

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012225\
 Data File : BF141237.D
 Acq On : 22 Jan 2025 14:50
 Operator : RC/JU
 Sample : PB166167BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166167BL

Quant Time: Jan 22 15:27:42 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 22:54:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	164883	20.000	ng	-0.02
21) Naphthalene-d8	8.086	136	660162	20.000	ng	-0.02
39) Acenaphthene-d10	9.845	164	360579	20.000	ng	-0.02
64) Phenanthrene-d10	11.327	188	625546	20.000	ng	-0.02
76) Chrysene-d12	13.980	240	483840	20.000	ng	0.00
86) Perylene-d12	15.456	264	379156	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1372562	128.596	ng	0.00
7) Phenol-d6	6.434	99	1695712	125.421	ng	-0.01
23) Nitrobenzene-d5	7.363	82	1107587	88.935	ng	-0.02
42) 2,4,6-Tribromophenol	10.633	330	596451	145.173	ng	-0.02
45) 2-Fluorobiphenyl	9.163	172	2087316	88.397	ng	-0.02
79) Terphenyl-d14	12.921	244	2590129	79.566	ng	-0.01

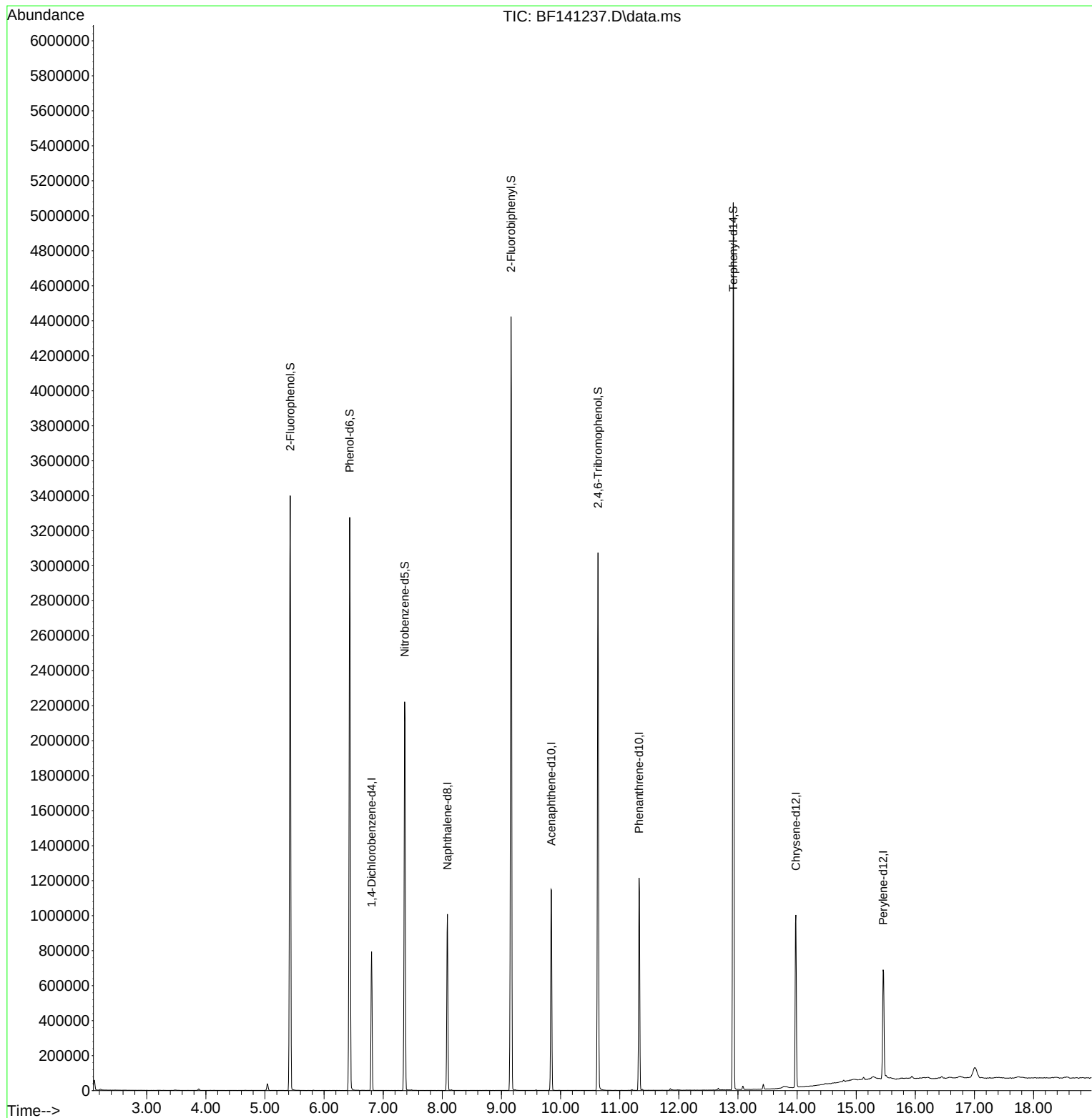
Target Compounds	Qvalue

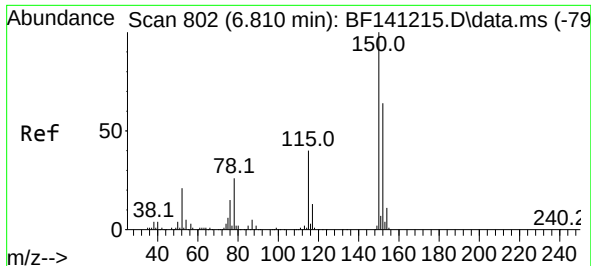
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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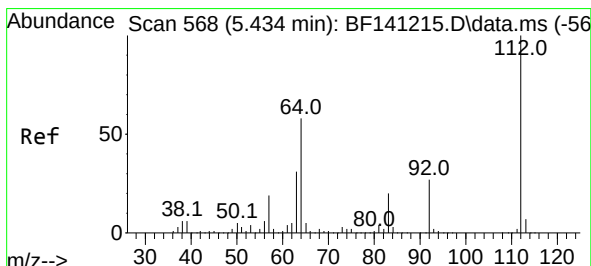
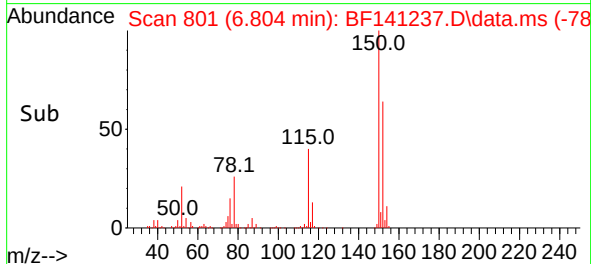
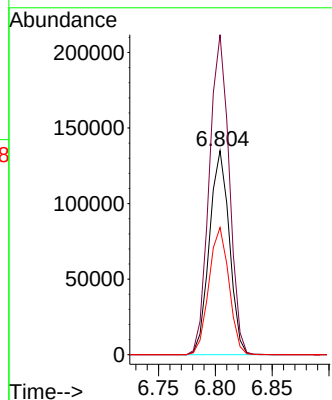
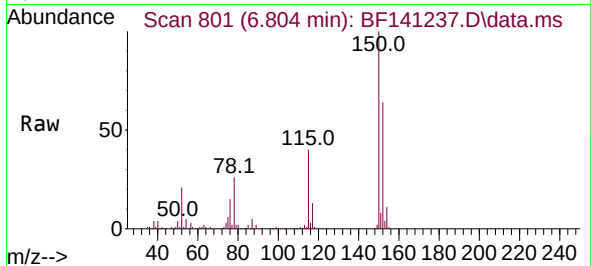




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 801
Delta R.T. -0.018 min
Lab File: BF141237.D
Acq: 22 Jan 2025 14:50

