

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092623\
 Data File : BF135445.D
 Acq On : 26 Sep 2023 11:13
 Operator : CG\JU
 Sample : PB155781BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155781BL

Quant Time: Sep 27 02:08:41 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 26 01:36:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.751	152	176472	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	680629	20.000	ng	# 0.00
39) Acenaphthene-d10	9.786	164	332702	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	641666	20.000	ng	# 0.00
76) Chrysene-d12	13.939	240	339320	20.000	ng	0.00
86) Perylene-d12	15.410	264	308345	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	1398849	128.924	ng	0.02
7) Phenol-d6	6.404	99	1799034	130.397	ng	0.00
23) Nitrobenzene-d5	7.322	82	1149449	91.752	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	375467	113.563	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	1886785	85.561	ng	0.00
79) Terphenyl-d14	12.886	244	1774450	81.066	ng	0.00

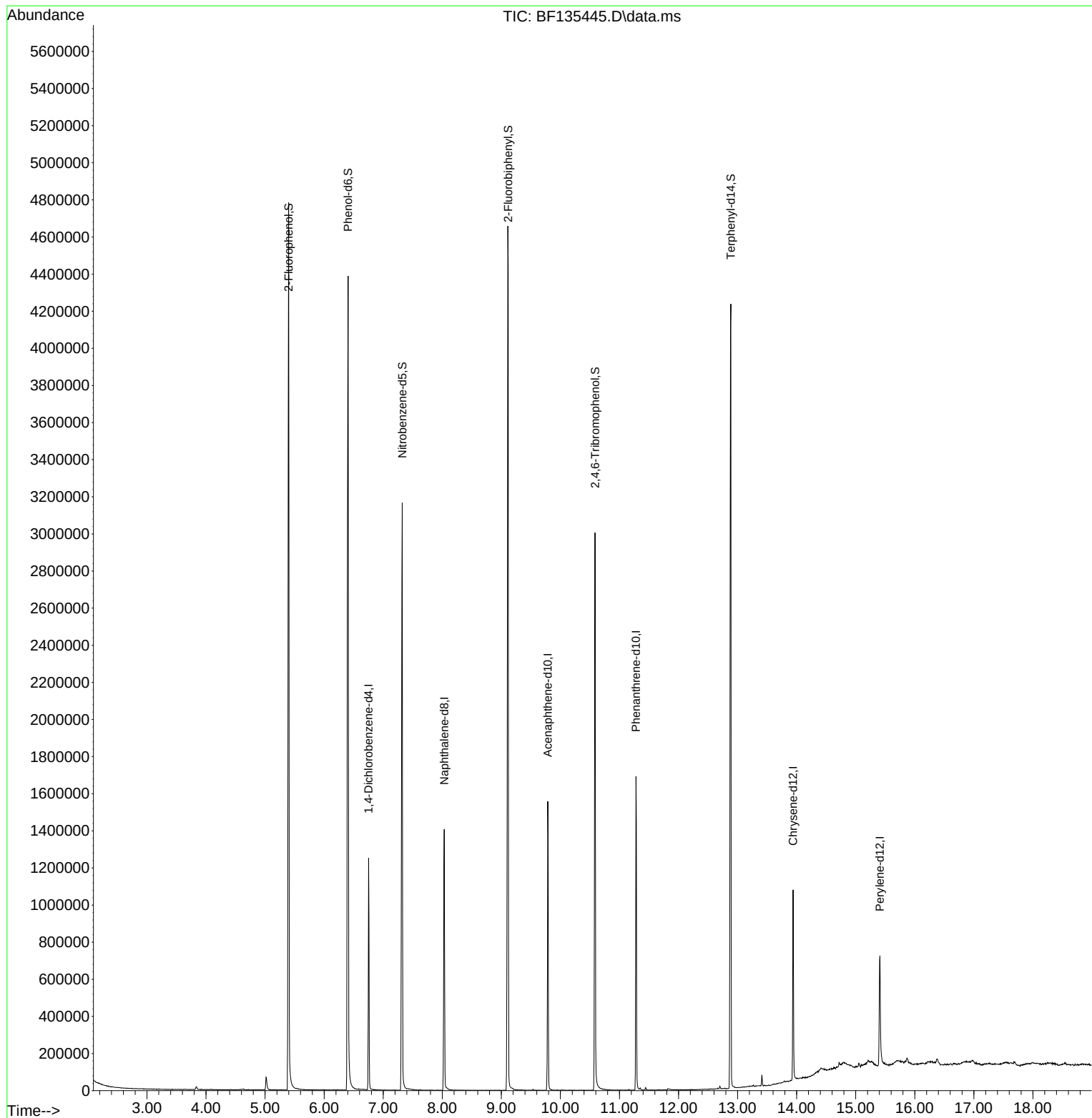
Target Compounds	Qvalue

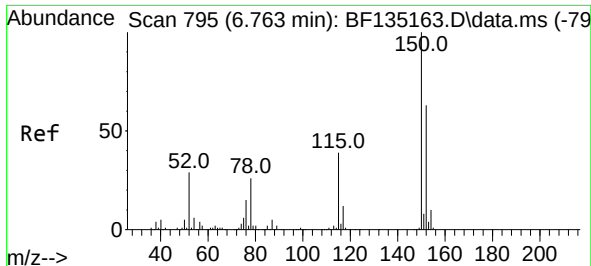
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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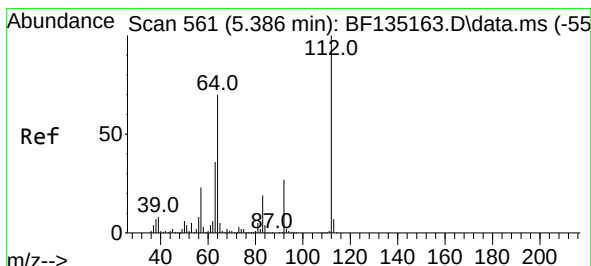
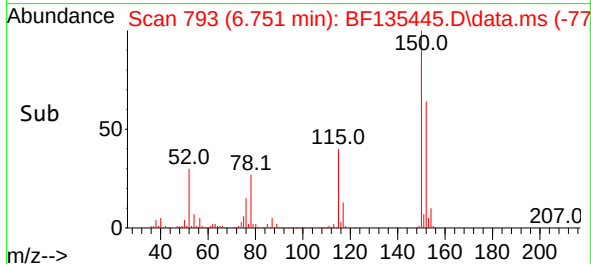
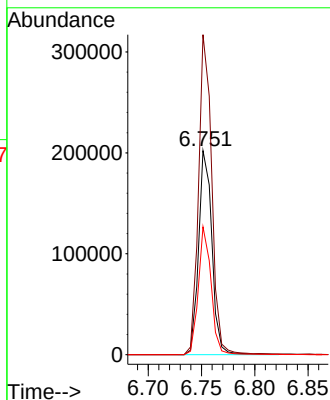
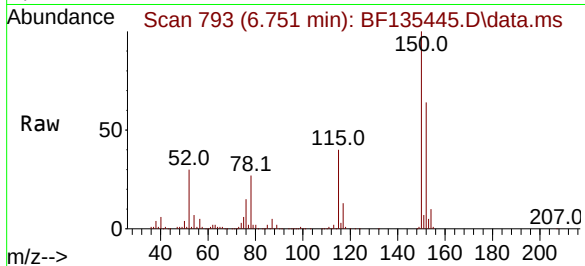




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.751 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135445.D
Acq: 26 Sep 2023 11:13

