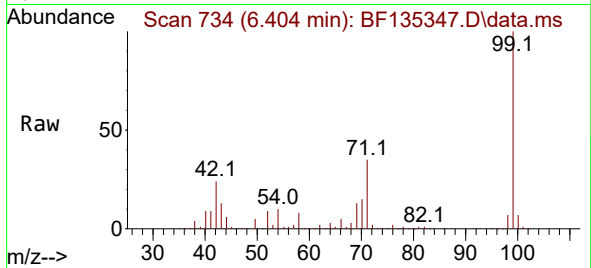




#7
Phenol-d6
Concen: 111.193 ng
RT: 6.404 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135347.D
Acq: 19 Sep 2023 21:37

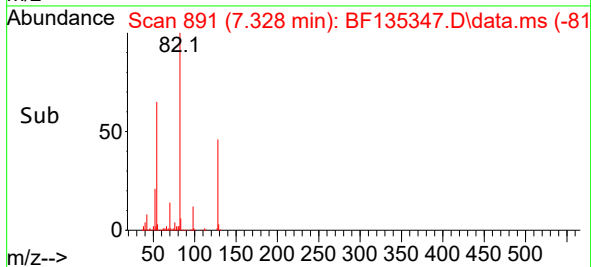
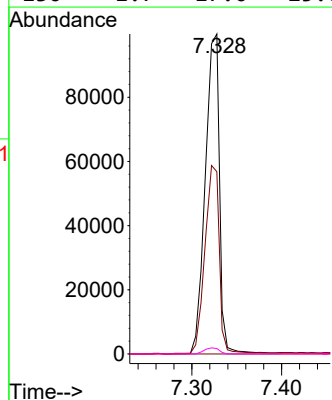
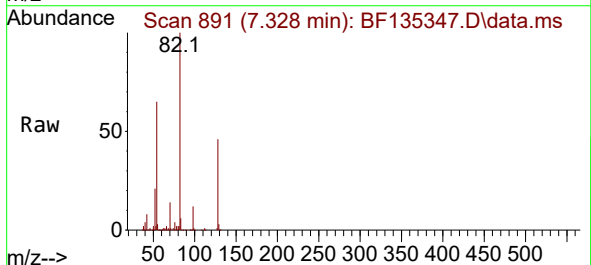
Instrument :
BNA_F
ClientSampleId :
DEL-1-LEFT-SIDE

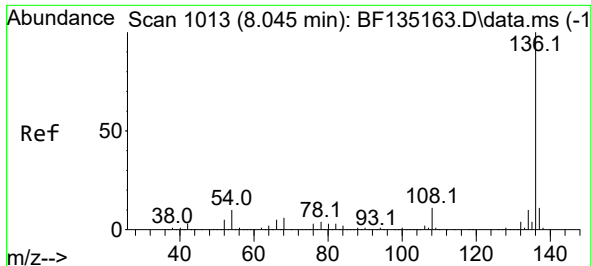
Tgt Ion: 99 Resp: 1088013
Ion Ratio Lower Upper
99 100
42 24.4 17.9 26.9
71 34.9 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 18.142 ng
RT: 7.328 min Scan# 891
Delta R.T. 0.141 min
Lab File: BF135347.D
Acq: 19 Sep 2023 21:37

Tgt Ion: 70 Resp: 109955
Ion Ratio Lower Upper
70 100
42 56.9 55.4 83.0
101 0.0 7.7 11.5#
130 1.7 17.0 25.6#