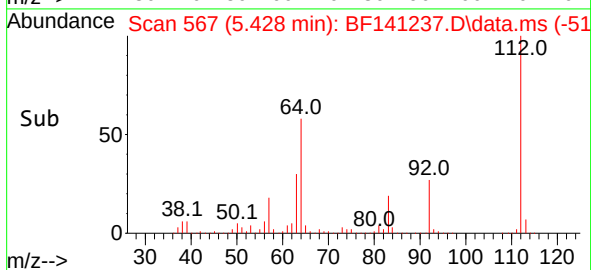
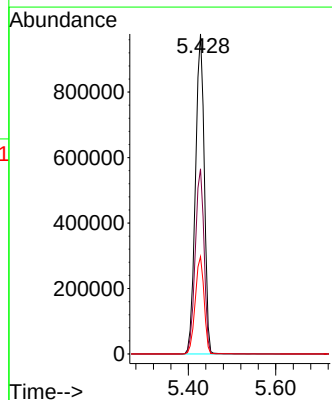
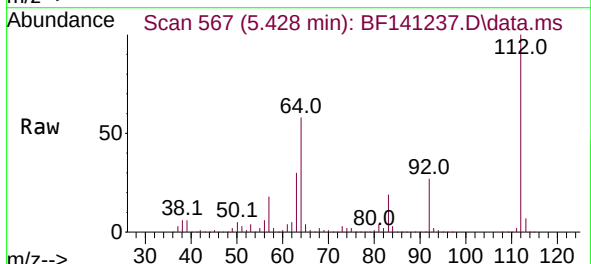
Instrument :
BNA_F
ClientSampleId :
PB166167BL

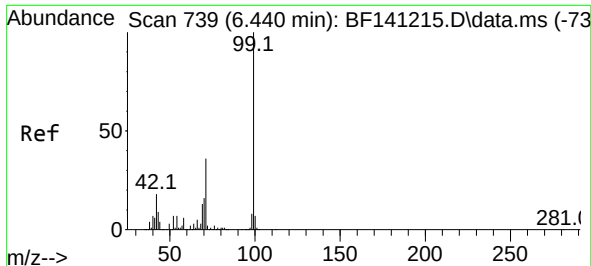
Tgt Ion:152 Resp: 164883
Ion Ratio Lower Upper
152 100
150 156.9 125.8 188.8
115 62.4 51.4 77.2



#5
2-Fluorophenol
Concen: 128.596 ng
RT: 5.428 min Scan# 567
Delta R.T. -0.000 min
Lab File: BF141237.D
Acq: 22 Jan 2025 14:50

Tgt Ion:112 Resp: 1372562
Ion Ratio Lower Upper
112 100
64 57.9 47.3 70.9
63 30.4 24.2 36.2



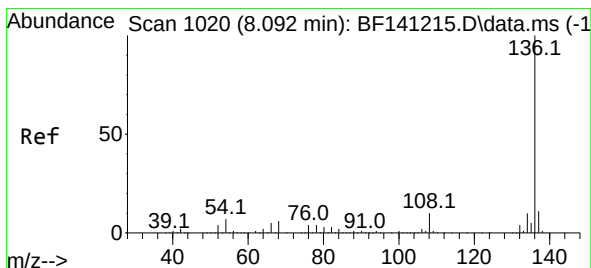
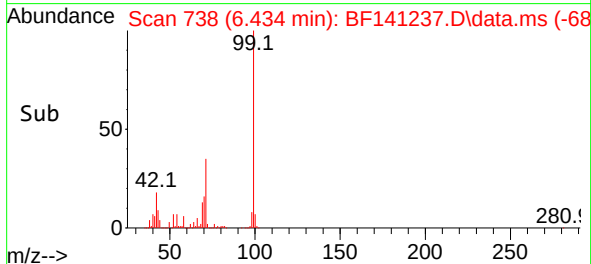
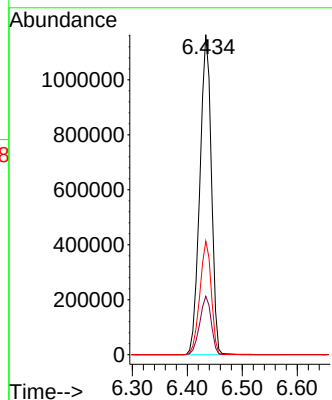
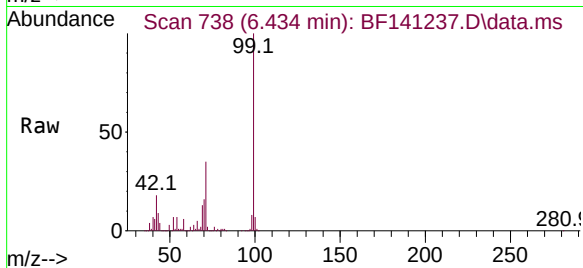


