

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092923\
 Data File : BF135510.D
 Acq On : 29 Sep 2023 11:56
 Operator : CG\JU
 Sample : PB155928BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155928BL

Quant Time: Sep 30 00:17:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 30 00:12:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	181484	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	723243	20.000	ng	# 0.00
39) Acenaphthene-d10	9.781	164	343435	20.000	ng	0.00
64) Phenanthrene-d10	11.275	188	658103	20.000	ng	0.00
76) Chrysene-d12	13.927	240	425073	20.000	ng	0.00
86) Perylene-d12	15.392	264	350976	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	1233769	110.569	ng	0.01
7) Phenol-d6	6.398	99	1564347	110.255	ng	0.00
23) Nitrobenzene-d5	7.310	82	1004125	75.429	ng	-0.01
42) 2,4,6-Tribromophenol	10.575	330	341258	99.990	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	1662888	73.051	ng	0.00
79) Terphenyl-d14	12.869	244	1704107	62.147	ng	0.00

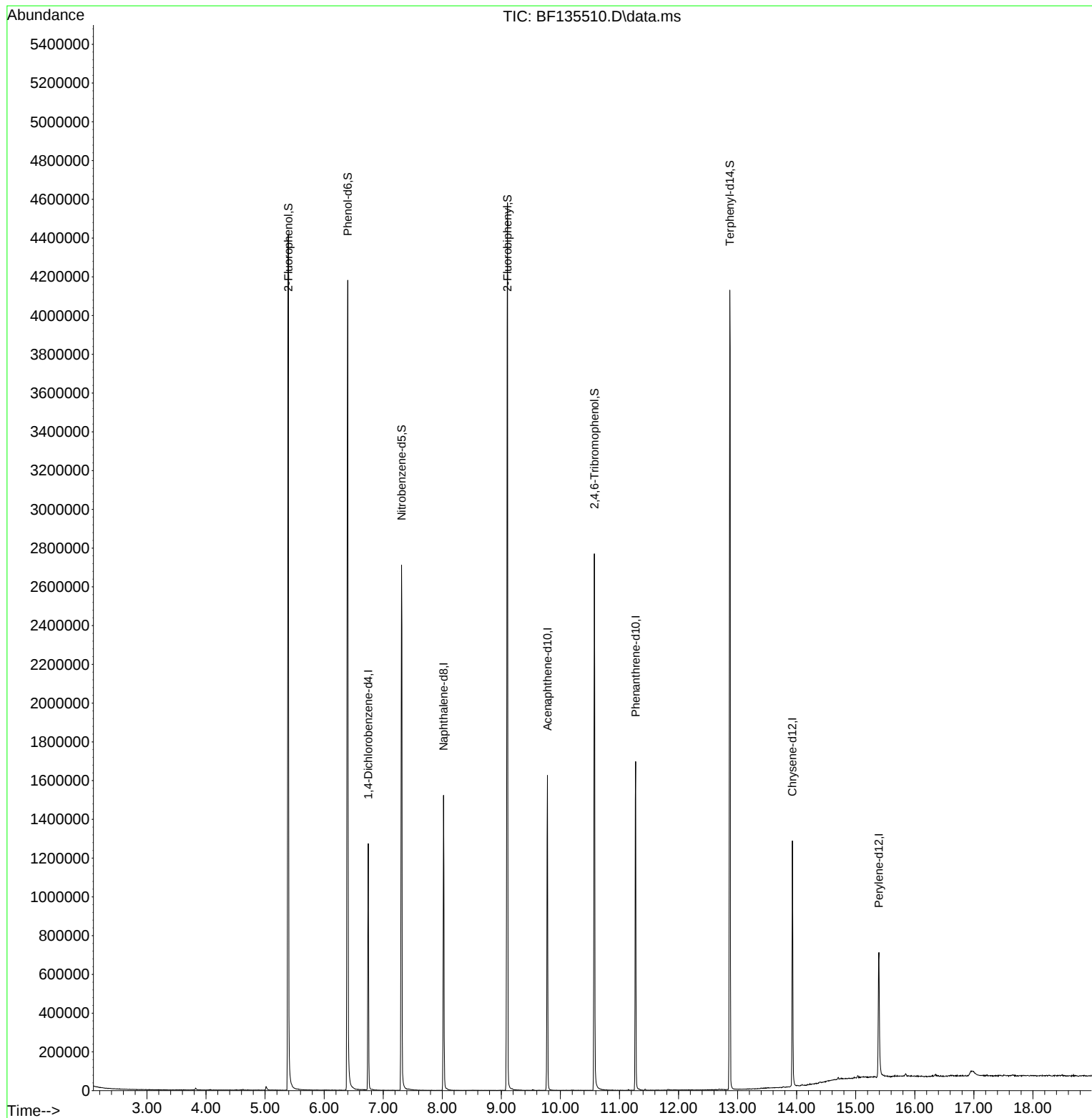
Target Compounds	Qvalue

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

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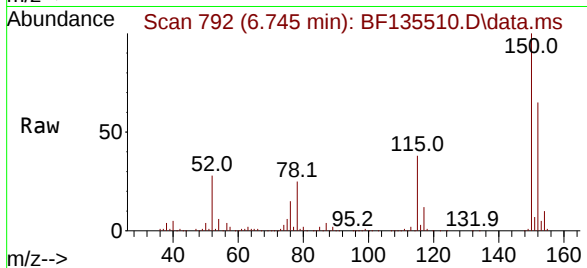
Quant Time: Sep 30 00:17:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
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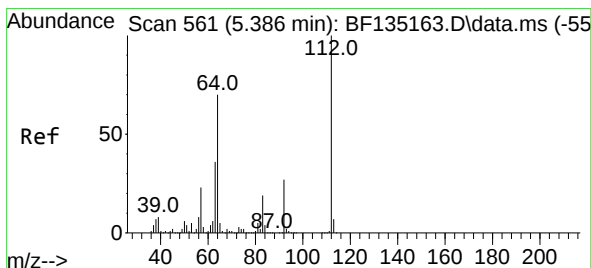
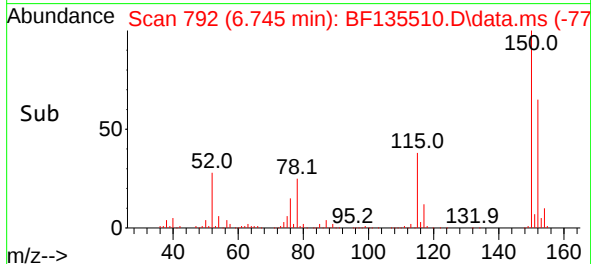
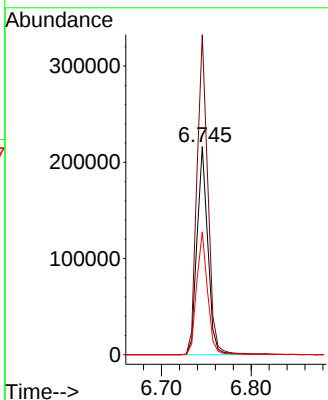


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.745 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF135510.D
Acq: 29 Sep 2023 11:56

