

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091323\
 Data File : BF135235.D
 Acq On : 13 Sep 2023 21:59
 Operator : CG\JU
 Sample : 04336-07RE
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUCT-BANK-BRE

Quant Time: Sep 14 02:24:35 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	6.763	152	221200	20.000	ng	0.00
21) Naphthalene-d8	8.040	136	790558	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	369350	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	578673	20.000	ng	0.00
76) Chrysene-d12	13.945	240	432495	20.000	ng	0.00
86) Perylene-d12	15.416	264	410187	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	920769	67.703	ng	0.02
7) Phenol-d6	6.410	99	1178794	68.164	ng	0.00
23) Nitrobenzene-d5	7.328	82	734429	50.472	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	231486	63.068	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1252490	51.162	ng	0.00
79) Terphenyl-d14	12.892	244	976391	34.997	ng	0.00

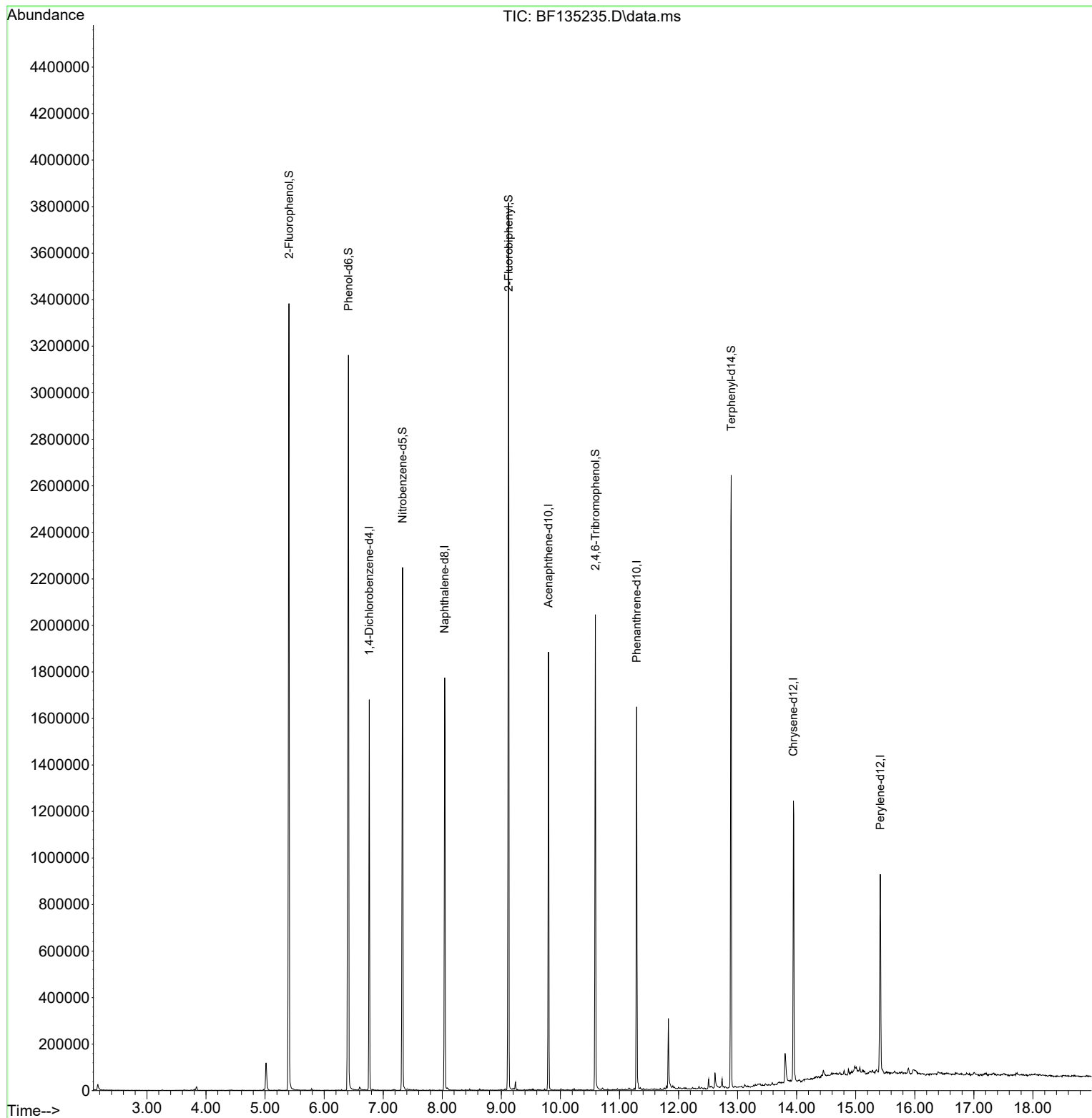
Target Compounds	Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091323\
Data File : BF135235.D
Acq On : 13 Sep 2023 21:59
Operator : CG\JU
Sample : 04336-07RE
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-BRE