#7
Phenol-d6
Concen: 125.421 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141237.D
Acq: 22 Jan 2025 14:50

Instrument :
BNA_F
ClientSampleId :
PB166167BL

Tgt Ion: 99 Resp: 1695712

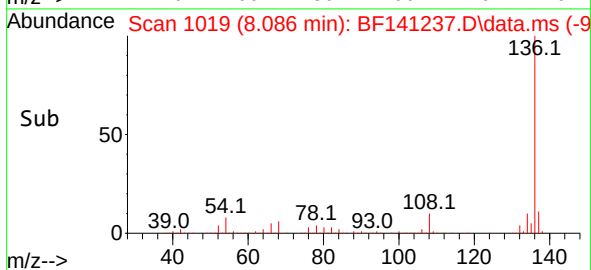
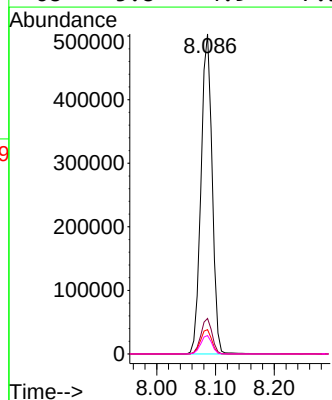
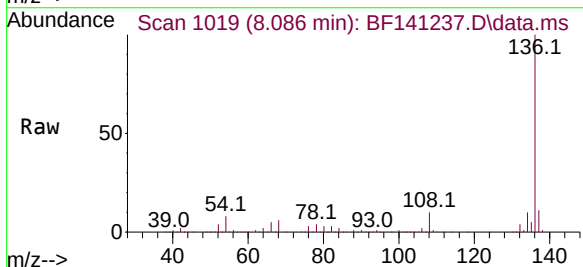
Ion	Ratio	Lower	Upper
99	100		
42	18.3	15.0	22.4
71	35.5	27.6	41.4

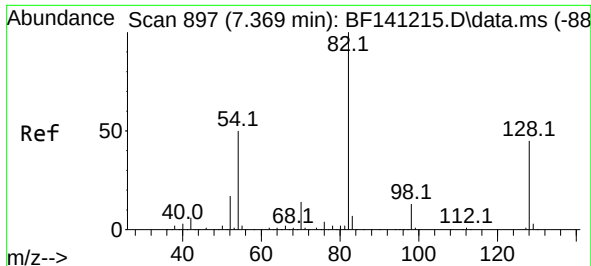


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 1019
Delta R.T. -0.018 min
Lab File: BF141237.D
Acq: 22 Jan 2025 14:50

Tgt Ion: 136 Resp: 660162

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.6	6.3	9.5
68	5.8	4.9	7.3





#23

Nitrobenzene-d5

Concen: 88.935 ng

RT: 7.363 min Scan# 896

Delta R.T. -0.024 min

Lab File: BF141237.D

Acq: 22 Jan 2025 14:50

Instrument :

