

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091923\
 Data File : BF135342.D
 Acq On : 19 Sep 2023 18:57
 Operator : CG\JU
 Sample : 04460-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DEL-2-RIGHT-SIDE

Quant Time: Sep 20 01:38:08 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	138161	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	520677	20.000	ng	-0.01
39) Acenaphthene-d10	9.792	164	264116	20.000	ng	-0.01
64) Phenanthrene-d10	11.280	188	516081	20.000	ng	#-0.01
76) Chrysene-d12	13.939	240	245342	20.000	ng	0.00
86) Perylene-d12	15.404	264	258766	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	1094986	128.903	ng	0.02
7) Phenol-d6	6.404	99	1307009	121.003	ng	0.00
23) Nitrobenzene-d5	7.322	82	971462	101.366	ng	-0.01
42) 2,4,6-Tribromophenol	10.592	330	365606	139.296	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	1597356	91.246	ng	-0.01
79) Terphenyl-d14	12.886	244	1587974	100.336	ng	0.00

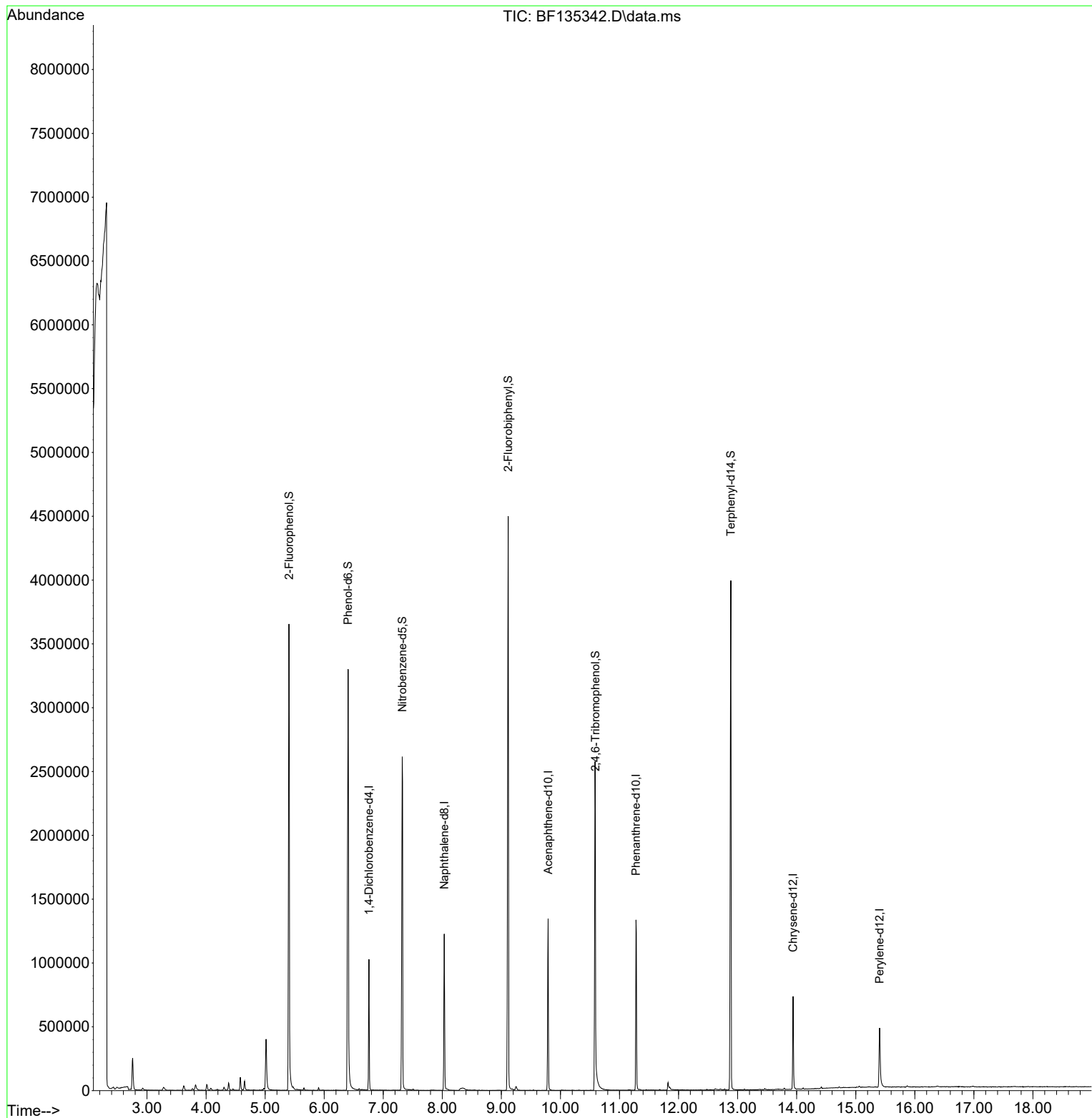
Target Compounds	Qvalue

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

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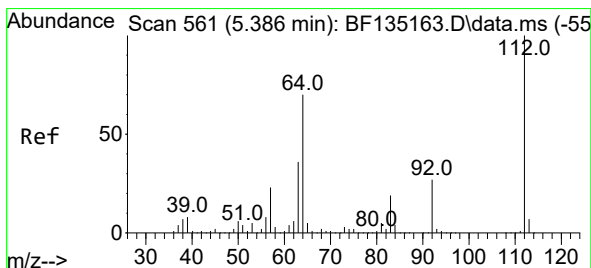
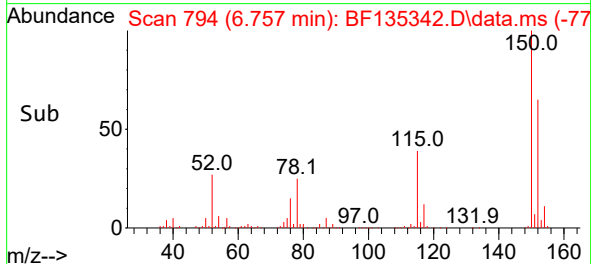
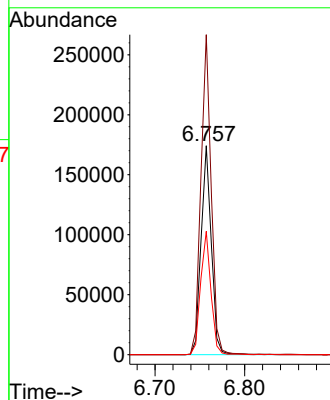
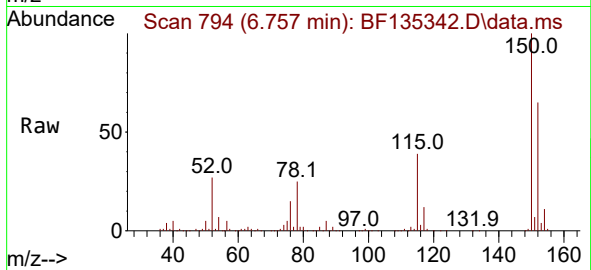




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF135342.D
Acq: 19 Sep 2023 18:57

