

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100724\
 Data File : BF139687.D
 Acq On : 07 Oct 2024 15:33
 Operator : RC/JU
 Sample : PB163902BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163902BL

Quant Time: Oct 07 15:55:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	89954	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	344839	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	195984	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	402197	20.000	ng	0.00
76) Chrysene-d12	14.027	240	291108	20.000	ng	0.00
86) Perylene-d12	15.498	264	222477	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	536394	103.353	ng	0.01
7) Phenol-d6	6.498	99	720169	103.186	ng	0.00
23) Nitrobenzene-d5	7.428	82	664322	97.538	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	184092	97.305	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1208928	94.698	ng	0.00
79) Terphenyl-d14	12.980	244	1573522	88.692	ng	0.00

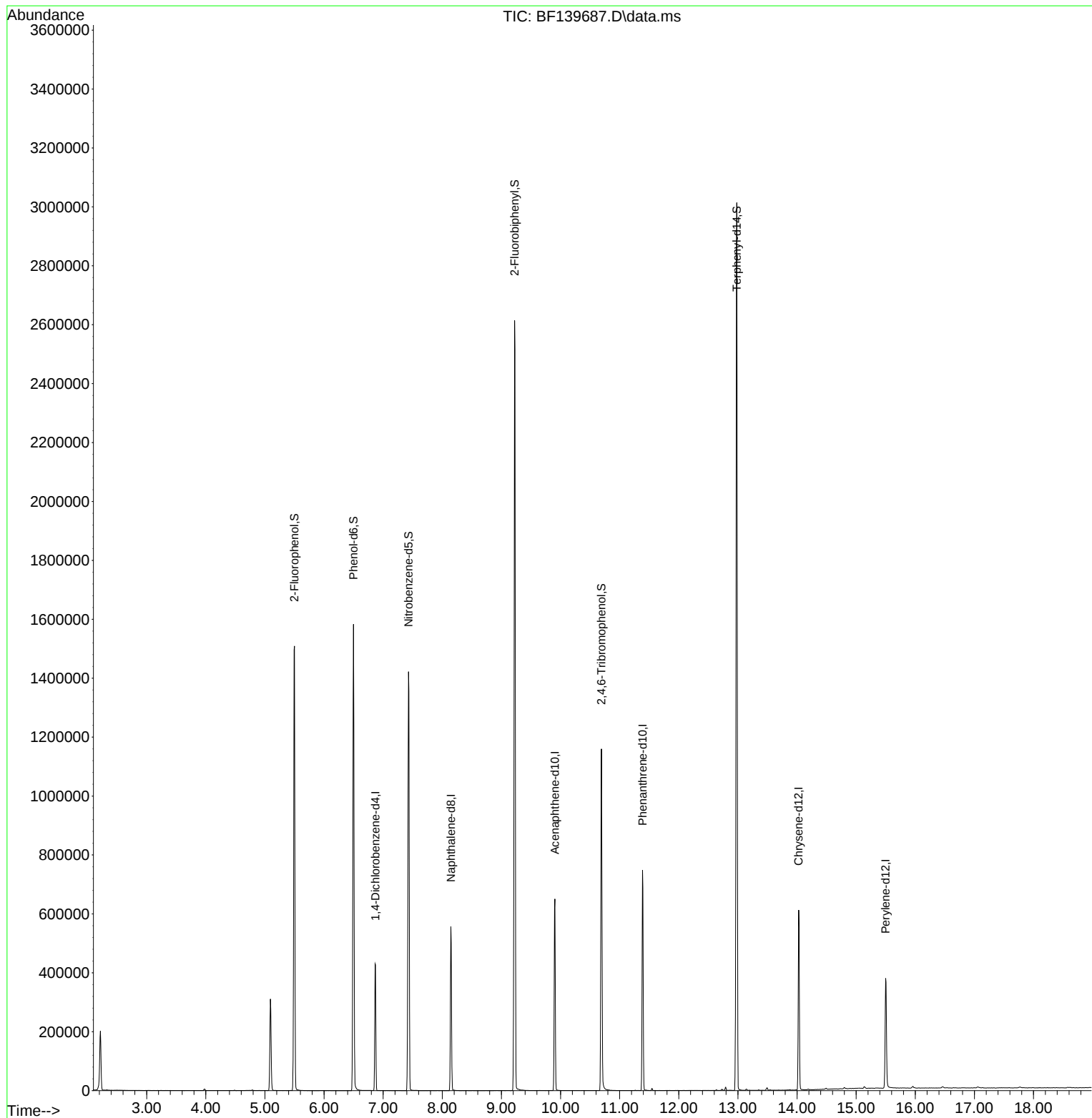
Target Compounds	Qvalue

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

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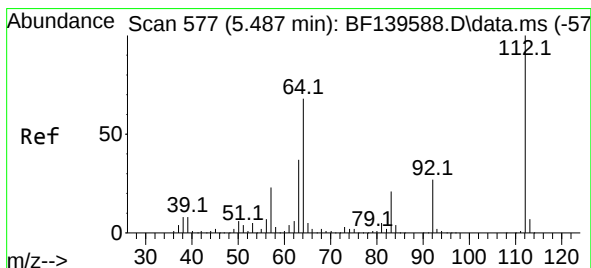
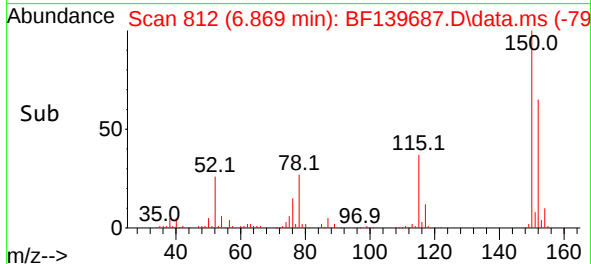
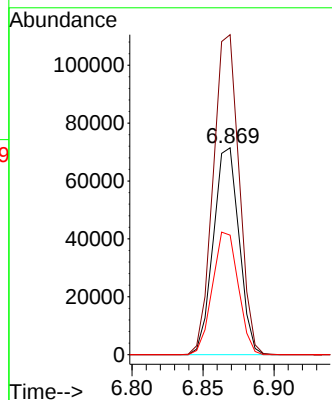
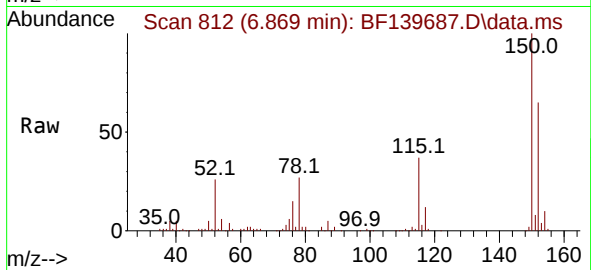




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 812
Delta R.T. 0.000 min
Lab File: BF139687.D
Acq: 07 Oct 2024 15:33

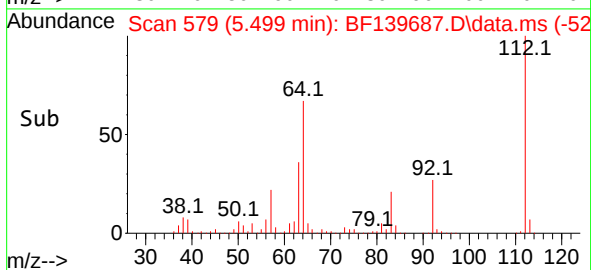
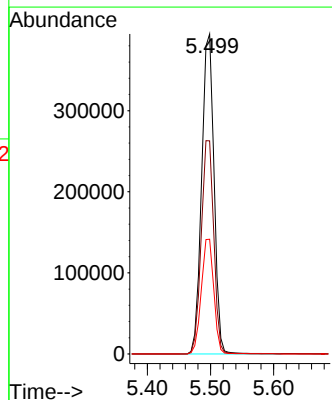
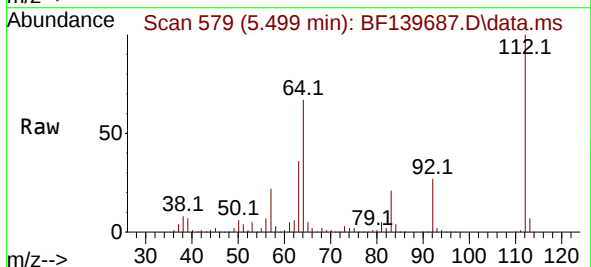
Instrument :
BNA_F
ClientSampleId :
PB163902BL

