

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030325\
 Data File : BF141812.D
 Acq On : 03 Mar 2025 14:46
 Operator : RC/JU
 Sample : PB166948BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166948BL

Quant Time: Mar 03 15:35:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 28 01:48:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	308197	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	1246704	20.000	ng	-0.01
39) Acenaphthene-d10	9.922	164	692288	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	1249627	20.000	ng	0.00
76) Chrysene-d12	14.045	240	959363	20.000	ng	0.00
86) Perylene-d12	15.515	264	722543	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	2541998	131.719	ng	0.02
7) Phenol-d6	6.504	99	3193458	127.134	ng	0.00
23) Nitrobenzene-d5	7.445	82	2047675	104.987	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	989452	152.239	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	3881018	89.890	ng	0.00
79) Terphenyl-d14	12.998	244	4932297	83.181	ng	0.00

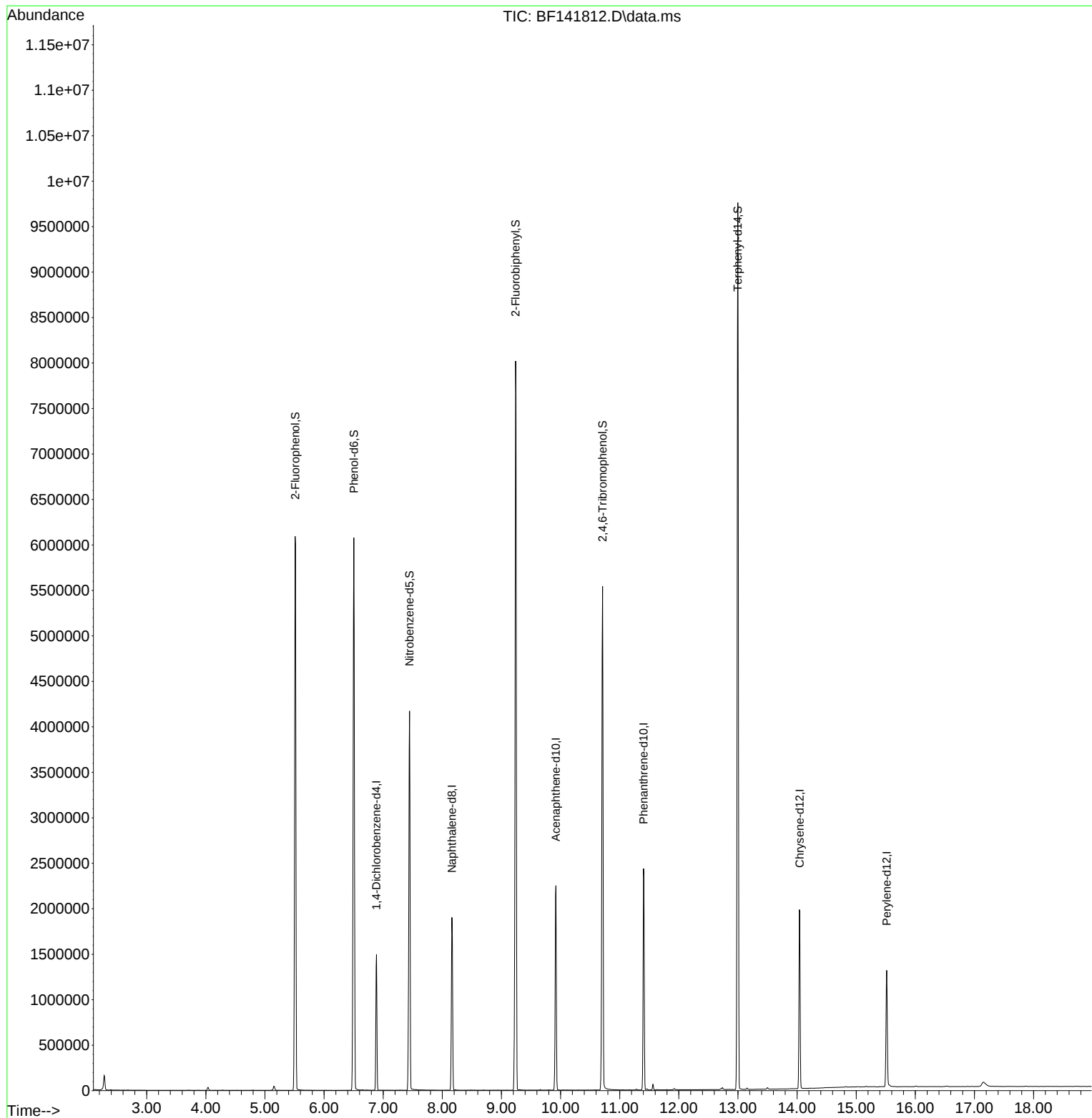
Target Compounds	Qvalue

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

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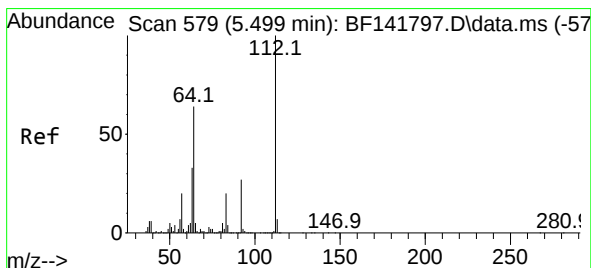
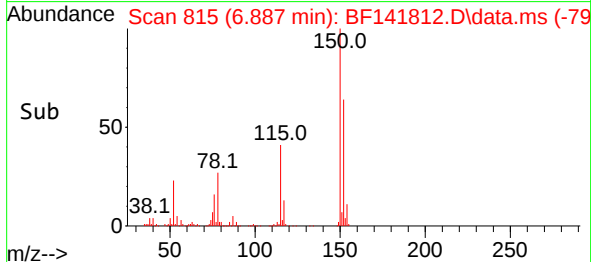
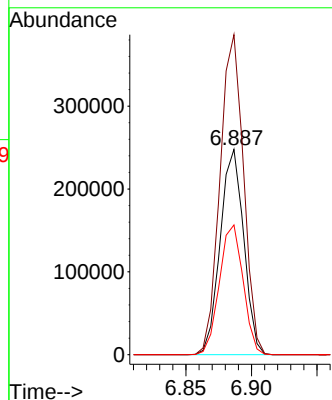
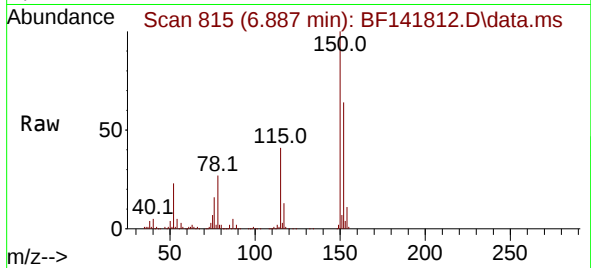




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 816
 Delta R.T. -0.006 min
 Lab File: BF141812.D
 Acq: 03 Mar 2025 14:46

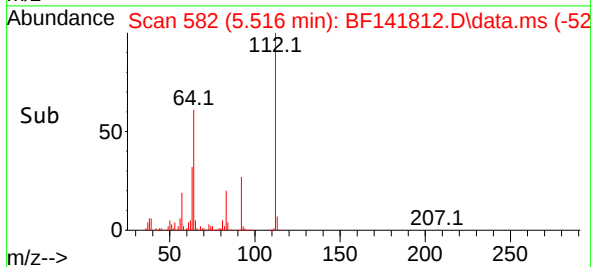
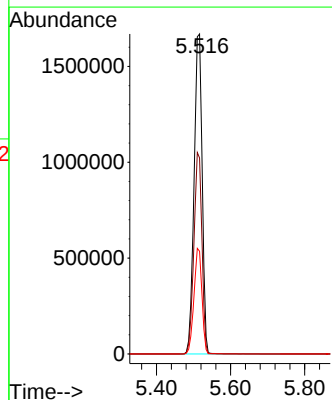
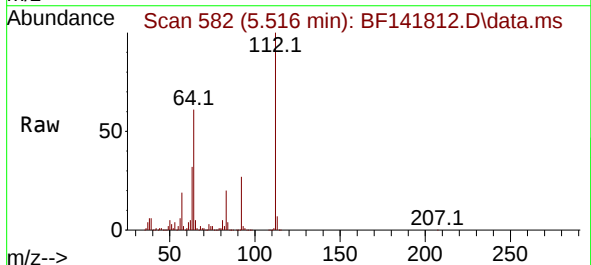
Instrument :
 BNA_F
 ClientSampleId :
 PB166948BL