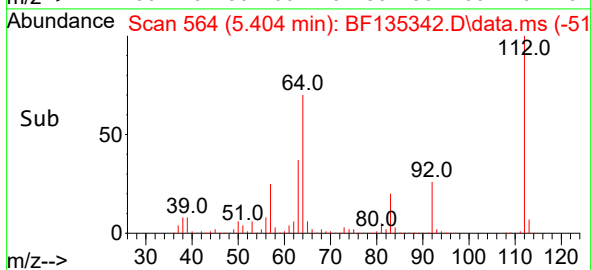
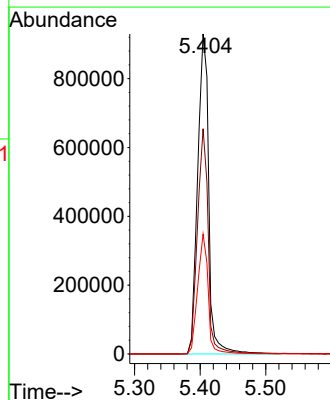
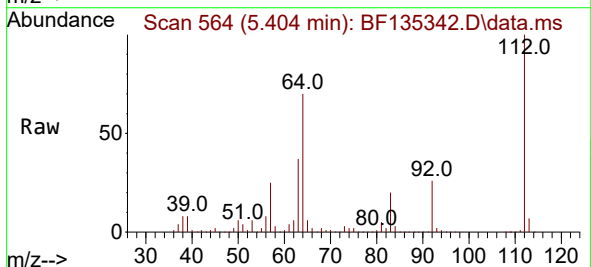
Instrument :
BNA_F
ClientSampleId :
DEL-2-RIGHT-SIDE

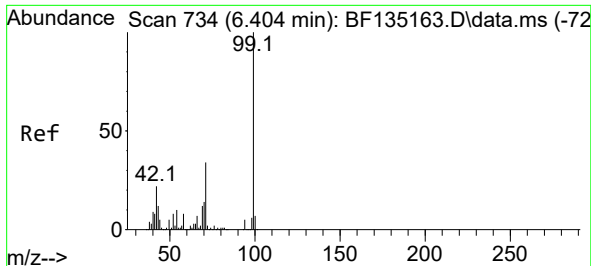
Tgt Ion:152 Resp: 138161
Ion Ratio Lower Upper
152 100
150 153.1 127.8 191.6
115 59.0 49.8 74.8



#5
2-Fluorophenol
Concen: 128.903 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.018 min
Lab File: BF135342.D
Acq: 19 Sep 2023 18:57

Tgt Ion:112 Resp: 1094986
Ion Ratio Lower Upper
112 100
64 70.4 55.9 83.9
63 37.5 29.0 43.6



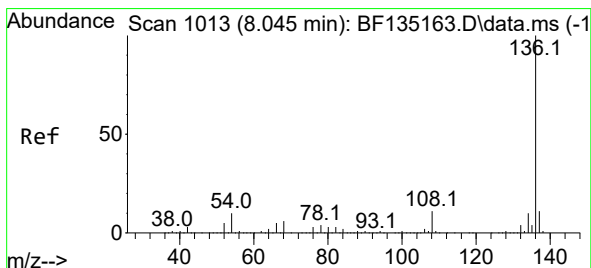
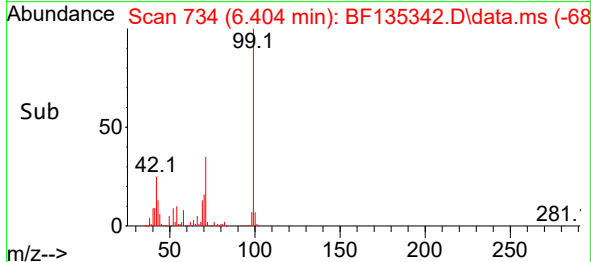
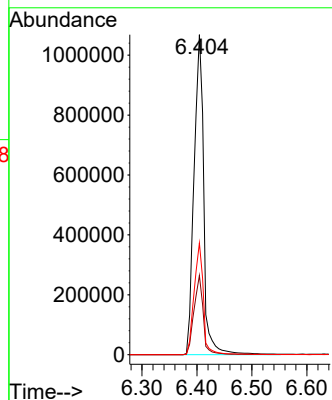
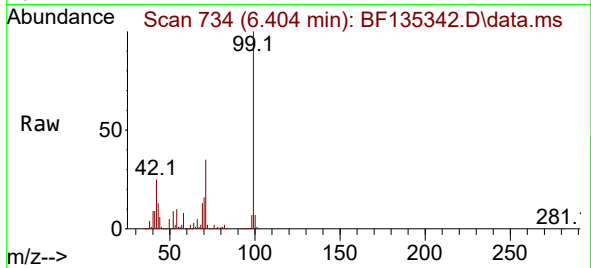


