

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
 Data File : BF141365.D
 Acq On : 03 Feb 2025 13:10
 Operator : RC/JU
 Sample : PB166468BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166468BL

Quant Time: Feb 03 13:32:45 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	104898	20.000	ng	-0.01
21) Naphthalene-d8	8.075	136	387295	20.000	ng	-0.01
39) Acenaphthene-d10	9.827	164	211991	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	385856	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	346296	20.000	ng	-0.02
86) Perylene-d12	15.415	264	292363	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	656604	96.095	ng	0.01
7) Phenol-d6	6.434	99	834121	95.961	ng	0.00
23) Nitrobenzene-d5	7.357	82	734171	99.931	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	191945	98.764	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1308711	95.021	ng	-0.01
79) Terphenyl-d14	12.910	244	1677375	74.700	ng	0.00

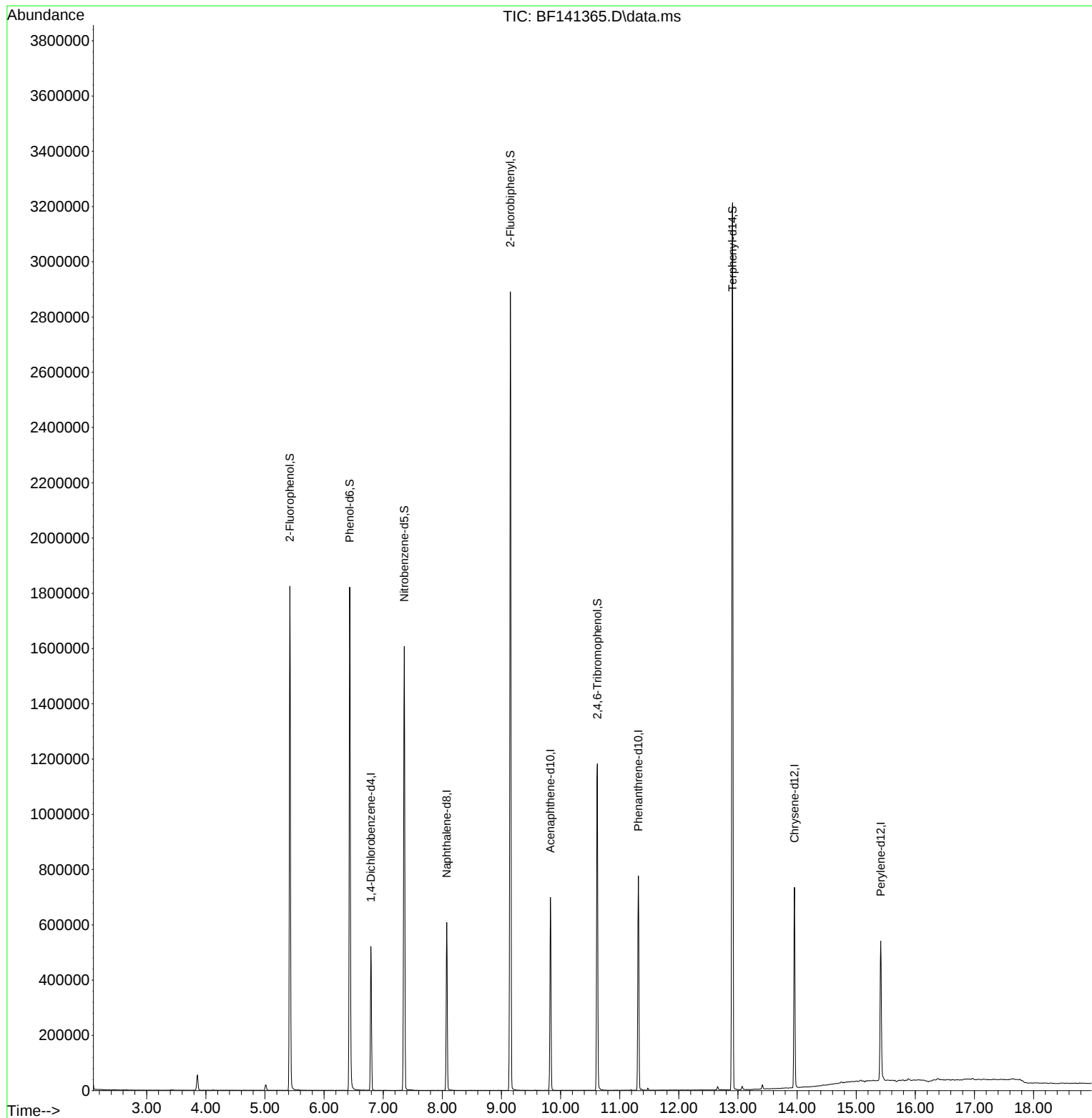
Target Compounds	Qvalue

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

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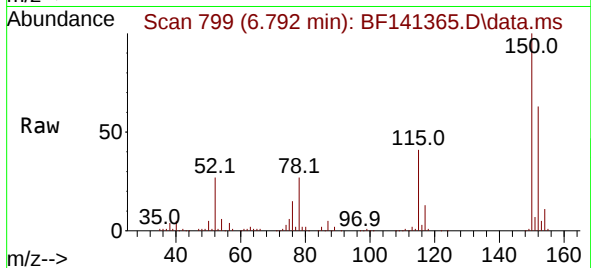
Quant Time: Feb 03 13:32:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
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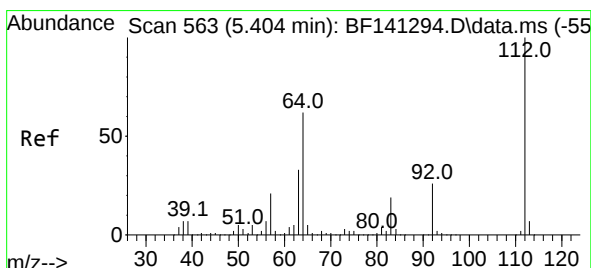
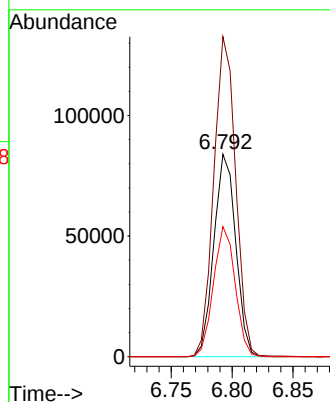
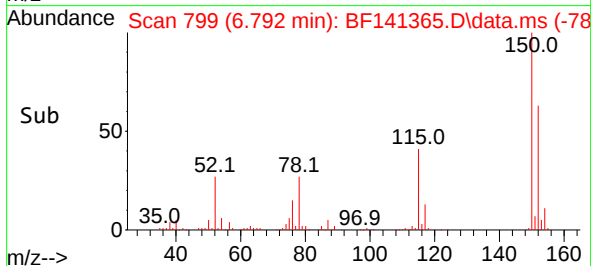


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 79
Delta R.T. -0.012 min
Lab File: BF141365.D
Acq: 03 Feb 2025 13:10

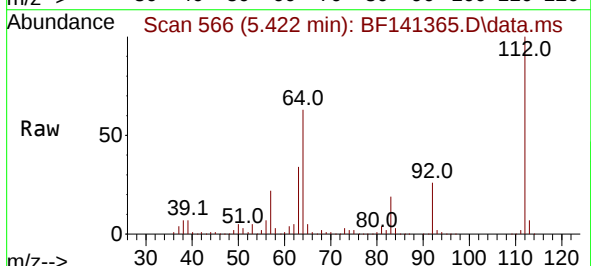
Instrument :
BNA_F
ClientSampleId :
PB166468BL



