

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022525\
 Data File : BF141768.D
 Acq On : 25 Feb 2025 17:05
 Operator : RC/JU
 Sample : Q1415-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-172-SB01

Quant Time: Feb 25 17:26:36 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	68668	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	275032	20.000	ng	-0.01
39) Acenaphthene-d10	9.810	164	146934	20.000	ng	-0.02
64) Phenanthrene-d10	11.298	188	243302	20.000	ng	-0.02
76) Chrysene-d12	13.939	240	170277	20.000	ng	-0.02
86) Perylene-d12	15.386	264	176972	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	401011	91.554	ng	0.00
7) Phenol-d6	6.422	99	499893	90.298	ng	-0.02
23) Nitrobenzene-d5	7.345	82	326302	61.881	ng	-0.02
42) 2,4,6-Tribromophenol	10.604	330	117690	79.735	ng	-0.02
45) 2-Fluorobiphenyl	9.133	172	624642	65.495	ng	-0.02
79) Terphenyl-d14	12.880	244	613407	60.815	ng	-0.02

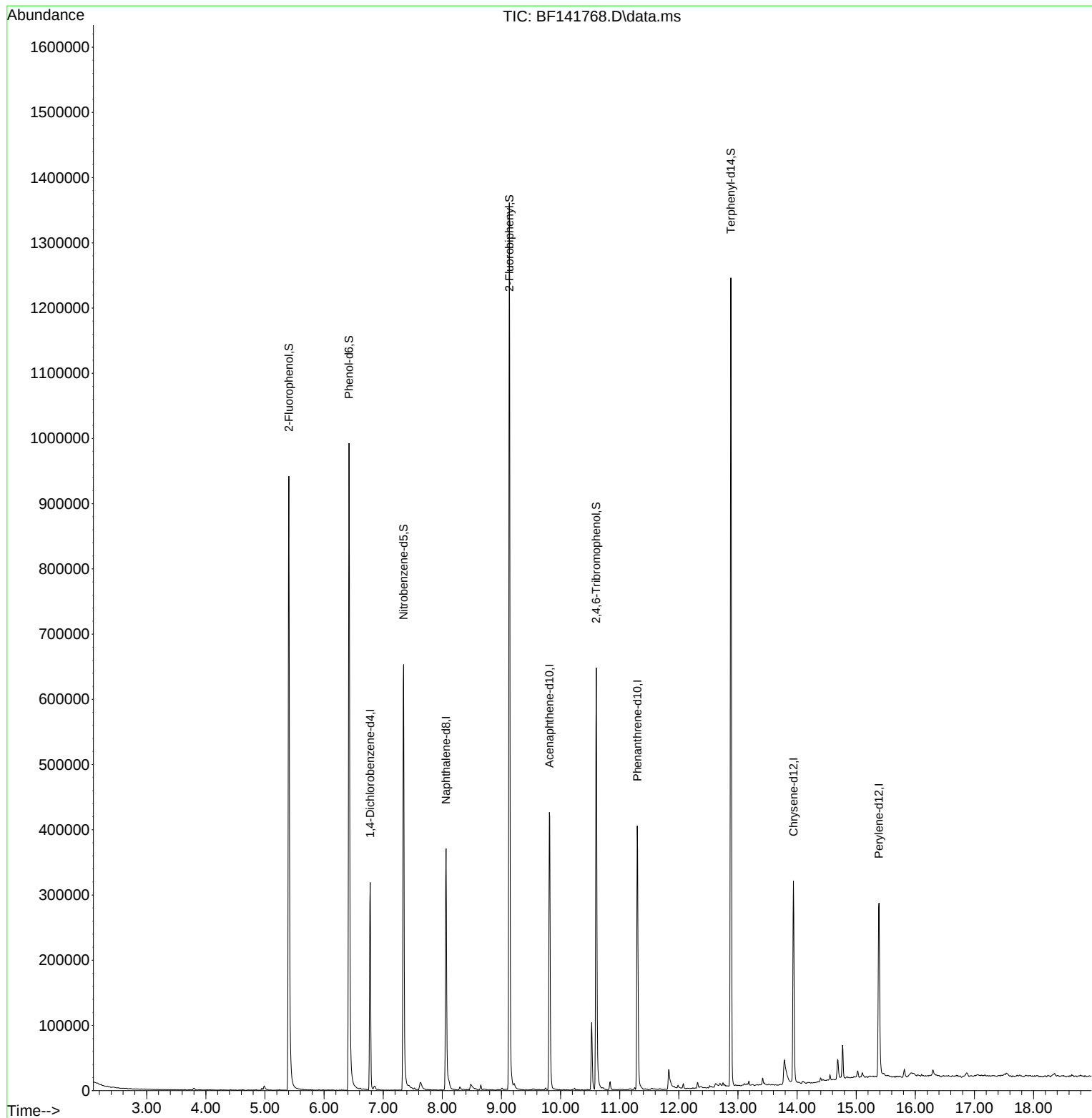
Target Compounds	Qvalue

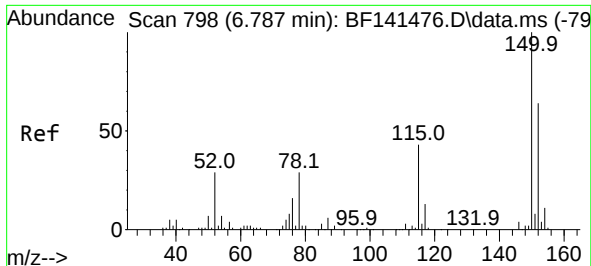
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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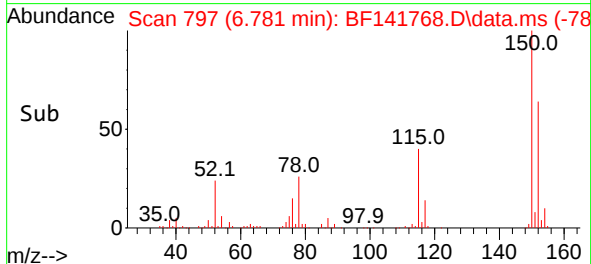
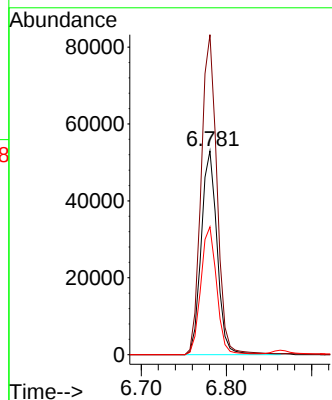
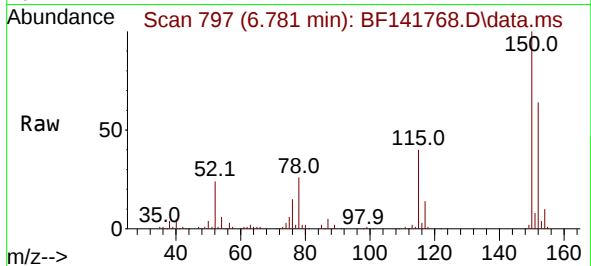




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.011 min
Lab File: BF141768.D
Acq: 25 Feb 2025 17:05

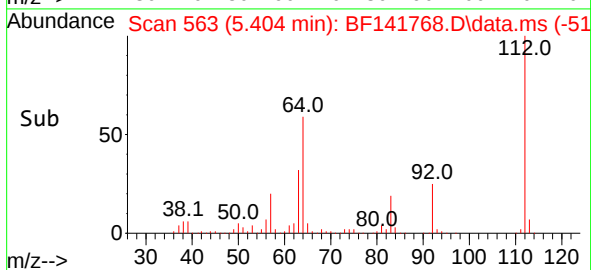
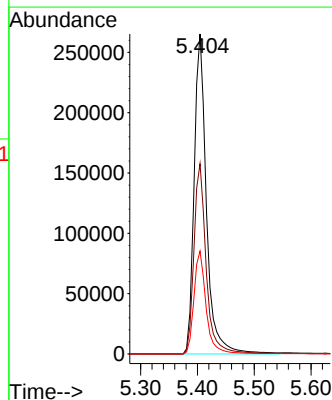
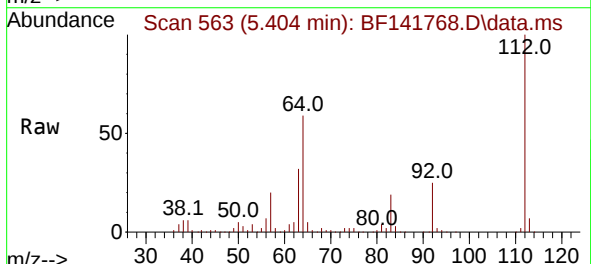
Instrument :
BNA_F
ClientSampleId :
B-172-SB01

