

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011525\
 Data File : BF141166.D
 Acq On : 15 Jan 2025 10:52
 Operator : RC/JU
 Sample : PB166026TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166026TB

Quant Time: Jan 15 11:13:56 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	6.822	152	143758	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	562525	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	296485	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	497926	20.000	ng	0.00
76) Chrysene-d12	13.980	240	383243	20.000	ng	0.00
86) Perylene-d12	15.439	264	298053	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1321613	142.019	ng	0.00
7) Phenol-d6	6.445	99	1660833	140.893	ng	0.00
23) Nitrobenzene-d5	7.381	82	1057819	99.681	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	513225	151.920	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1934713	99.647	ng	0.00
79) Terphenyl-d14	12.933	244	2211260	85.758	ng	0.00

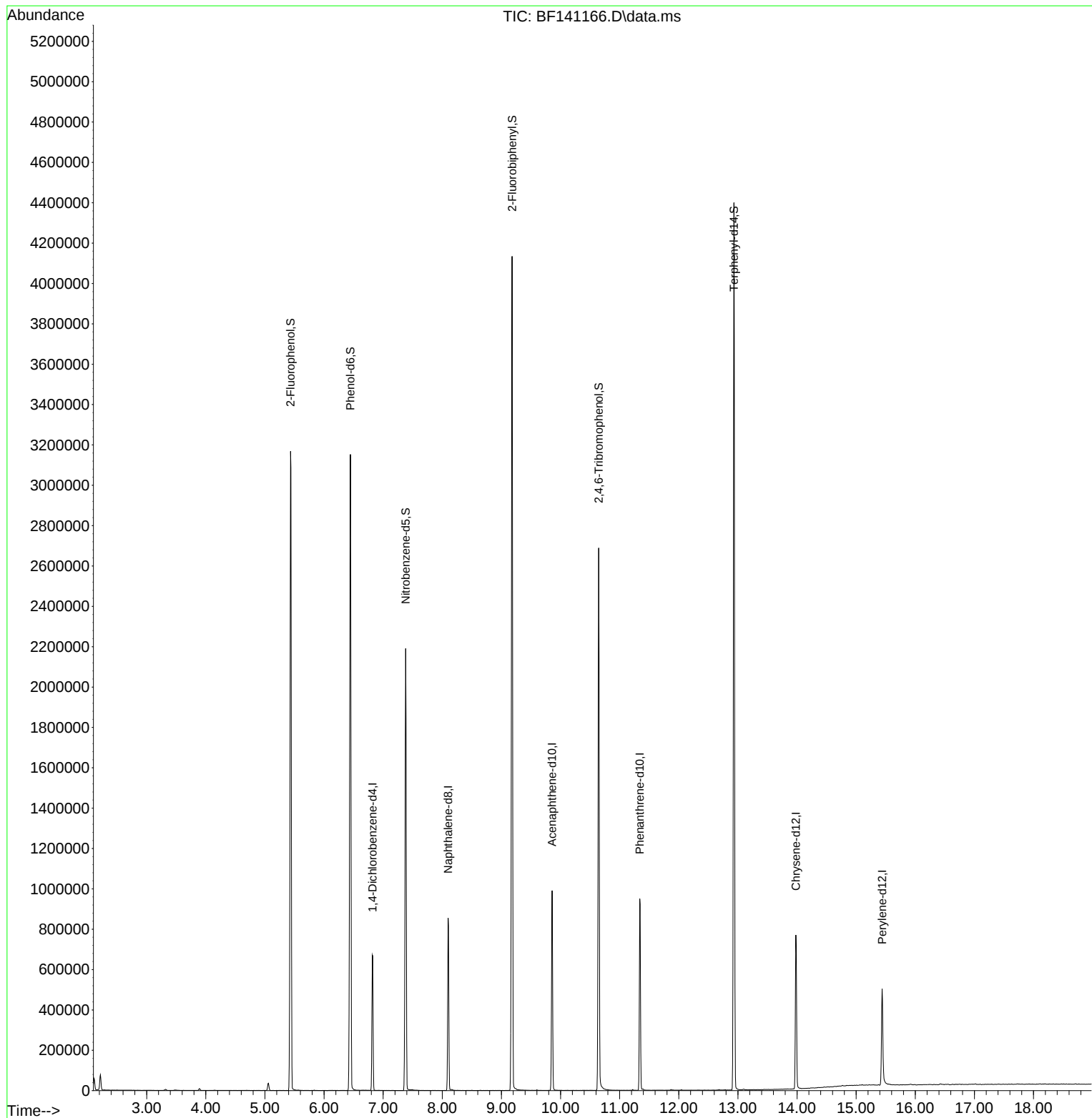
Target Compounds	Qvalue

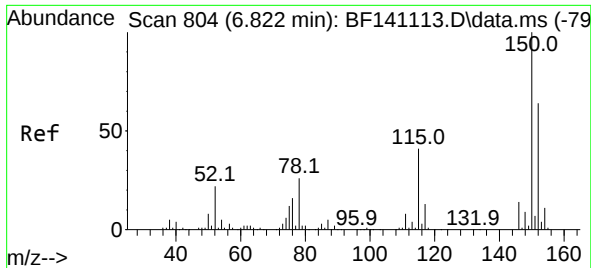
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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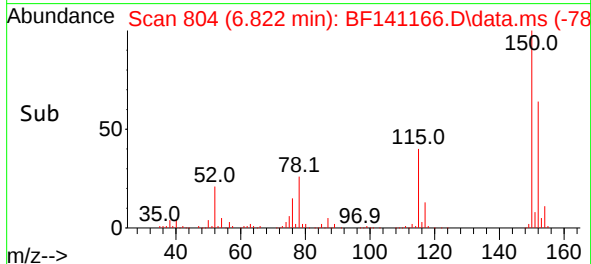
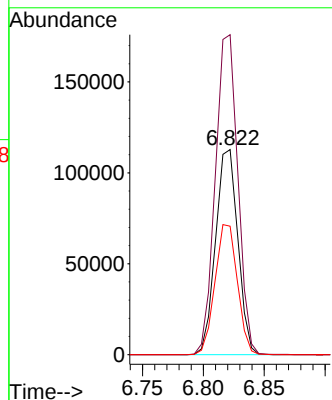
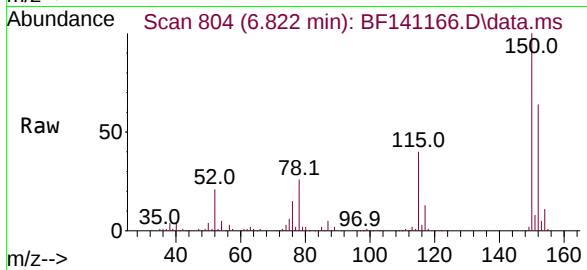




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF141166.D
Acq: 15 Jan 2025 10:52

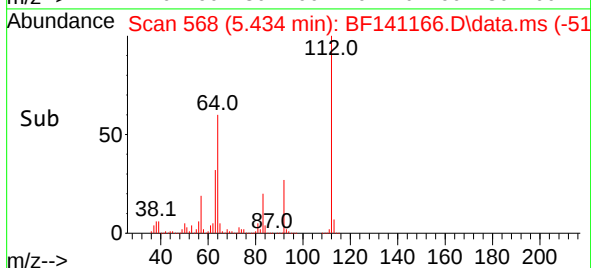
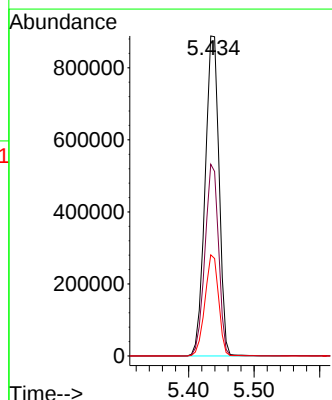
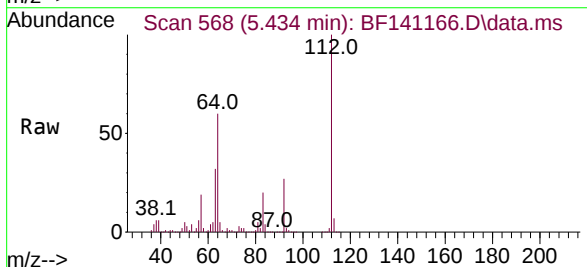
Instrument :
BNA_F
ClientSampleId :
PB166026TB

