

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100423\
 Data File : BF135583.D
 Acq On : 04 Oct 2023 22:19
 Operator : CG\JU
 Sample : 04687-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-1-092923

Quant Time: Oct 04 23:29:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 04 17:06:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	145138	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	556658	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	286047	20.000	ng	0.00
64) Phenanthrene-d10	11.263	188	557334	20.000	ng	# 0.00
76) Chrysene-d12	13.921	240	283375	20.000	ng	0.00
86) Perylene-d12	15.386	264	268422	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	1062494	119.065	ng	0.01
7) Phenol-d6	6.387	99	1262450	111.259	ng	0.00
23) Nitrobenzene-d5	7.304	82	883443	86.223	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	359937	126.622	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1500738	79.155	ng	0.00
79) Terphenyl-d14	12.863	244	1699832	92.989	ng	0.00

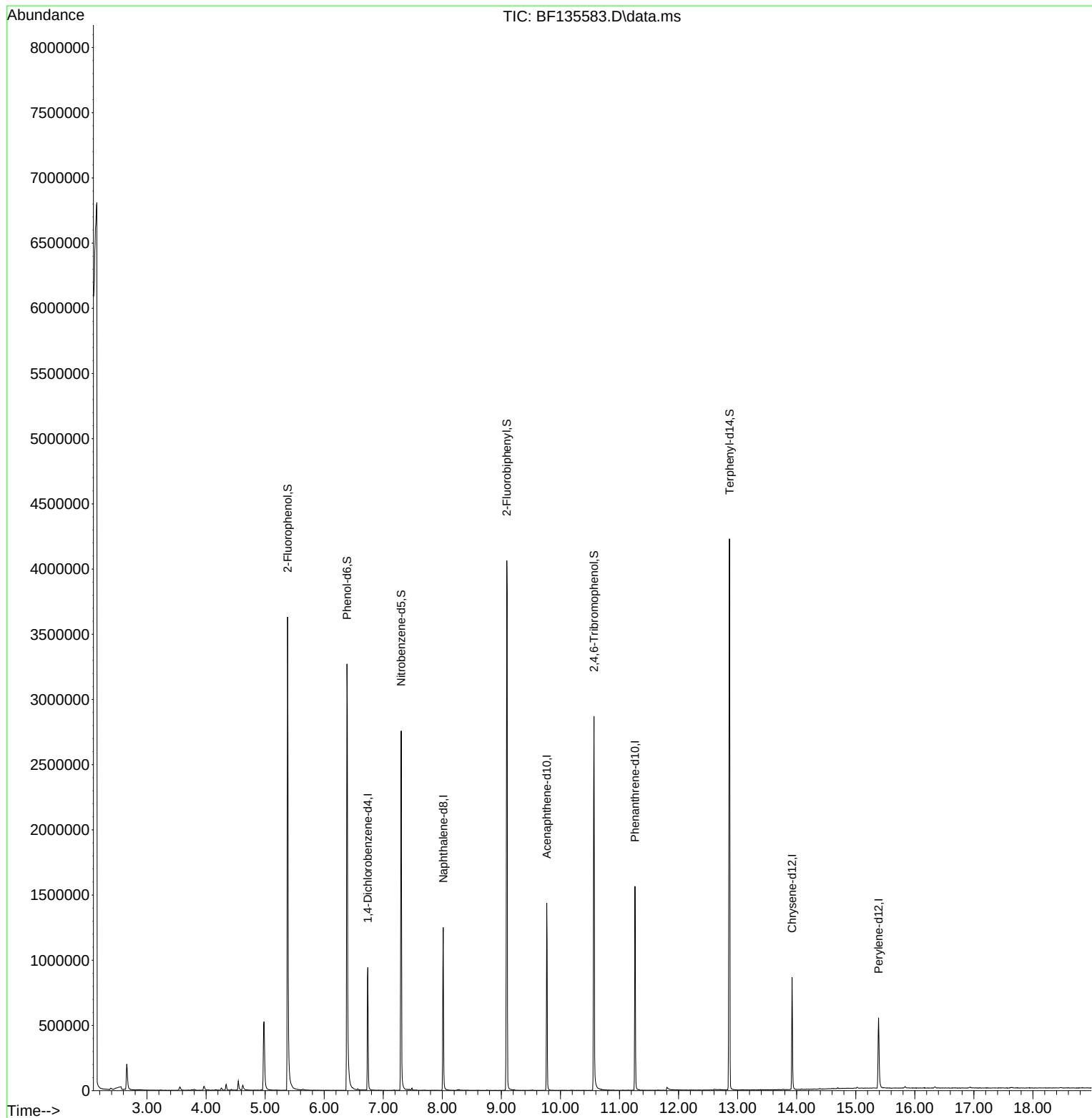
Target Compounds	Qvalue

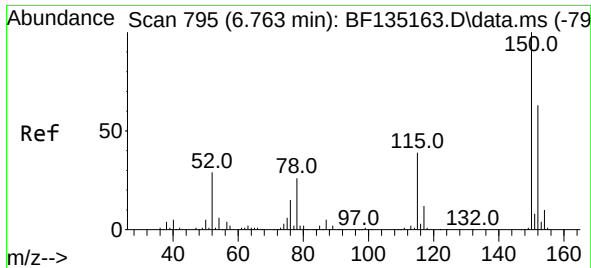
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100423\
Data File : BF135583.D
Acq On : 04 Oct 2023 22:19
Operator : CG\JU
Sample : 04687-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-1-092923

Quant Time: Oct 04 23:29:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 04 17:06:20 2023
Response via : Initial Calibration

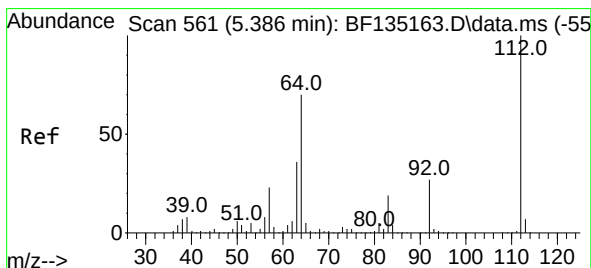
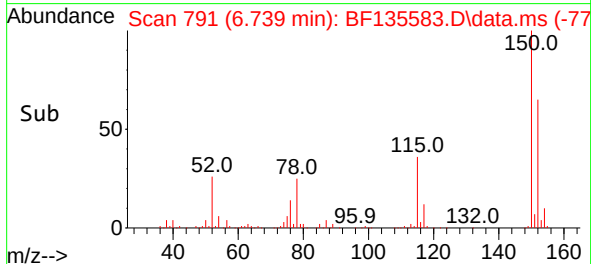
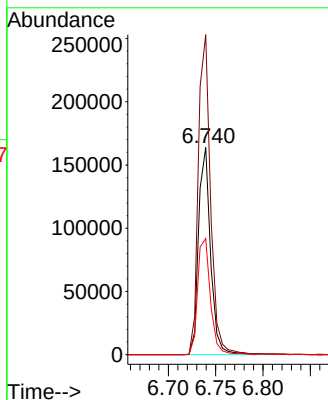
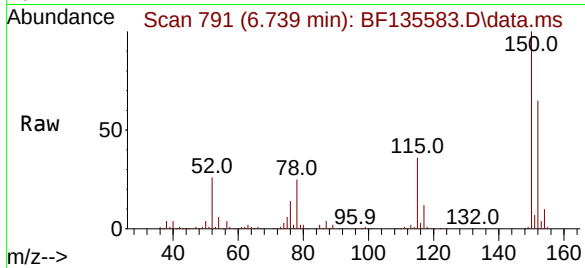




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135583.D
Acq: 04 Oct 2023 22:19