Instrument :
BNA_F
ClientSampleId :
PB155928BL

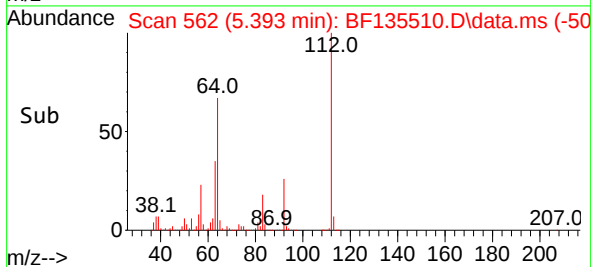
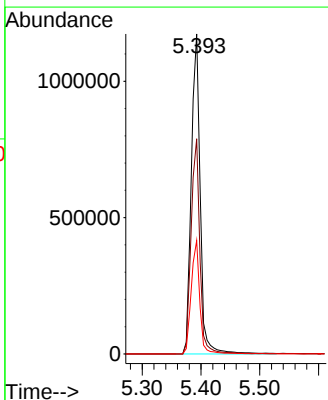
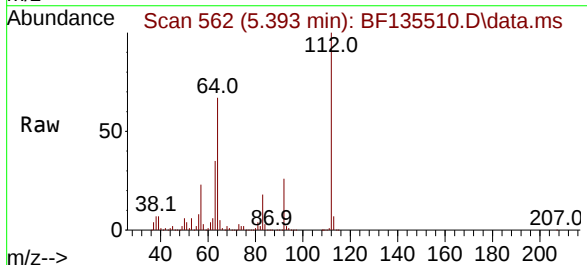


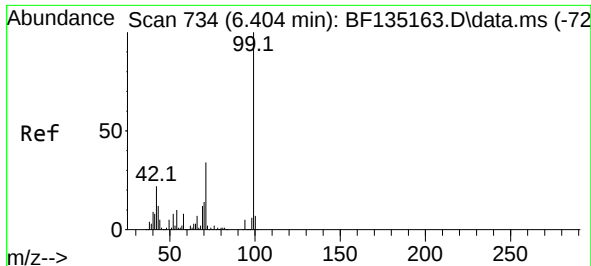
Tgt Ion:152 Resp: 181484
Ion Ratio Lower Upper
152 100
150 153.8 127.8 191.6
115 59.1 49.8 74.8



#5
2-Fluorophenol
Concen: 110.569 ng
RT: 5.393 min Scan# 562
Delta R.T. 0.012 min
Lab File: BF135510.D
Acq: 29 Sep 2023 11:56

Tgt Ion:112 Resp: 1233769
Ion Ratio Lower Upper
112 100
64 67.3 55.9 83.9
63 35.5 29.0 43.6

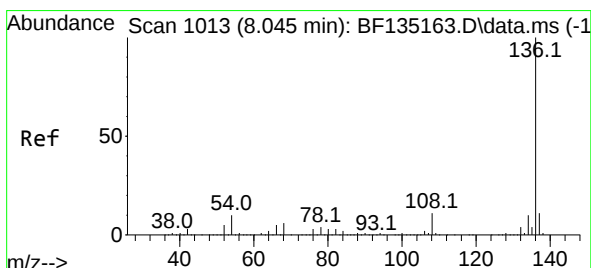
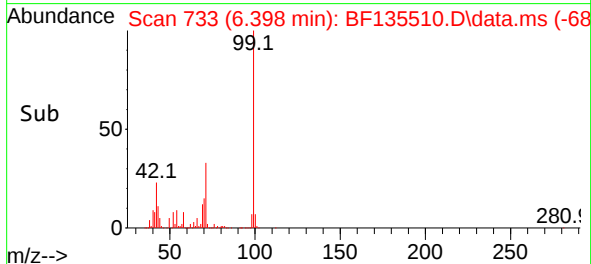
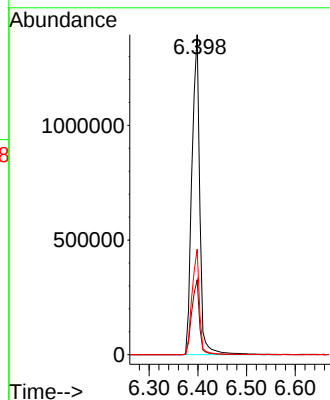
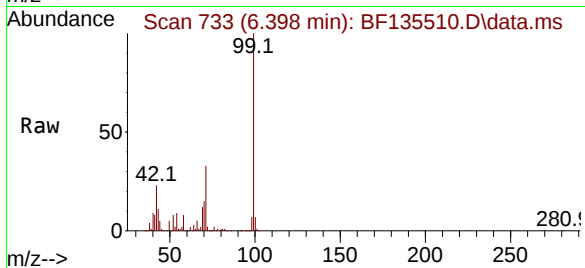




