

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011325\
 Data File : BF141133.D
 Acq On : 13 Jan 2025 18:22
 Operator : RC/JU
 Sample : PB166000BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166000BL

Quant Time: Jan 14 08:52:48 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	6.816	152	176893	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	708516	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	382545	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	671036	20.000	ng	0.00
76) Chrysene-d12	13.980	240	480819	20.000	ng	0.00
86) Perylene-d12	15.439	264	379591	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1327623	115.941	ng	0.01
7) Phenol-d6	6.440	99	1625186	112.044	ng	0.00
23) Nitrobenzene-d5	7.375	82	1071160	80.140	ng	-0.01
42) 2,4,6-Tribromophenol	10.645	330	551694	126.569	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	2019228	80.604	ng	0.00
79) Terphenyl-d14	12.933	244	2437071	75.335	ng	0.00

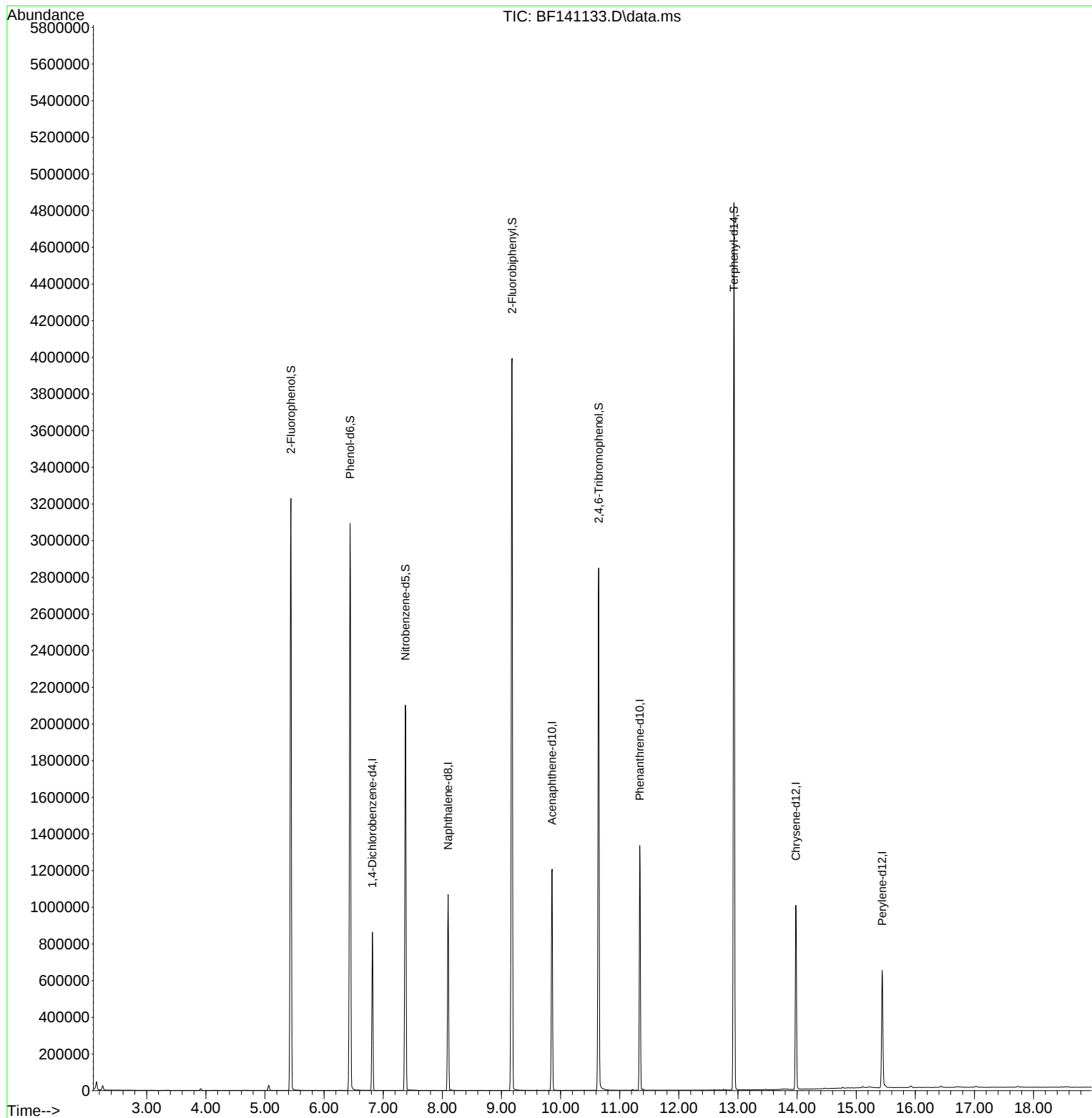
Target Compounds	Qvalue

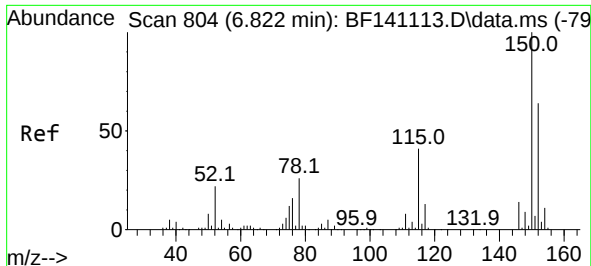
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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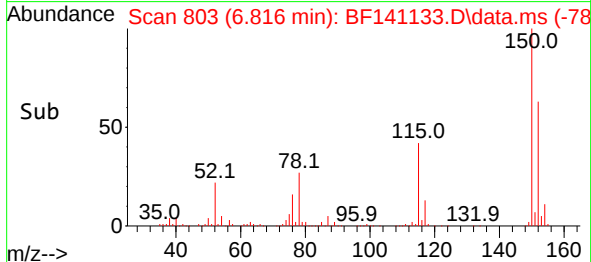
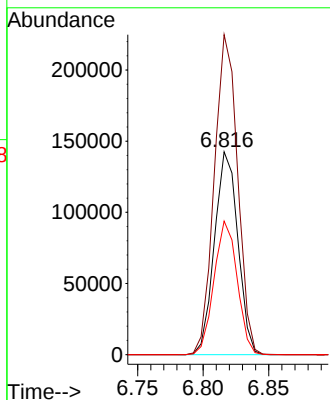
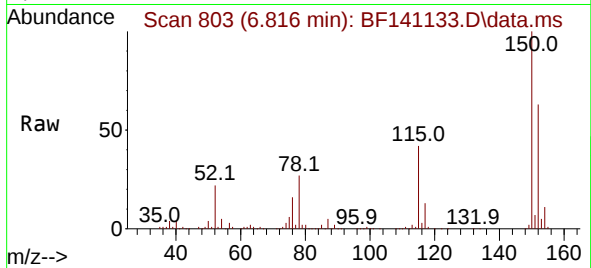




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF141113.D
Acq: 13 Jan 2025 18:22