Quant Time: Sep 14 02:24:35 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

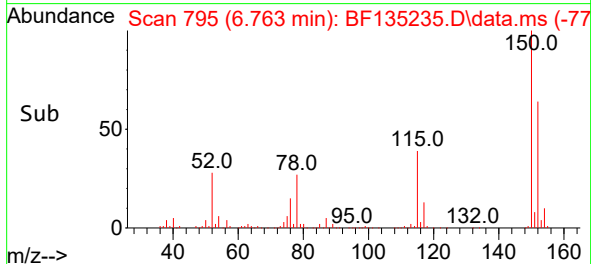
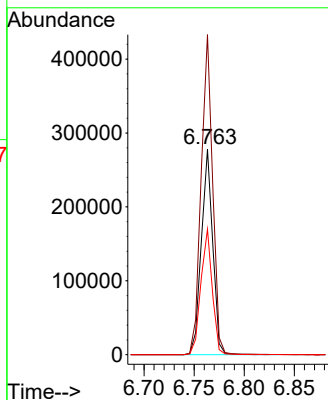
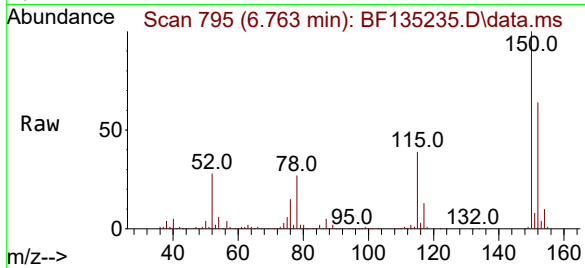




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135235.D
Acq: 13 Sep 2023 21:59

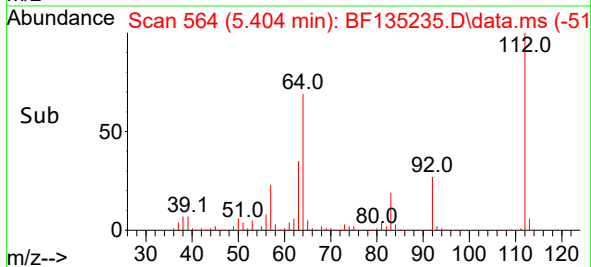
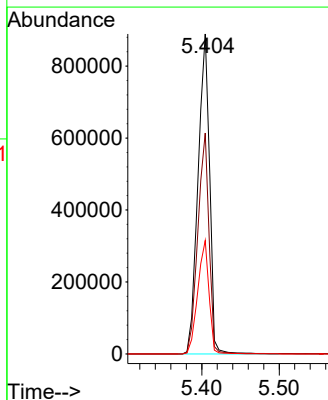
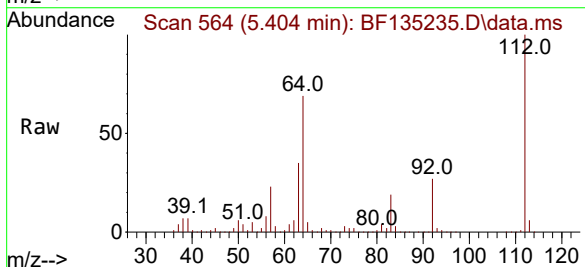
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-BRE