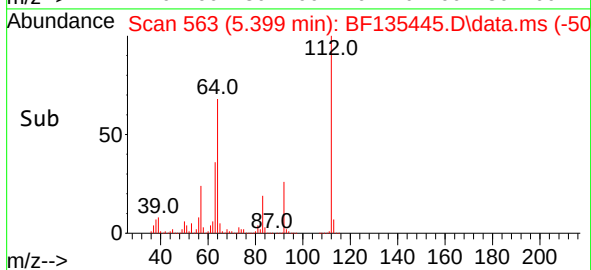
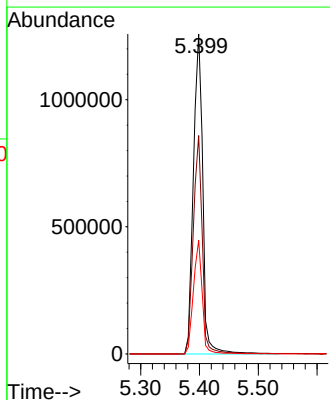
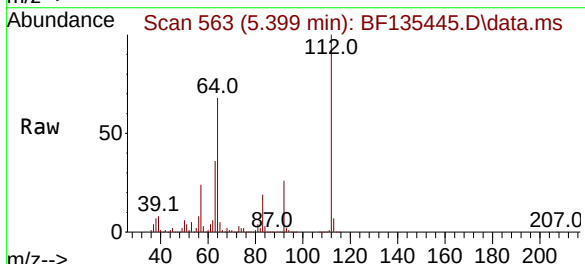
Instrument :
BNA_F
ClientSampleId :
PB155781BL

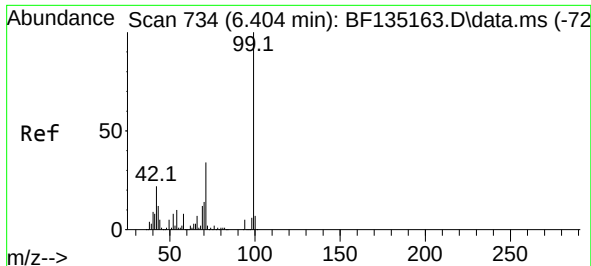
Tgt Ion:152 Resp: 176472
Ion Ratio Lower Upper
152 100
150 156.9 127.8 191.6
115 62.7 49.8 74.8



#5
2-Fluorophenol
Concen: 128.924 ng
RT: 5.399 min Scan# 563
Delta R.T. 0.018 min
Lab File: BF135445.D
Acq: 26 Sep 2023 11:13

Tgt Ion:112 Resp: 1398849
Ion Ratio Lower Upper
112 100
64 68.2 55.9 83.9
63 35.6 29.0 43.6

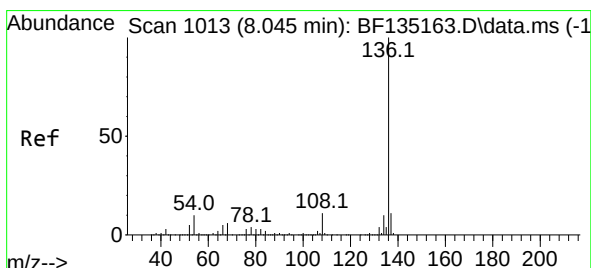
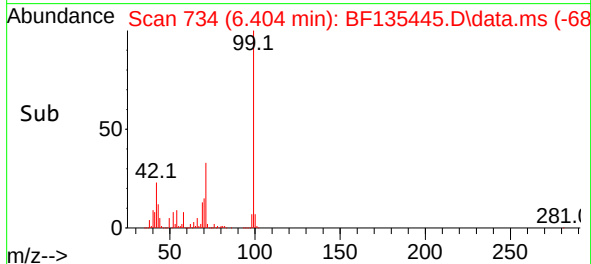
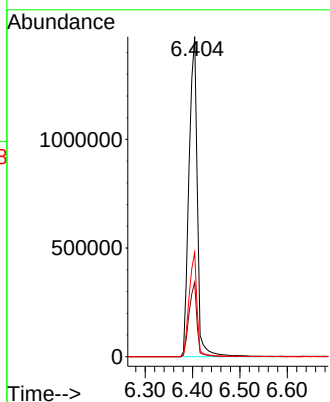
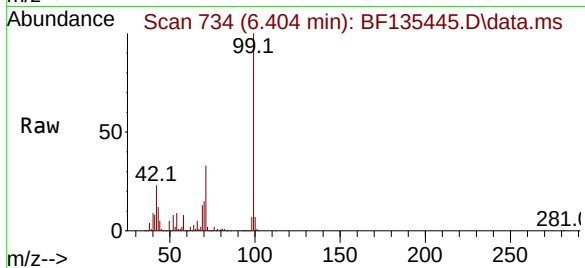