Tgt Ion:152 Resp: 143758
Ion Ratio Lower Upper
152 100
150 156.1 125.8 188.8
115 62.7 51.4 77.2



#5
2-Fluorophenol
Concen: 142.019 ng
RT: 5.434 min Scan# 568
Delta R.T. 0.006 min
Lab File: BF141166.D
Acq: 15 Jan 2025 10:52

Tgt Ion:112 Resp: 1321613
Ion Ratio Lower Upper
112 100
64 59.9 47.3 70.9
63 31.6 24.2 36.2



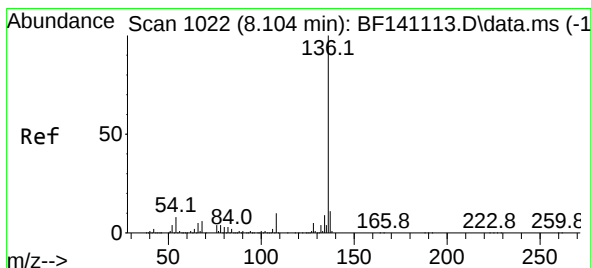
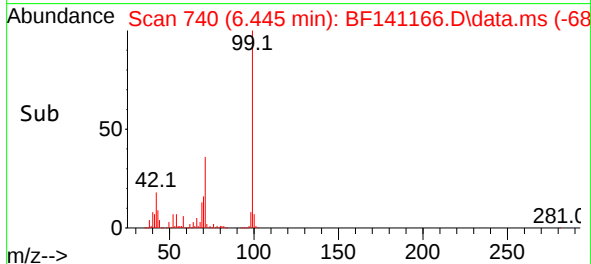
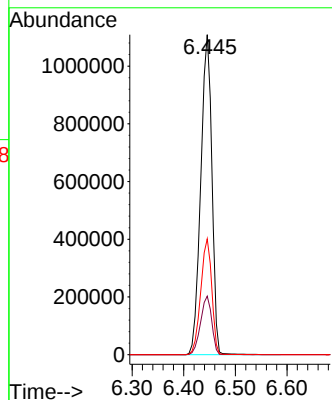
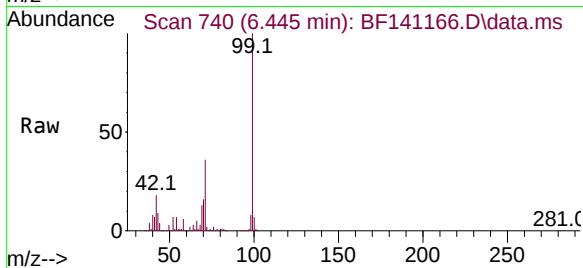


#7
Phenol-d6
Concen: 140.893 ng
RT: 6.445 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF141166.D
Acq: 15 Jan 2025 10:52