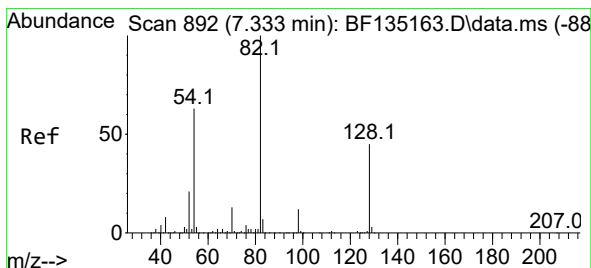
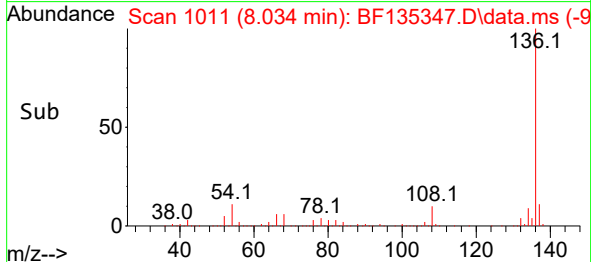
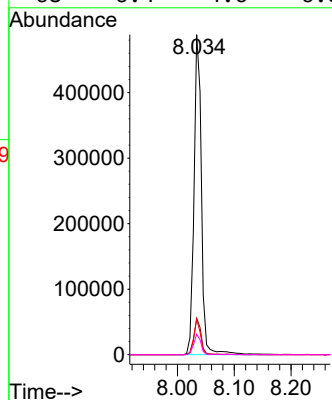
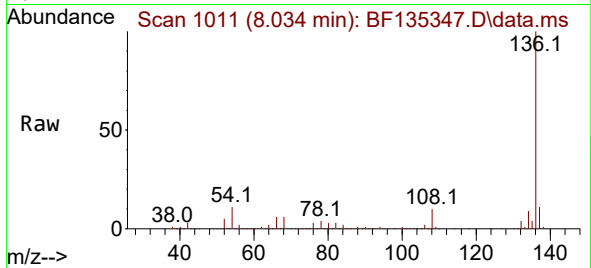




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1011
Delta R.T. -0.012 min
Lab File: BF135347.D
Acq: 19 Sep 2023 21:37

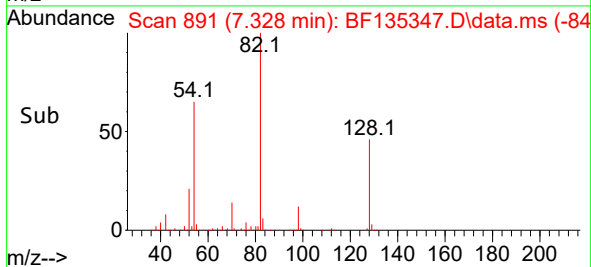
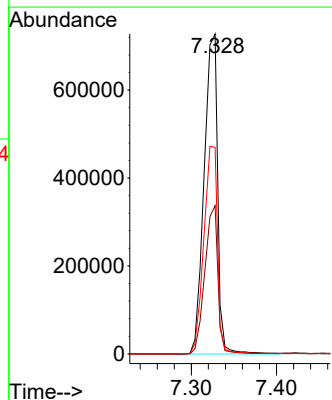
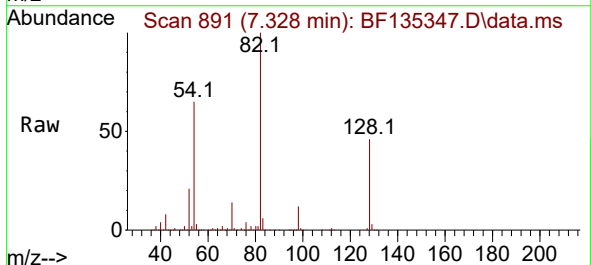
Instrument :
BNA_F
ClientSampleId :
DEL-1-LEFT-SIDE

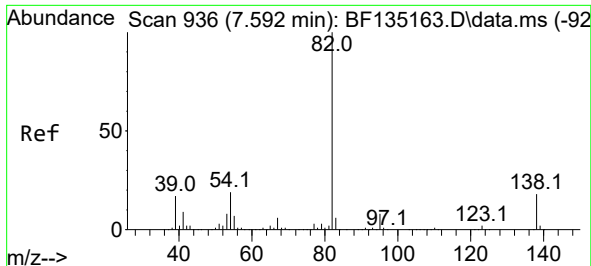
Tgt Ion:	136	Resp:	445502
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.8	13.2
54	11.1	7.7	11.5
68	6.4	4.6	6.8



#23
Nitrobenzene-d5
Concen: 98.256 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF135347.D
Acq: 19 Sep 2023 21:37

Tgt Ion:	82	Resp:	805700
Ion Ratio	Lower	Upper	
82	100		
128	46.3	35.8	53.6
54	64.6	50.6	76.0