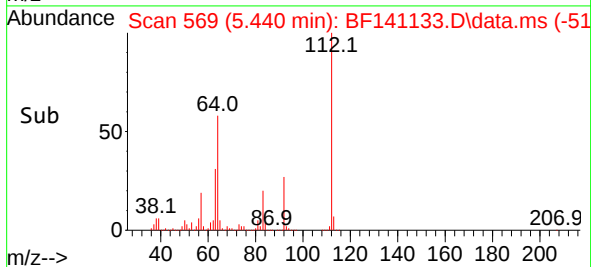
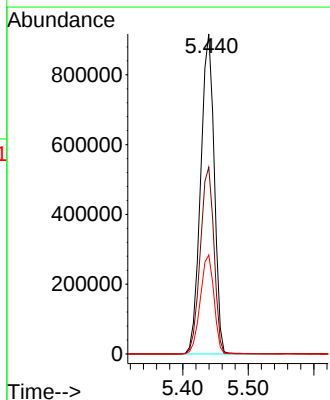
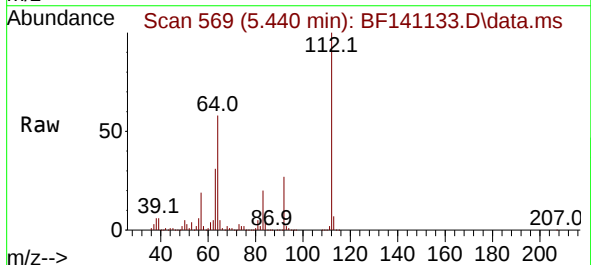
Instrument :
BNA_F
ClientSampleId :
PB166000BL

Tgt Ion:152 Resp: 176893
Ion Ratio Lower Upper
152 100
150 157.7 125.8 188.8
115 65.8 51.4 77.2



#5
2-Fluorophenol
Concen: 115.941 ng
RT: 5.440 min Scan# 569
Delta R.T. 0.012 min
Lab File: BF141113.D
Acq: 13 Jan 2025 18:22

Tgt Ion:112 Resp: 1327623
Ion Ratio Lower Upper
112 100
64 58.4 47.3 70.9
63 30.9 24.2 36.2

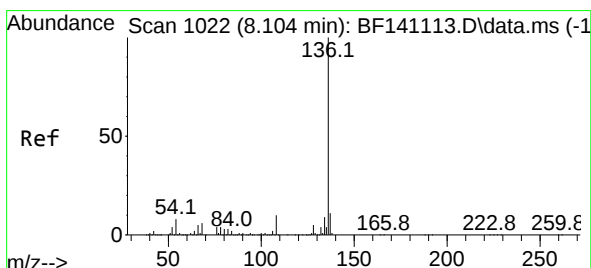
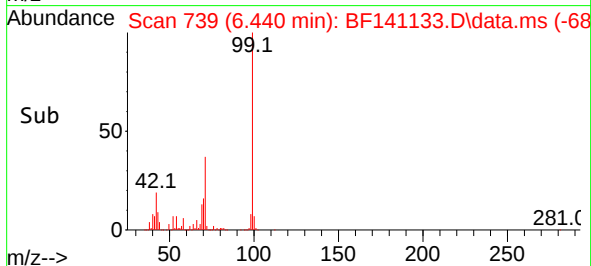
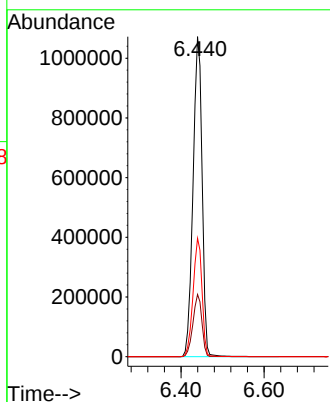
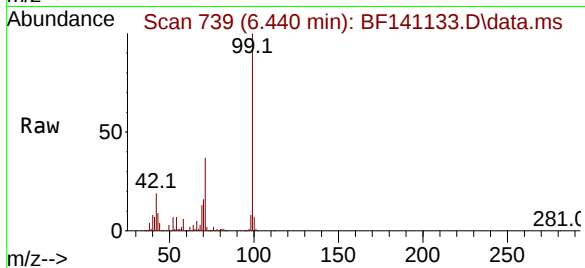




#7
Phenol-d6
Concen: 112.044 ng
RT: 6.440 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF141113.D
Acq: 13 Jan 2025 18:22