Tgt Ion:152 Resp: 89954
Ion Ratio Lower Upper
152 100
150 154.7 127.2 190.8
115 57.7 49.0 73.4



#5
2-Fluorophenol
Concen: 103.353 ng
RT: 5.499 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF139687.D
Acq: 07 Oct 2024 15:33

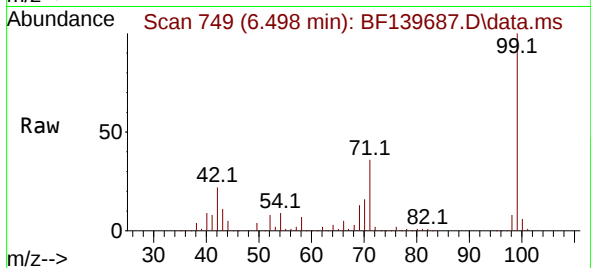
Tgt Ion:112 Resp: 536394
Ion Ratio Lower Upper
112 100
64 66.6 54.2 81.4
63 35.8 29.4 44.2





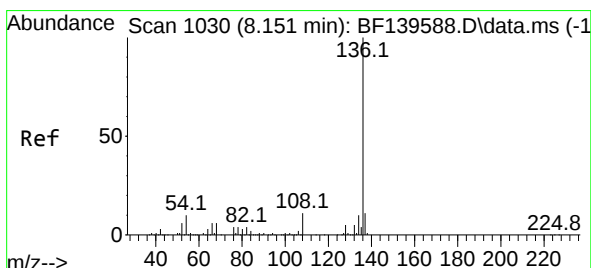
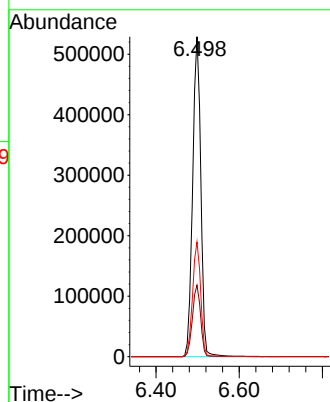
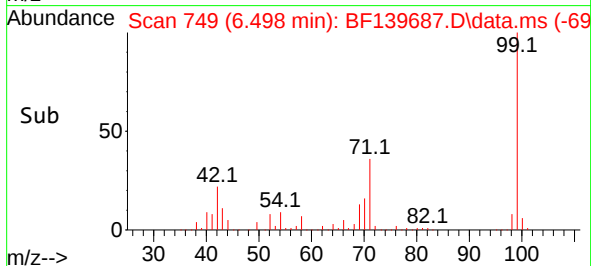
#7
Phenol-d6
Concen: 103.186 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139687.D
Acq: 07 Oct 2024 15:33

Instrument :
BNA_F
ClientSampleId :
PB163902BL

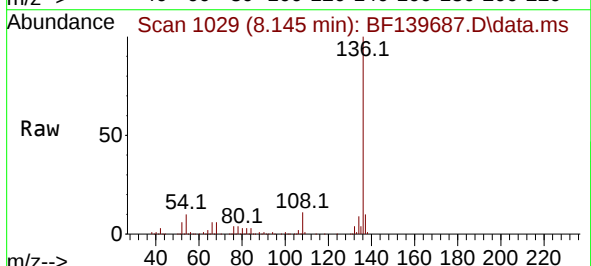


Tgt Ion: 99 Resp: 720169

Ion	Ratio	Lower	Upper
99	100		
42	22.3	19.1	28.7
71	35.9	29.7	44.5

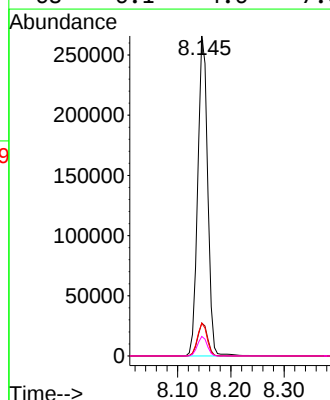
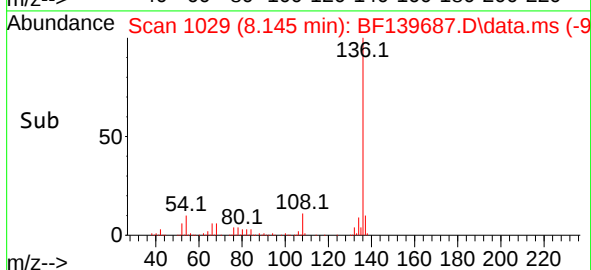