Tgt Ion:152 Resp: 308197
 Ion Ratio Lower Upper
 152 100
 150 155.9 127.5 191.3
 115 63.3 51.4 77.2



#5
 2-Fluorophenol
 Concen: 131.719 ng
 RT: 5.516 min Scan# 582
 Delta R.T. 0.017 min
 Lab File: BF141812.D
 Acq: 03 Mar 2025 14:46

Tgt Ion:112 Resp: 2541998
 Ion Ratio Lower Upper
 112 100
 64 61.2 51.3 76.9
 63 32.1 26.2 39.4

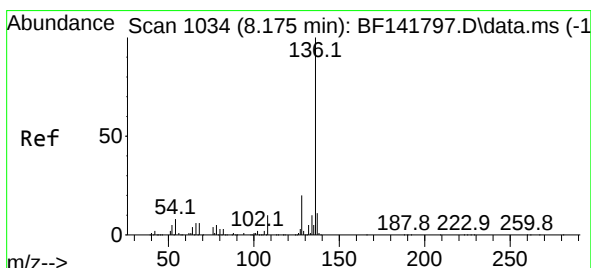
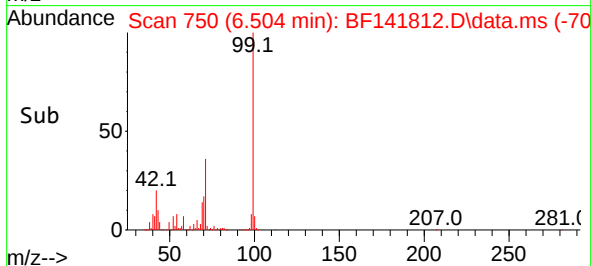
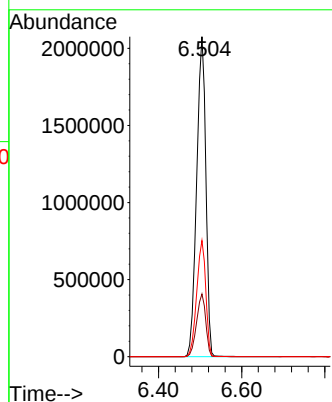
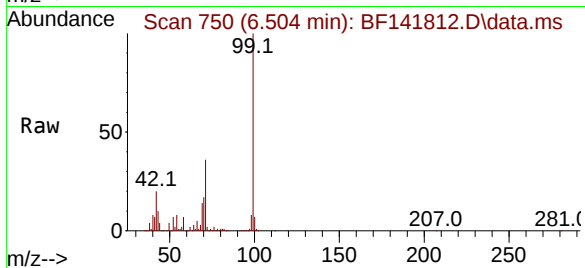




#7
Phenol-d6
Concen: 127.134 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141812.D
Acq: 03 Mar 2025 14:46

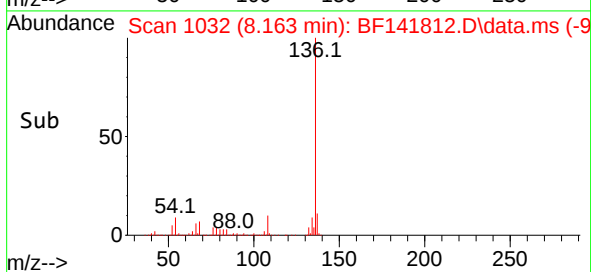
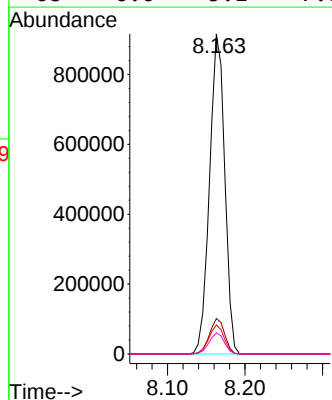
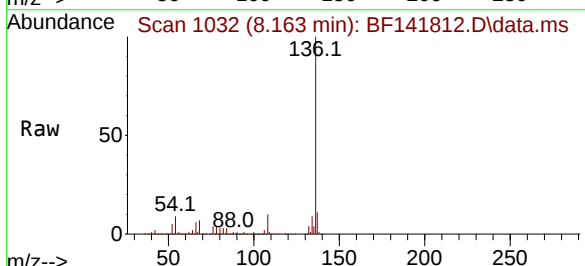
Instrument :
BNA_F
ClientSampleId :
PB166948BL