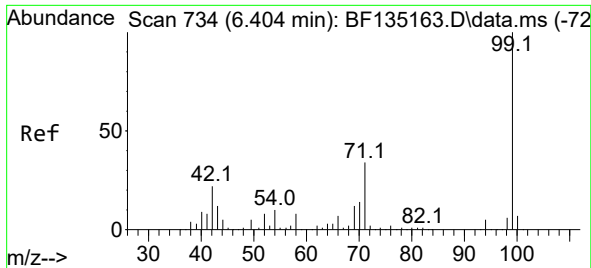
Tgt Ion:152 Resp: 221200
Ion Ratio Lower Upper
152 100
150 155.7 127.8 191.6
115 61.1 49.8 74.8



#5
2-Fluorophenol
Concen: 67.703 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.018 min
Lab File: BF135235.D
Acq: 13 Sep 2023 21:59

Tgt Ion:112 Resp: 920769
Ion Ratio Lower Upper
112 100
64 69.0 55.9 83.9
63 35.4 29.0 43.6





#7

Phenol-d6

Concen: 68.164 ng

RT: 6.410 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF135235.D

Acq: 13 Sep 2023 21:59

Instrument :

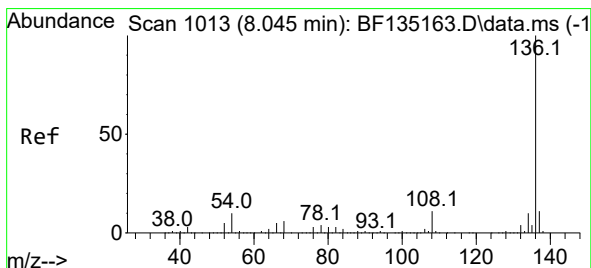
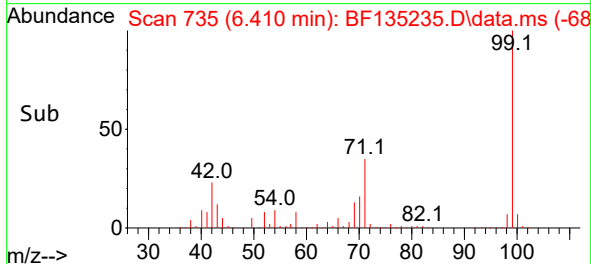
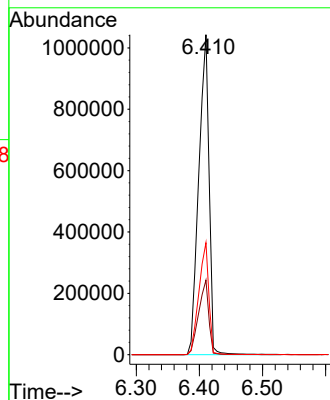
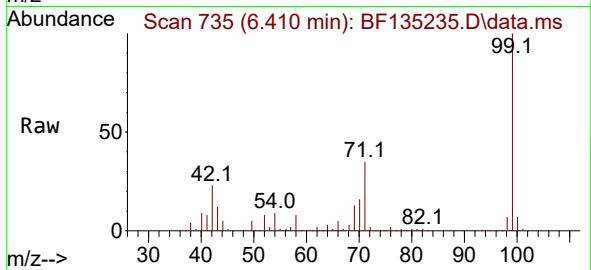
BNA_F

ClientSampleId :