#7
Phenol-d6
Concen: 110.255 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135510.D
Acq: 29 Sep 2023 11:56

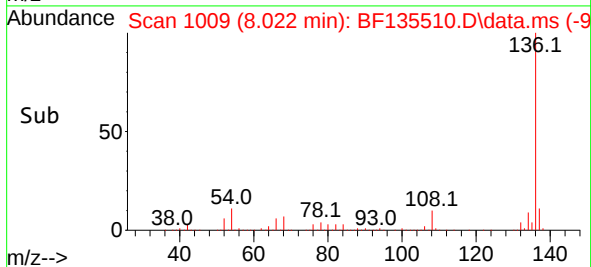
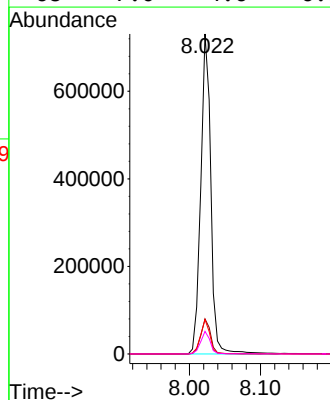
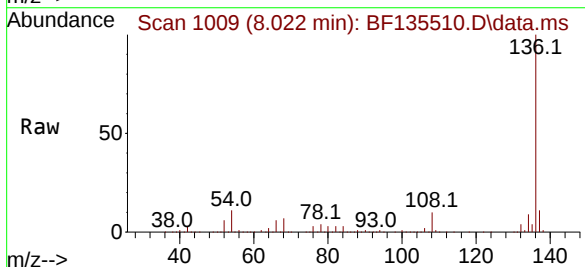
Instrument :
BNA_F
ClientSampleId :
PB155928BL

Tgt Ion: 99 Resp: 1564347
Ion Ratio Lower Upper
99 100
42 23.4 17.9 26.9
71 32.9 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF135510.D
Acq: 29 Sep 2023 11:56

Tgt Ion: 136 Resp: 723243
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 10.8 7.7 11.5
68 7.0 4.6 6.8





#23

Nitrobenzene-d5

Concen: 75.429 ng

RT: 7.310 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF135510.D

Acq: 29 Sep 2023 11:56

Instrument :

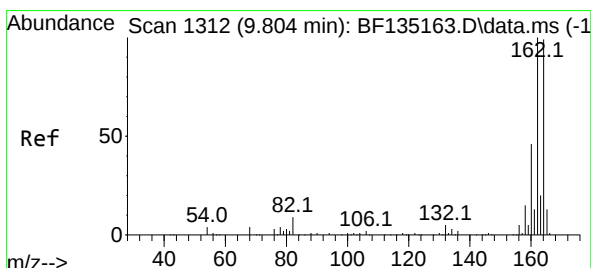
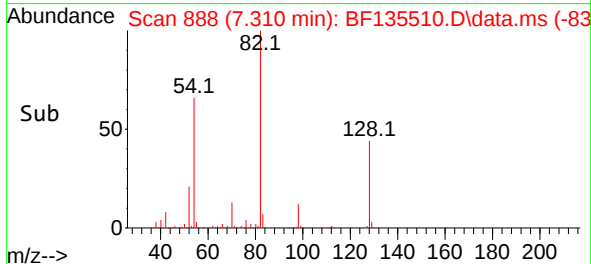
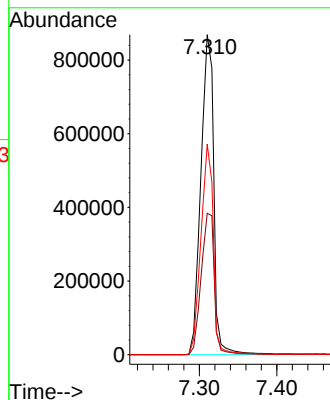
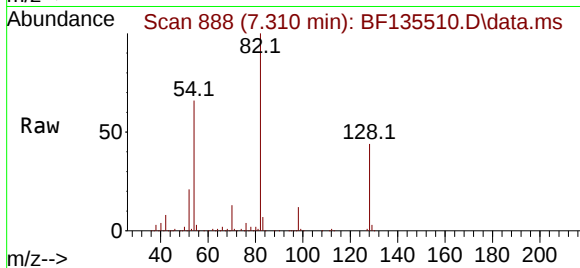
BNA_F

