

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092923\
 Data File : BF135512.D
 Acq On : 29 Sep 2023 12:58
 Operator : CG\JU
 Sample : PB155882TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155882TB

Quant Time: Sep 30 00:18:40 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	158141	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	608388	20.000	ng	# 0.00
39) Acenaphthene-d10	9.781	164	303974	20.000	ng	0.00
64) Phenanthrene-d10	11.275	188	590275	20.000	ng	0.00
76) Chrysene-d12	13.927	240	363253	20.000	ng	0.00
86) Perylene-d12	15.392	264	302717	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	1182850	121.654	ng	0.01
7) Phenol-d6	6.398	99	1484096	120.039	ng	0.00
23) Nitrobenzene-d5	7.310	82	947486	84.611	ng	-0.01
42) 2,4,6-Tribromophenol	10.575	330	321972	106.586	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	1573932	78.119	ng	0.00
79) Terphenyl-d14	12.869	244	1593156	67.988	ng	0.00

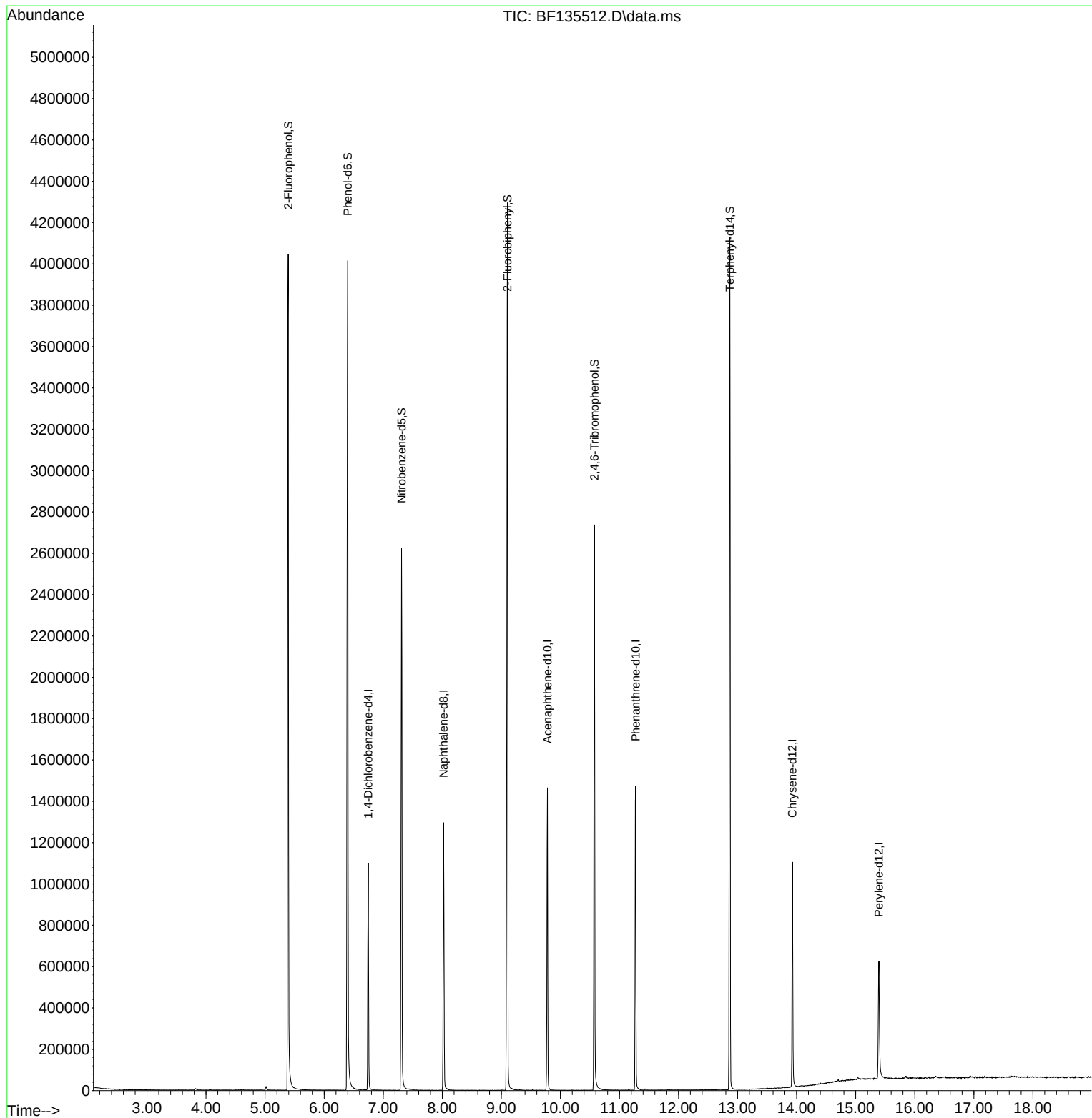
Target Compounds	Qvalue

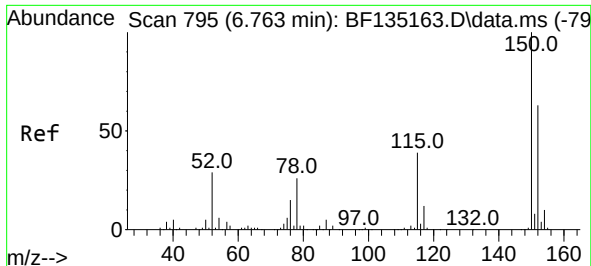
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092923\
Data File : BF135512.D
Acq On : 29 Sep 2023 12:58
Operator : CG\JU
Sample : PB155882TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB155882TB

Quant Time: Sep 30 00:18:40 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

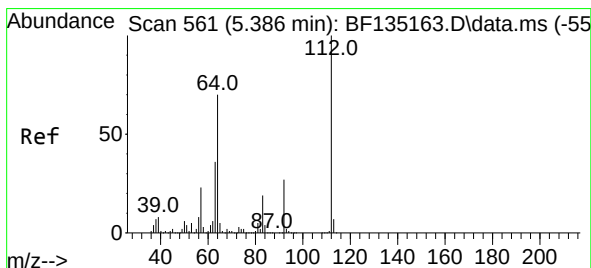
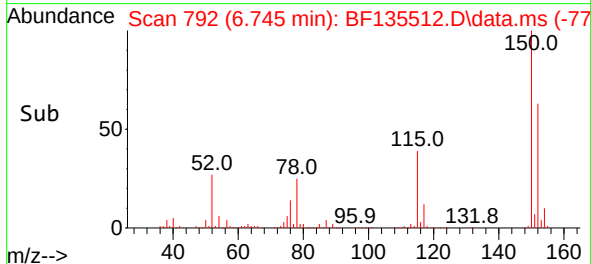
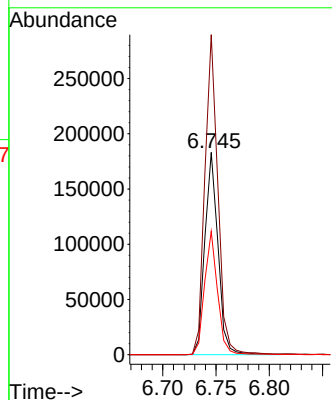
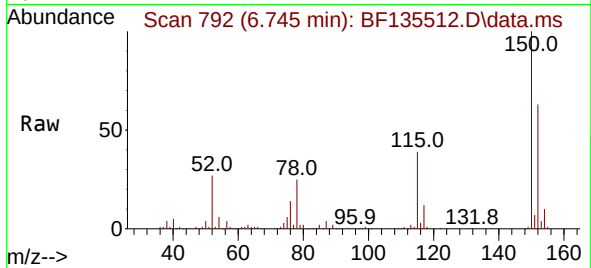




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.745 min Scan# 795
 Delta R.T. -0.006 min
 Lab File: BF135512.D
 Acq: 29 Sep 2023 12:58