DUCT-BANK-BRE

Tgt Ion: 99 Resp: 1178794

Ion	Ratio	Lower	Upper
99	100		
42	23.3	17.9	26.9
71	35.0	27.0	40.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.040 min Scan# 1012

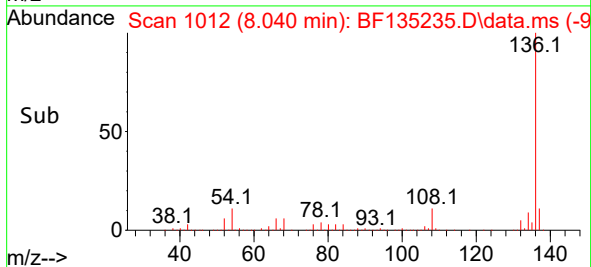
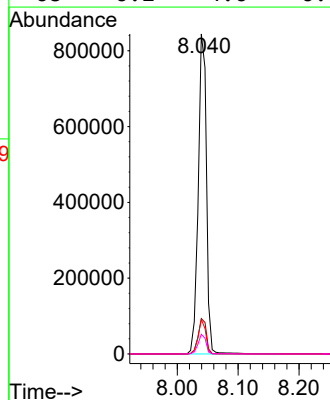
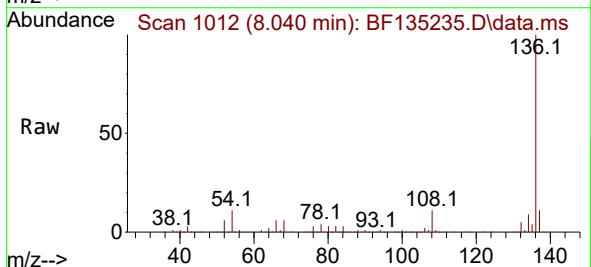
Delta R.T. -0.006 min

Lab File: BF135235.D

Acq: 13 Sep 2023 21:59

Tgt Ion: 136 Resp: 790558

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	10.8	7.7	11.5
68	6.2	4.6	6.8





#23

Nitrobenzene-d5

Concen: 50.472 ng

RT: 7.328 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF135235.D

Acq: 13 Sep 2023 21:59

Instrument :

BNA_F

ClientSampleId :

DUCT-BANK-BRE

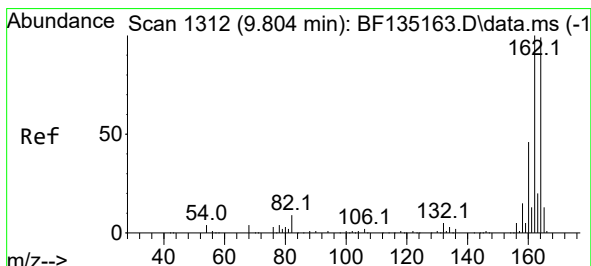
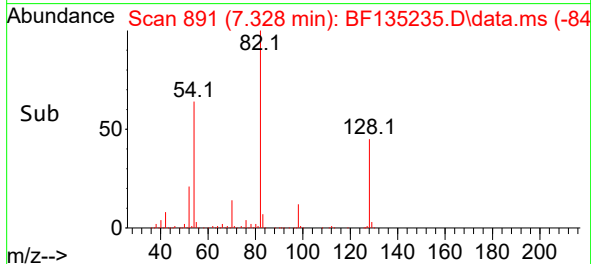
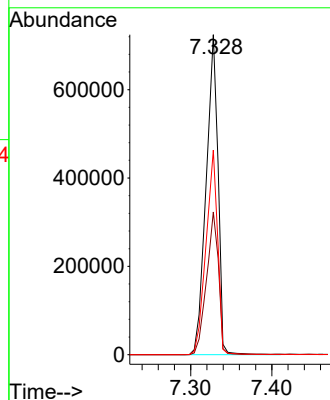
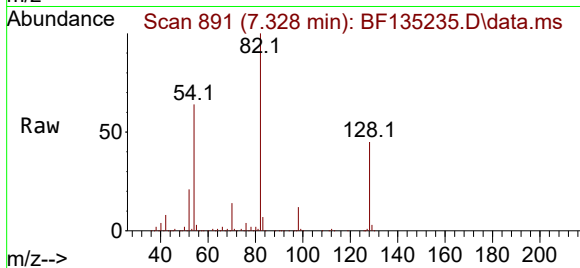
Tgt Ion: 82 Resp: 734429