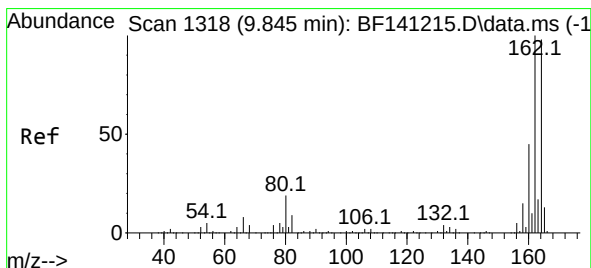
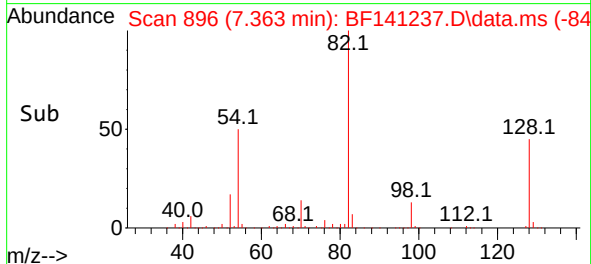
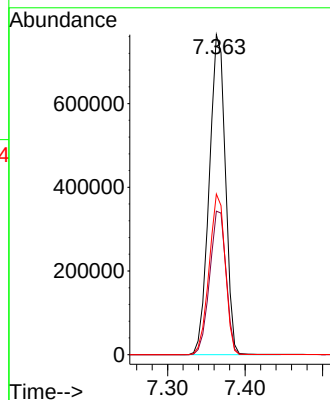
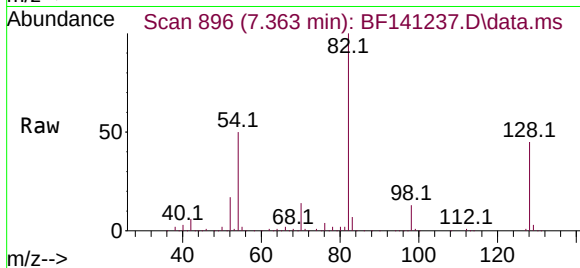
BNA_F

ClientSampleId :

PB166167BL

Tgt Ion: 82 Resp: 1107587

Ion	Ratio	Lower	Upper
82	100		
128	44.9	36.1	54.1
54	50.2	41.0	61.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.845 min Scan# 1318

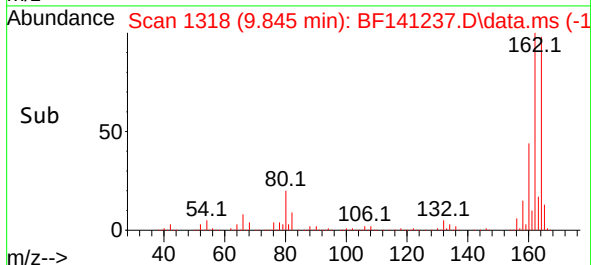
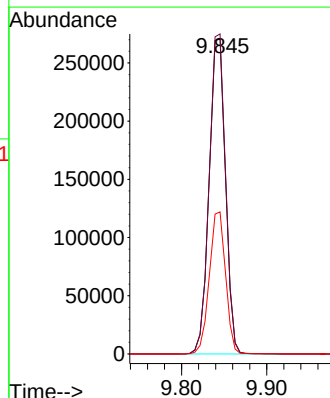
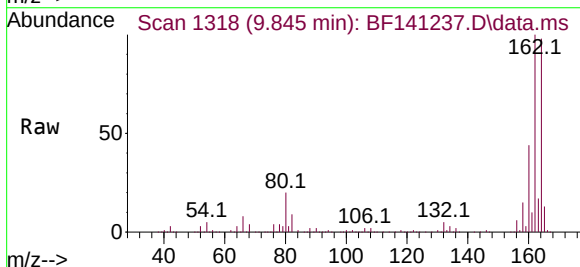
Delta R.T. -0.018 min

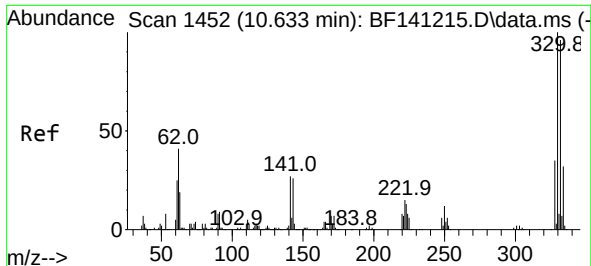
Lab File: BF141237.D

Acq: 22 Jan 2025 14:50

Tgt Ion: 164 Resp: 360579

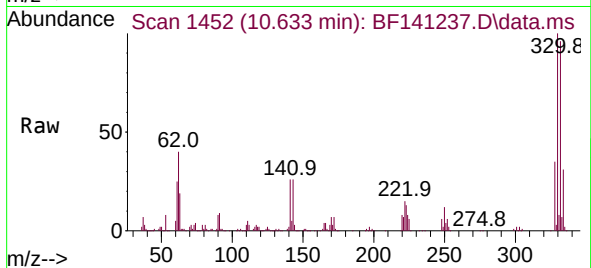
Ion	Ratio	Lower	Upper
164	100		
162	101.6	81.0	121.4
160	45.1	36.1	54.1