ClientSampleId :

PB155928BL

Tgt Ion: 82 Resp: 1004125

Ion	Ratio	Lower	Upper
82	100		
128	44.2	35.8	53.6
54	65.8	50.6	76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.781 min Scan# 1308

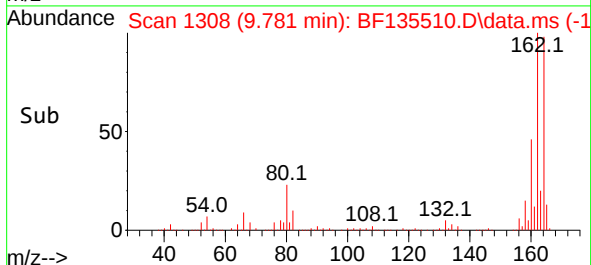
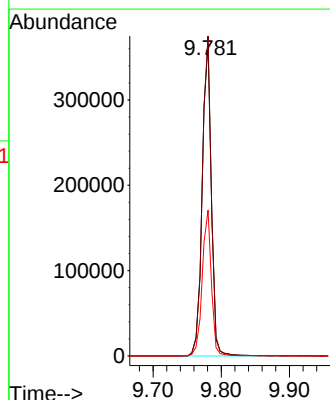
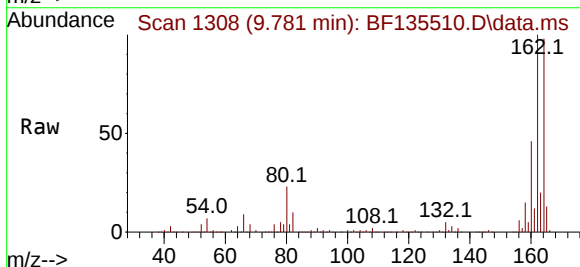
Delta R.T. -0.006 min

Lab File: BF135510.D

Acq: 29 Sep 2023 11:56

Tgt Ion: 164 Resp: 343435

Ion	Ratio	Lower	Upper
164	100		
162	102.4	81.0	121.4
160	46.6	37.0	55.4





#42

2,4,6-Tribromophenol

Concen: 99.990 ng

RT: 10.575 min Scan# 1443

Delta R.T. -0.006 min

Lab File: BF135510.D

Acq: 29 Sep 2023 11:56

Instrument :

BNA_F

ClientSampleId :