Ion Ratio Lower Upper

82 100

128 44.6 35.8 53.6

54 63.9 50.6 76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.798 min Scan# 1311

Delta R.T. -0.006 min

Lab File: BF135235.D

Acq: 13 Sep 2023 21:59

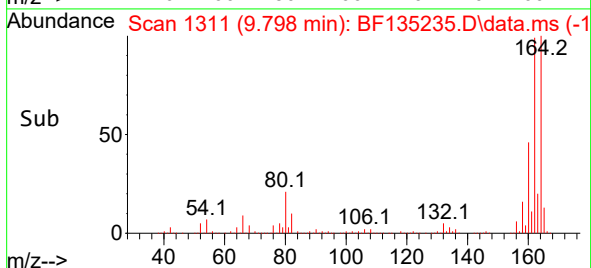
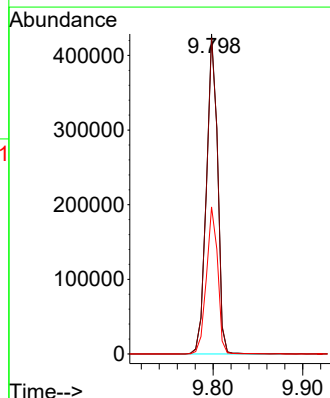
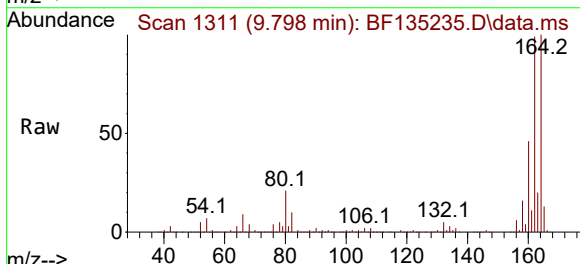
Tgt Ion: 164 Resp: 369350