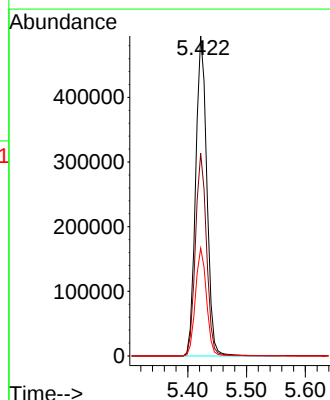
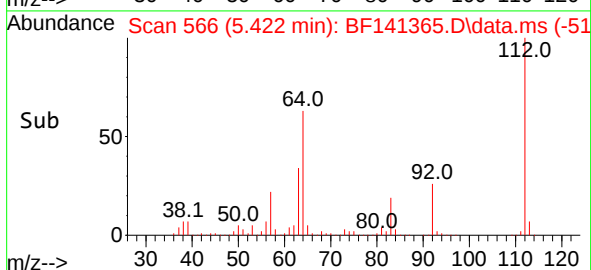
Tgt Ion:152 Resp: 104898
Ion Ratio Lower Upper
152 100
150 158.2 125.9 188.9
115 64.3 49.7 74.5

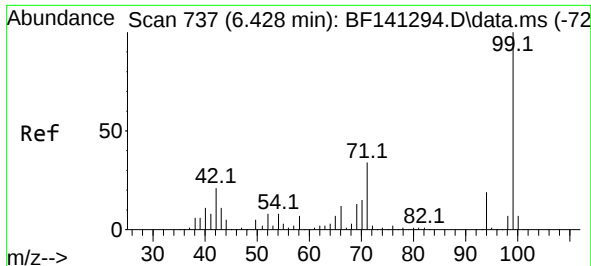


#5
2-Fluorophenol
Concen: 96.095 ng
RT: 5.422 min Scan# 566
Delta R.T. 0.012 min
Lab File: BF141365.D
Acq: 03 Feb 2025 13:10



Tgt Ion:112 Resp: 656604
Ion Ratio Lower Upper
112 100
64 63.3 49.8 74.8
63 33.7 26.1 39.1

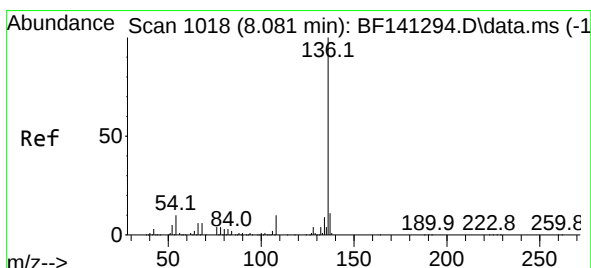
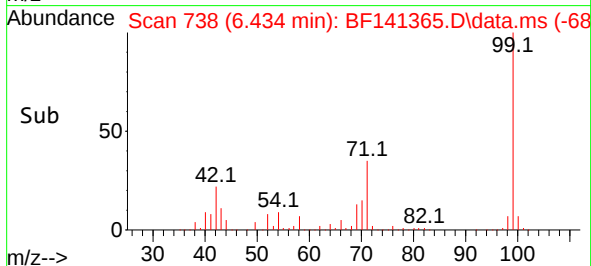
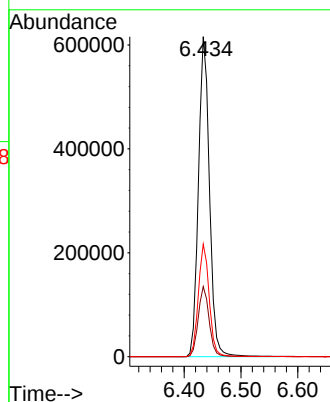
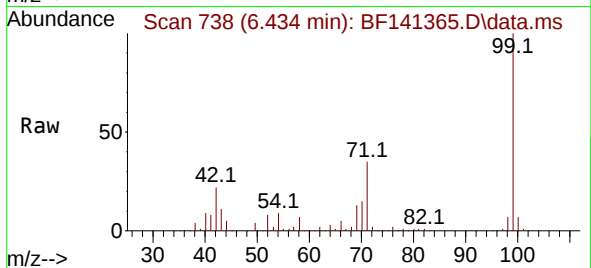