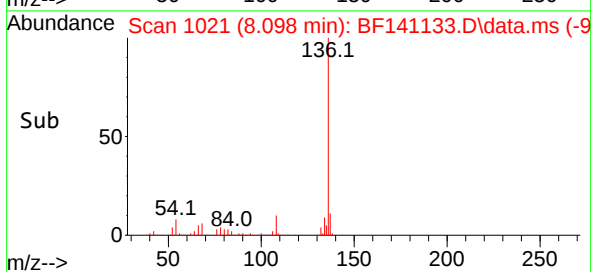
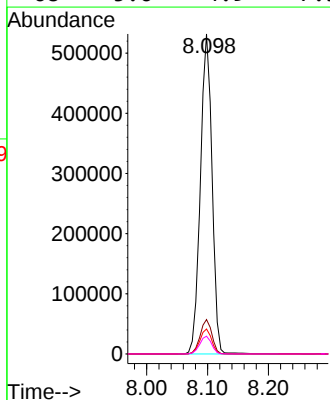
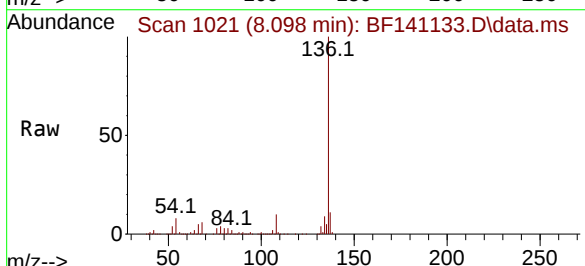
Instrument :
BNA_F
ClientSampleId :
PB166000BL

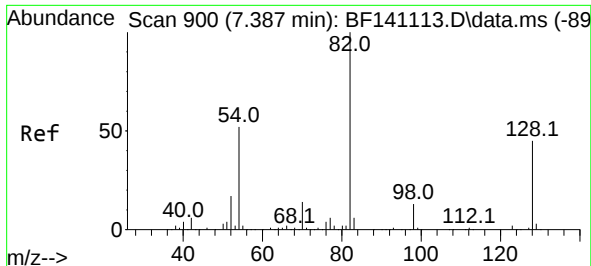
Tgt Ion: 99 Resp: 1625186
Ion Ratio Lower Upper
99 100
42 19.4 15.0 22.4
71 37.0 27.6 41.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF141113.D
Acq: 13 Jan 2025 18:22

Tgt Ion:136 Resp: 708516
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.8 6.3 9.5
68 5.6 4.9 7.3

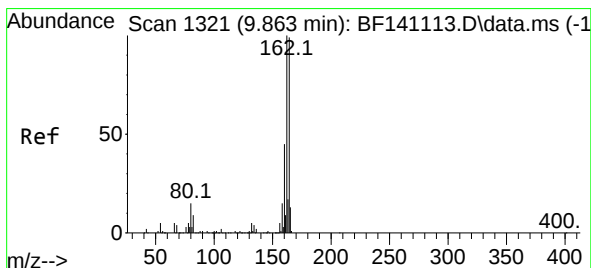
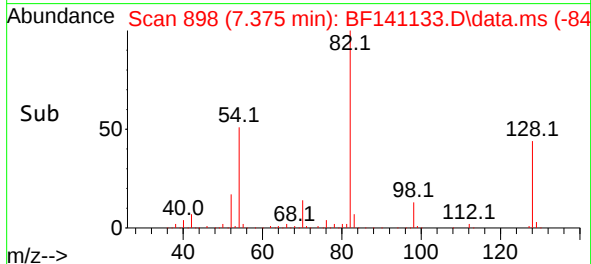
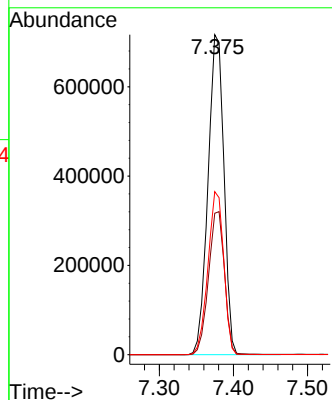
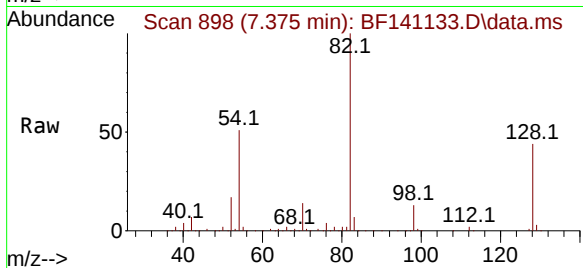