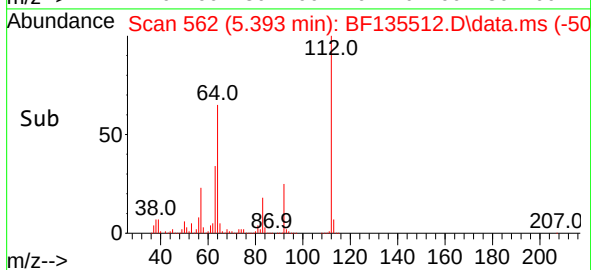
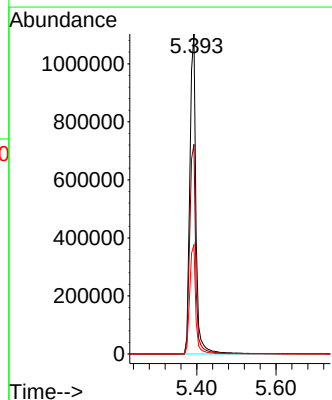
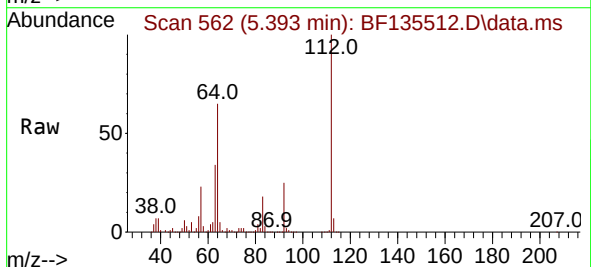
Instrument :
 BNA_F
 ClientSampleId :
 PB155882TB

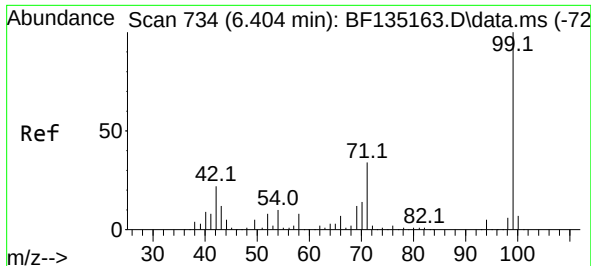
Tgt Ion:152 Resp: 158141
 Ion Ratio Lower Upper
 152 100
 150 158.2 127.8 191.6
 115 61.0 49.8 74.8



#5
 2-Fluorophenol
 Concen: 121.654 ng
 RT: 5.393 min Scan# 562
 Delta R.T. 0.012 min
 Lab File: BF135512.D
 Acq: 29 Sep 2023 12:58

Tgt Ion:112 Resp: 1182850
 Ion Ratio Lower Upper
 112 100
 64 65.5 55.9 83.9
 63 34.1 29.0 43.6





#7

Phenol-d6

Concen: 120.039 ng

RT: 6.398 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF135512.D

Acq: 29 Sep 2023 12:58

Instrument :

BNA_F

ClientSampleId :

PB155882TB

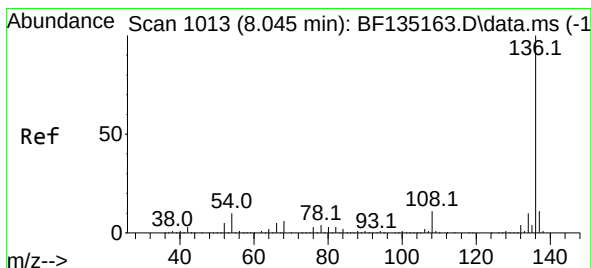
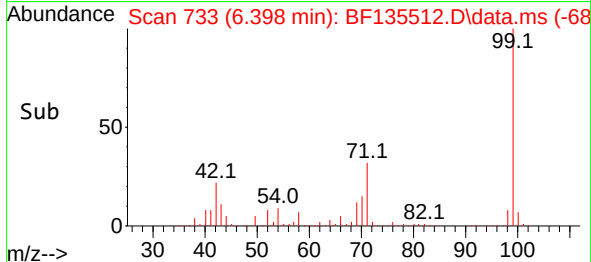
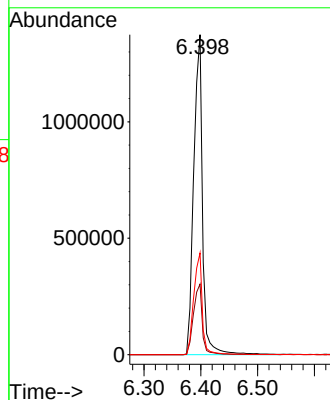
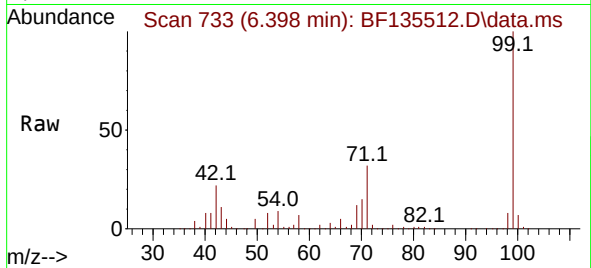
Tgt Ion: 99 Resp: 1484096