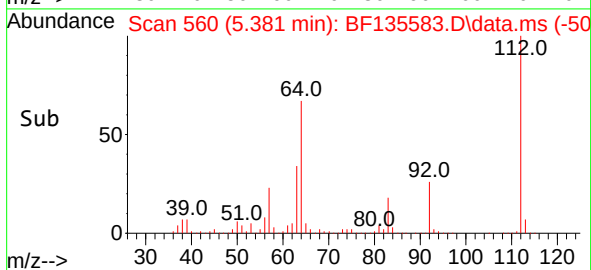
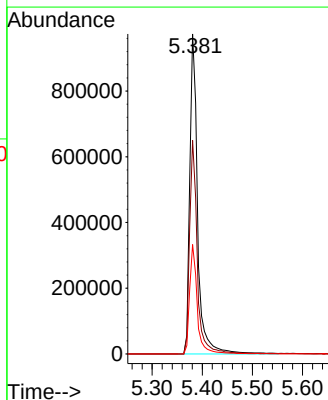
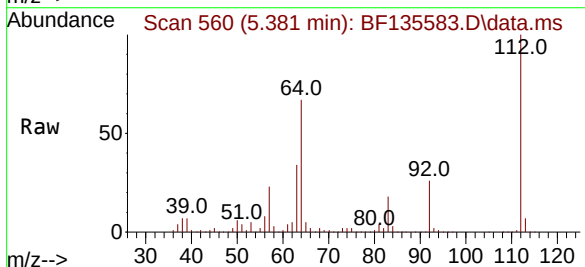
Instrument :
BNA_F
ClientSampleId :
HR-1-092923

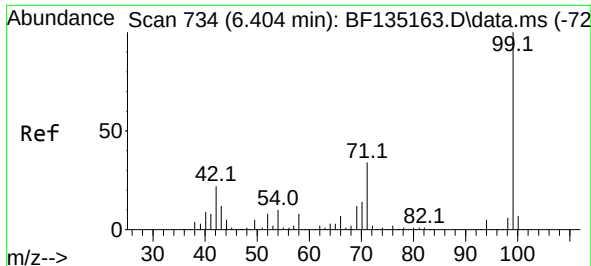
Tgt Ion:152 Resp: 145138
Ion Ratio Lower Upper
152 100
150 154.4 127.8 191.6
115 56.0 49.8 74.8



#5
2-Fluorophenol
Concen: 119.065 ng
RT: 5.381 min Scan# 560
Delta R.T. 0.012 min
Lab File: BF135583.D
Acq: 04 Oct 2023 22:19

Tgt Ion:112 Resp: 1062494
Ion Ratio Lower Upper
112 100
64 66.7 55.9 83.9
63 34.2 29.0 43.6





#7

Phenol-d6

Concen: 111.259 ng

RT: 6.387 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF135583.D

Acq: 04 Oct 2023 22:19

Instrument :

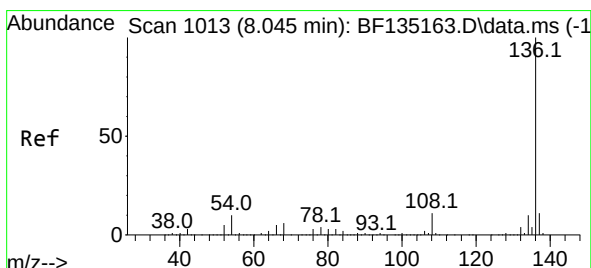
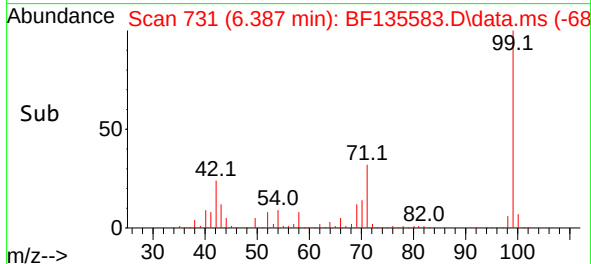
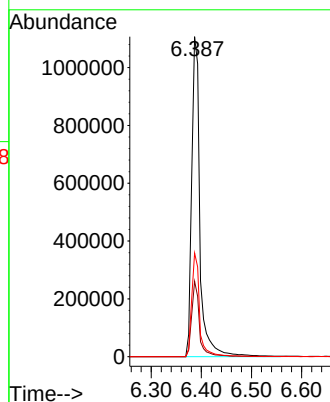
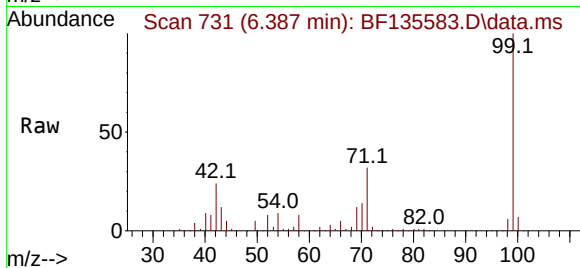
BNA_F