Tgt Ion: 99 Resp: 3193458
Ion Ratio Lower Upper
99 100
42 19.6 15.2 22.8
71 36.3 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BF141812.D
Acq: 03 Mar 2025 14:46

Tgt Ion:136 Resp: 1246704
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 9.1 6.9 10.3
68 6.6 5.1 7.7





#23

Nitrobenzene-d5

Concen: 104.987 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF141812.D

Acq: 03 Mar 2025 14:46

Instrument :

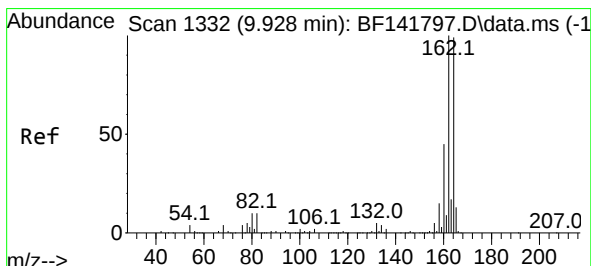
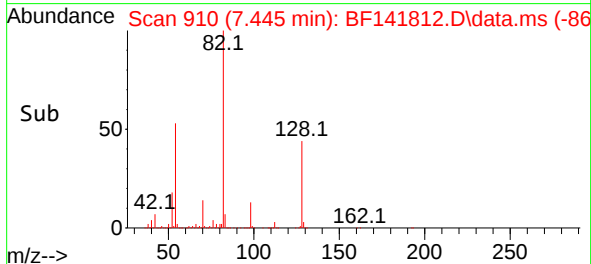
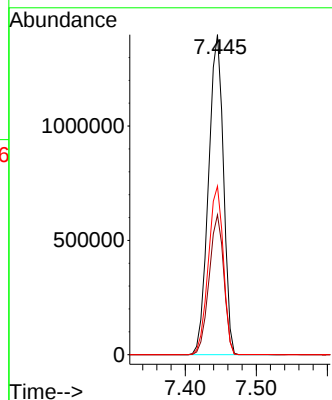
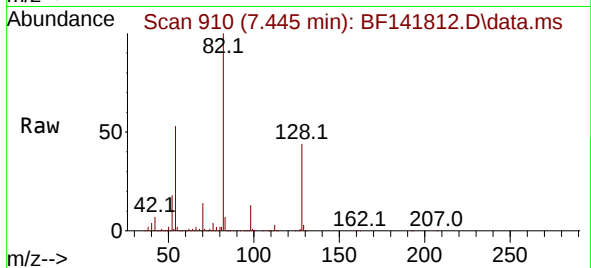
BNA_F

ClientSampleId :

PB166948BL

Tgt Ion: 82 Resp: 2047675

Ion	Ratio	Lower	Upper
82	100		
128	43.7	33.5	50.3
54	52.6	42.7	64.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1331

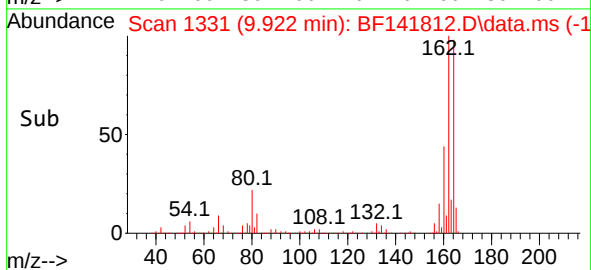
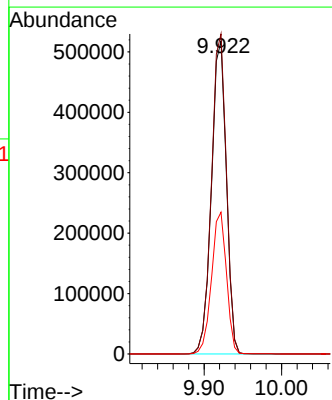
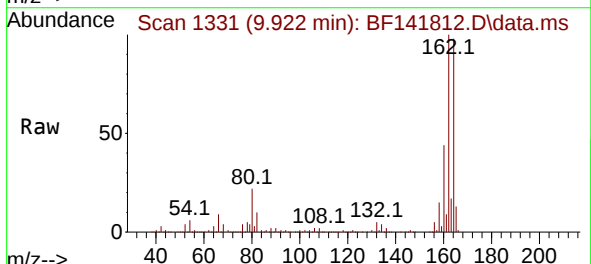
Delta R.T. -0.006 min