Ion Ratio Lower Upper

99 100

42 22.1 17.9 26.9

71 31.8 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: BF135512.D

Acq: 29 Sep 2023 12:58

Tgt Ion: 136 Resp: 608388

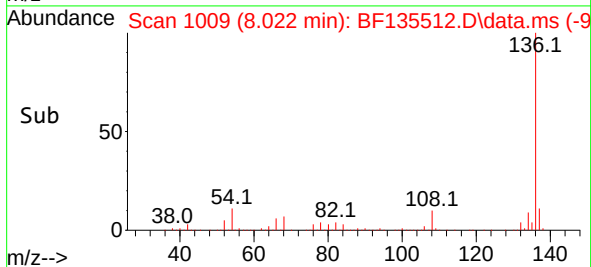
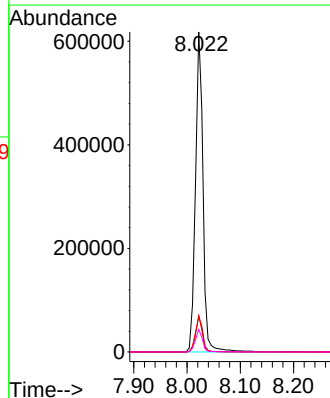
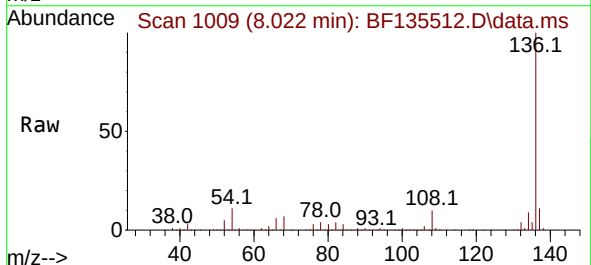
Ion Ratio Lower Upper

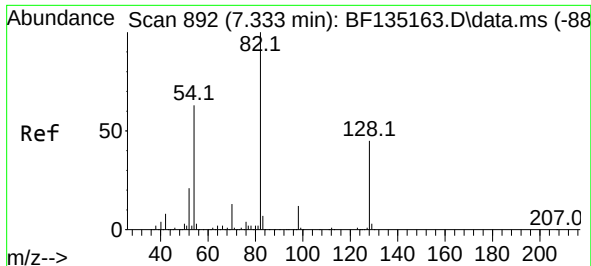
136 100

137 11.2 8.8 13.2

54 11.3 7.7 11.5

68 7.0 4.6 6.8





#23

Nitrobenzene-d5

Concen: 84.611 ng

RT: 7.310 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF135512.D

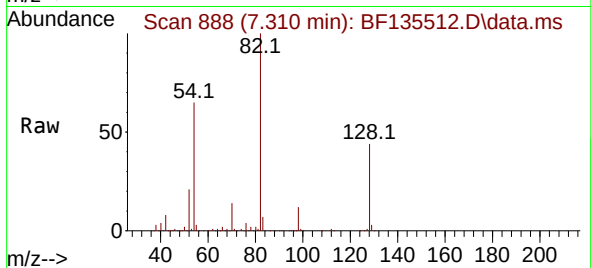
Acq: 29 Sep 2023 12:58

Instrument :