#7
Phenol-d6
Concen: 95.961 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141365.D
Acq: 03 Feb 2025 13:10

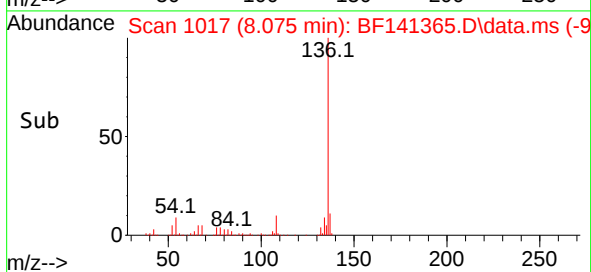
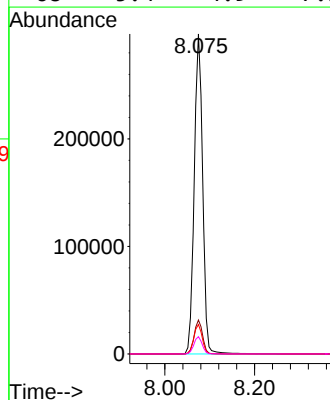
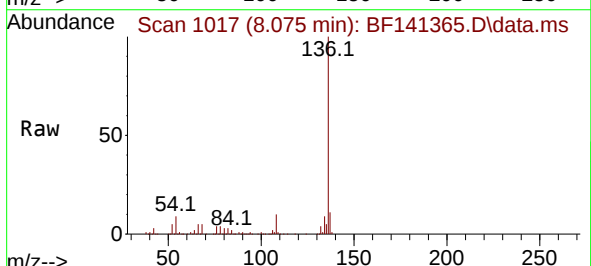
Instrument :
BNA_F
ClientSampleId :
PB166468BL

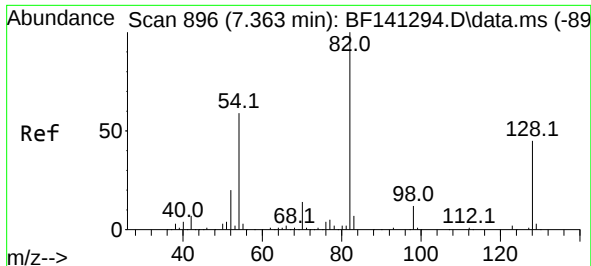
Tgt Ion: 99 Resp: 834121
Ion Ratio Lower Upper
99 100
42 21.9 17.1 25.7
71 35.2 26.9 40.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF141365.D
Acq: 03 Feb 2025 13:10

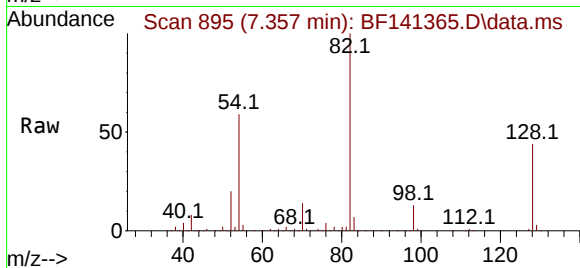
Tgt Ion: 136 Resp: 387295
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 9.2 7.8 11.8
68 5.4 4.9 7.3