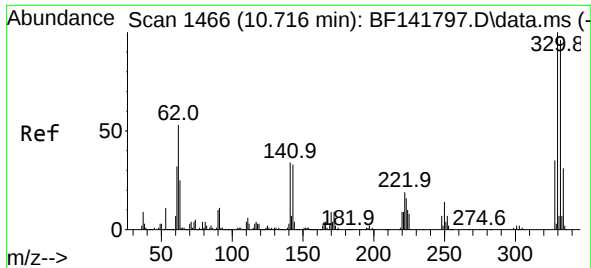
Lab File: BF141812.D

Acq: 03 Mar 2025 14:46

Tgt Ion: 164 Resp: 692288

Ion	Ratio	Lower	Upper
164	100		
162	102.2	80.6	120.8
160	45.3	36.3	54.5

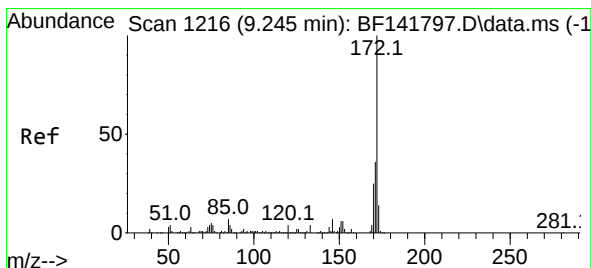
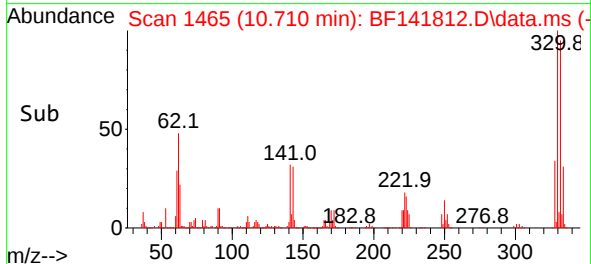
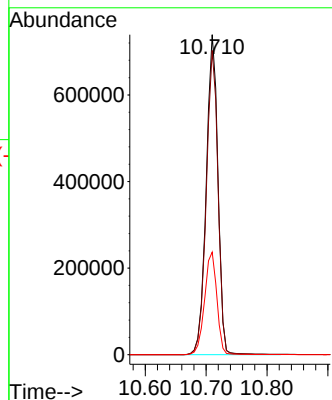
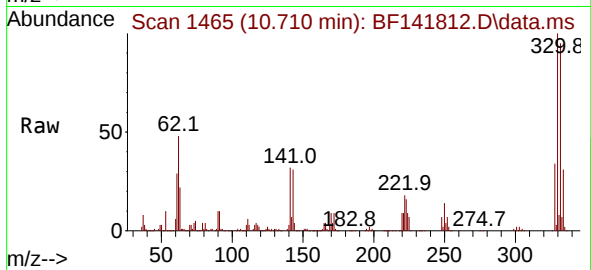




#42
2,4,6-Tribromophenol
Concen: 152.239 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF141812.D
Acq: 03 Mar 2025 14:46

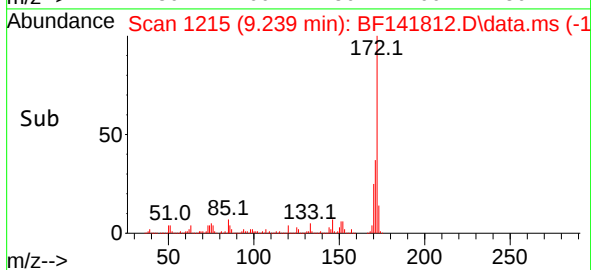
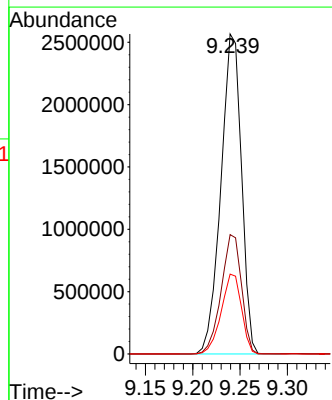
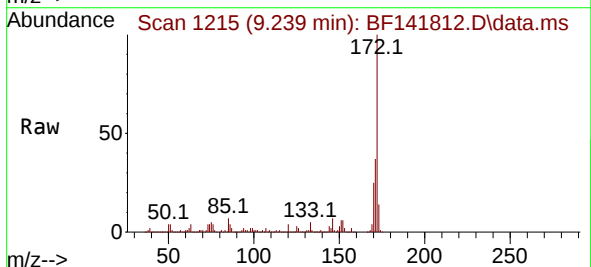
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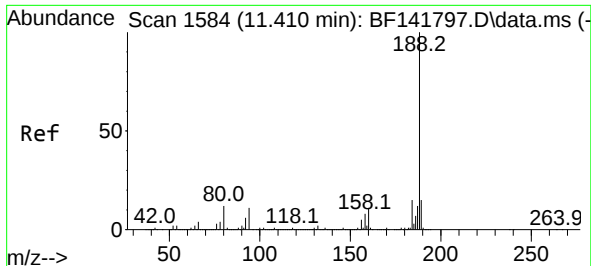
Tgt Ion:330 Resp: 989452
Ion Ratio Lower Upper
330 100
332 95.4 76.6 115.0
141 33.6 29.0 43.4