ClientSampleId :

HR-1-092923

Tgt Ion: 99 Resp: 1262450

Ion	Ratio	Lower	Upper
99	100		
42	23.6	17.9	26.9
71	32.4	27.0	40.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.016 min Scan# 1008

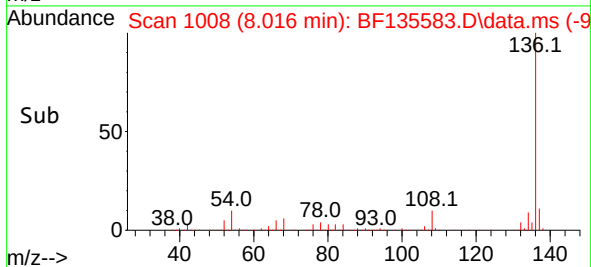
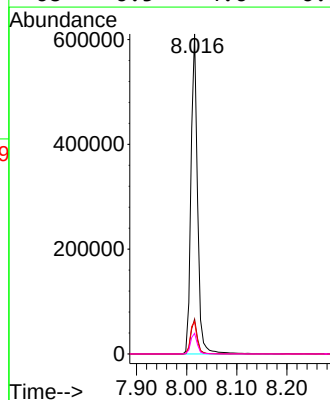
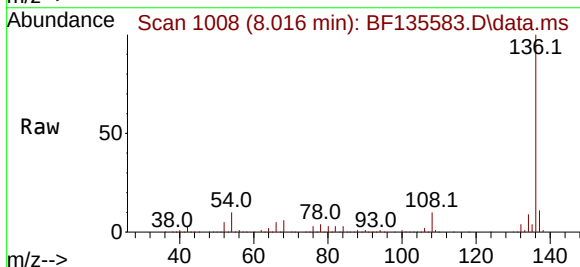
Delta R.T. 0.000 min

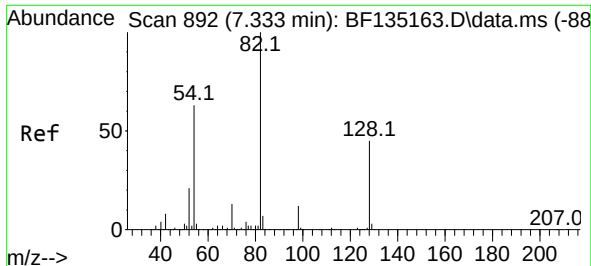
Lab File: BF135583.D

Acq: 04 Oct 2023 22:19

Tgt Ion: 136 Resp: 556658

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	10.1	7.7	11.5
68	6.5	4.6	6.8





#23

Nitrobenzene-d5

Concen: 86.223 ng

RT: 7.304 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF135583.D

Acq: 04 Oct 2023 22:19

Instrument :

BNA_F

ClientSampleId :