#7
Phenol-d6
Concen: 130.397 ng
RT: 6.404 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135445.D
Acq: 26 Sep 2023 11:13

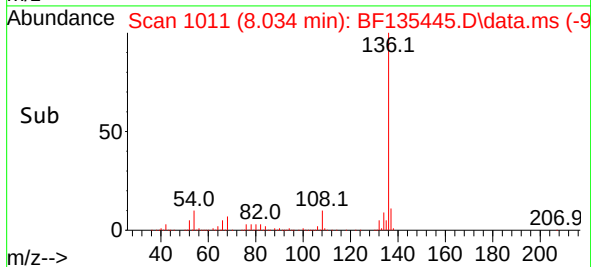
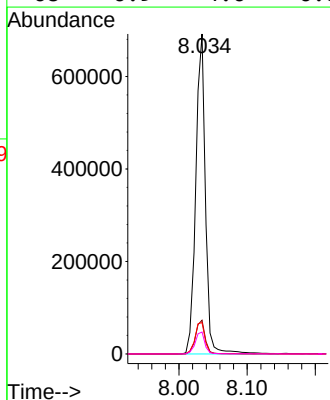
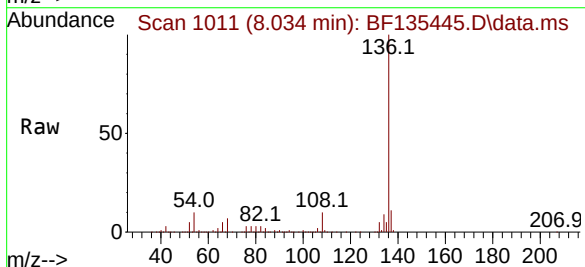
Instrument :
BNA_F
ClientSampleId :
PB155781BL

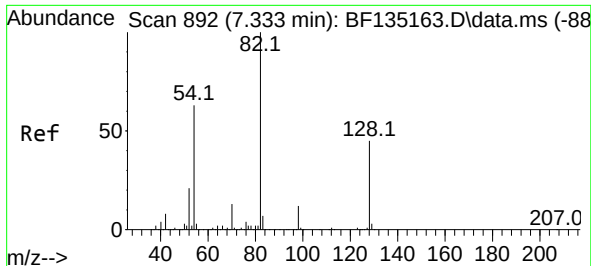
Tgt Ion: 99 Resp: 1799034
Ion Ratio Lower Upper
99 100
42 23.2 17.9 26.9
71 32.5 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1011
Delta R.T. 0.000 min
Lab File: BF135445.D
Acq: 26 Sep 2023 11:13

Tgt Ion:136 Resp: 680629
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 9.8 7.7 11.5
68 6.9 4.6 6.8#





#23

Nitrobenzene-d5

Concen: 91.752 ng

RT: 7.322 min Scan# 89

Delta R.T. 0.000 min

Lab File: BF135445.D

Acq: 26 Sep 2023 11:13

Instrument :

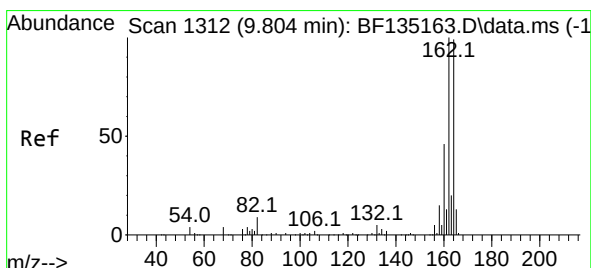
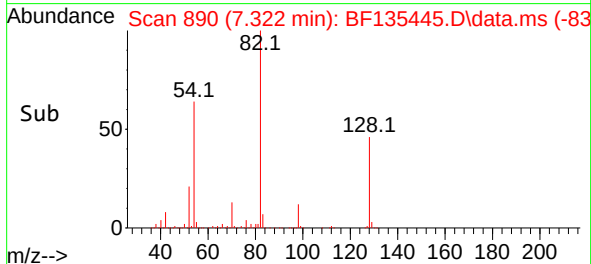
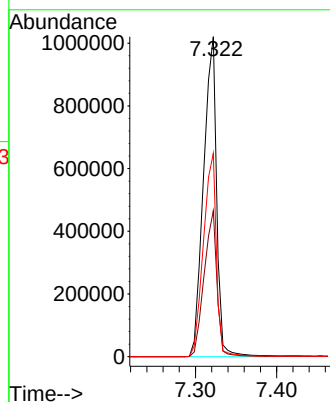
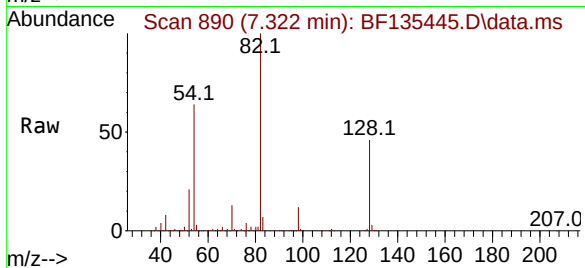
BNA_F