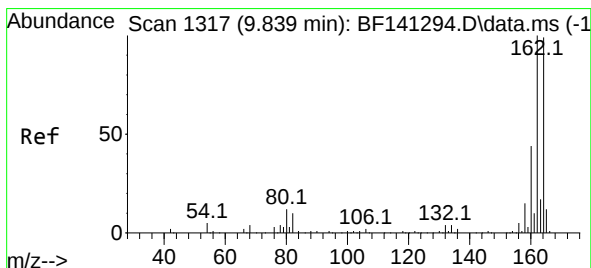
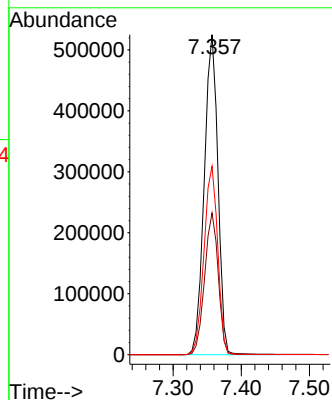
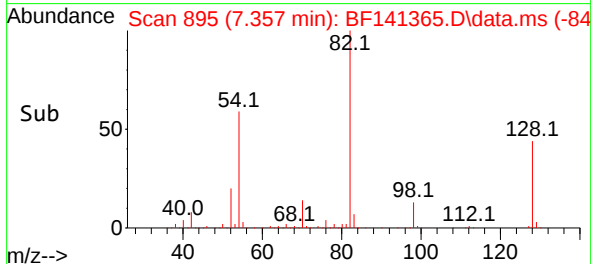


#23
 Nitrobenzene-d5
 Concen: 99.931 ng
 RT: 7.357 min Scan# 896
 Delta R.T. -0.012 min
 Lab File: BF141365.D
 Acq: 03 Feb 2025 13:10

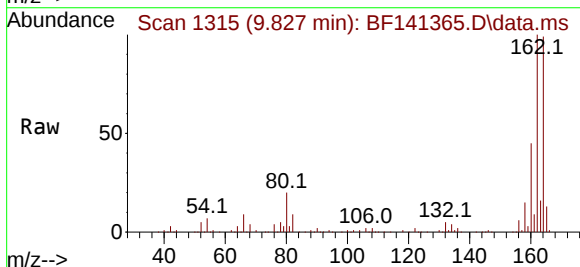
Instrument :
 BNA_F
 ClientSampleId :
 PB166468BL



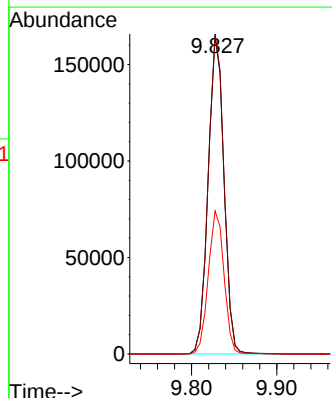
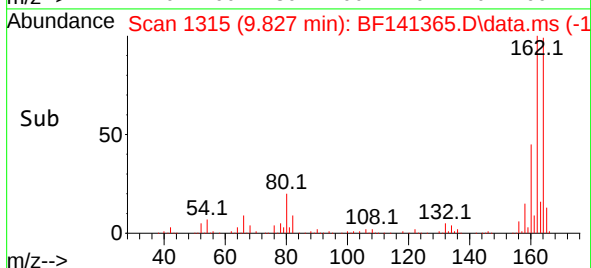
Tgt Ion: 82 Resp: 734171
 Ion Ratio Lower Upper
 82 100
 128 44.3 35.7 53.5
 54 58.8 47.1 70.7

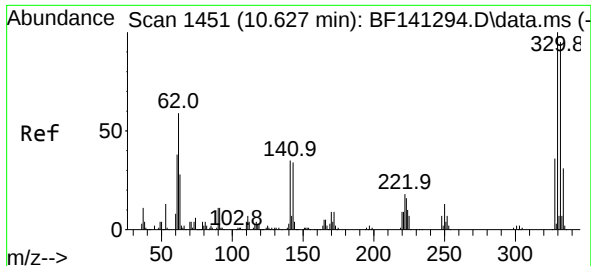


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.827 min Scan# 1315
 Delta R.T. -0.012 min
 Lab File: BF141365.D
 Acq: 03 Feb 2025 13:10