HR-1-092923

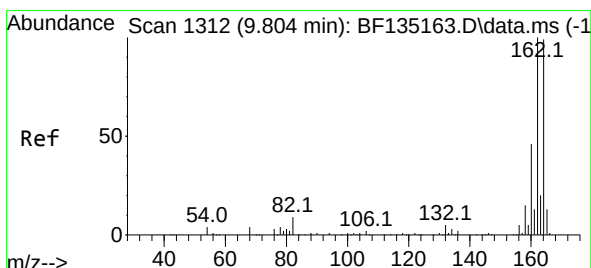
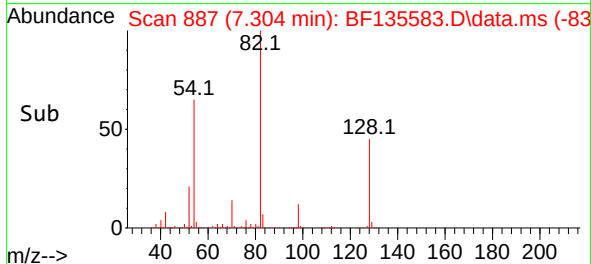
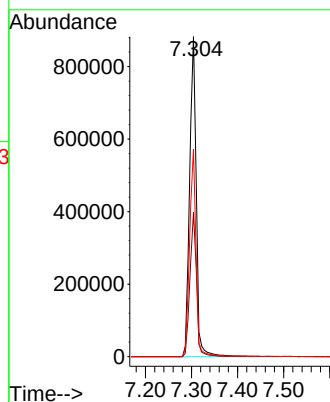
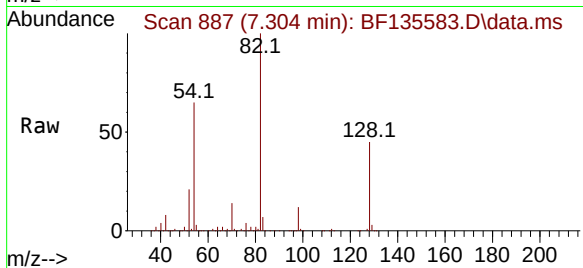
Tgt Ion: 82 Resp: 883443

Ion Ratio Lower Upper

82 100

128 45.1 35.8 53.6

54 64.8 50.6 76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.769 min Scan# 1306

Delta R.T. -0.006 min

Lab File: BF135583.D

Acq: 04 Oct 2023 22:19

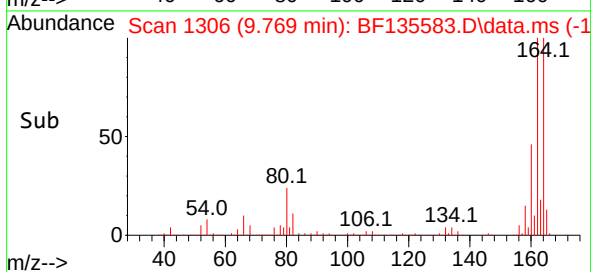
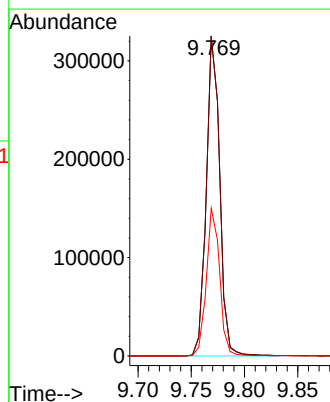
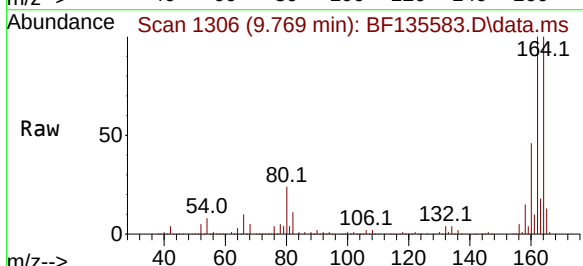
Tgt Ion:164 Resp: 286047