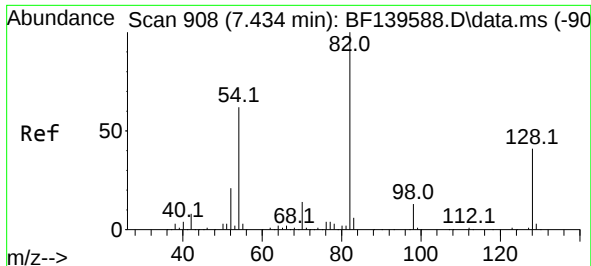
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF139687.D
Acq: 07 Oct 2024 15:33



Tgt Ion: 136 Resp: 344839

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.6	13.0
54	10.3	8.3	12.5
68	6.1	4.6	7.0





#23

Nitrobenzene-d5

Concen: 97.538 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF139687.D

Acq: 07 Oct 2024 15:33

Instrument :

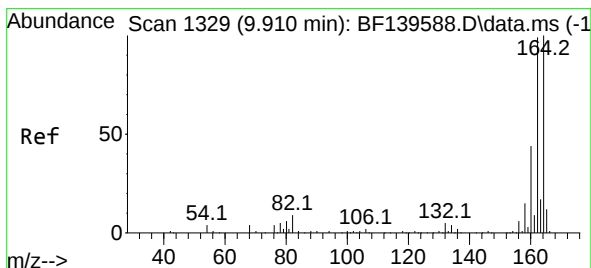
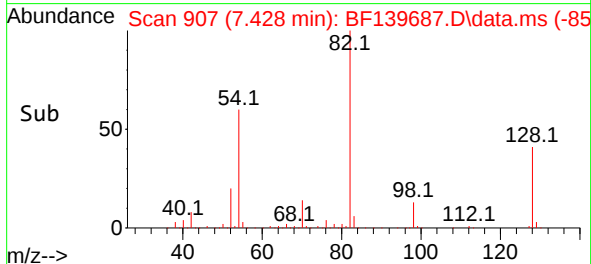
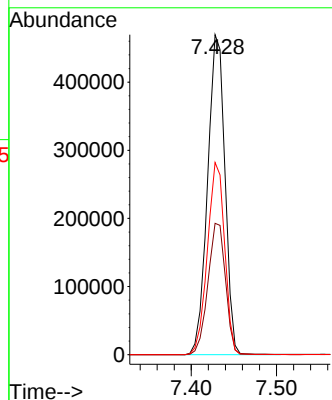
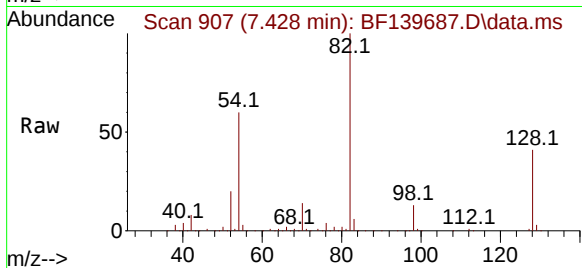
BNA_F

ClientSampleId :

PB163902BL

Tgt Ion: 82 Resp: 664322

Ion	Ratio	Lower	Upper
82	100		
128	41.1	32.4	48.6
54	60.1	49.1	73.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1328