#7
Phenol-d6
Concen: 121.003 ng
RT: 6.404 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135342.D
Acq: 19 Sep 2023 18:57

Instrument :
BNA_F
ClientSampleId :
DEL-2-RIGHT-SIDE

Tgt Ion: 99 Resp: 1307009

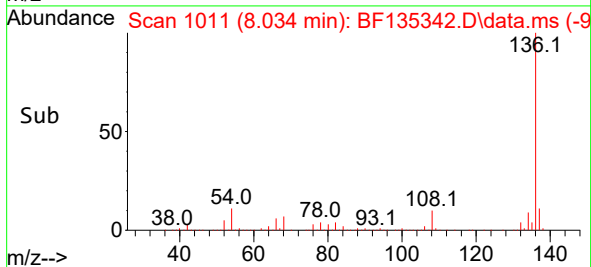
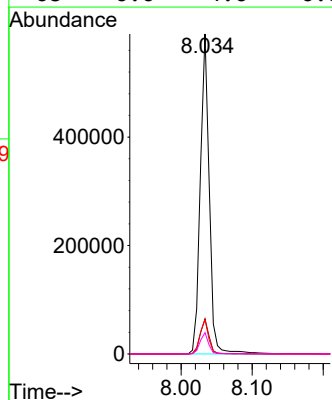
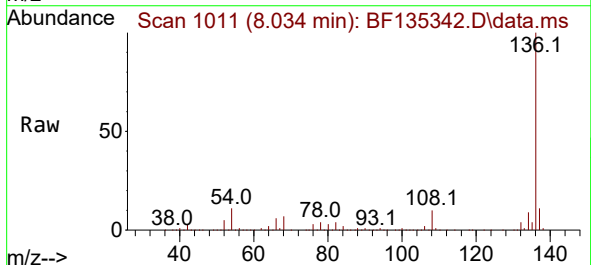
Ion	Ratio	Lower	Upper
99	100		
42	24.7	17.9	26.9
71	34.9	27.0	40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1011
Delta R.T. -0.012 min
Lab File: BF135342.D
Acq: 19 Sep 2023 18:57

Tgt Ion: 136 Resp: 520677

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	10.7	7.7	11.5
68	6.6	4.6	6.8





#23

Nitrobenzene-d5

Concen: 101.366 ng

RT: 7.322 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF135342.D

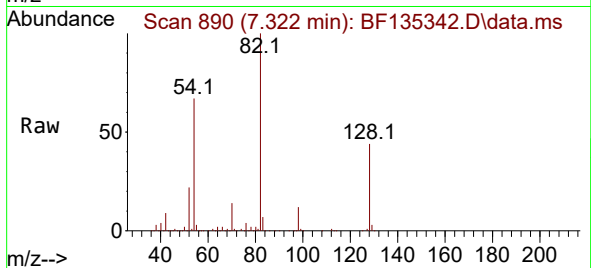
Acq: 19 Sep 2023 18:57

Instrument :

BNA_F

ClientSampleId :

DEL-2-RIGHT-SIDE



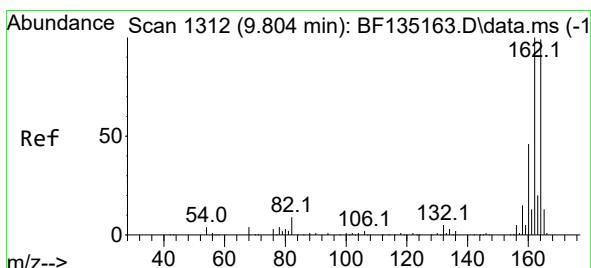
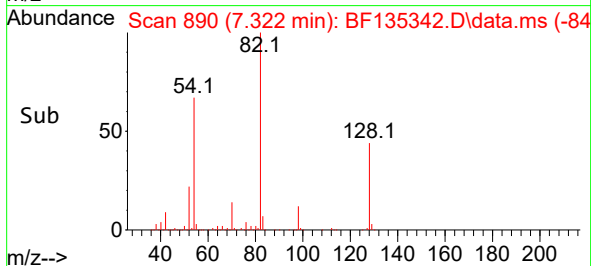
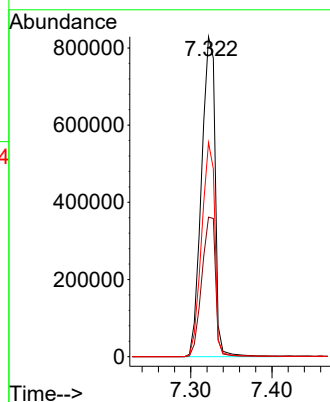
Tgt Ion: 82 Resp: 971462