Tgt Ion:152 Resp: 68668
Ion Ratio Lower Upper
152 100
150 157.1 125.0 187.4
115 62.8 53.6 80.4



#5
2-Fluorophenol
Concen: 91.554 ng
RT: 5.404 min Scan# 563
Delta R.T. -0.006 min
Lab File: BF141768.D
Acq: 25 Feb 2025 17:05

Tgt Ion:112 Resp: 401011
Ion Ratio Lower Upper
112 100
64 59.4 51.1 76.7
63 32.2 28.4 42.6

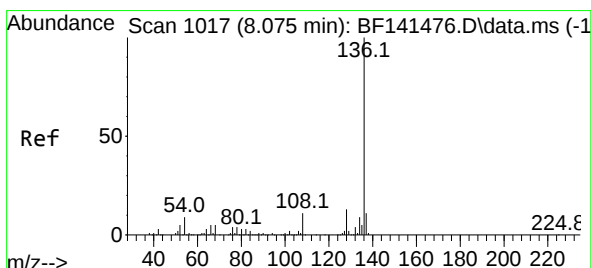
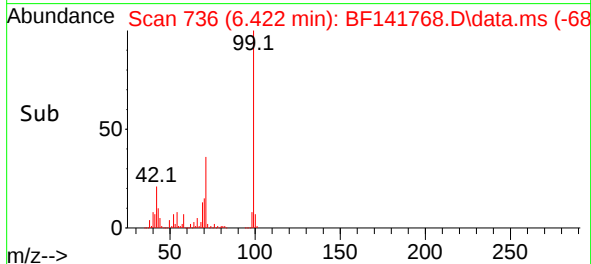
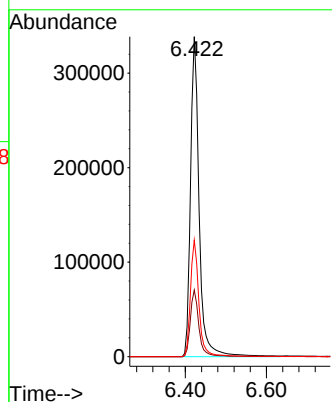
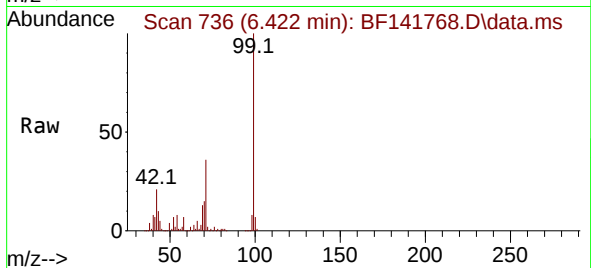




#7
Phenol-d6
Concen: 90.298 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF141768.D
Acq: 25 Feb 2025 17:05

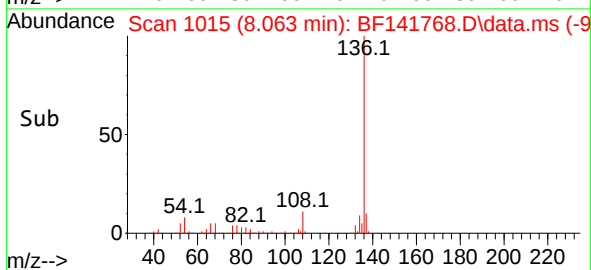
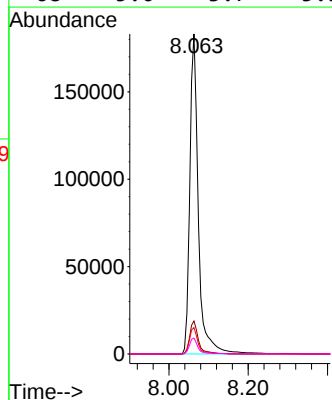
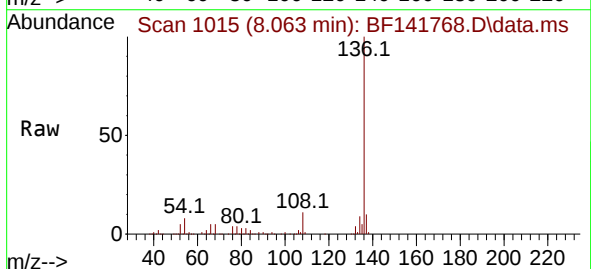
Instrument :
BNA_F
ClientSampleId :
B-172-SB01