ClientSampleId :

PB155781BL

Tgt Ion: 82 Resp: 1149449

Ion	Ratio	Lower	Upper
82	100		
128	45.6	35.8	53.6
54	63.6	50.6	76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.786 min Scan# 1309

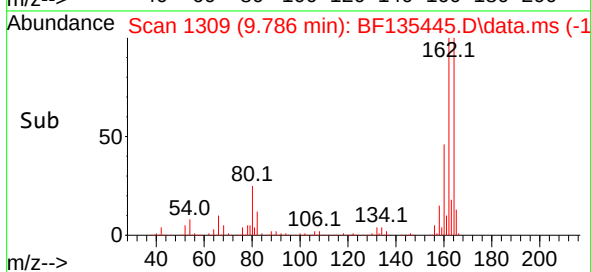
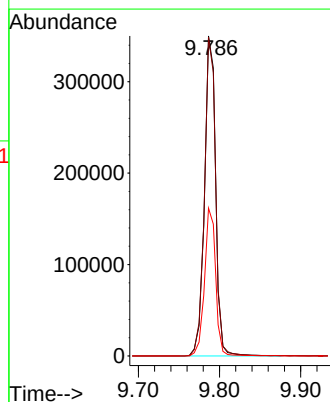
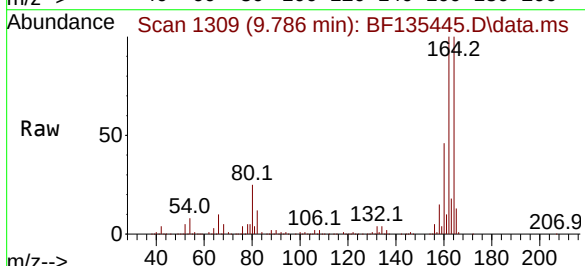
Delta R.T. -0.006 min