PB155928BL

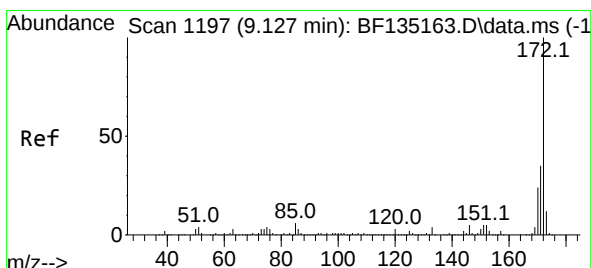
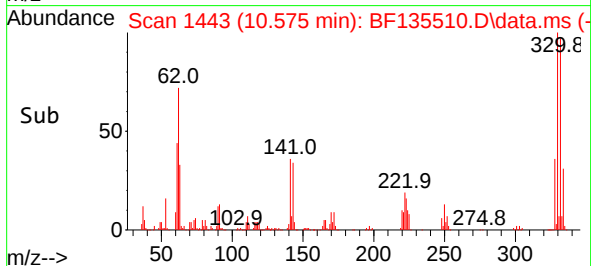
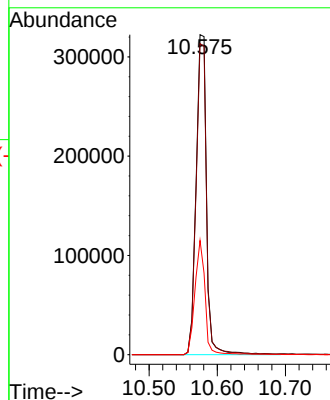
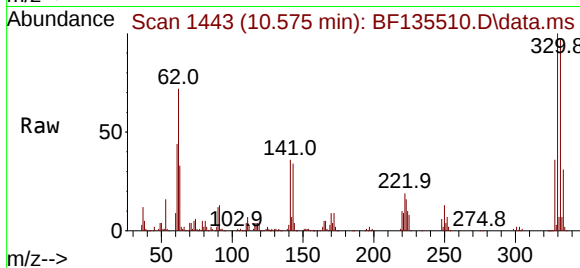
Tgt Ion:330 Resp: 341258

Ion Ratio Lower Upper

330 100

332 96.9 77.3 115.9

141 34.9 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 73.051 ng

RT: 9.104 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF135510.D

Acq: 29 Sep 2023 11:56

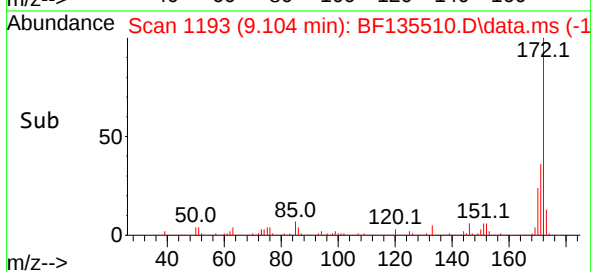
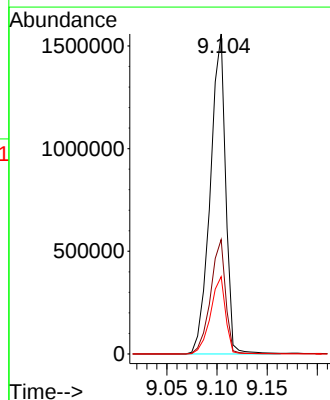
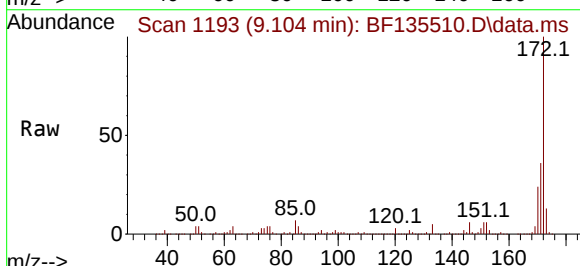
Tgt Ion:172 Resp: 1662888