Tgt Ion: 99 Resp: 499893
Ion Ratio Lower Upper
99 100
42 20.9 19.1 28.7
71 36.5 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF141768.D
Acq: 25 Feb 2025 17:05

Tgt Ion: 136 Resp: 275032
Ion Ratio Lower Upper
136 100
137 10.3 8.6 13.0
54 8.2 7.2 10.8
68 5.0 3.7 5.5

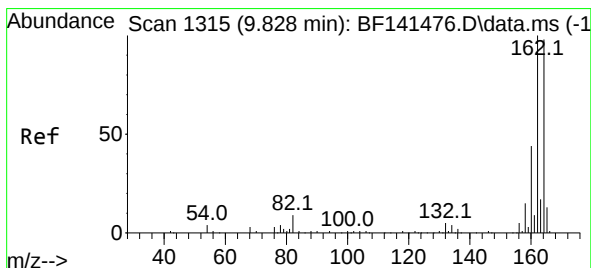
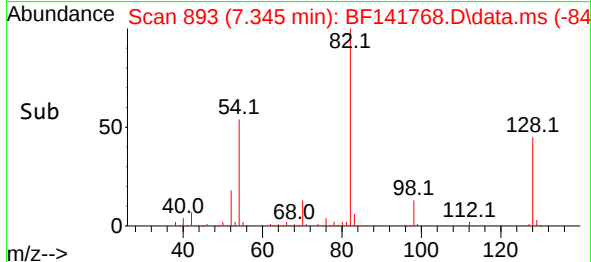
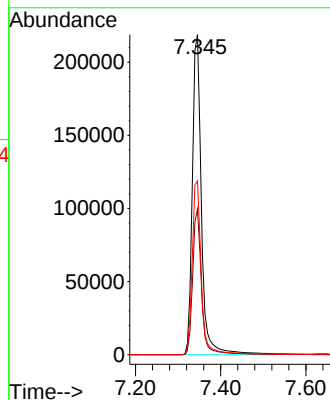
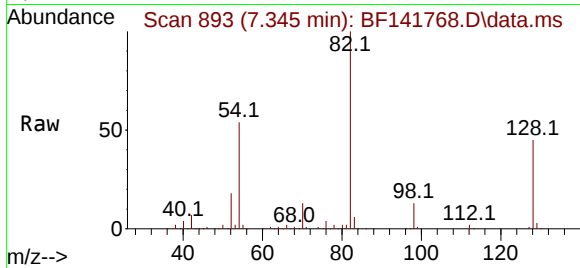




#23
Nitrobenzene-d5
Concen: 61.881 ng
RT: 7.345 min Scan# 895
Delta R.T. -0.018 min
Lab File: BF141768.D
Acq: 25 Feb 2025 17:05

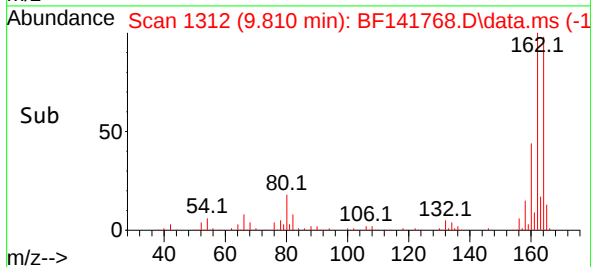
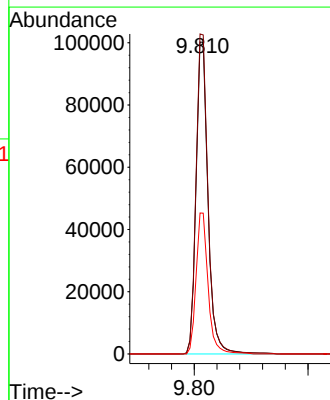
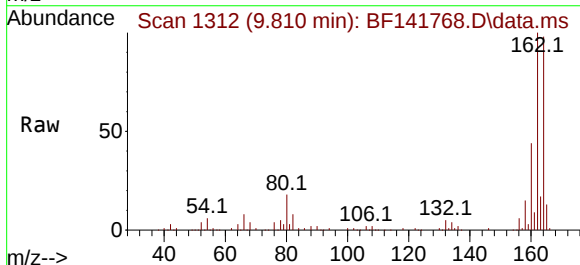
Instrument :
BNA_F
ClientSampleId :
B-172-SB01