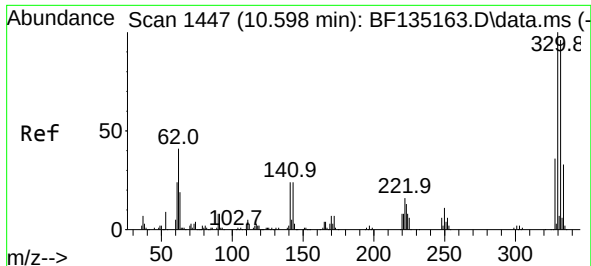
Lab File: BF135445.D

Acq: 26 Sep 2023 11:13

Tgt Ion: 164 Resp: 332702

Ion	Ratio	Lower	Upper
164	100		
162	99.6	81.0	121.4
160	46.2	37.0	55.4

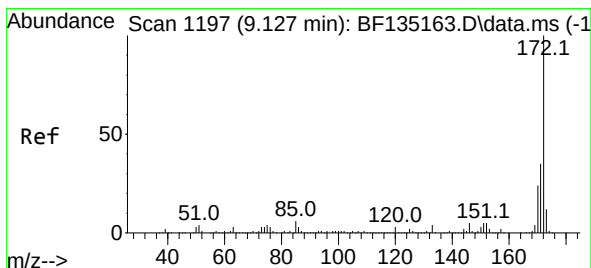
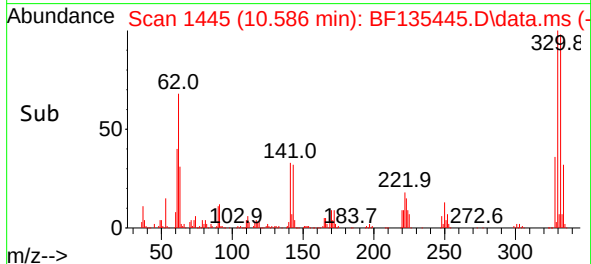
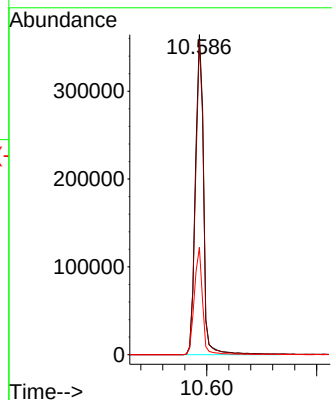
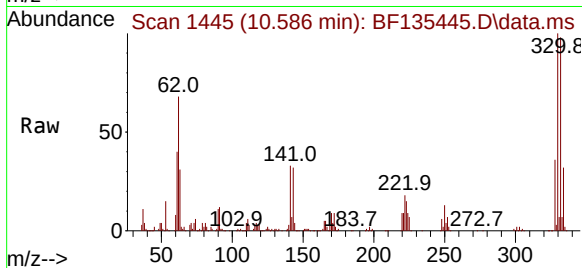




#42
2,4,6-Tribromophenol
Concen: 113.563 ng
RT: 10.586 min Scan# 1445
Delta R.T. 0.000 min
Lab File: BF135445.D
Acq: 26 Sep 2023 11:13

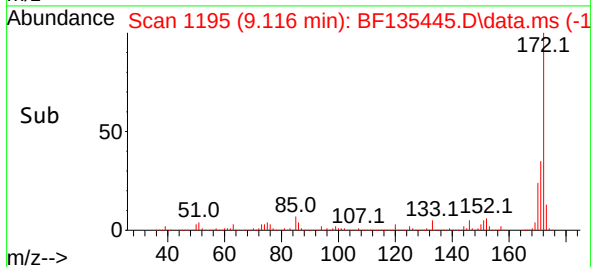
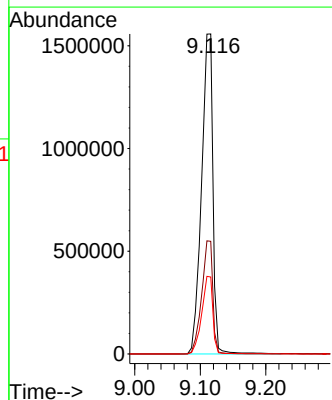
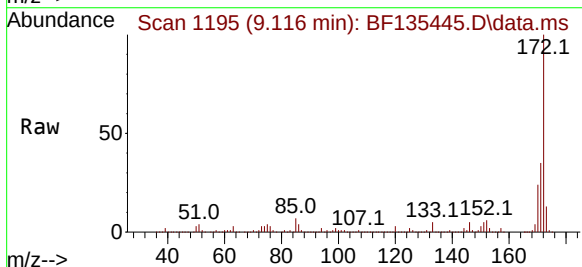
Instrument :
BNA_F
ClientSampleId :
PB155781BL

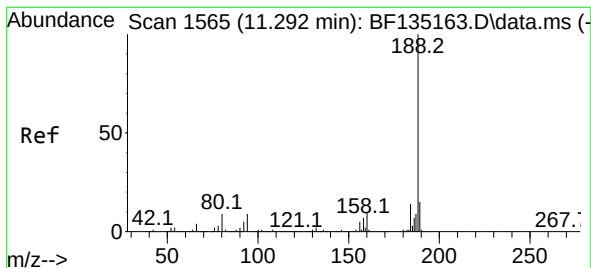
Tgt Ion:330 Resp: 375467
Ion Ratio Lower Upper
330 100
332 96.2 77.3 115.9
141 33.6 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 85.561 ng
RT: 9.116 min Scan# 1195
Delta R.T. 0.000 min
Lab File: BF135445.D
Acq: 26 Sep 2023 11:13