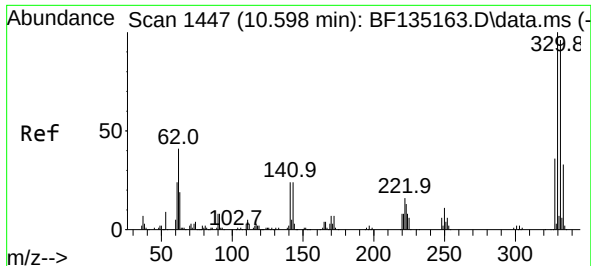
Ion Ratio Lower Upper

164 100

162 99.9 81.0 121.4

160 46.2 37.0 55.4

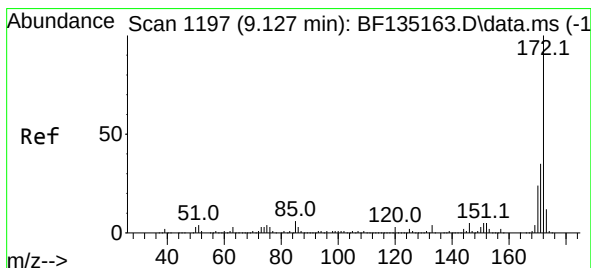
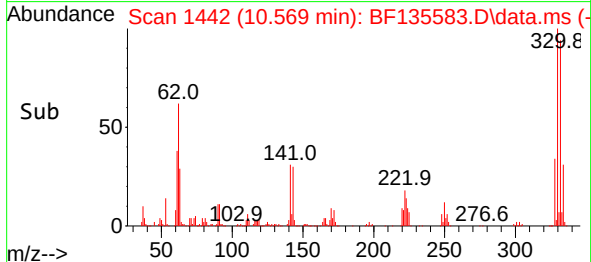
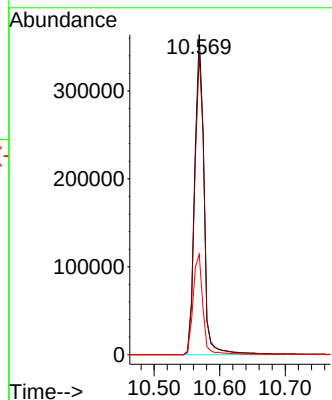
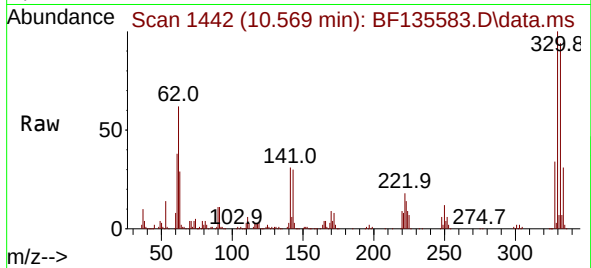




#42
2,4,6-Tribromophenol
Concen: 126.622 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF135583.D
Acq: 04 Oct 2023 22:19

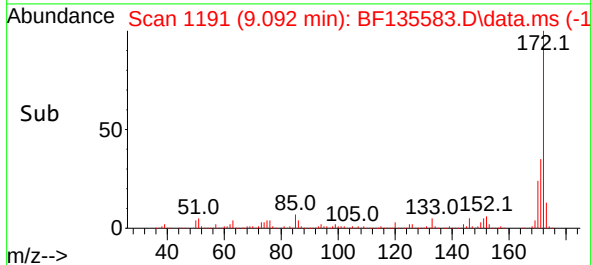
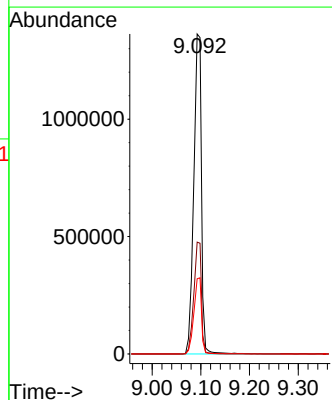
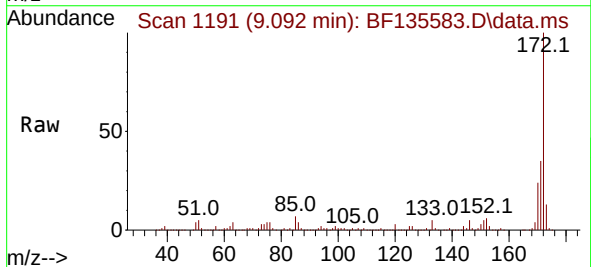
Instrument :
BNA_F
ClientSampleId :
HR-1-092923