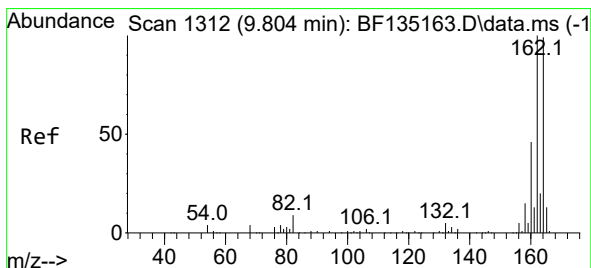
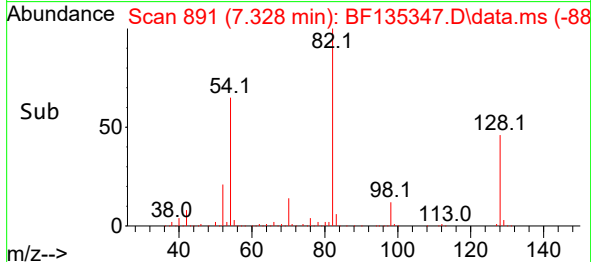
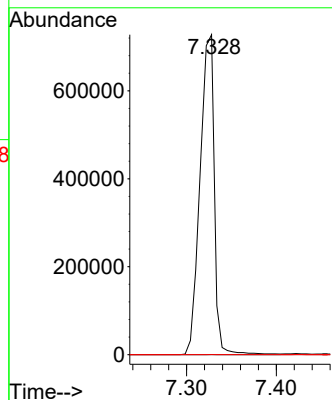
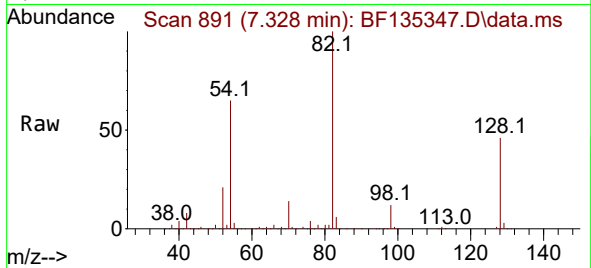




#25
Isophorone
Concen: 53.508 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.264 min
Lab File: BF135347.D
Acq: 19 Sep 2023 21:37

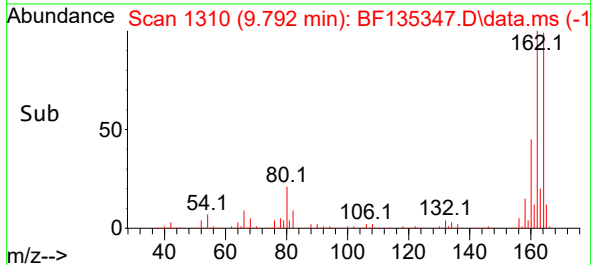
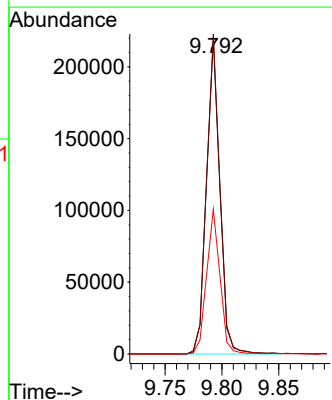
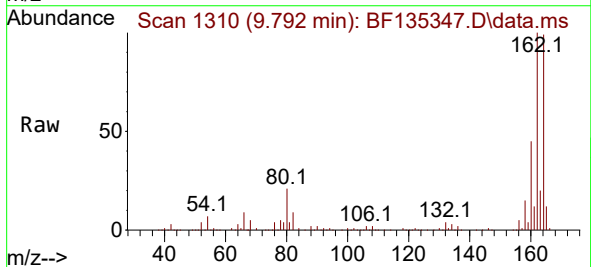
Instrument :
BNA_F
ClientSampleId :
DEL-1-LEFT-SIDE

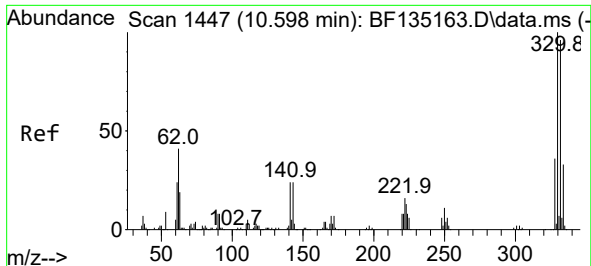
Tgt Ion: 82 Resp: 805694
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.011 min
Lab File: BF135347.D
Acq: 19 Sep 2023 21:37

Tgt Ion:164 Resp: 178848
Ion Ratio Lower Upper
164 100
162 101.4 81.0 121.4
160 45.8 37.0 55.4