Ion Ratio Lower Upper

82 100

128 43.6 35.8 53.6

54 66.9 50.6 76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.792 min Scan# 1310

Delta R.T. -0.012 min

Lab File: BF135342.D

Acq: 19 Sep 2023 18:57

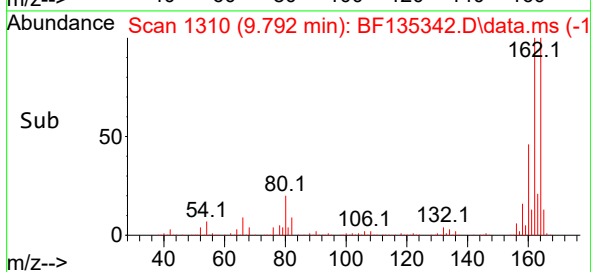
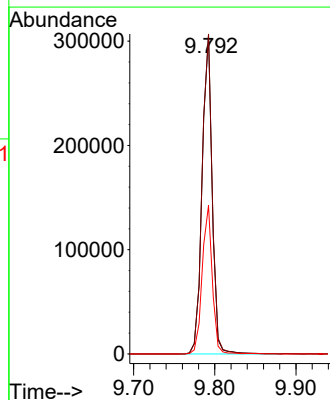
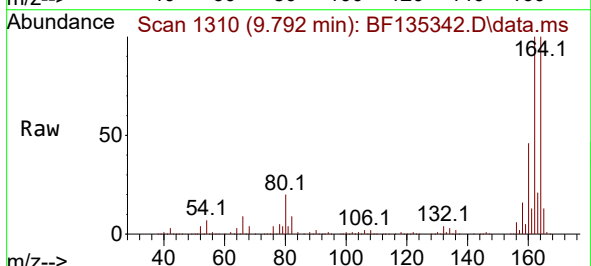
Tgt Ion: 164 Resp: 264116