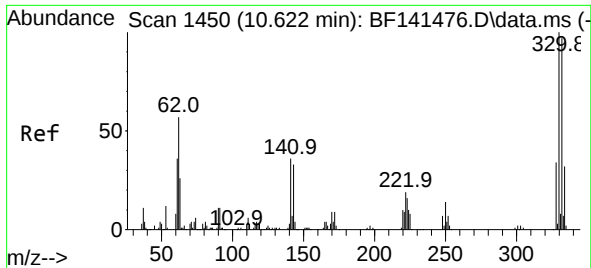
Tgt Ion: 82 Resp: 326302
Ion Ratio Lower Upper
82 100
128 45.4 34.8 52.2
54 54.3 48.2 72.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1312
Delta R.T. -0.023 min
Lab File: BF141768.D
Acq: 25 Feb 2025 17:05

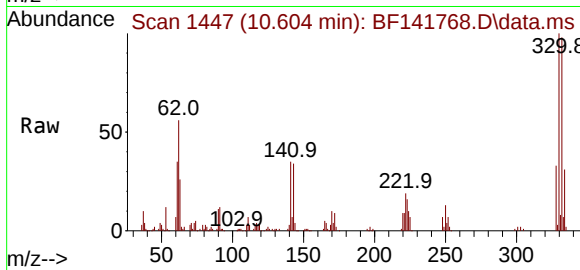
Tgt Ion:164 Resp: 146934
Ion Ratio Lower Upper
164 100
162 102.6 81.3 121.9
160 45.2 35.9 53.9



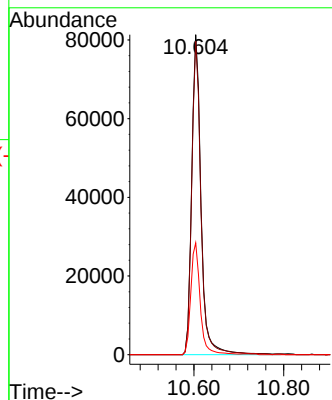
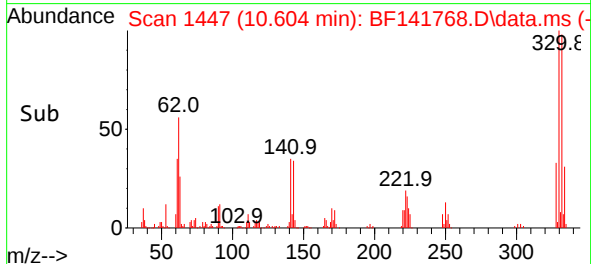


#42
 2,4,6-Tribromophenol
 Concen: 79.735 ng
 RT: 10.604 min Scan# 1447
 Delta R.T. -0.023 min
 Lab File: BF141768.D
 Acq: 25 Feb 2025 17:05