BNA_F

ClientSampleId :

PB155882TB



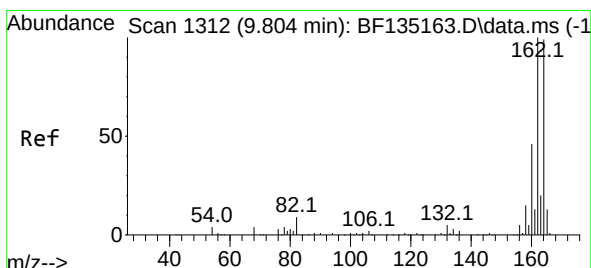
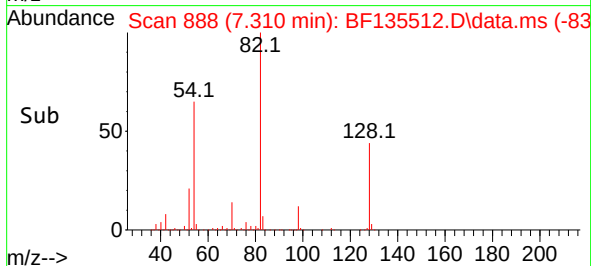
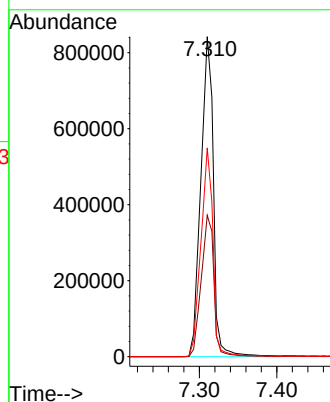
Tgt Ion: 82 Resp: 947486

Ion Ratio Lower Upper

82 100

128 44.2 35.8 53.6

54 65.3 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: BF135512.D

Acq: 29 Sep 2023 12:58

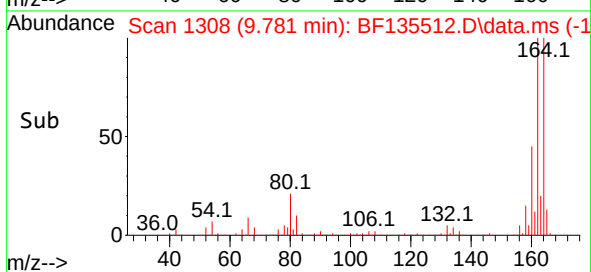
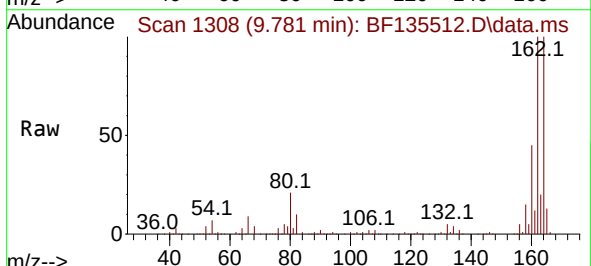
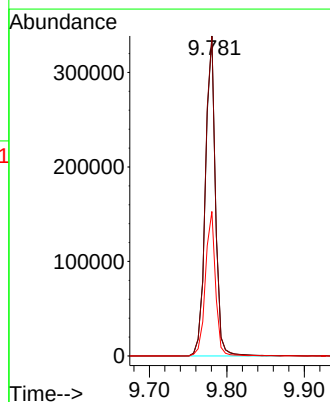
Tgt Ion: 164 Resp: 303974