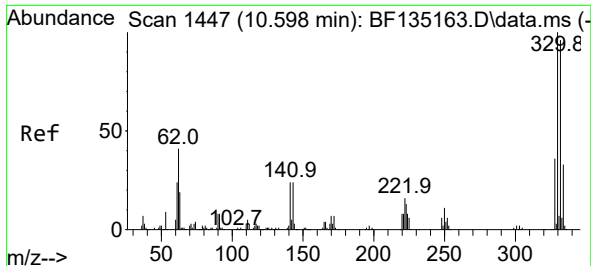
Ion Ratio Lower Upper

164 100

162 100.1 81.0 121.4

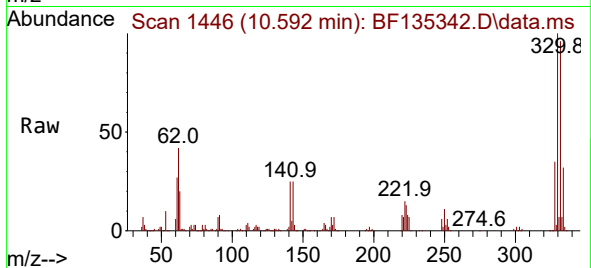
160 46.5 37.0 55.4



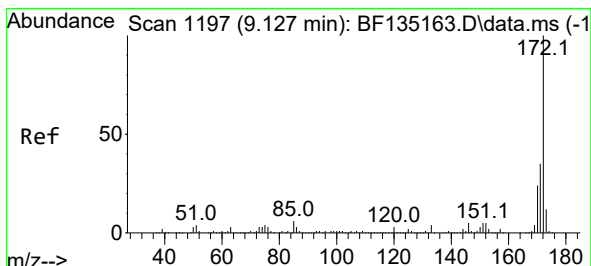
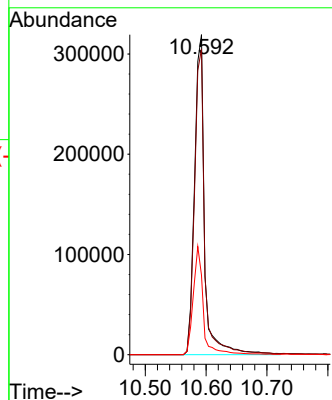
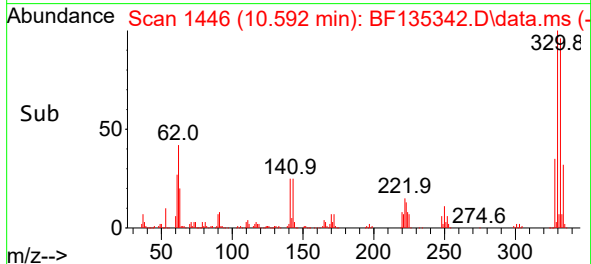


#42
2,4,6-Tribromophenol
Concen: 139.296 ng
RT: 10.592 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF135342.D
Acq: 19 Sep 2023 18:57

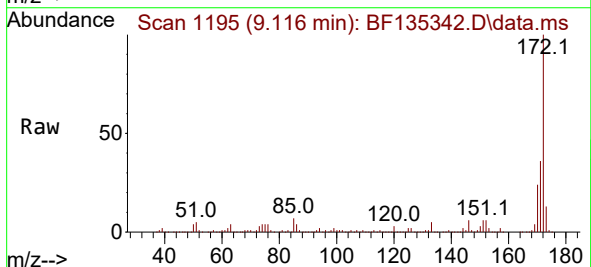
Instrument :
BNA_F
ClientSampleId :
DEL-2-RIGHT-SIDE



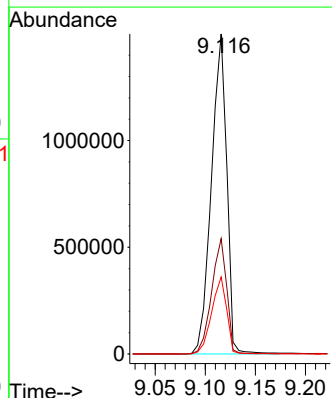
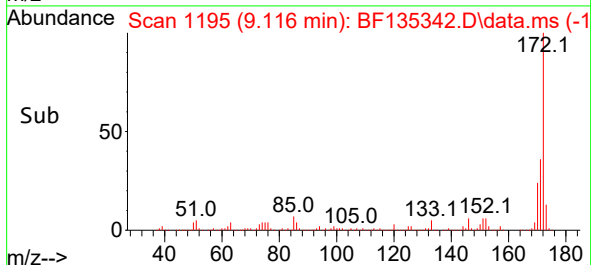
Tgt Ion:330 Resp: 365606
Ion Ratio Lower Upper
330 100
332 96.0 77.3 115.9
141 34.0 25.8 38.8

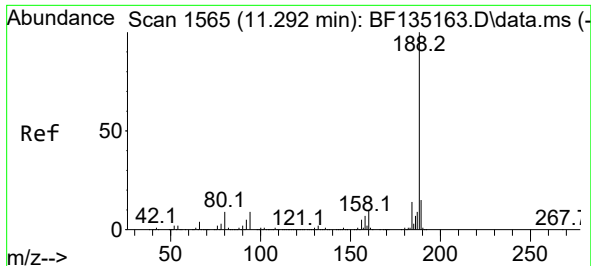


#45
2-Fluorobiphenyl
Concen: 91.246 ng
RT: 9.116 min Scan# 1195
Delta R.T. -0.012 min
Lab File: BF135342.D
Acq: 19 Sep 2023 18:57