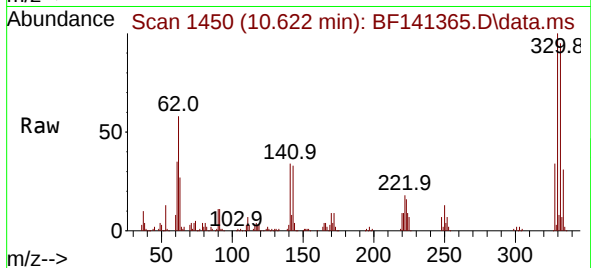
Tgt Ion: 164 Resp: 211991
 Ion Ratio Lower Upper
 164 100
 162 100.8 80.6 121.0
 160 45.1 35.8 53.6



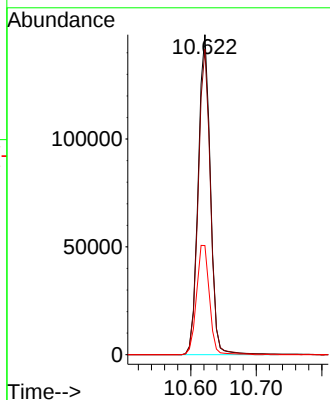
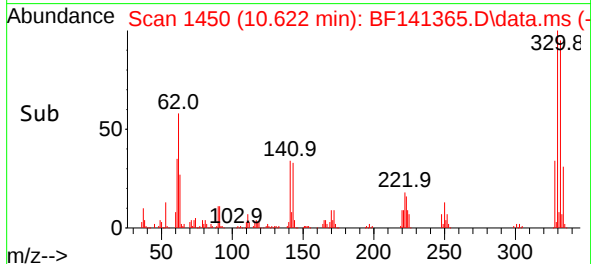


#42
2,4,6-Tribromophenol
Concen: 98.764 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF141365.D
Acq: 03 Feb 2025 13:10

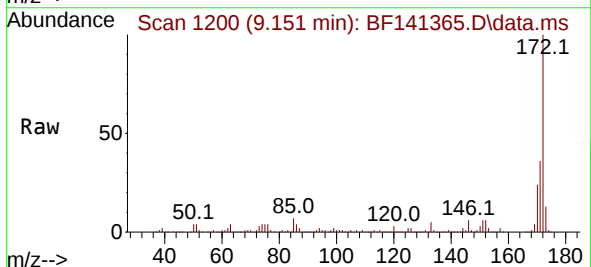
Instrument :
BNA_F
ClientSampleId :
PB166468BL



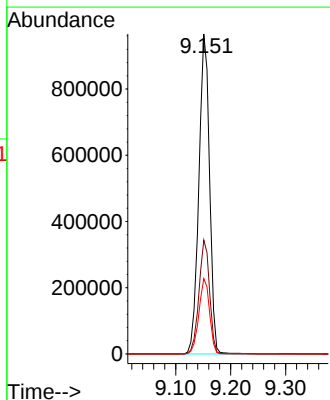
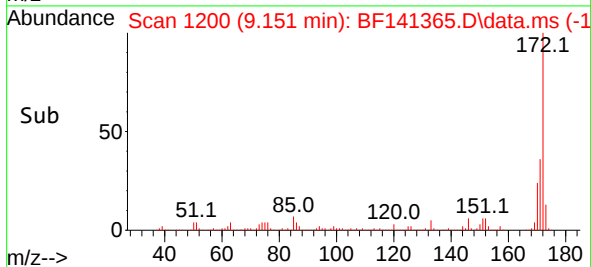
Tgt Ion:330 Resp: 191945
Ion Ratio Lower Upper
330 100
332 95.9 76.1 114.1
141 36.1 28.8 43.2