Tgt Ion:172 Resp: 1886785
Ion Ratio Lower Upper
172 100
171 35.2 28.4 42.6
170 24.0 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.280 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135445.D

Acq: 26 Sep 2023 11:13

Instrument :

BNA_F

ClientSampleId :

PB155781BL

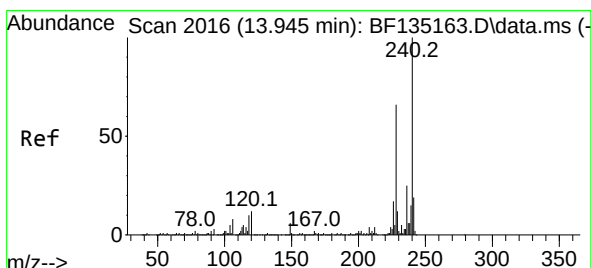
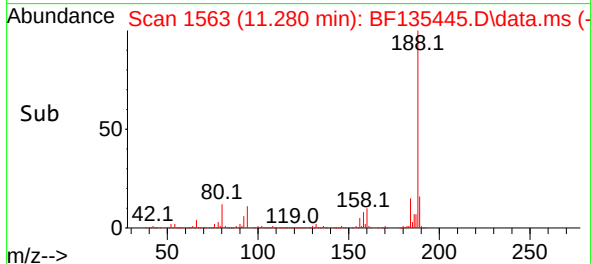
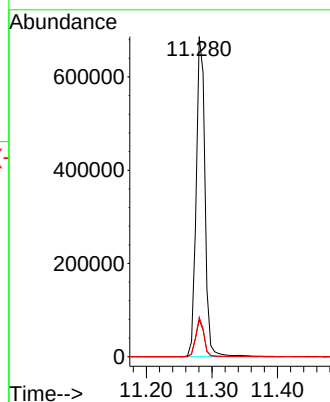
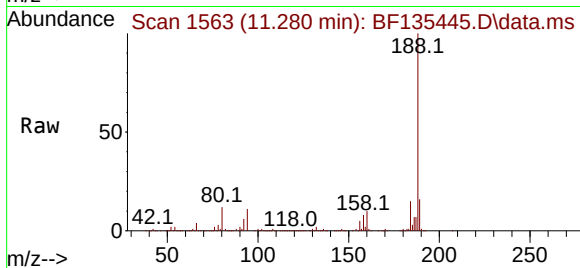
Tgt Ion:188 Resp: 641666

Ion Ratio Lower Upper

188 100

94 11.5 7.0 10.6#

80 12.3 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: BF135445.D

Acq: 26 Sep 2023 11:13

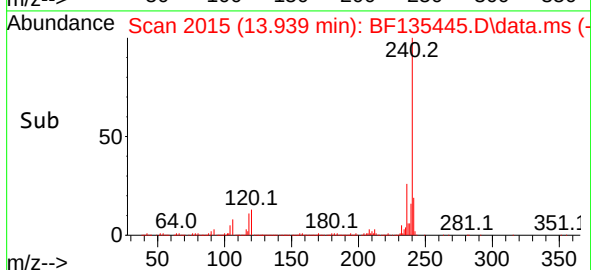
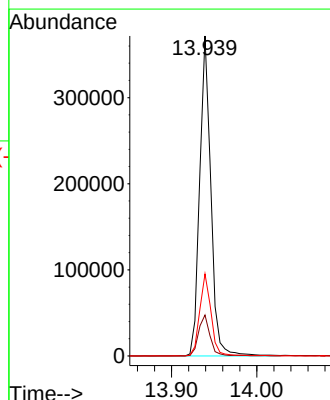
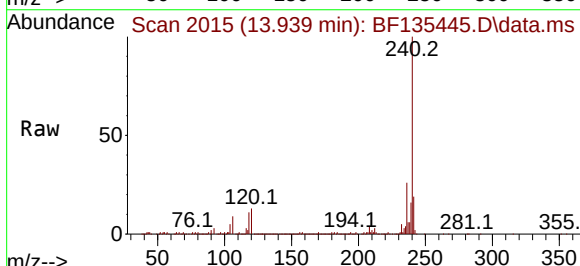
Tgt Ion:240 Resp: 339320