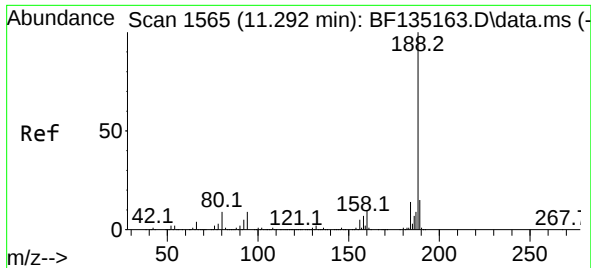
Ion Ratio Lower Upper

172 100

171 35.8 28.4 42.6

170 24.1 19.0 28.4

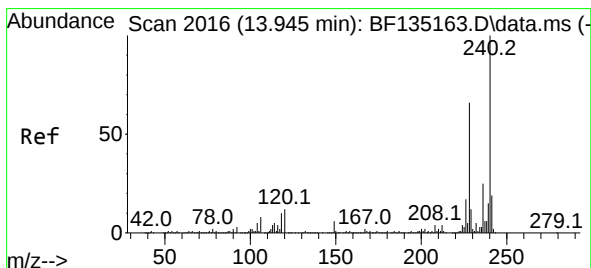
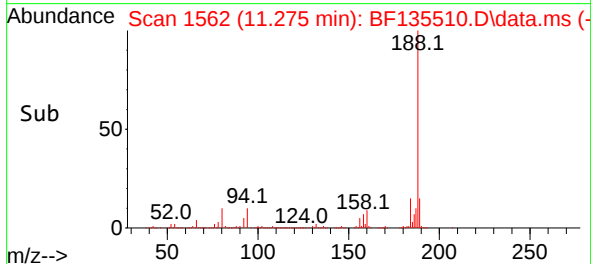
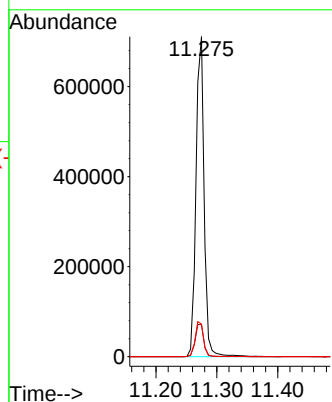
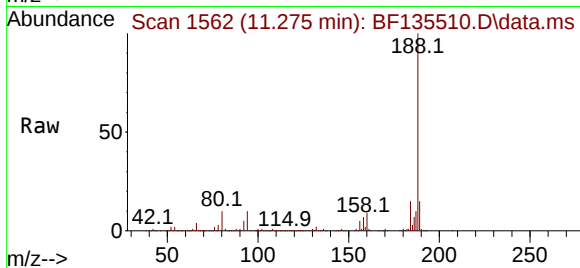




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135510.D
Acq: 29 Sep 2023 11:56

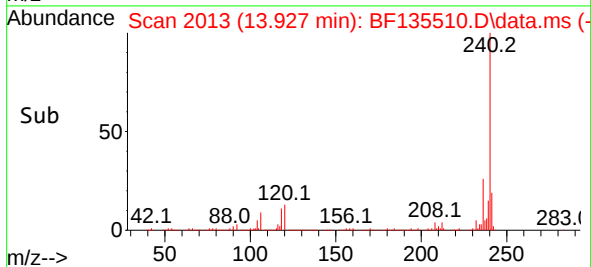
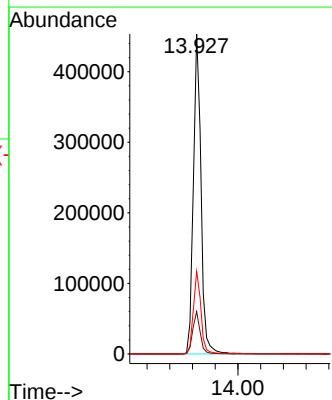
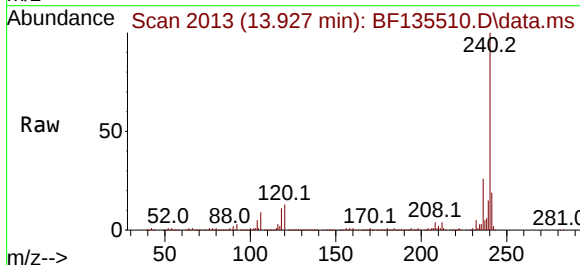
Instrument :
BNA_F
ClientSampleId :
PB155928BL