#23
Nitrobenzene-d5
Concen: 80.140 ng
RT: 7.375 min Scan# 89
Delta R.T. -0.012 min
Lab File: BF141113.D
Acq: 13 Jan 2025 18:22

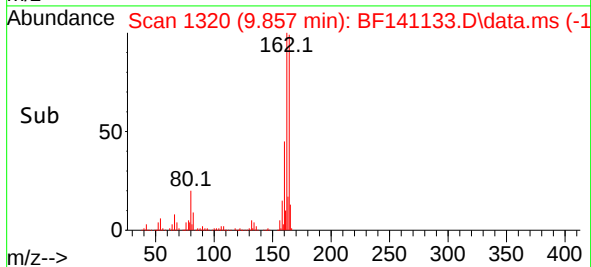
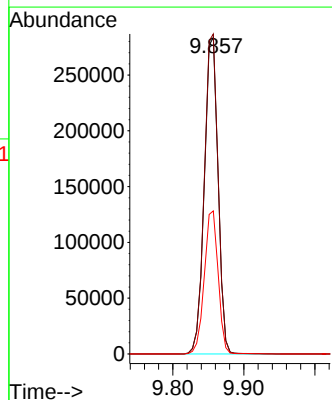
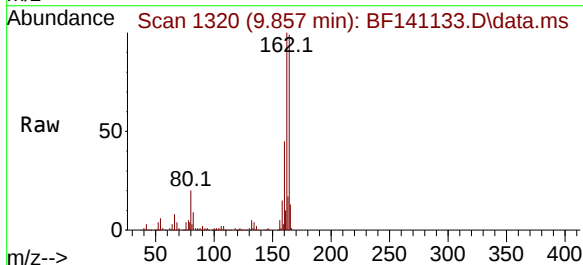
Instrument :
BNA_F
ClientSampleId :
PB166000BL

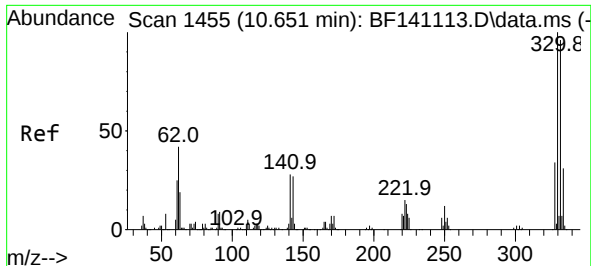
Tgt Ion: 82 Resp: 1071160
Ion Ratio Lower Upper
82 100
128 44.2 36.1 54.1
54 50.9 41.0 61.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF141113.D
Acq: 13 Jan 2025 18:22

Tgt Ion:164 Resp: 382545
Ion Ratio Lower Upper
164 100
162 101.1 81.0 121.4
160 45.2 36.1 54.1