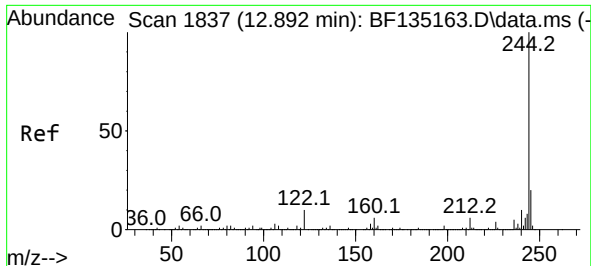
Ion Ratio Lower Upper

240 100

120 12.8 9.4 14.2

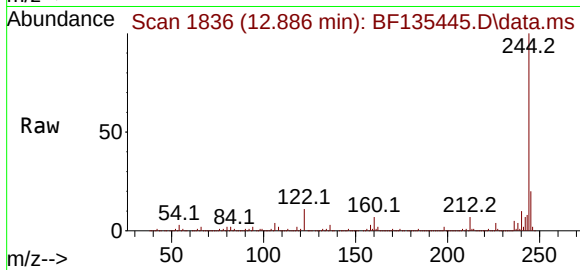
236 25.6 19.8 29.8



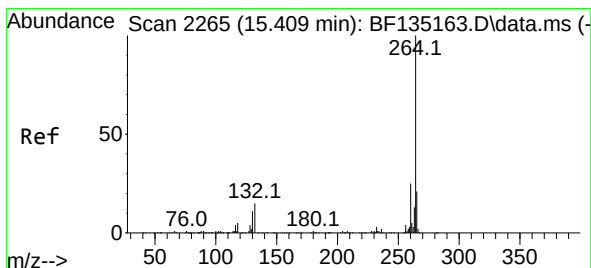
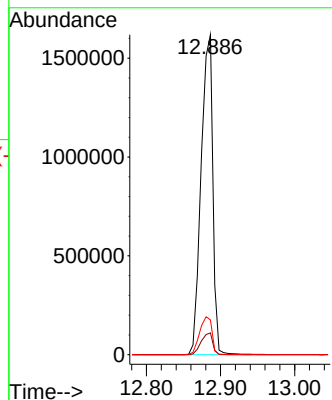
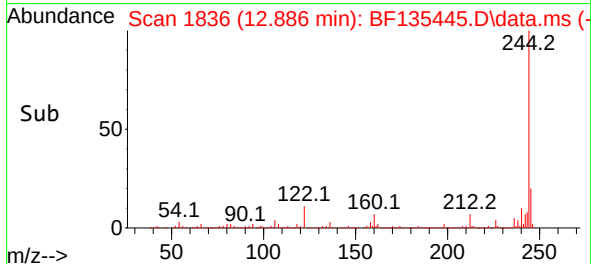


#79
 Terphenyl-d14
 Concen: 81.066 ng
 RT: 12.886 min Scan# 1836
 Delta R.T. 0.006 min
 Lab File: BF135445.D
 Acq: 26 Sep 2023 11:13

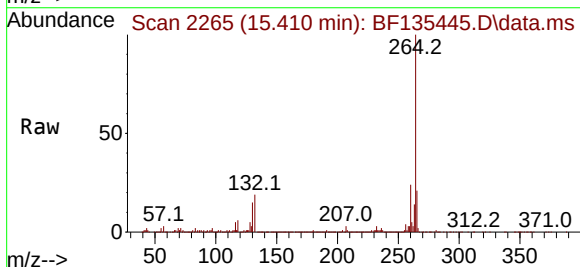
Instrument :
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 PB155781BL



Tgt Ion:244 Resp: 1774450
 Ion Ratio Lower Upper
 244 100
 212 6.8 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. 0.006 min
 Lab File: BF135445.D
 Acq: 26 Sep 2023 11:13



Tgt Ion:264 Resp: 308345
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.8 29.6
 265 20.9 17.0 25.4