Instrument :
BNA_F
ClientSampleId :
PB166026TB

Tgt Ion: 99 Resp: 1660833

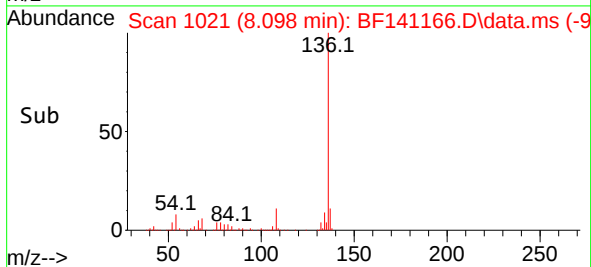
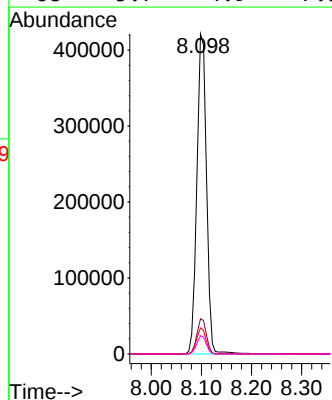
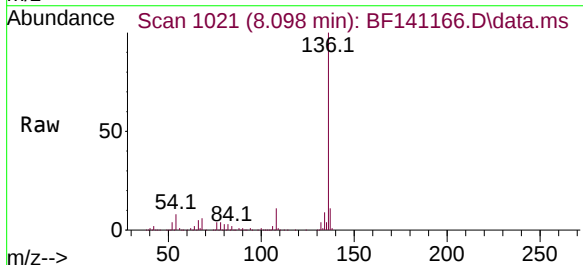
Ion	Ratio	Lower	Upper
99	100		
42	18.3	15.0	22.4
71	36.2	27.6	41.4

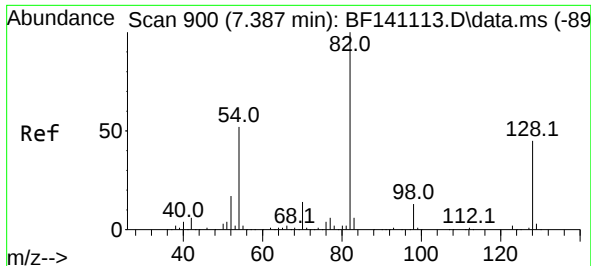


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF141166.D
Acq: 15 Jan 2025 10:52

Tgt Ion: 136 Resp: 562525

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.2	6.3	9.5
68	5.7	4.9	7.3

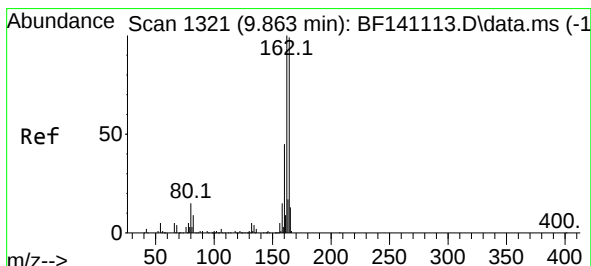
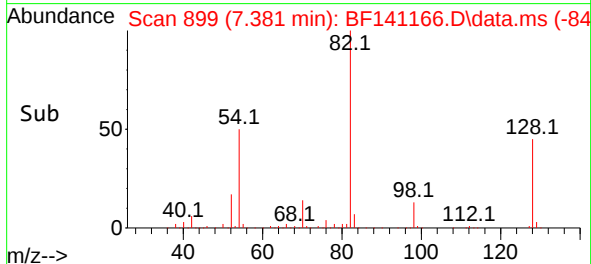
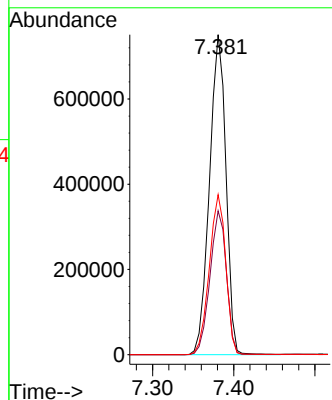
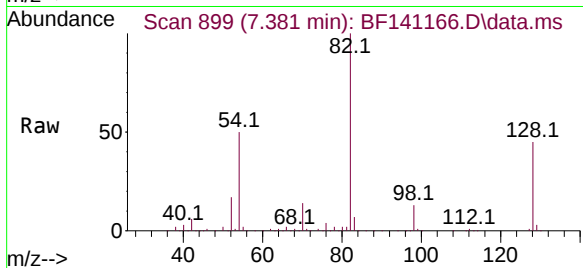