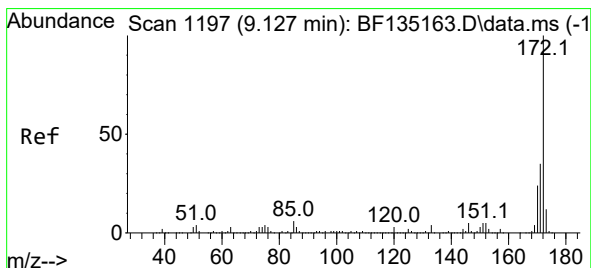
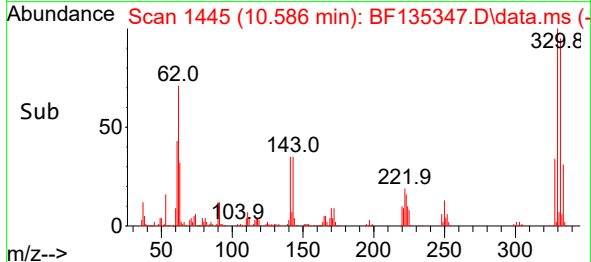
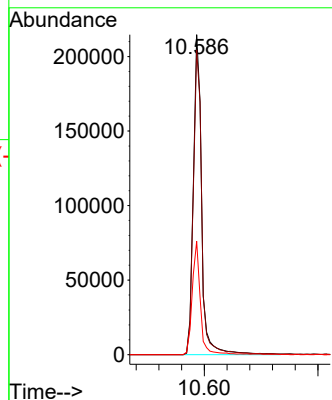
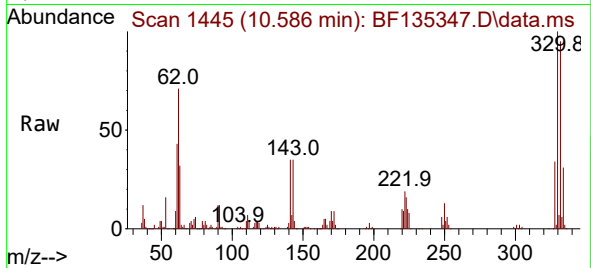




#42
2,4,6-Tribromophenol
Concen: 123.024 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.011 min
Lab File: BF135347.D
Acq: 19 Sep 2023 21:37

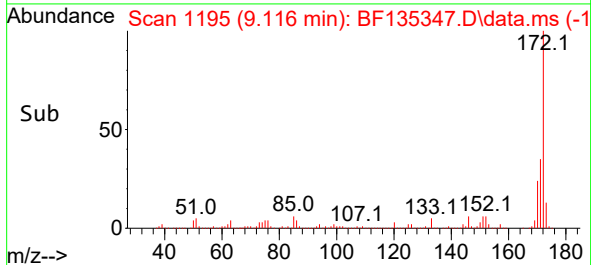
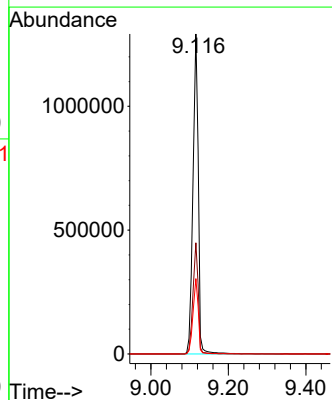
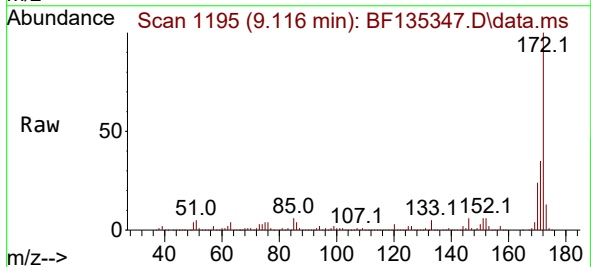
Instrument :
BNA_F
ClientSampleId :
DEL-1-LEFT-SIDE

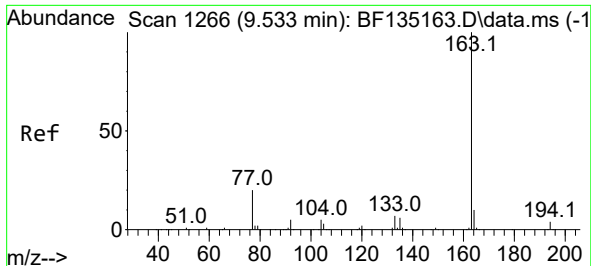
Tgt Ion:330 Resp: 218653
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 34.5 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 104.623 ng
RT: 9.116 min Scan# 1195
Delta R.T. -0.012 min
Lab File: BF135347.D
Acq: 19 Sep 2023 21:37