Tgt Ion:172 Resp: 1597356
Ion Ratio Lower Upper
172 100
171 36.1 28.4 42.6
170 24.1 19.0 28.4

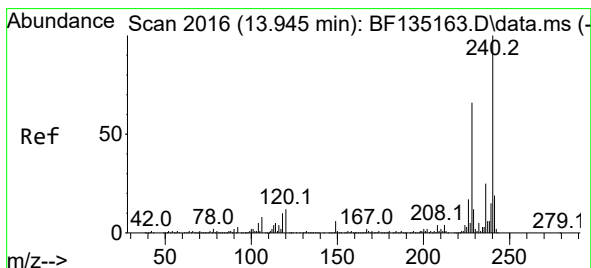
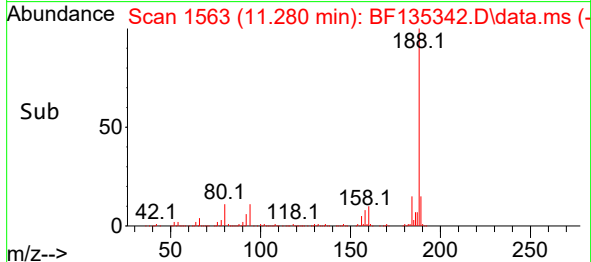
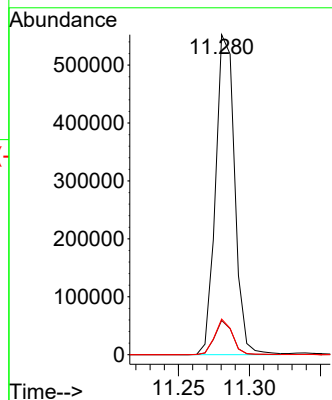
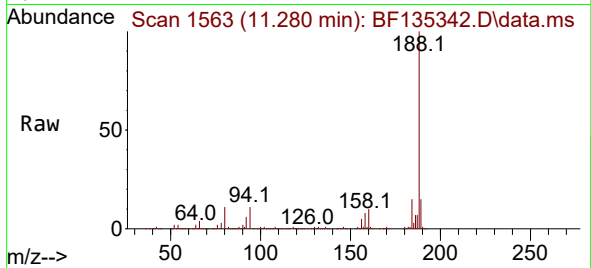




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.280 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF135342.D
Acq: 19 Sep 2023 18:57

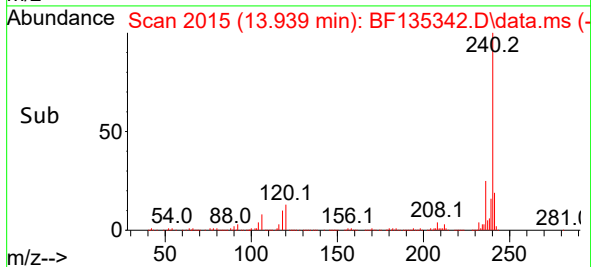
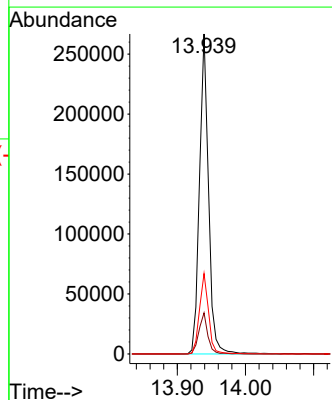
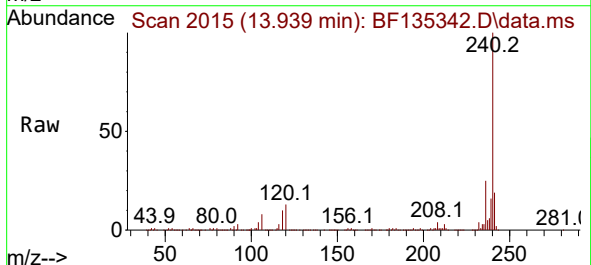
Instrument :
BNA_F
ClientSampleId :
DEL-2-RIGHT-SIDE