#23
Nitrobenzene-d5
Concen: 99.681 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF141166.D
Acq: 15 Jan 2025 10:52

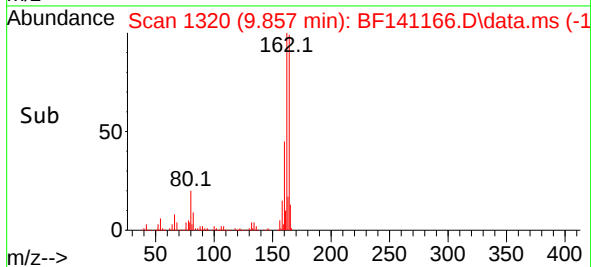
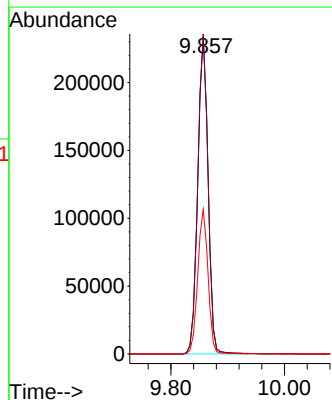
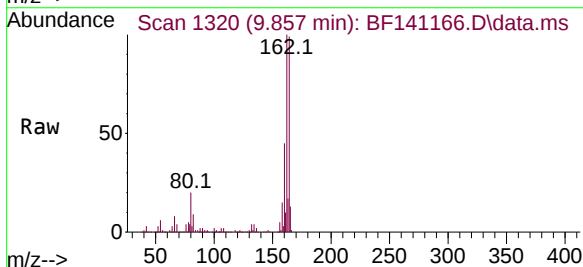
Instrument :
BNA_F
ClientSampleId :
PB166026TB

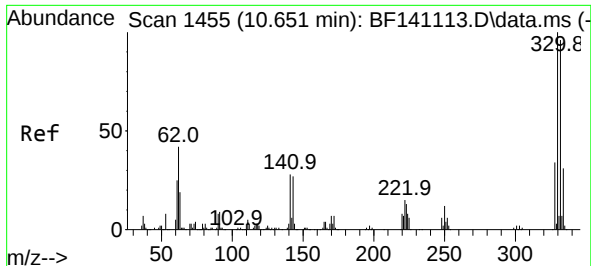
Tgt Ion: 82 Resp: 1057819
Ion Ratio Lower Upper
82 100
128 45.0 36.1 54.1
54 50.0 41.0 61.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF141166.D
Acq: 15 Jan 2025 10:52

Tgt Ion:164 Resp: 296485
Ion Ratio Lower Upper
164 100
162 100.8 81.0 121.4
160 45.5 36.1 54.1