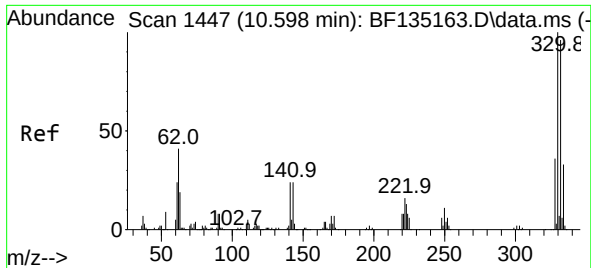
Ion Ratio Lower Upper

164 100

162 99.8 81.0 121.4

160 45.2 37.0 55.4

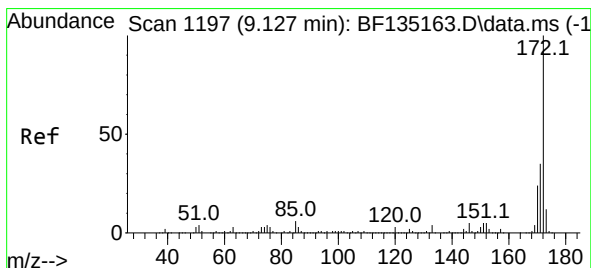
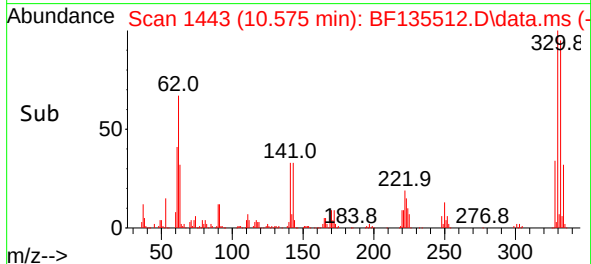
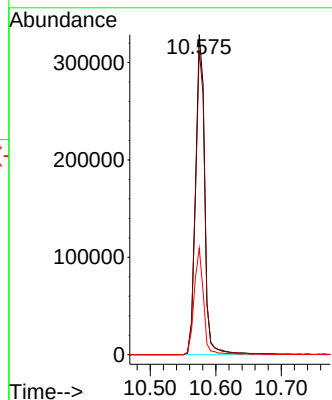
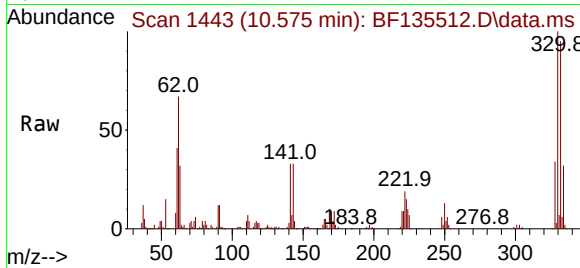




#42
2,4,6-Tribromophenol
Concen: 106.586 ng
RT: 10.575 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF135512.D
Acq: 29 Sep 2023 12:58

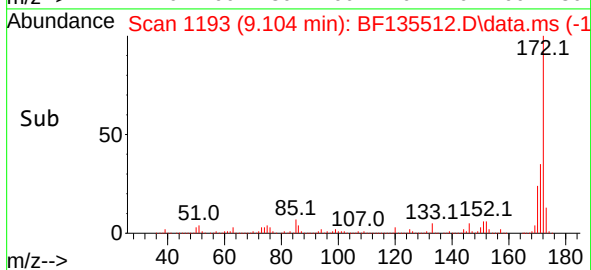
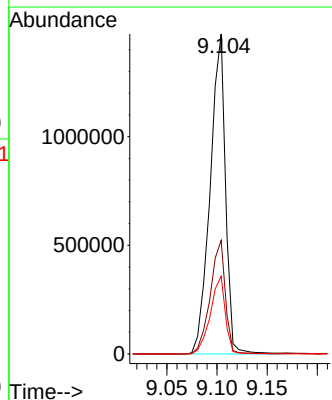
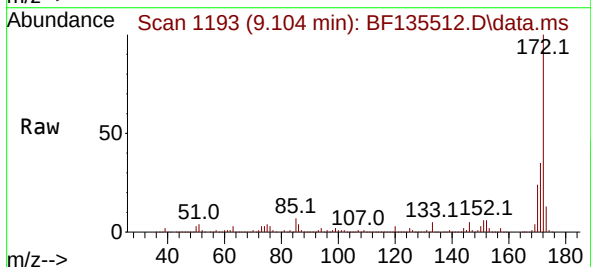
Instrument :
BNA_F
ClientSampleId :
PB155882TB