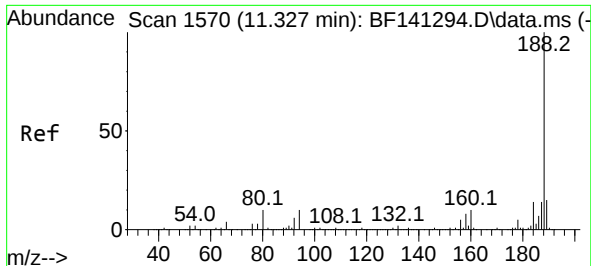


#45
2-Fluorobiphenyl
Concen: 95.021 ng
RT: 9.151 min Scan# 1200
Delta R.T. -0.012 min
Lab File: BF141365.D
Acq: 03 Feb 2025 13:10



Tgt Ion:172 Resp: 1308711
Ion Ratio Lower Upper
172 100
171 35.6 28.8 43.2
170 23.6 19.0 28.6

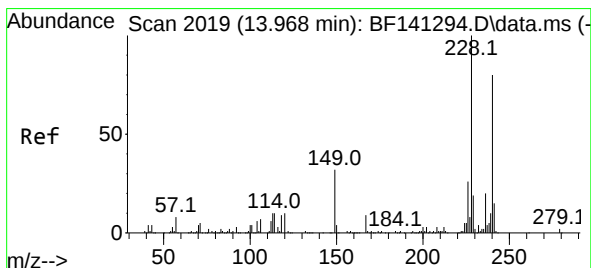
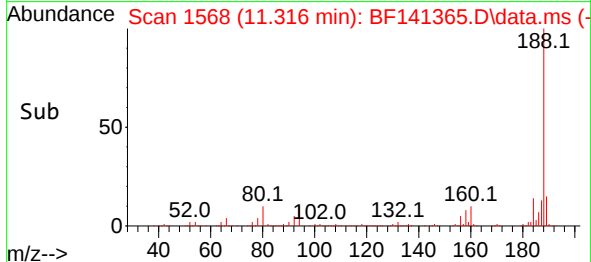
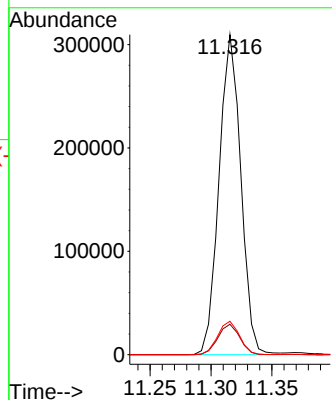
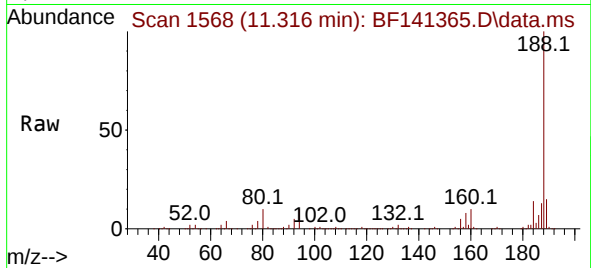




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141365.D
Acq: 03 Feb 2025 13:10

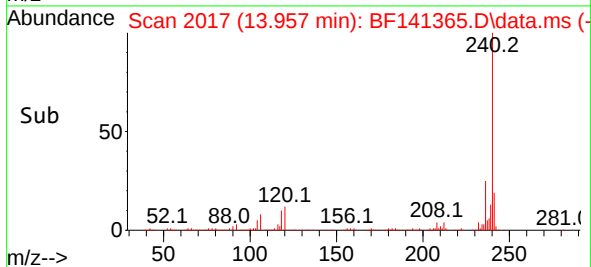
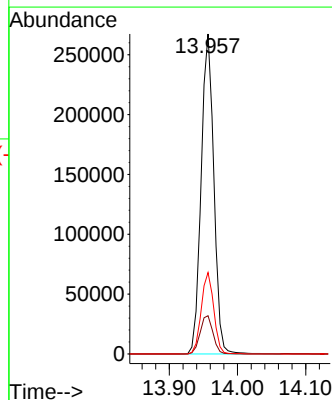
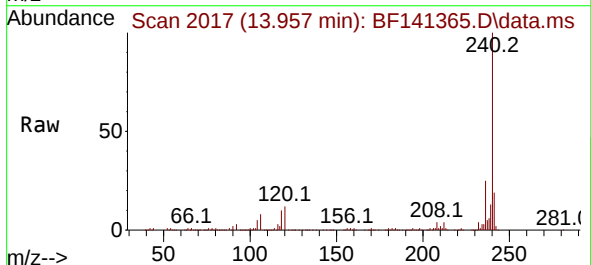
Instrument :
BNA_F
ClientSampleId :
PB166468BL