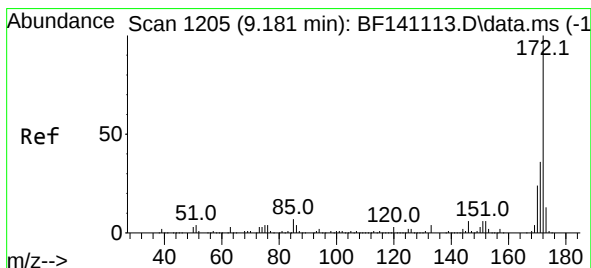
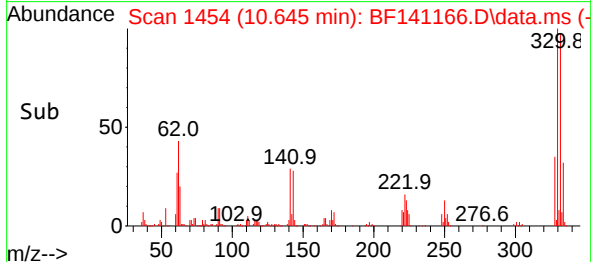
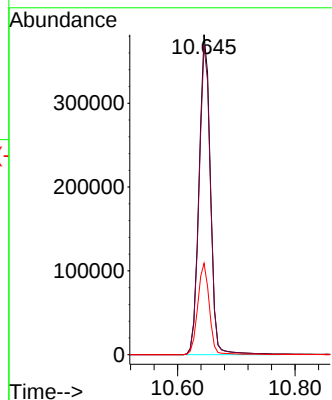
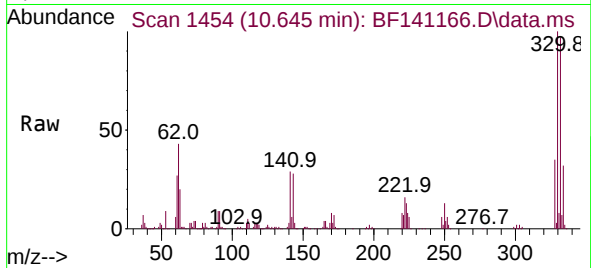




#42
2,4,6-Tribromophenol
Concen: 151.920 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BF141166.D
Acq: 15 Jan 2025 10:52

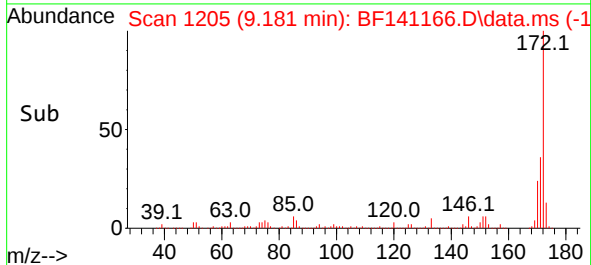
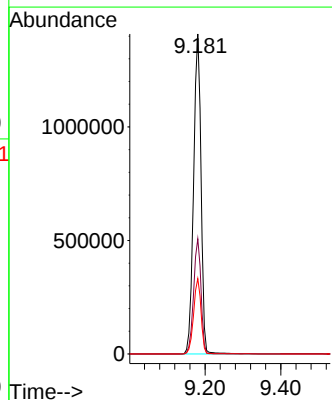
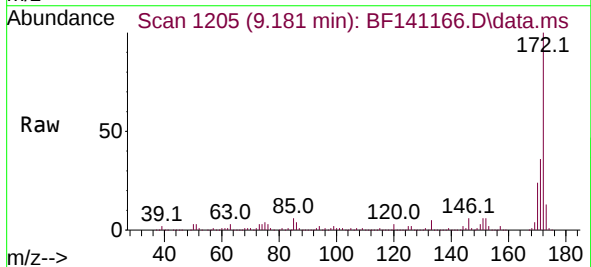
Instrument :
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PB166026TB

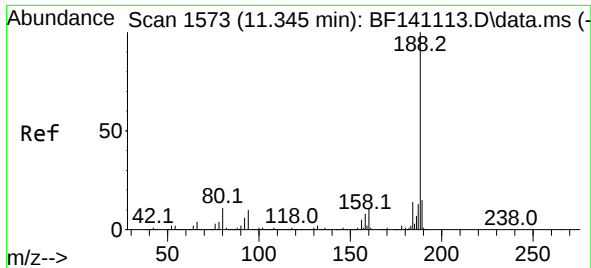
Tgt Ion:330 Resp: 513225
Ion Ratio Lower Upper
330 100
332 97.0 76.9 115.3
141 28.8 25.2 37.8