Tgt Ion:172 Resp: 1240226
Ion Ratio Lower Upper
172 100
171 34.7 28.4 42.6
170 23.6 19.0 28.4

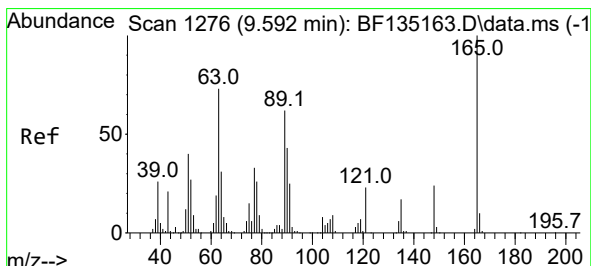
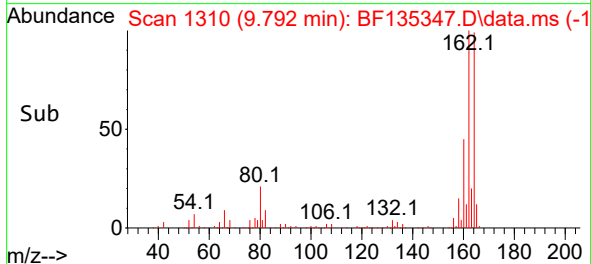
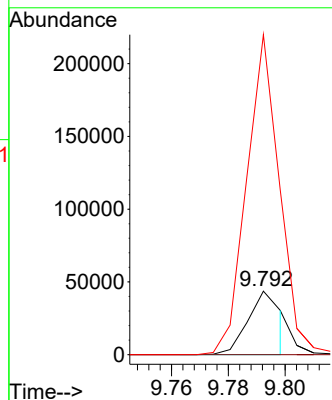
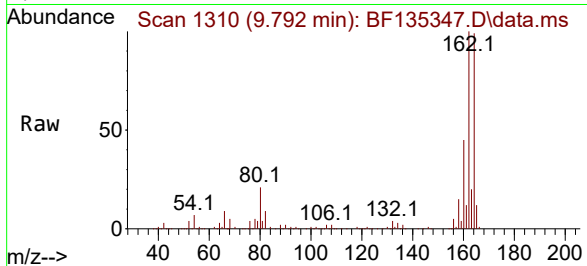




#50
Dimethylphthalate
Concen: 2.917 ng
RT: 9.792 min Scan# 1310
Delta R.T. 0.259 min
Lab File: BF135347.D
Acq: 19 Sep 2023 21:37

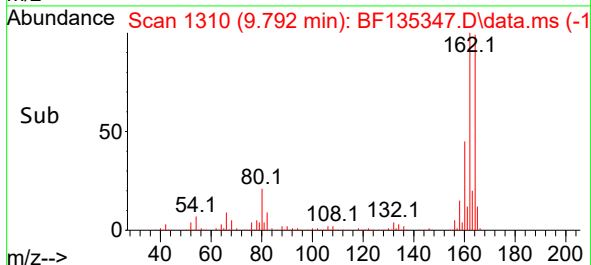
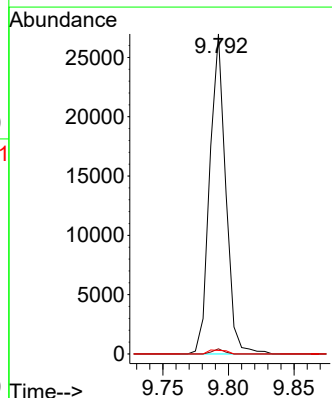
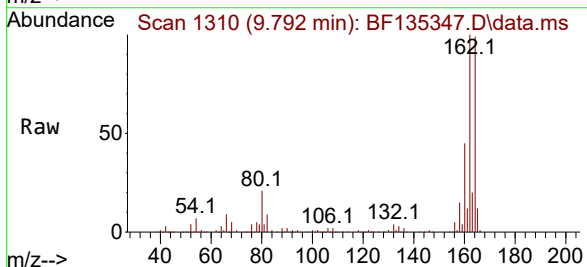
Instrument :
BNA_F
ClientSampleId :
DEL-1-LEFT-SIDE