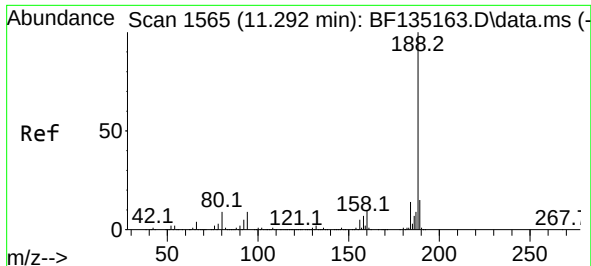
Tgt Ion:330 Resp: 321972
Ion Ratio Lower Upper
330 100
332 96.4 77.3 115.9
141 33.8 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 78.119 ng
RT: 9.104 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF135512.D
Acq: 29 Sep 2023 12:58

Tgt Ion:172 Resp: 1573932
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 24.3 19.0 28.4

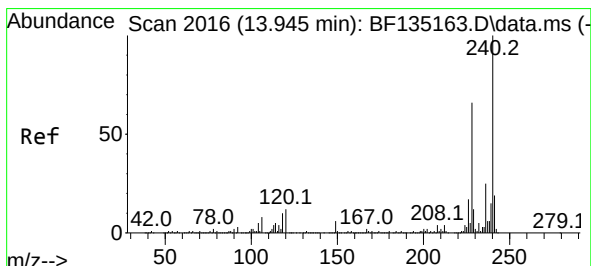
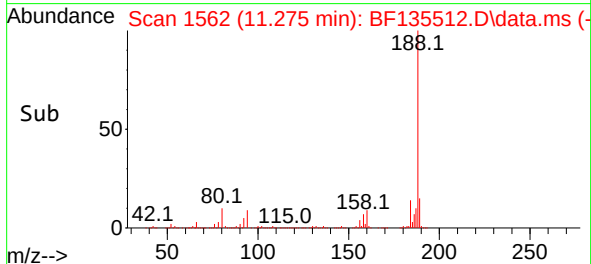
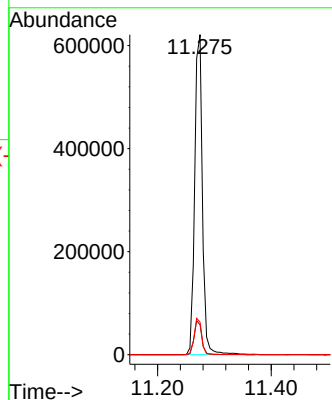
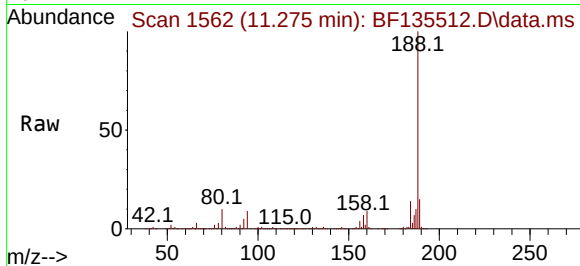




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135512.D
Acq: 29 Sep 2023 12:58

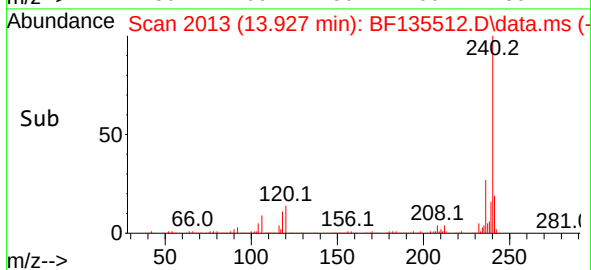
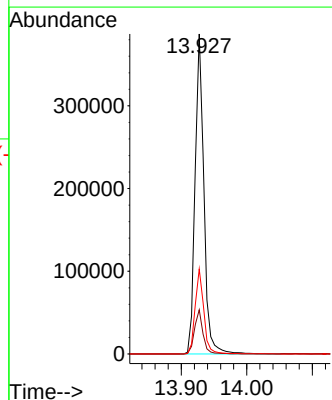
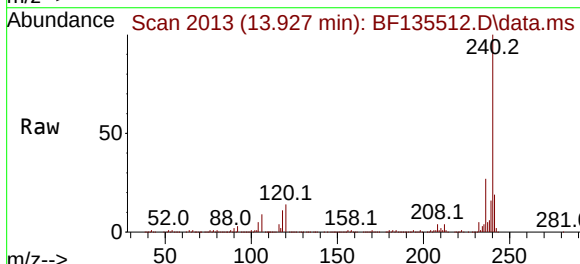
Instrument :
BNA_F
ClientSampleId :
PB155882TB