#45
2-Fluorobiphenyl
Concen: 99.647 ng
RT: 9.181 min Scan# 1205
Delta R.T. 0.000 min
Lab File: BF141166.D
Acq: 15 Jan 2025 10:52

Tgt Ion:172 Resp: 1934713
Ion Ratio Lower Upper
172 100
171 36.0 28.7 43.1
170 23.6 19.0 28.6

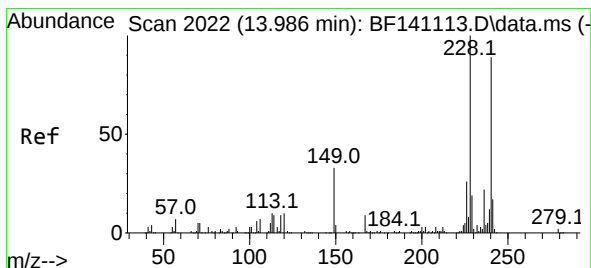
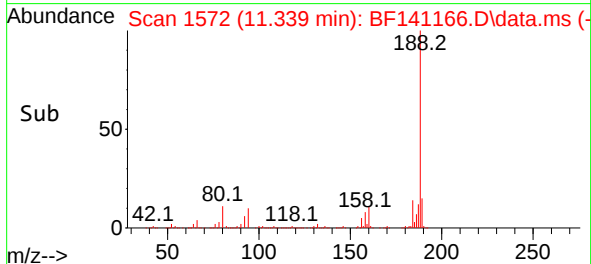
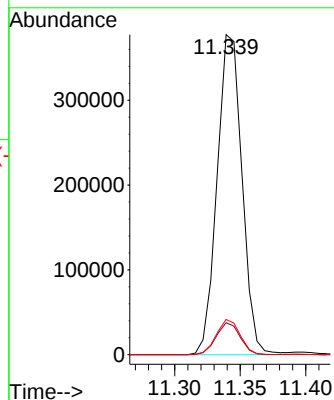
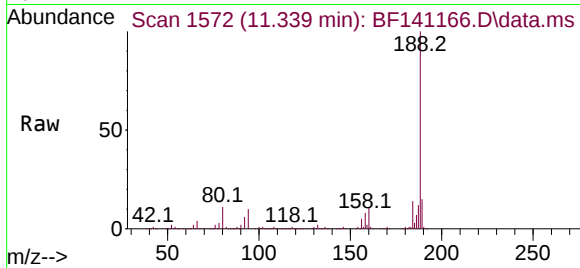




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141166.D
Acq: 15 Jan 2025 10:52

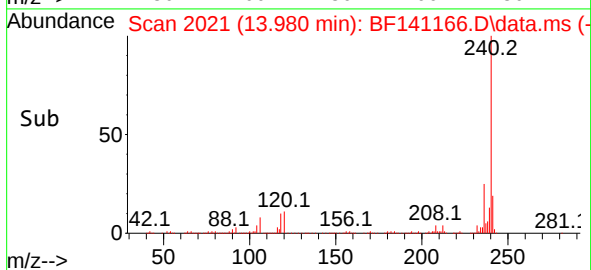
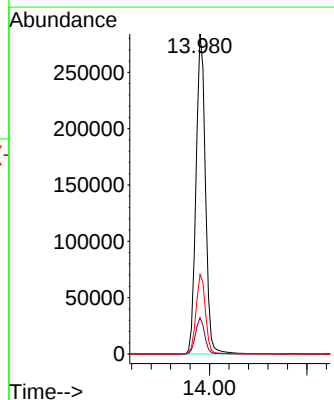
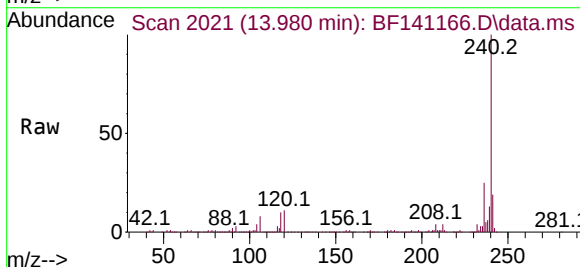
Instrument :
BNA_F
ClientSampleId :
PB166026TB