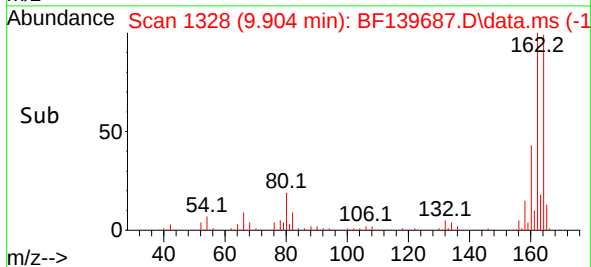
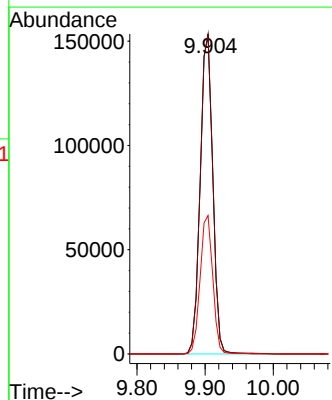
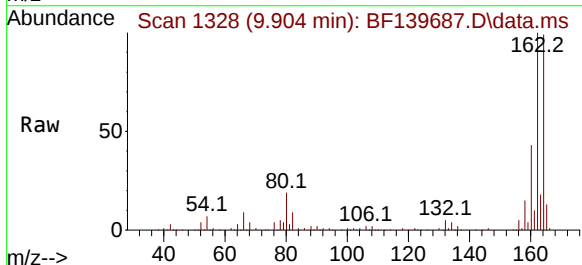
Delta R.T. -0.006 min

Lab File: BF139687.D

Acq: 07 Oct 2024 15:33

Tgt Ion:164 Resp: 195984

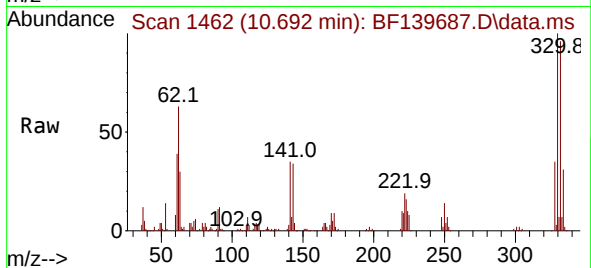
Ion	Ratio	Lower	Upper
164	100		
162	100.7	79.4	119.0
160	43.6	35.1	52.7



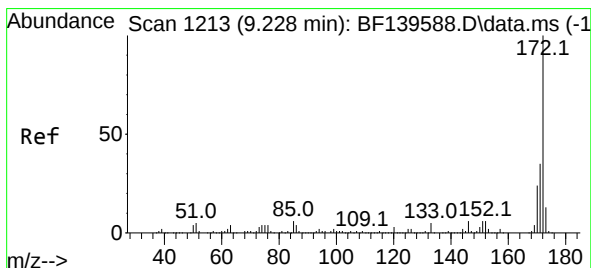
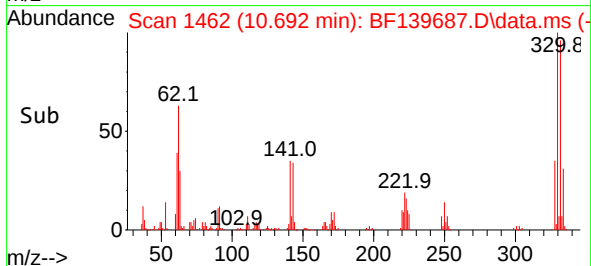
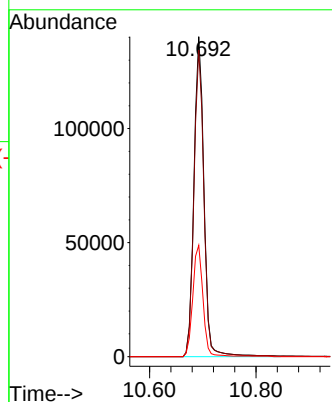


#42
2,4,6-Tribromophenol
Concen: 97.305 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF139687.D
Acq: 07 Oct 2024 15:33