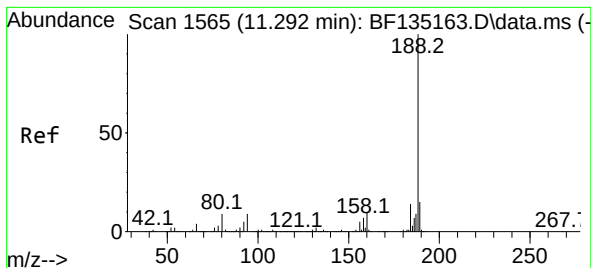
Tgt Ion:330 Resp: 359937
Ion Ratio Lower Upper
330 100
332 95.7 77.3 115.9
141 33.3 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 79.155 ng
RT: 9.092 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF135583.D
Acq: 04 Oct 2023 22:19

Tgt Ion:172 Resp: 1500738
Ion Ratio Lower Upper
172 100
171 35.0 28.4 42.6
170 23.5 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.263 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135583.D

Acq: 04 Oct 2023 22:19

Instrument :

BNA_F

ClientSampleId :

HR-1-092923

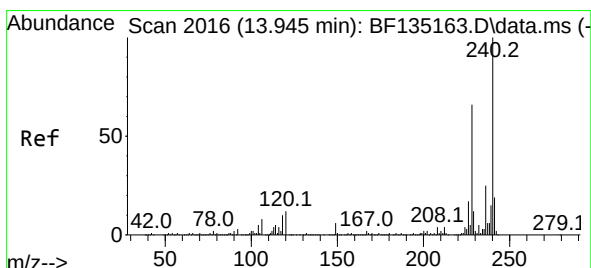
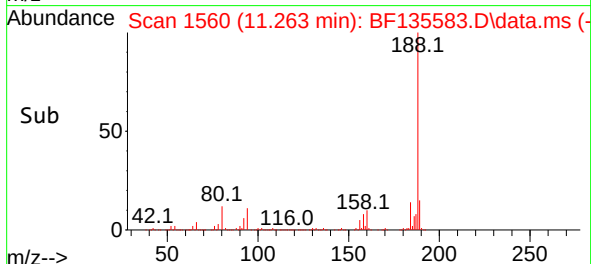
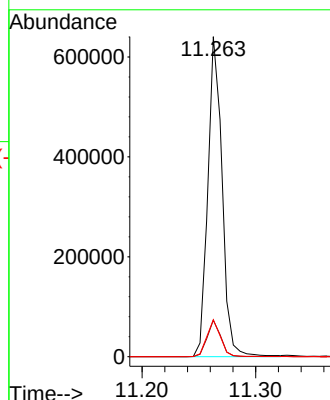
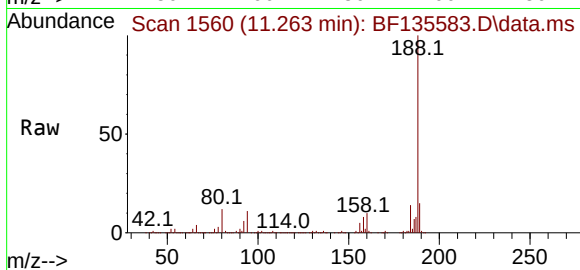
Tgt Ion:188 Resp: 557334

Ion Ratio Lower Upper

188 100

94 11.4 7.0 10.6#

80 11.5 7.5 11.3#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.921 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BF135583.D

Acq: 04 Oct 2023 22:19

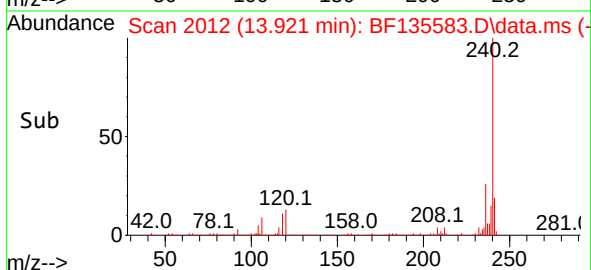
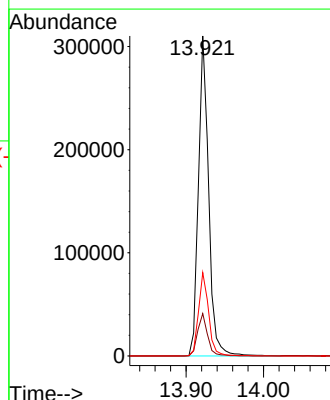
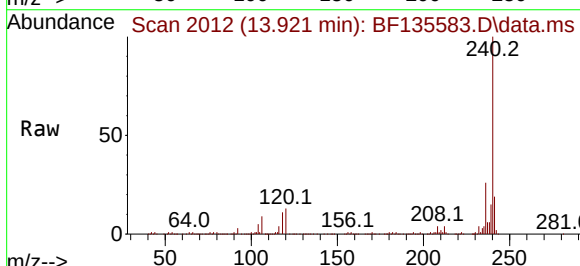
Tgt Ion:240 Resp: 283375