Instrument :
 BNA_F
 ClientSampleId :
 B-172-SB01

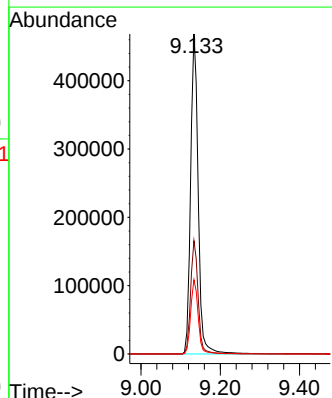
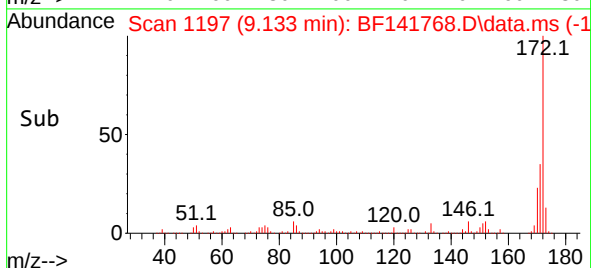
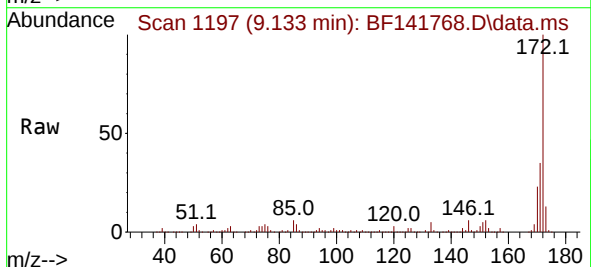


Tgt Ion: 330 Resp: 117690
 Ion Ratio Lower Upper
 330 100
 332 97.1 78.5 117.7
 141 35.2 31.0 46.4



#45
 2-Fluorobiphenyl
 Concen: 65.495 ng
 RT: 9.133 min Scan# 1197
 Delta R.T. -0.018 min
 Lab File: BF141768.D
 Acq: 25 Feb 2025 17:05

Tgt Ion: 172 Resp: 624642
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.7 43.1
 170 23.2 18.9 28.3

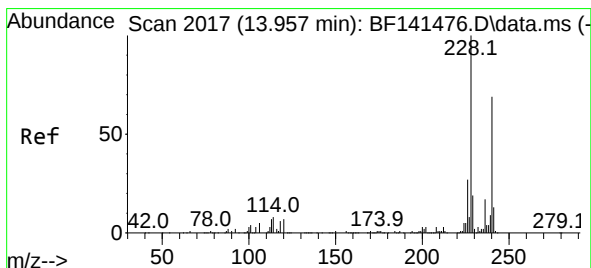
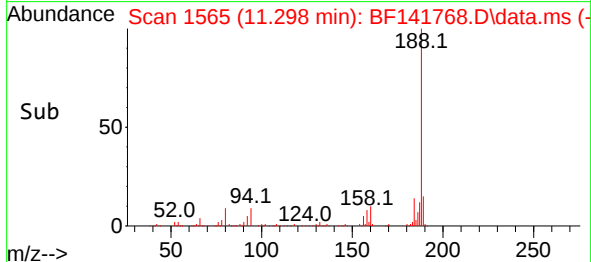
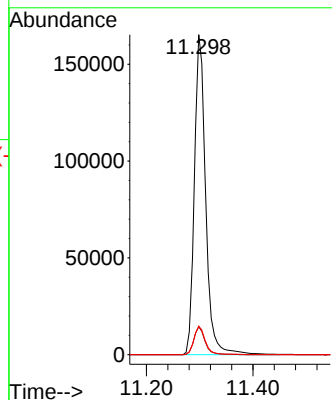
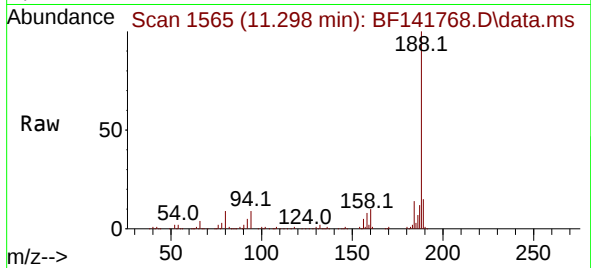




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF141768.D
Acq: 25 Feb 2025 17:05