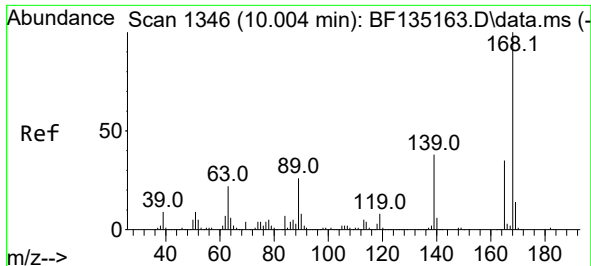
Tgt Ion:163 Resp: 35272
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 503.7 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.643 ng
RT: 9.792 min Scan# 1310
Delta R.T. 0.200 min
Lab File: BF135347.D
Acq: 19 Sep 2023 21:37

Tgt Ion:165 Resp: 22895
Ion Ratio Lower Upper
165 100
63 1.6 59.4 89.2#
89 1.1 49.8 74.8#

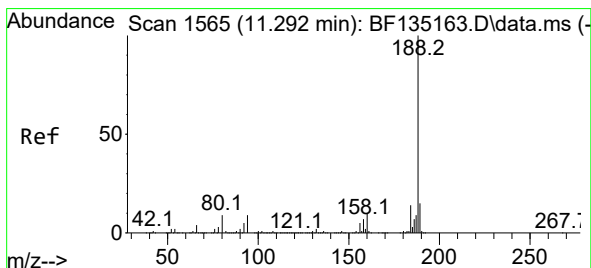
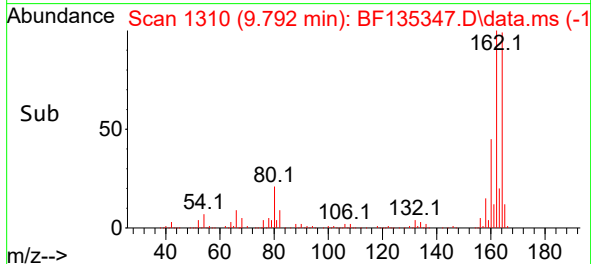
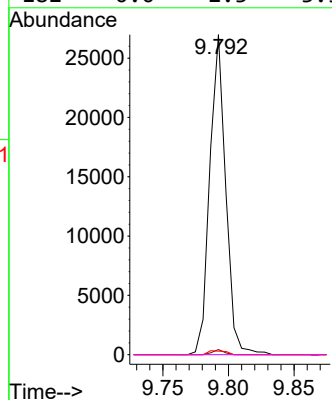
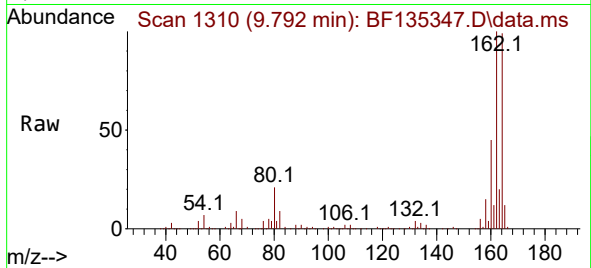




#57
2,4-Dinitrotoluene
Concen: 6.904 ng
RT: 9.792 min Scan# 11
Delta R.T. -0.211 min
Lab File: BF135347.D
Acq: 19 Sep 2023 21:37

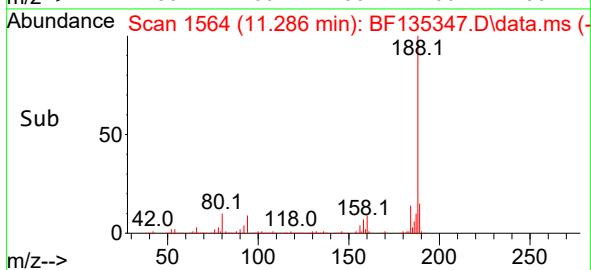
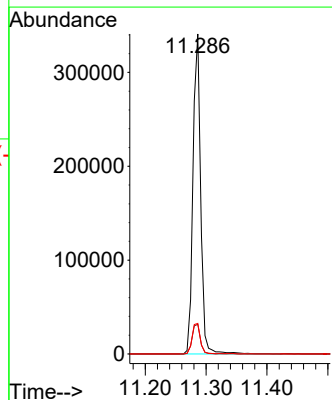
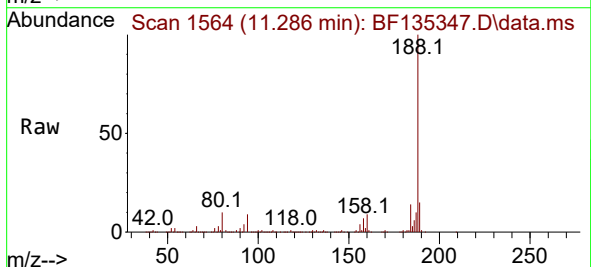
Instrument :
BNA_F
ClientSampleId :
DEL-1-LEFT-SIDE