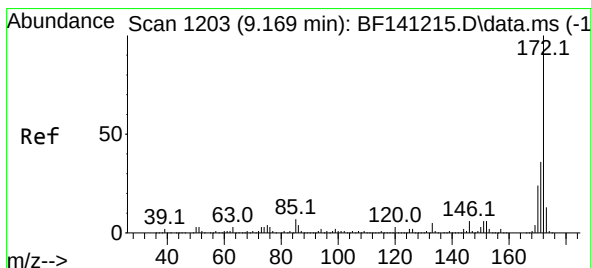
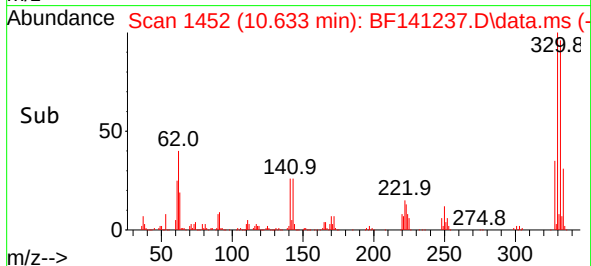
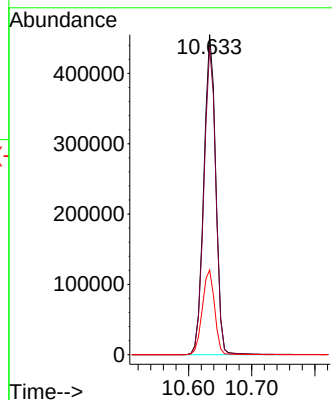


#42
2,4,6-Tribromophenol
Concen: 145.173 ng
RT: 10.633 min Scan# 1452
Delta R.T. -0.018 min
Lab File: BF141237.D
Acq: 22 Jan 2025 14:50

Instrument :
BNA_F
ClientSampleId :
PB166167BL

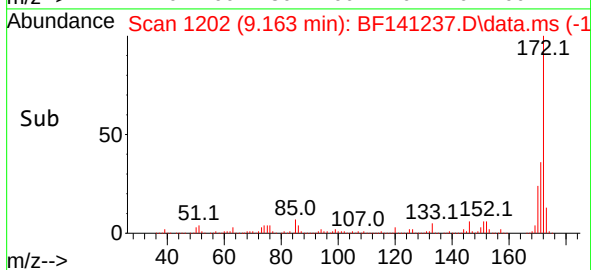
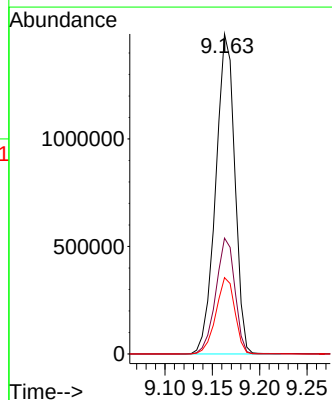
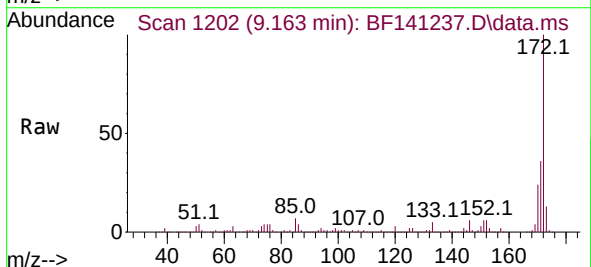