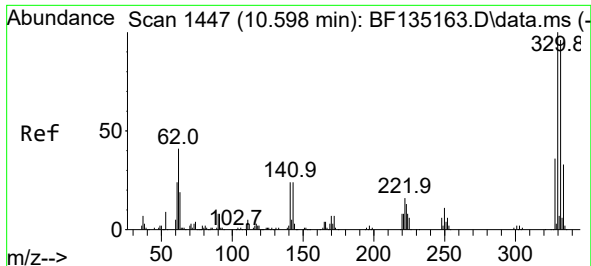
Ion Ratio Lower Upper

164 100

162 98.7 81.0 121.4

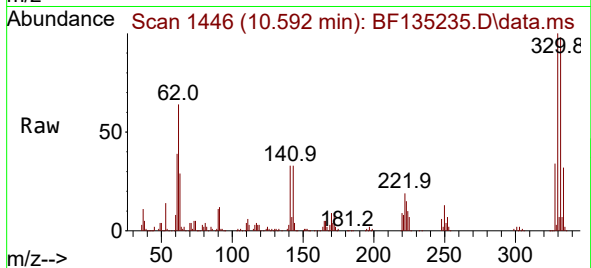
160 46.0 37.0 55.4





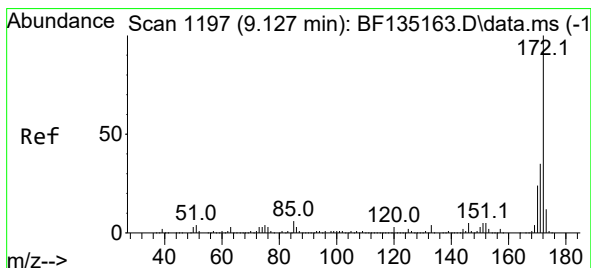
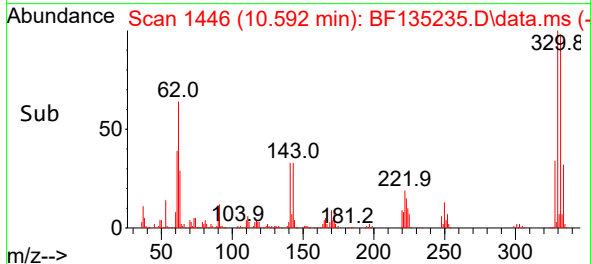
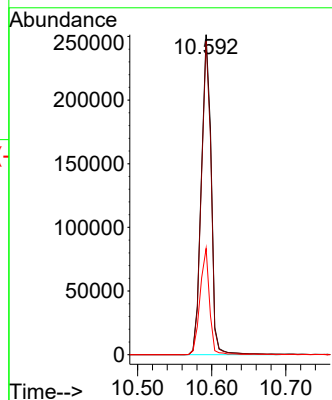
#42
 2,4,6-Tribromophenol
 Concen: 63.068 ng
 RT: 10.592 min Scan# 1446
 Delta R.T. -0.006 min
 Lab File: BF135235.D
 Acq: 13 Sep 2023 21:59

Instrument :
 BNA_F
 ClientSampleId :
 DUCT-BANK-BRE



Tgt Ion: 330 Resp: 231486

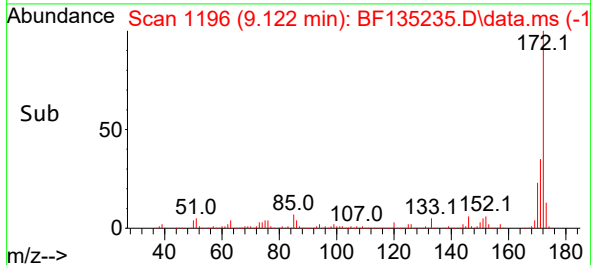
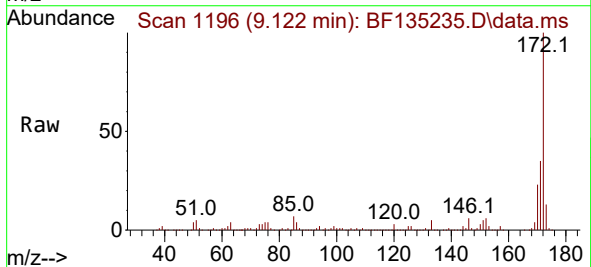
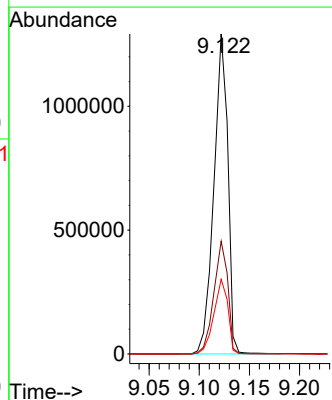
Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.3	115.9
141	31.8	25.8	38.8

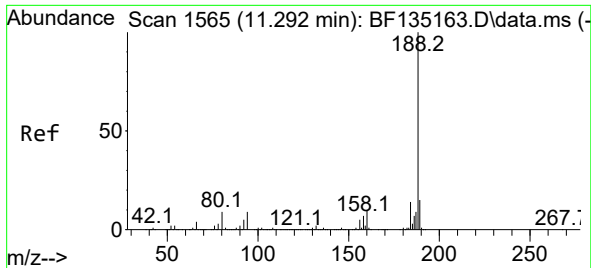


#45
 2-Fluorobiphenyl
 Concen: 51.162 ng
 RT: 9.122 min Scan# 1196
 Delta R.T. -0.006 min
 Lab File: BF135235.D
 Acq: 13 Sep 2023 21:59