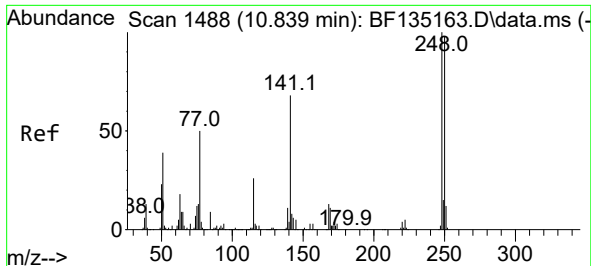
Tgt Ion:165	Resp:	22895
Ion Ratio	Lower	Upper
165	100	
63	1.6	50.1 75.1#
89	1.1	59.3 88.9#
182	0.0	2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF135347.D
Acq: 19 Sep 2023 21:37

Tgt Ion:188	Resp:	297809
Ion Ratio	Lower	Upper
188	100	
94	9.3	7.0 10.6
80	9.6	7.5 11.3

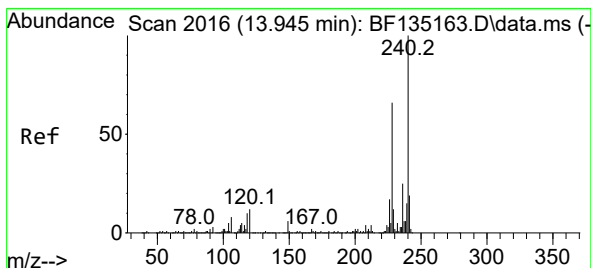
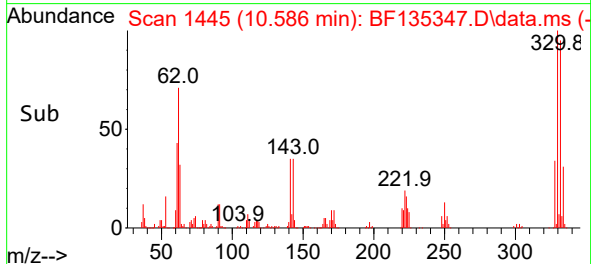
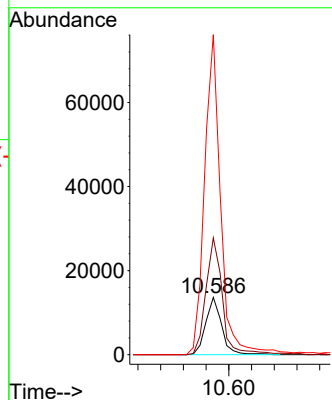
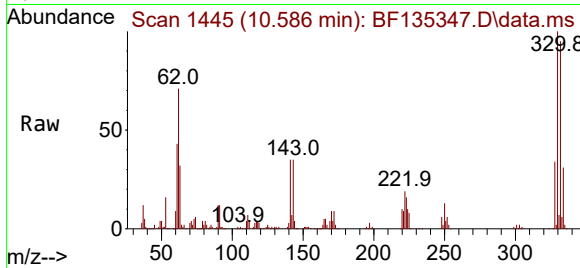




#67
4-Bromophenyl-phenylether
Concen: 4.469 ng
RT: 10.586 min Scan# 1488
Delta R.T. -0.253 min
Lab File: BF135347.D
Acq: 19 Sep 2023 21:37

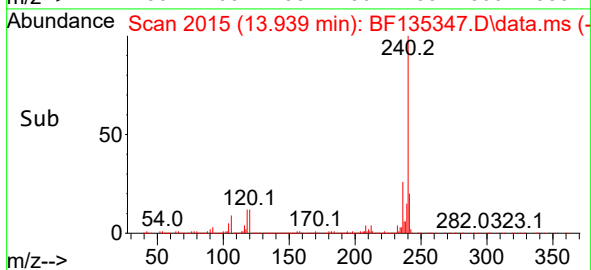
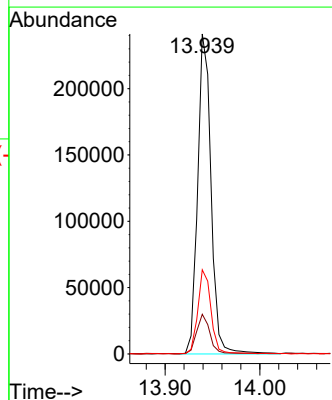
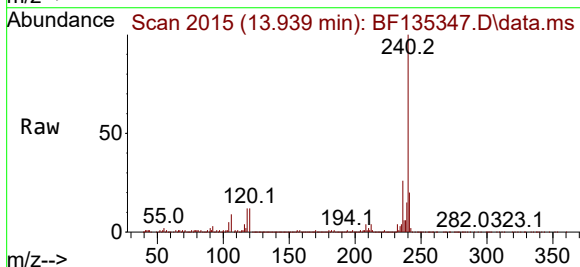
Instrument :
BNA_F
ClientSampleId :
DEL-1-LEFT-SIDE