Instrument :
BNA_F
ClientSampleId :
PB163902BL

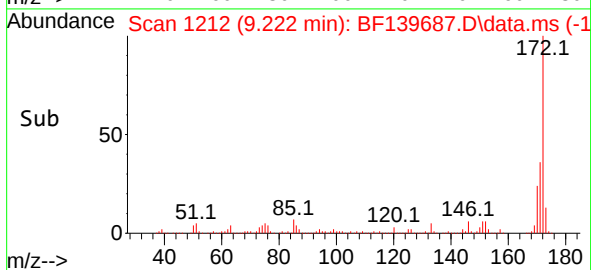
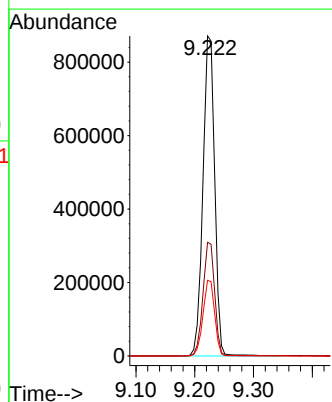
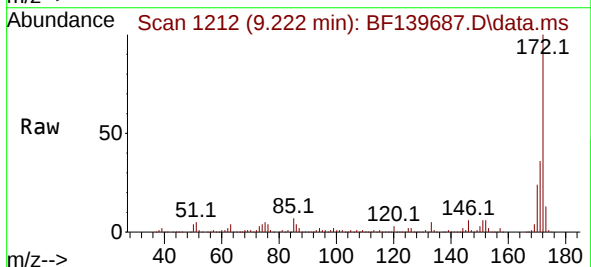


Tgt Ion:330 Resp: 184092
Ion Ratio Lower Upper
330 100
332 96.0 76.5 114.7
141 35.5 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 94.698 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF139687.D
Acq: 07 Oct 2024 15:33

Tgt Ion:172 Resp: 1208928
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.4
170 23.7 18.8 28.2

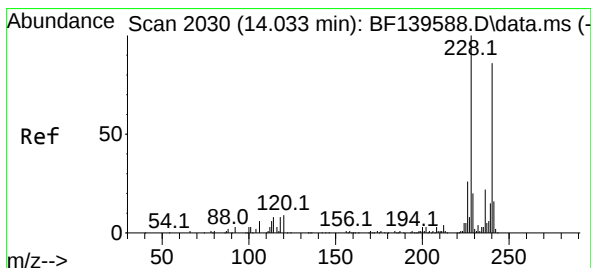
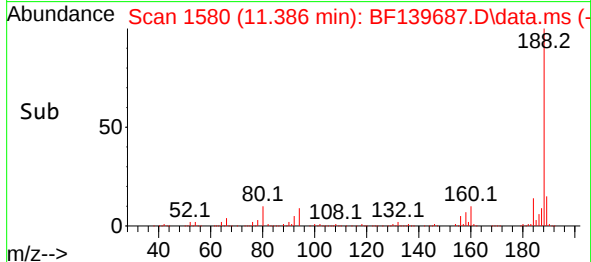
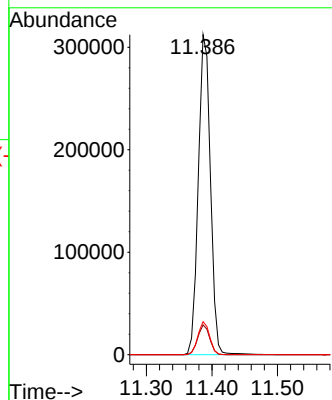
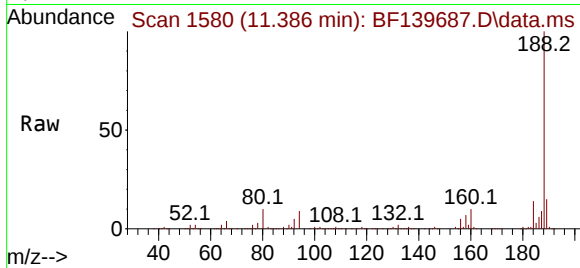




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139687.D
Acq: 07 Oct 2024 15:33