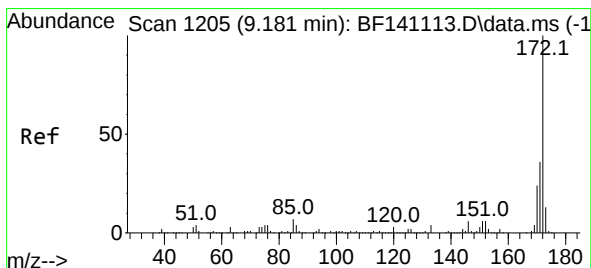
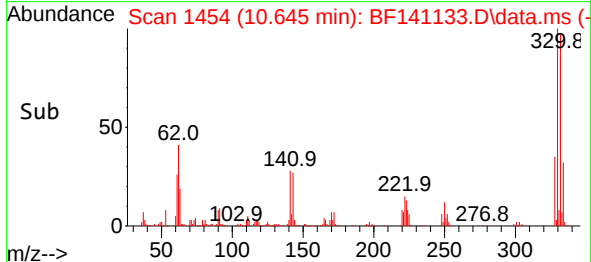
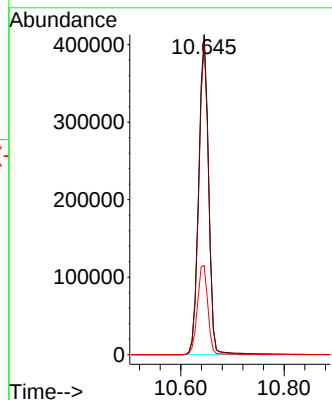
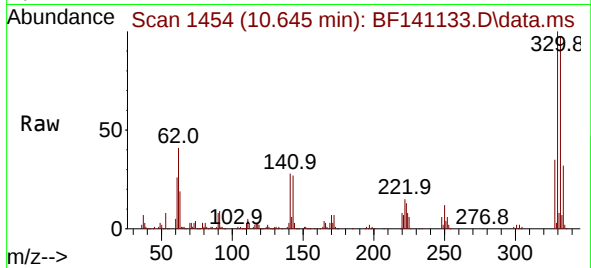




#42
 2,4,6-Tribromophenol
 Concen: 126.569 ng
 RT: 10.645 min Scan# 1455
 Delta R.T. -0.006 min
 Lab File: BF141113.D
 Acq: 13 Jan 2025 18:22

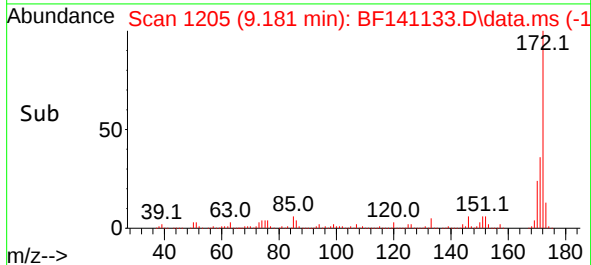
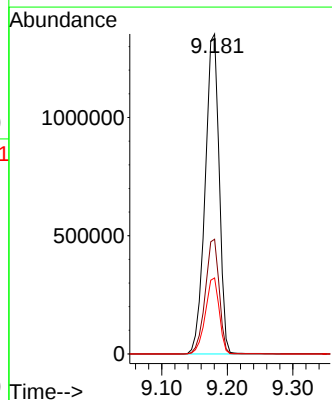
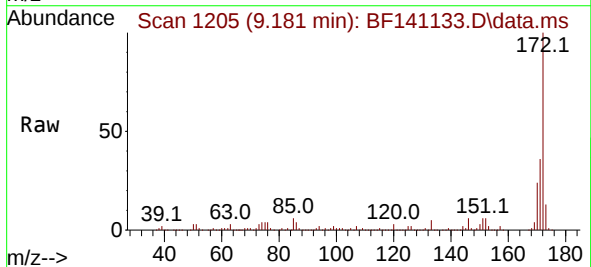
Instrument :
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 ClientSampleId :
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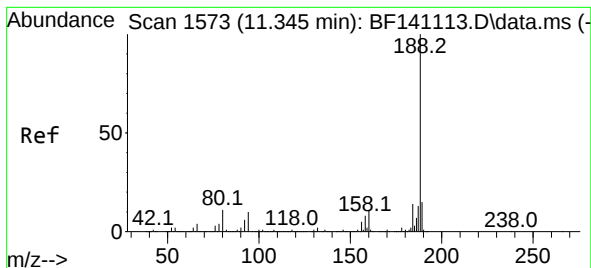
Tgt Ion:330 Resp: 551694
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.9 115.3
 141 29.5 25.2 37.8