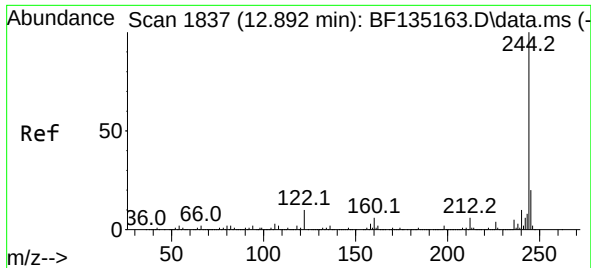
Tgt Ion:188 Resp: 590275
Ion Ratio Lower Upper
188 100
94 9.3 7.0 10.6
80 10.2 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.927 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF135512.D
Acq: 29 Sep 2023 12:58

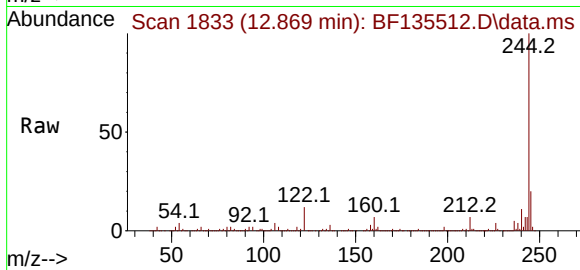
Tgt Ion:240 Resp: 363253
Ion Ratio Lower Upper
240 100
120 13.8 9.4 14.2
236 26.6 19.8 29.8



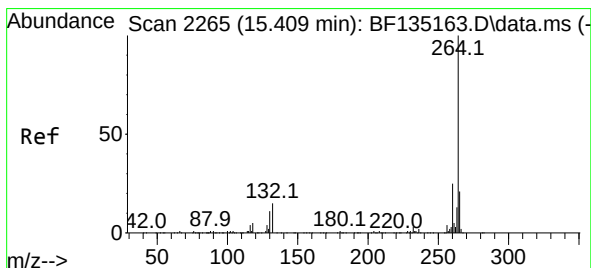
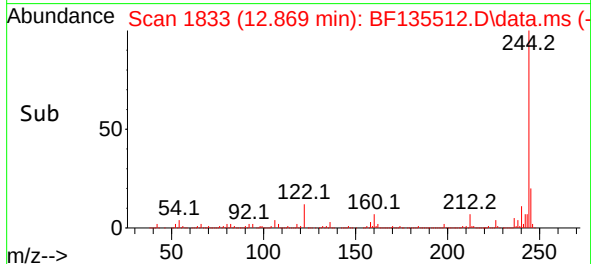
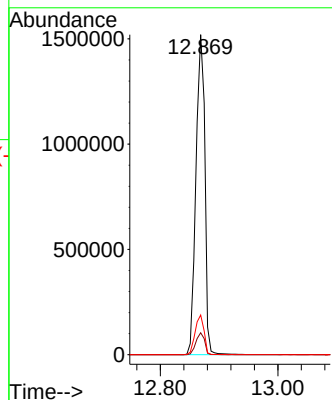


#79
 Terphenyl-d14
 Concen: 67.988 ng
 RT: 12.869 min Scan# 1833
 Delta R.T. -0.006 min
 Lab File: BF135512.D
 Acq: 29 Sep 2023 12:58

Instrument :
 BNA_F
 ClientSampleId :
 PB155882TB



Tgt Ion:244 Resp: 1593156
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.1 7.7
 122 12.4 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: BF135512.D
 Acq: 29 Sep 2023 12:58

Tgt Ion:264 Resp: 302717
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.8 29.6
 265 21.2 17.0 25.4