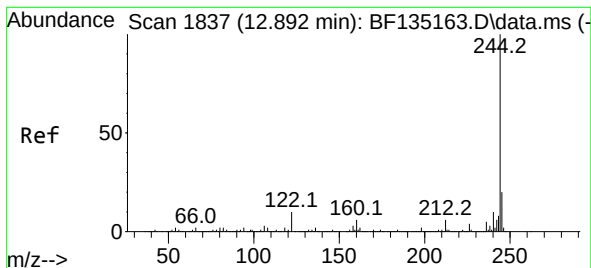
Ion Ratio Lower Upper

240 100

120 13.3 9.4 14.2

236 26.1 19.8 29.8





#79

Terphenyl-d14

Concen: 92.989 ng

RT: 12.863 min Scan# 1832

Delta R.T. 0.000 min

Lab File: BF135583.D

Acq: 04 Oct 2023 22:19

Instrument :

BNA_F

ClientSampleId :

HR-1-092923

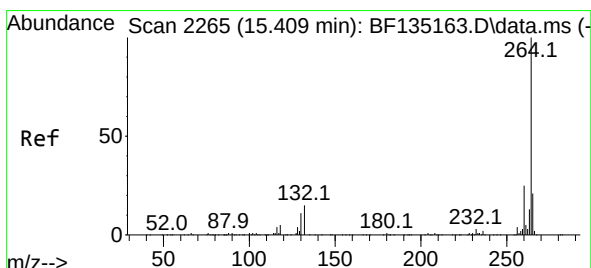
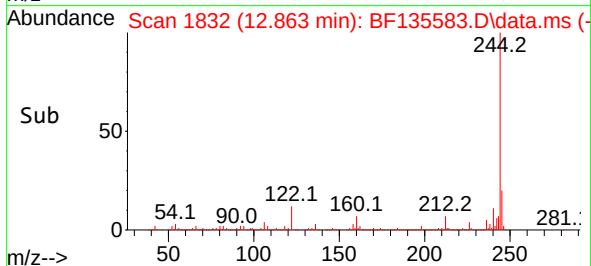
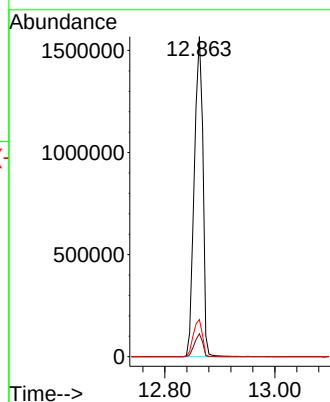
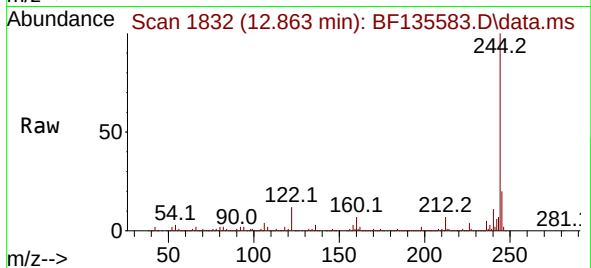
Tgt Ion:244 Resp: 1699832

Ion Ratio Lower Upper

244 100

212 7.2 5.1 7.7

122 11.6 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.386 min Scan# 2261

Delta R.T. 0.000 min

Lab File: BF135583.D

Acq: 04 Oct 2023 22:19

Tgt Ion:264 Resp: 268422

Ion Ratio Lower Upper

264 100

260 23.3 19.8 29.6

265 20.8 17.0 25.4