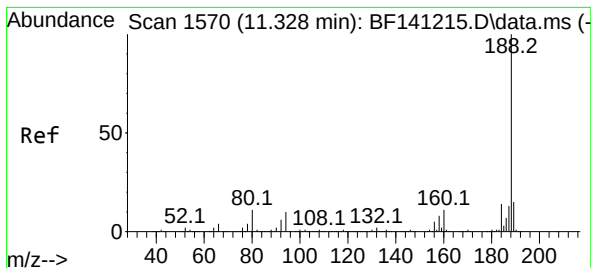
Tgt Ion: 330 Resp: 596451
Ion Ratio Lower Upper
330 100
332 96.3 76.9 115.3
141 27.3 25.2 37.8



#45
2-Fluorobiphenyl
Concen: 88.397 ng
RT: 9.163 min Scan# 1202
Delta R.T. -0.018 min
Lab File: BF141237.D
Acq: 22 Jan 2025 14:50

Tgt Ion: 172 Resp: 2087316
Ion Ratio Lower Upper
172 100
171 36.2 28.7 43.1
170 23.9 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.327 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF141237.D

Acq: 22 Jan 2025 14:50

Instrument :

BNA_F

ClientSampleId :

PB166167BL

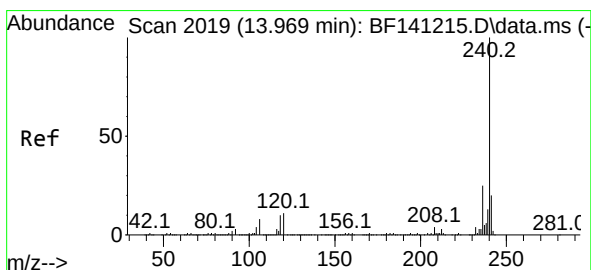
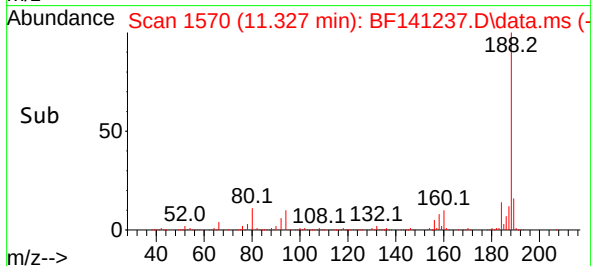
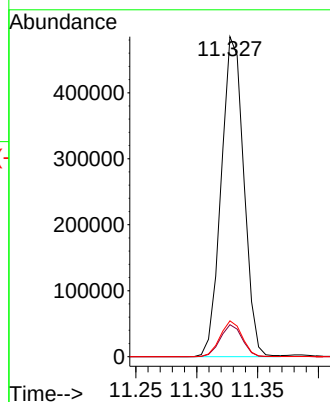
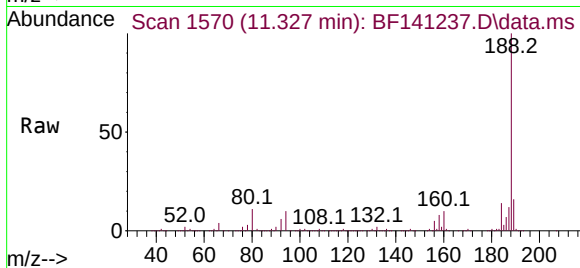
Tgt Ion:188 Resp: 625546

Ion Ratio Lower Upper

188 100

94 10.0 8.3 12.5

80 11.2 9.0 13.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF141237.D

Acq: 22 Jan 2025 14:50

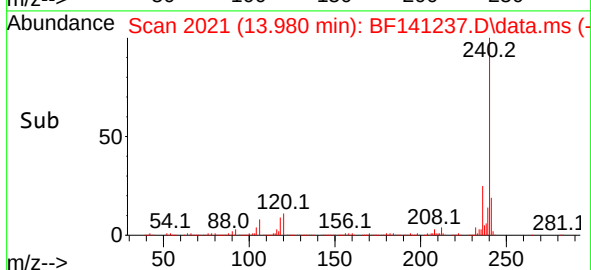
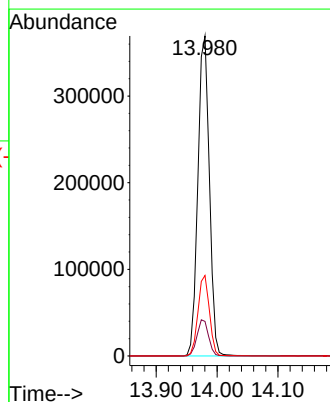
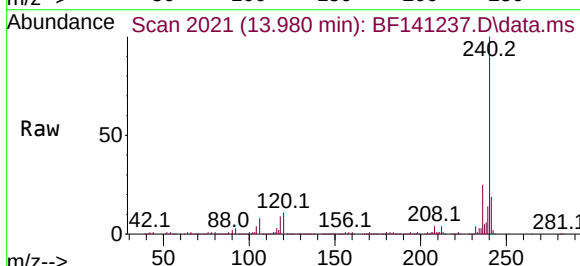
Tgt Ion:240 Resp: 483840