#45
2-Fluorobiphenyl
Concen: 89.890 ng
RT: 9.239 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF141812.D
Acq: 03 Mar 2025 14:46

Tgt Ion:172 Resp: 3881018
Ion Ratio Lower Upper
172 100
171 37.3 29.2 43.8
170 24.9 19.7 29.5

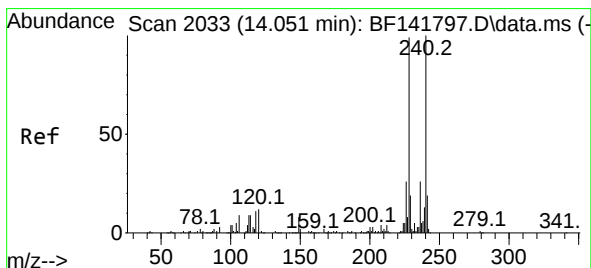
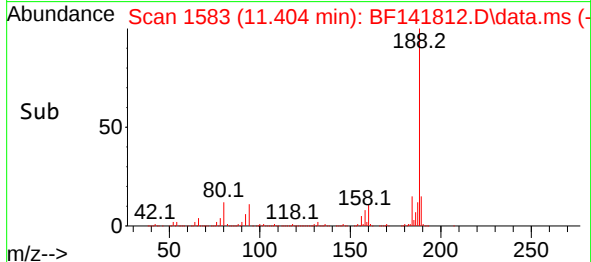
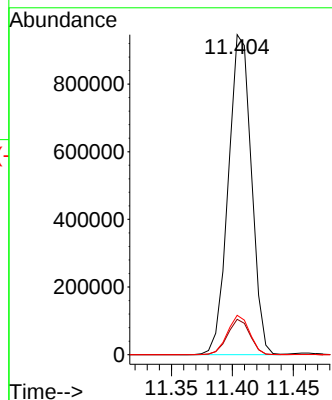
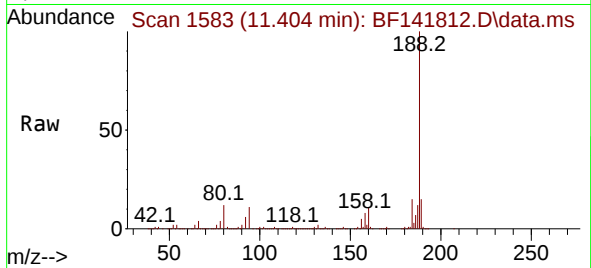




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141812.D
Acq: 03 Mar 2025 14:46