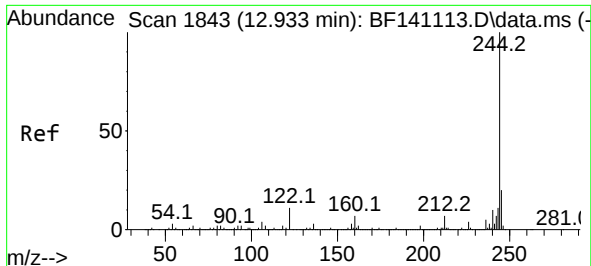
Tgt Ion:188 Resp: 497926
Ion Ratio Lower Upper
188 100
94 10.0 8.3 12.5
80 11.0 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF141166.D
Acq: 15 Jan 2025 10:52

Tgt Ion:240 Resp: 383243
Ion Ratio Lower Upper
240 100
120 11.3 9.1 13.7
236 24.8 19.8 29.6

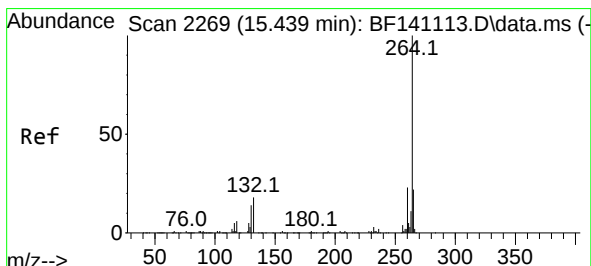
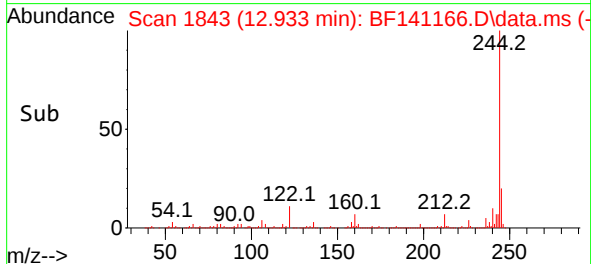
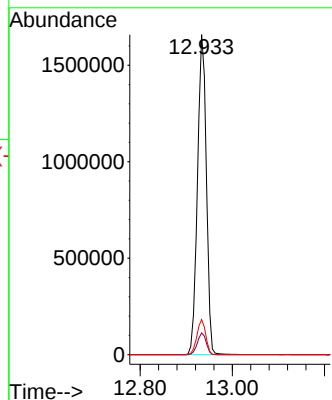
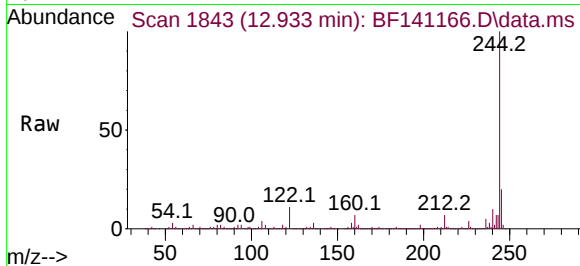




#79
 Terphenyl-d14
 Concen: 85.758 ng
 RT: 12.933 min Scan# 1843
 Delta R.T. 0.000 min
 Lab File: BF141166.D
 Acq: 15 Jan 2025 10:52

Instrument :
 BNA_F
 ClientSampleId :
 PB166026TB

Tgt Ion:244 Resp: 2211260
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 10.9 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 2269
 Delta R.T. 0.000 min
 Lab File: BF141166.D
 Acq: 15 Jan 2025 10:52

Tgt Ion:264 Resp: 298053
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.6 28.0
 265 21.4 17.4 26.0