Tgt Ion: 172 Resp: 1252490

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.4	42.6
170	23.4	19.0	28.4

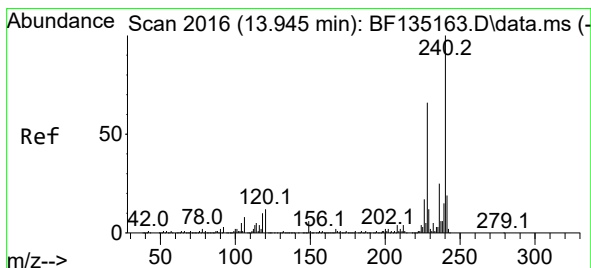
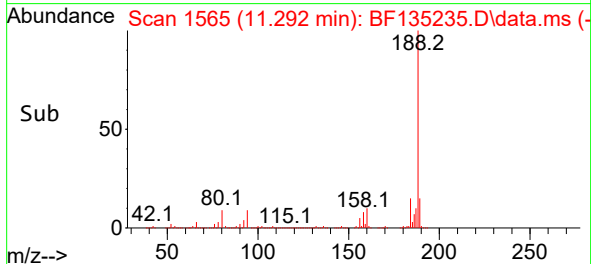
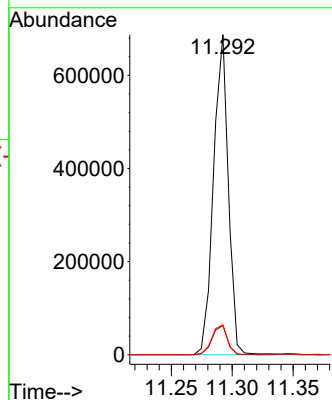
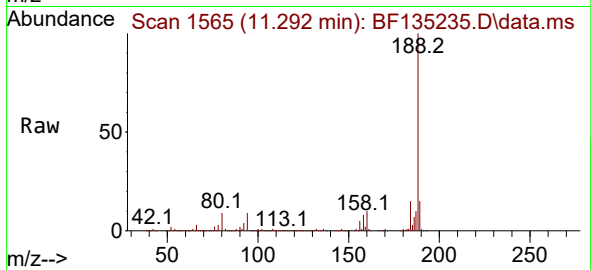




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.292 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135235.D
Acq: 13 Sep 2023 21:59

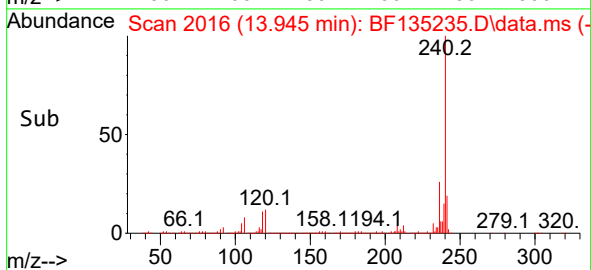
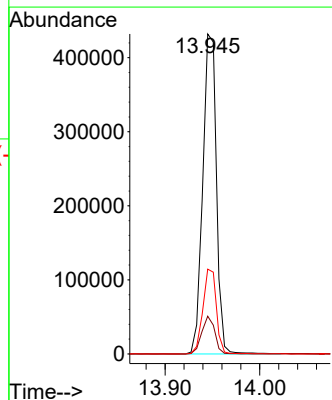
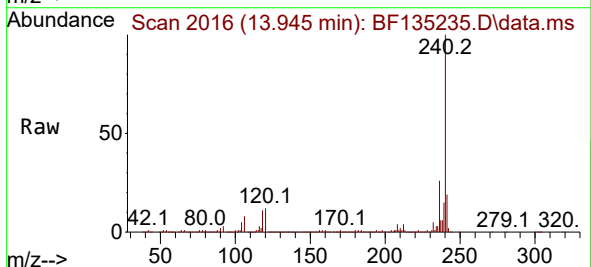
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-BRE