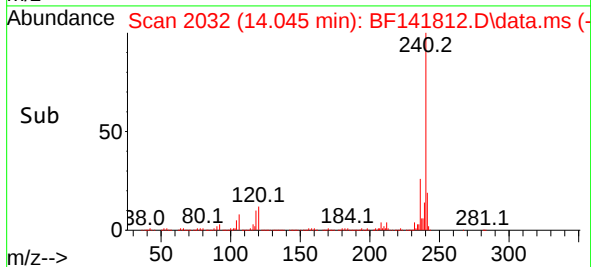
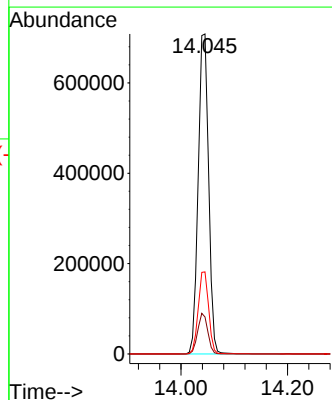
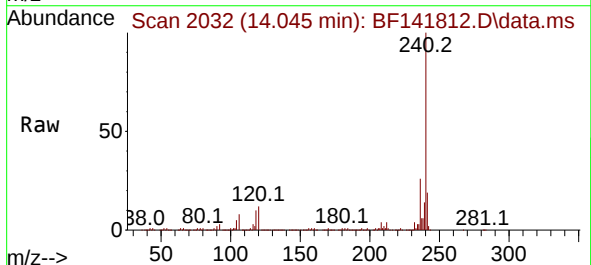
Instrument :
BNA_F
ClientSampleId :
PB166948BL

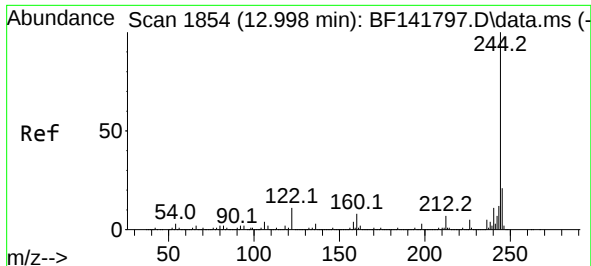
Tgt Ion:188 Resp: 1249627
Ion Ratio Lower Upper
188 100
94 11.0 8.9 13.3
80 12.3 9.7 14.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF141812.D
Acq: 03 Mar 2025 14:46

Tgt Ion:240 Resp: 959363
Ion Ratio Lower Upper
240 100
120 11.5 9.7 14.5
236 25.7 21.0 31.4

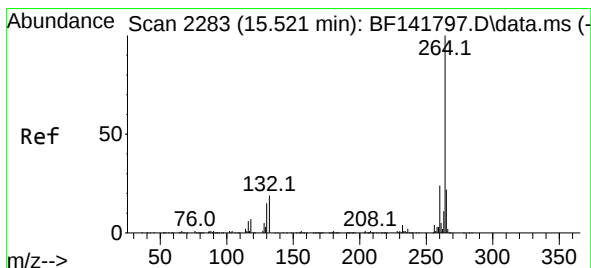
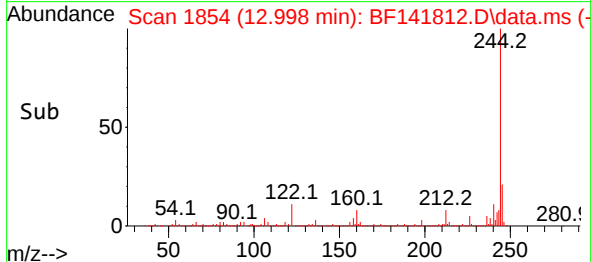
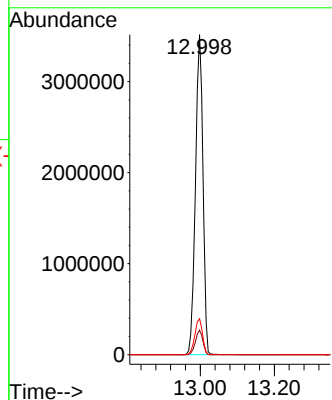
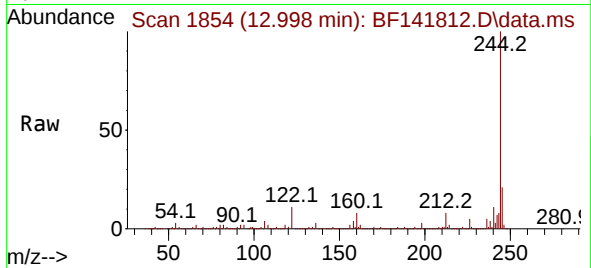




#79
 Terphenyl-d14
 Concen: 83.181 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. -0.000 min
 Lab File: BF141812.D
 Acq: 03 Mar 2025 14:46

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 4932297
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.0 9.0
 122 11.3 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 2282
 Delta R.T. -0.006 min
 Lab File: BF141812.D
 Acq: 03 Mar 2025 14:46

Tgt Ion:264 Resp: 722543
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.9 28.3
 265 21.6 17.4 26.0