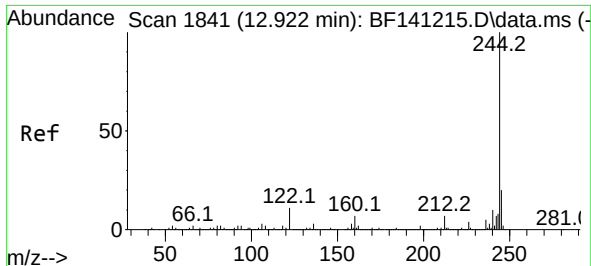
Ion Ratio Lower Upper

240 100

120 10.8 9.1 13.7

236 25.1 19.8 29.6

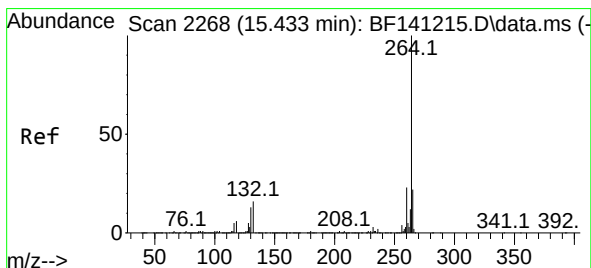
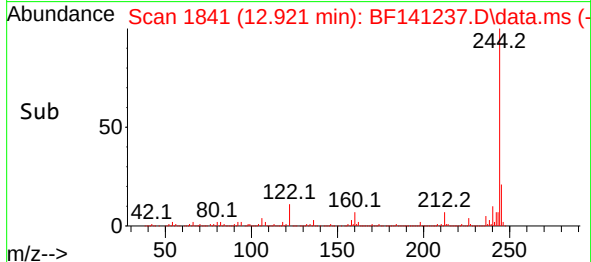
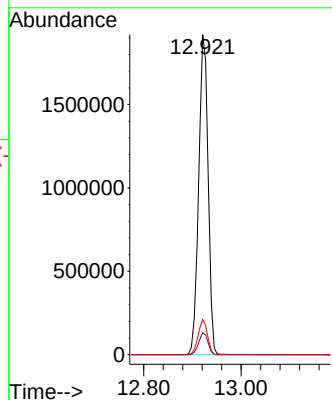
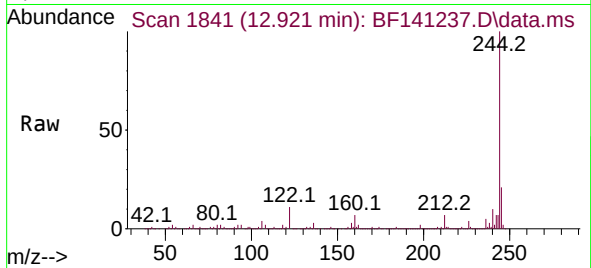




#79
 Terphenyl-d14
 Concen: 79.566 ng
 RT: 12.921 min Scan# 1841
 Delta R.T. -0.012 min
 Lab File: BF141237.D
 Acq: 22 Jan 2025 14:50

Instrument :
 BNA_F
 ClientSampleId :
 PB166167BL

Tgt Ion:244 Resp: 2590129
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 11.0 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.456 min Scan# 2272
 Delta R.T. 0.018 min
 Lab File: BF141237.D
 Acq: 22 Jan 2025 14:50

Tgt Ion:264 Resp: 379156
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.6 28.0
 265 21.3 17.4 26.0