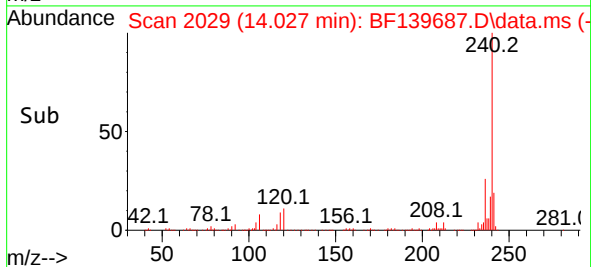
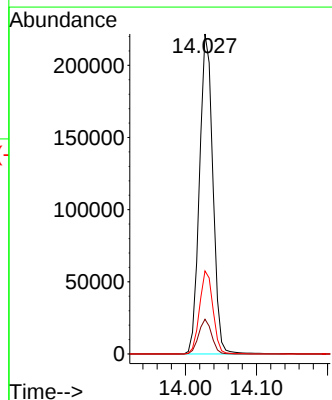
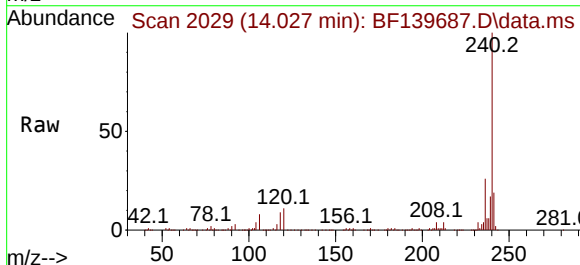
Instrument :
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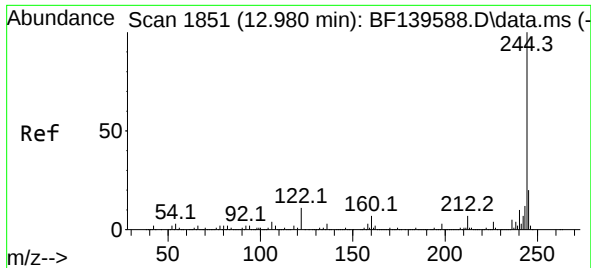
Tgt Ion:188 Resp: 402197
Ion Ratio Lower Upper
188 100
94 9.3 7.4 11.2
80 10.3 8.2 12.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF139687.D
Acq: 07 Oct 2024 15:33

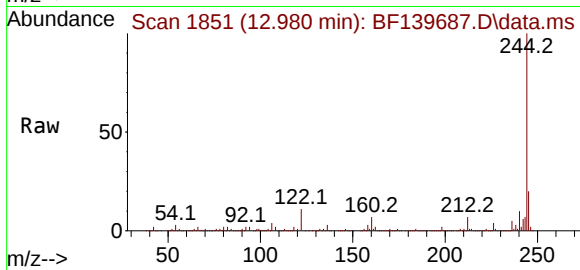
Tgt Ion:240 Resp: 291108
Ion Ratio Lower Upper
240 100
120 10.8 8.4 12.6
236 25.9 20.3 30.5



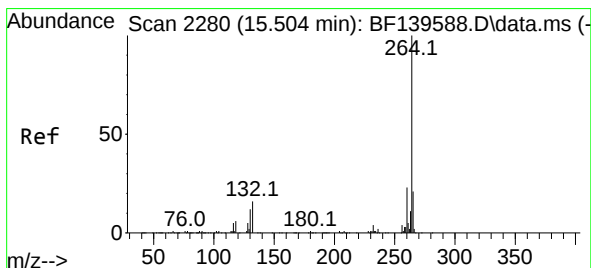
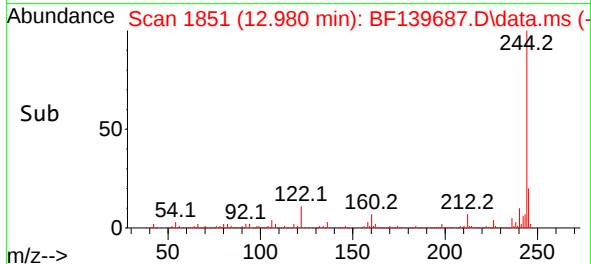
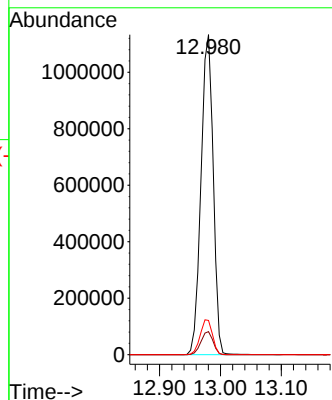


#79
Terphenyl-d14
Concen: 88.692 ng
RT: 12.980 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139687.D
Acq: 07 Oct 2024 15:33

Instrument :
BNA_F
ClientSampleId :
PB163902BL



Tgt Ion:244 Resp: 1573522
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 10.7 8.6 12.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2279
Delta R.T. -0.006 min
Lab File: BF139687.D
Acq: 07 Oct 2024 15:33

Tgt Ion:264 Resp: 222477
Ion Ratio Lower Upper
264 100
260 23.5 18.7 28.1
265 21.3 16.9 25.3