Tgt Ion:188 Resp: 385856
Ion Ratio Lower Upper
188 100
94 9.5 7.8 11.6
80 10.5 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.018 min
Lab File: BF141365.D
Acq: 03 Feb 2025 13:10

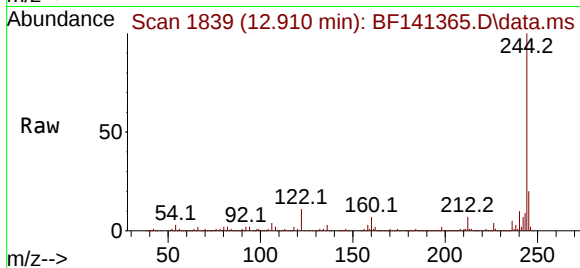
Tgt Ion:240 Resp: 346296
Ion Ratio Lower Upper
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120 11.9 10.0 15.0
236 25.5 19.7 29.5



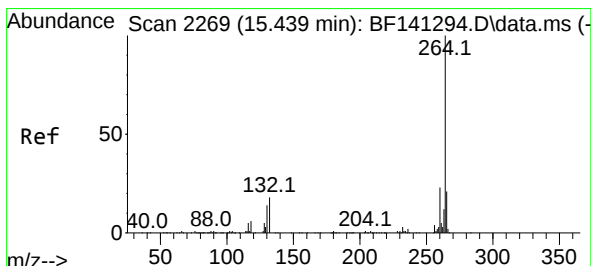
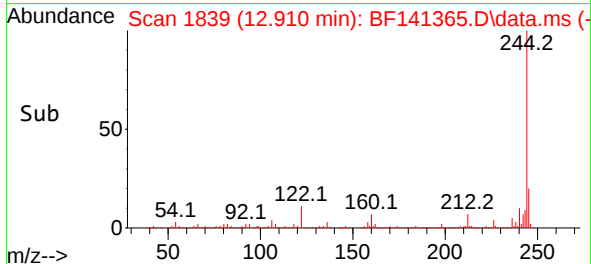
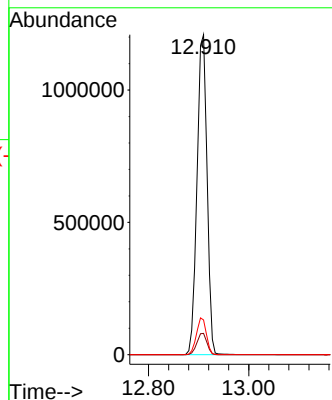


#79
 Terphenyl-d14
 Concen: 74.700 ng
 RT: 12.910 min Scan# 1839
 Delta R.T. -0.006 min
 Lab File: BF141365.D
 Acq: 03 Feb 2025 13:10

Instrument :
 BNA_F
 ClientSampleId :
 PB166468BL



Tgt Ion:244 Resp: 1677375
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 10.9 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.415 min Scan# 2265
 Delta R.T. -0.024 min
 Lab File: BF141365.D
 Acq: 03 Feb 2025 13:10

Tgt Ion:264 Resp: 292363
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.6 27.8
 265 21.4 16.7 25.1