#45
 2-Fluorobiphenyl
 Concen: 80.604 ng
 RT: 9.181 min Scan# 1205
 Delta R.T. 0.000 min
 Lab File: BF141113.D
 Acq: 13 Jan 2025 18:22

Tgt Ion:172 Resp: 2019228
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.7 43.1
 170 23.7 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.339 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141113.D

Acq: 13 Jan 2025 18:22

Instrument :

BNA_F

ClientSampleId :

PB166000BL

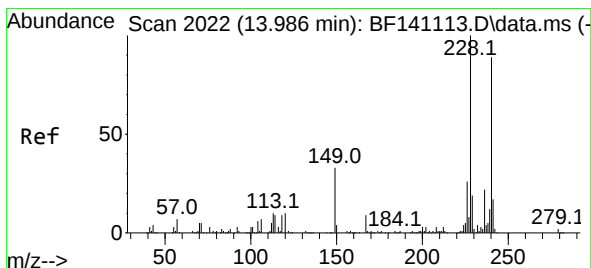
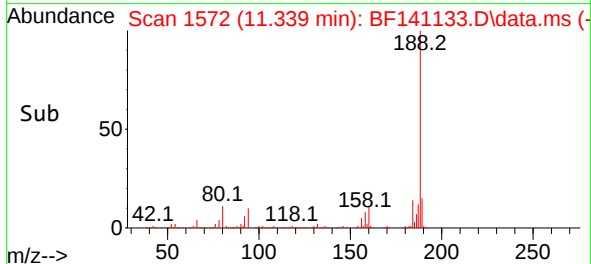
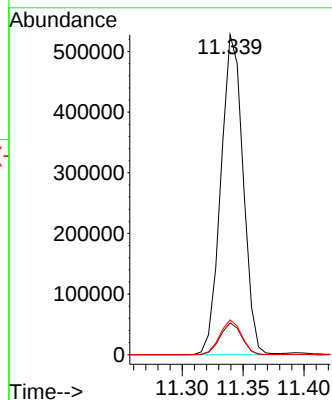
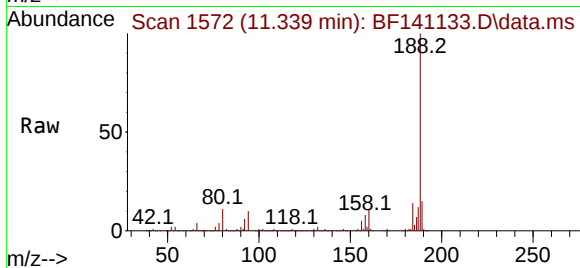
Tgt Ion:188 Resp: 671036

Ion Ratio Lower Upper

188 100

94 9.9 8.3 12.5

80 10.9 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: BF141113.D

Acq: 13 Jan 2025 18:22

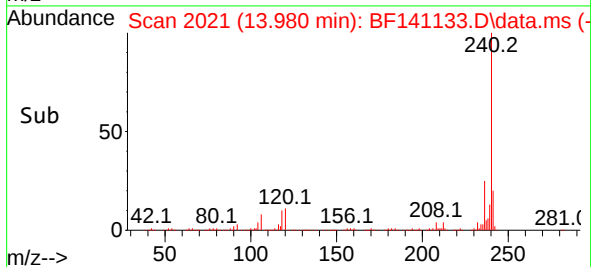
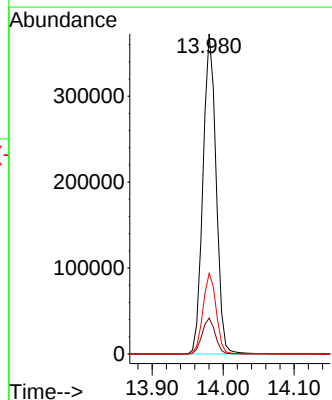
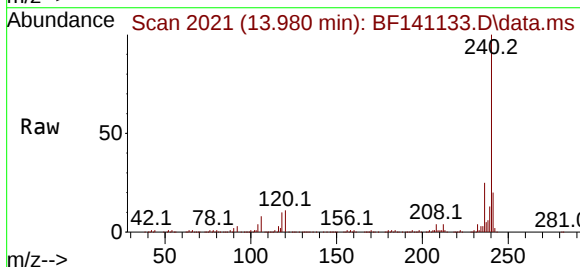
Tgt Ion:240 Resp: 480819