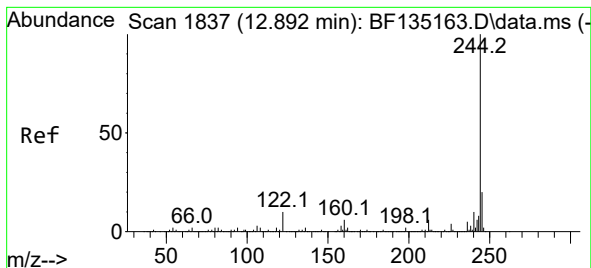
Tgt Ion:248 Resp: 13236
Ion Ratio Lower Upper
248 100
250 204.1 78.6 117.8#
141 559.0 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF135347.D
Acq: 19 Sep 2023 21:37

Tgt Ion:240 Resp: 237935
Ion Ratio Lower Upper
240 100
120 12.4 9.4 14.2
236 26.3 19.8 29.8





#79

Terphenyl-d14

Concen: 72.016 ng

RT: 12.886 min Scan# 1836

Delta R.T. -0.006 min

Lab File: BF135347.D

Acq: 19 Sep 2023 21:37

Instrument :

BNA_F

ClientSampleId :

DEL-1-LEFT-SIDE

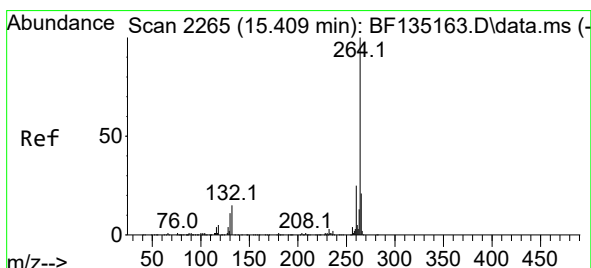
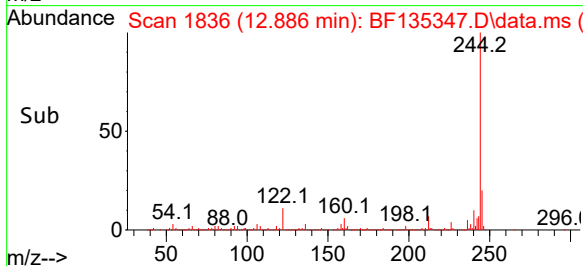
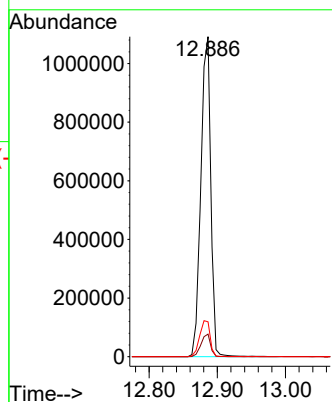
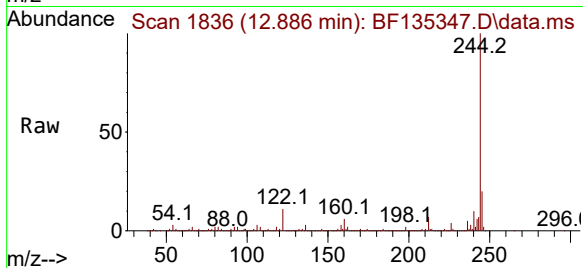
Tgt Ion:244 Resp: 1105350

Ion Ratio Lower Upper

244 100

212 7.0 5.1 7.7

122 10.9 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.410 min Scan# 2265

Delta R.T. 0.000 min

Lab File: BF135347.D

Acq: 19 Sep 2023 21:37

Tgt Ion:264 Resp: 195343

Ion Ratio Lower Upper

264 100

260 22.5 19.8 29.6

265 21.2 17.0 25.4