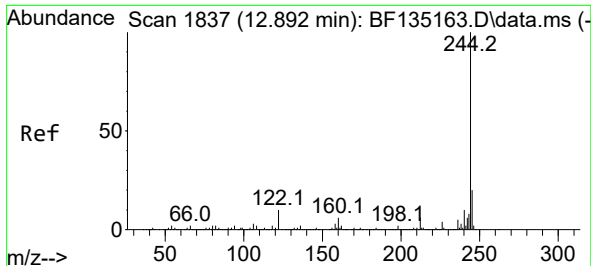
Tgt Ion:188 Resp: 578673
Ion Ratio Lower Upper
188 100
94 9.1 7.0 10.6
80 9.3 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF135235.D
Acq: 13 Sep 2023 21:59

Tgt Ion:240 Resp: 432495
Ion Ratio Lower Upper
240 100
120 11.8 9.4 14.2
236 26.5 19.8 29.8

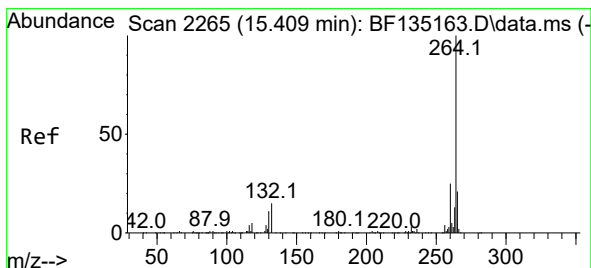
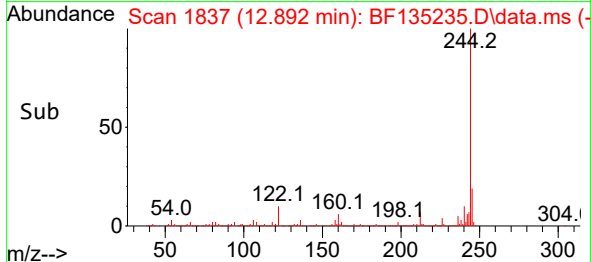
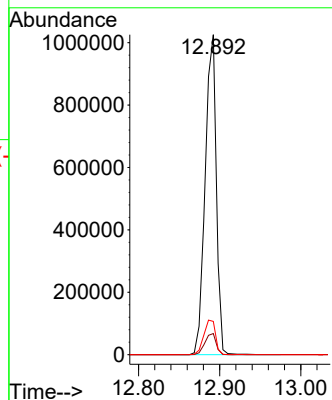
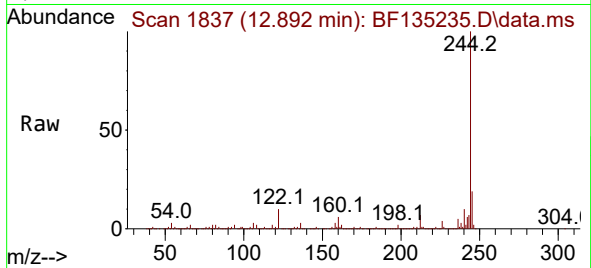




#79
 Terphenyl-d14
 Concen: 34.997 ng
 RT: 12.892 min Scan# 1837
 Delta R.T. 0.000 min
 Lab File: BF135235.D
 Acq: 13 Sep 2023 21:59

Instrument :
 BNA_F
 ClientSampleId :
 DUCT-BANK-BRE

Tgt Ion:244 Resp: 976391
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.1 7.7
 122 10.4 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.416 min Scan# 2266
 Delta R.T. 0.006 min
 Lab File: BF135235.D
 Acq: 13 Sep 2023 21:59

Tgt Ion:264 Resp: 410187
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.8 29.6
 265 20.9 17.0 25.4