Tgt Ion:188 Resp: 658103
Ion Ratio Lower Upper
188 100
94 10.0 7.0 10.6
80 10.2 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.927 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF135510.D
Acq: 29 Sep 2023 11:56

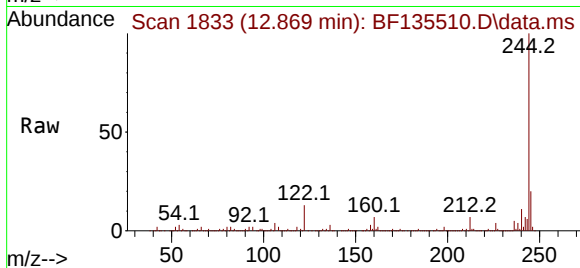
Tgt Ion:240 Resp: 425073
Ion Ratio Lower Upper
240 100
120 13.3 9.4 14.2
236 25.8 19.8 29.8



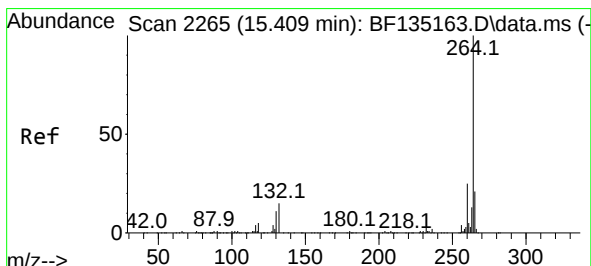
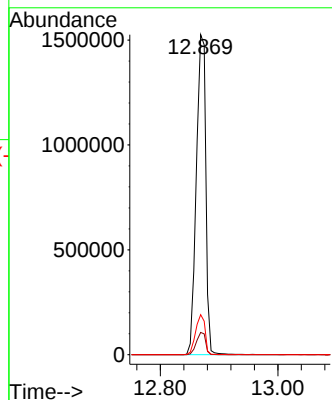
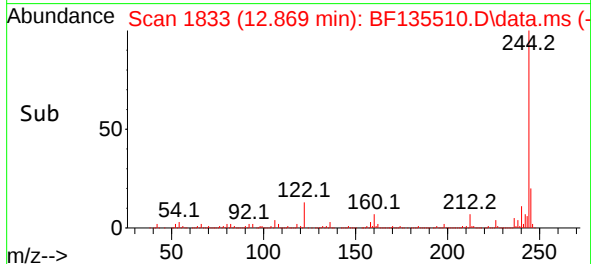


#79
 Terphenyl-d14
 Concen: 62.147 ng
 RT: 12.869 min Scan# 1833
 Delta R.T. -0.006 min
 Lab File: BF135510.D
 Acq: 29 Sep 2023 11:56

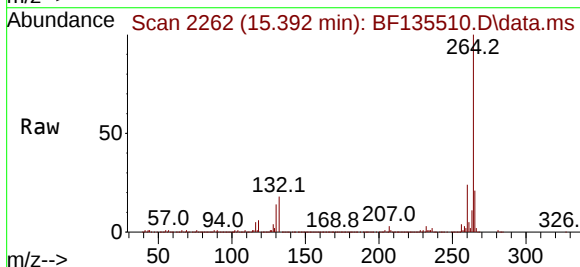
Instrument :
 BNA_F
 ClientSampleId :
 PB155928BL



Tgt Ion:244 Resp: 1704107
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.1 7.7
 122 12.5 7.9 11.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.392 min Scan# 2262
 Delta R.T. 0.000 min
 Lab File: BF135510.D
 Acq: 29 Sep 2023 11:56



Tgt Ion:264 Resp: 350976
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.8 29.6
 265 20.7 17.0 25.4