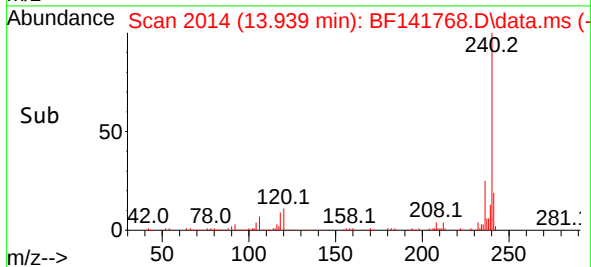
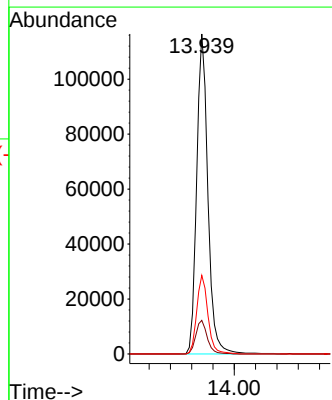
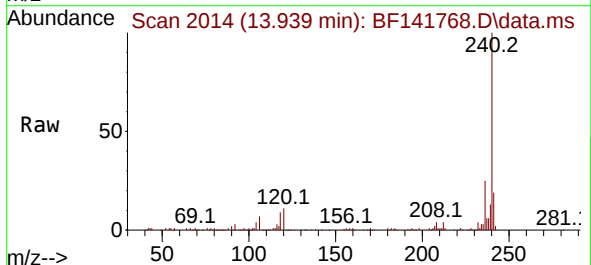
Instrument :
BNA_F
ClientSampleId :
B-172-SB01

Tgt Ion:188 Resp: 243302
Ion Ratio Lower Upper
188 100
94 8.7 6.6 10.0
80 8.9 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2014
Delta R.T. -0.023 min
Lab File: BF141768.D
Acq: 25 Feb 2025 17:05

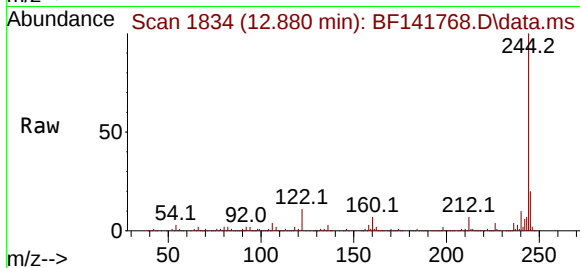
Tgt Ion:240 Resp: 170277
Ion Ratio Lower Upper
240 100
120 10.5 8.0 12.0
236 24.6 19.8 29.8



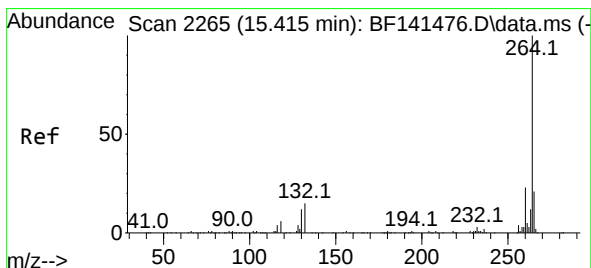
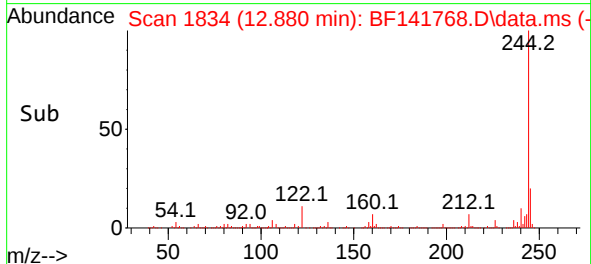
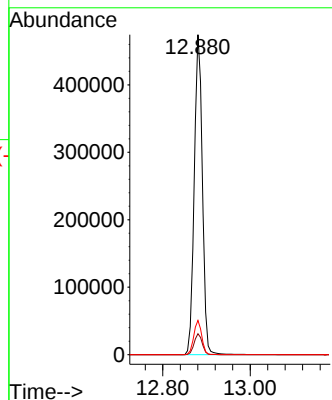


#79
Terphenyl-d14
Concen: 60.815 ng
RT: 12.880 min Scan# 1834
Delta R.T. -0.023 min
Lab File: BF141768.D
Acq: 25 Feb 2025 17:05

Instrument :
BNA_F
ClientSampleId :
B-172-SB01



Tgt Ion:244 Resp: 613407
Ion Ratio Lower Upper
244 100
212 6.6 5.6 8.4
122 10.7 8.4 12.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.386 min Scan# 2260
Delta R.T. -0.029 min
Lab File: BF141768.D
Acq: 25 Feb 2025 17:05

Tgt Ion:264 Resp: 176972
Ion Ratio Lower Upper
264 100
260 22.9 18.6 28.0
265 21.6 17.0 25.4