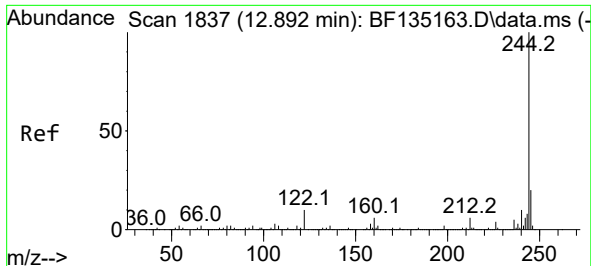
Tgt Ion:188 Resp: 516081
Ion Ratio Lower Upper
188 100
94 10.7 7.0 10.6#
80 11.2 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF135342.D
Acq: 19 Sep 2023 18:57

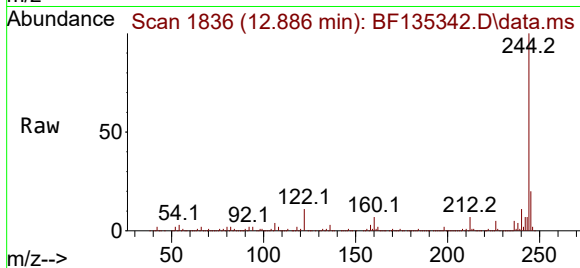
Tgt Ion:240 Resp: 245342
Ion Ratio Lower Upper
240 100
120 12.9 9.4 14.2
236 25.2 19.8 29.8





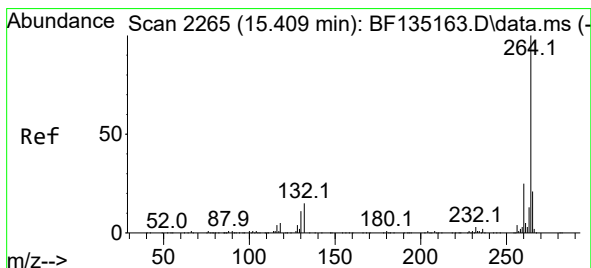
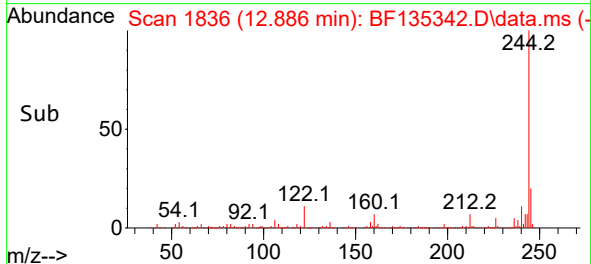
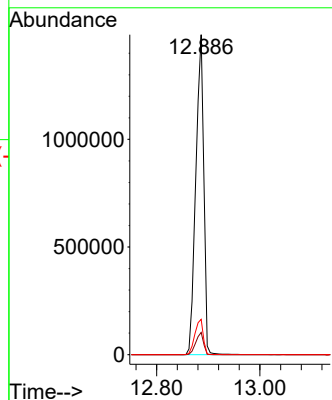
#79
 Terphenyl-d14
 Concen: 100.336 ng
 RT: 12.886 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF135342.D
 Acq: 19 Sep 2023 18:57

Instrument :
 BNA_F
 ClientSampleId :
 DEL-2-RIGHT-SIDE



Tgt Ion:244 Resp: 1587974

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.1	7.7
122	11.1	7.9	11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.404 min Scan# 2264
 Delta R.T. -0.006 min
 Lab File: BF135342.D
 Acq: 19 Sep 2023 18:57

Tgt Ion:264 Resp: 258766

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.8	29.6
265	20.9	17.0	25.4