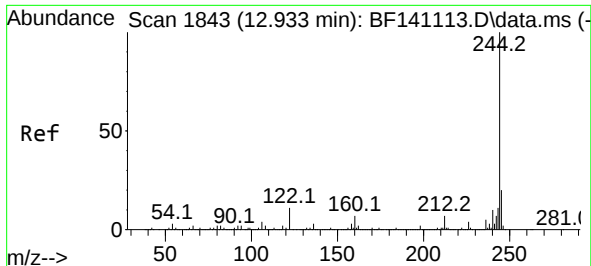
Ion Ratio Lower Upper

240 100

120 11.2 9.1 13.7

236 25.2 19.8 29.6

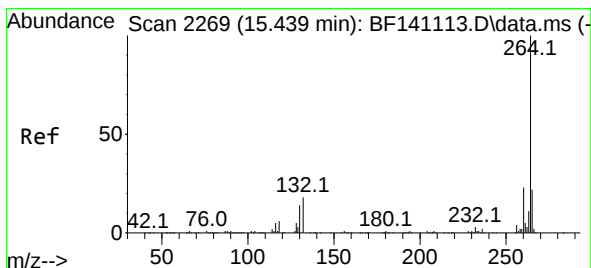
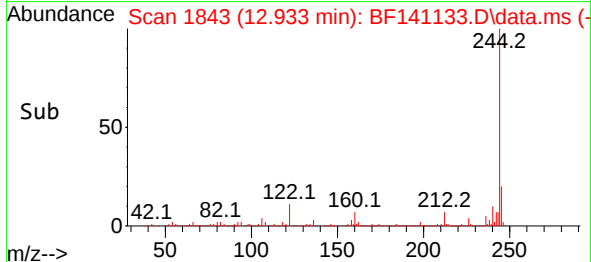
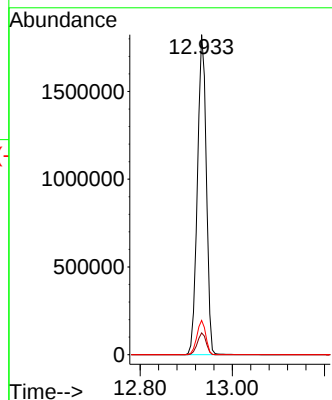
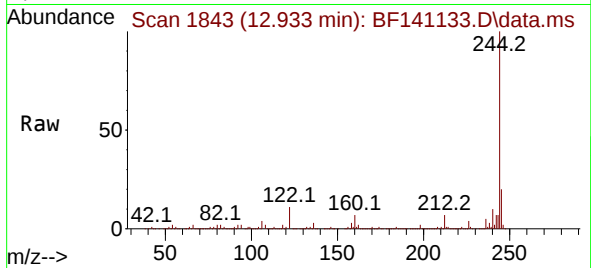




#79
 Terphenyl-d14
 Concen: 75.335 ng
 RT: 12.933 min Scan# 1843
 Delta R.T. 0.000 min
 Lab File: BF141113.D
 Acq: 13 Jan 2025 18:22

Instrument :
 BNA_F
 ClientSampleId :
 PB166000BL

Tgt Ion:244 Resp: 2437071
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 10.7 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: BF141113.D
 Acq: 13 Jan 2025 18:22

Tgt Ion:264 Resp: 379591
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.6 28.0
 265 21.8 17.4 26.0

