

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020625\
 Data File : BF141489.D
 Acq On : 06 Feb 2025 19:19
 Operator : RC/JU
 Sample : Q1309-13
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-5

Quant Time: Feb 07 01:53:54 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	6.787	152	99125	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	401230	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	223338	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	394320	20.000	ng	0.00
76) Chrysene-d12	13.951	240	261692	20.000	ng	-0.01
86) Perylene-d12	15.410	264	206631	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	769998	121.782	ng	0.00
7) Phenol-d6	6.428	99	981173	122.777	ng	-0.01
23) Nitrobenzene-d5	7.351	82	659166	85.689	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	291403	129.886	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1197316	82.594	ng	0.00
79) Terphenyl-d14	12.904	244	1364087	87.997	ng	0.00

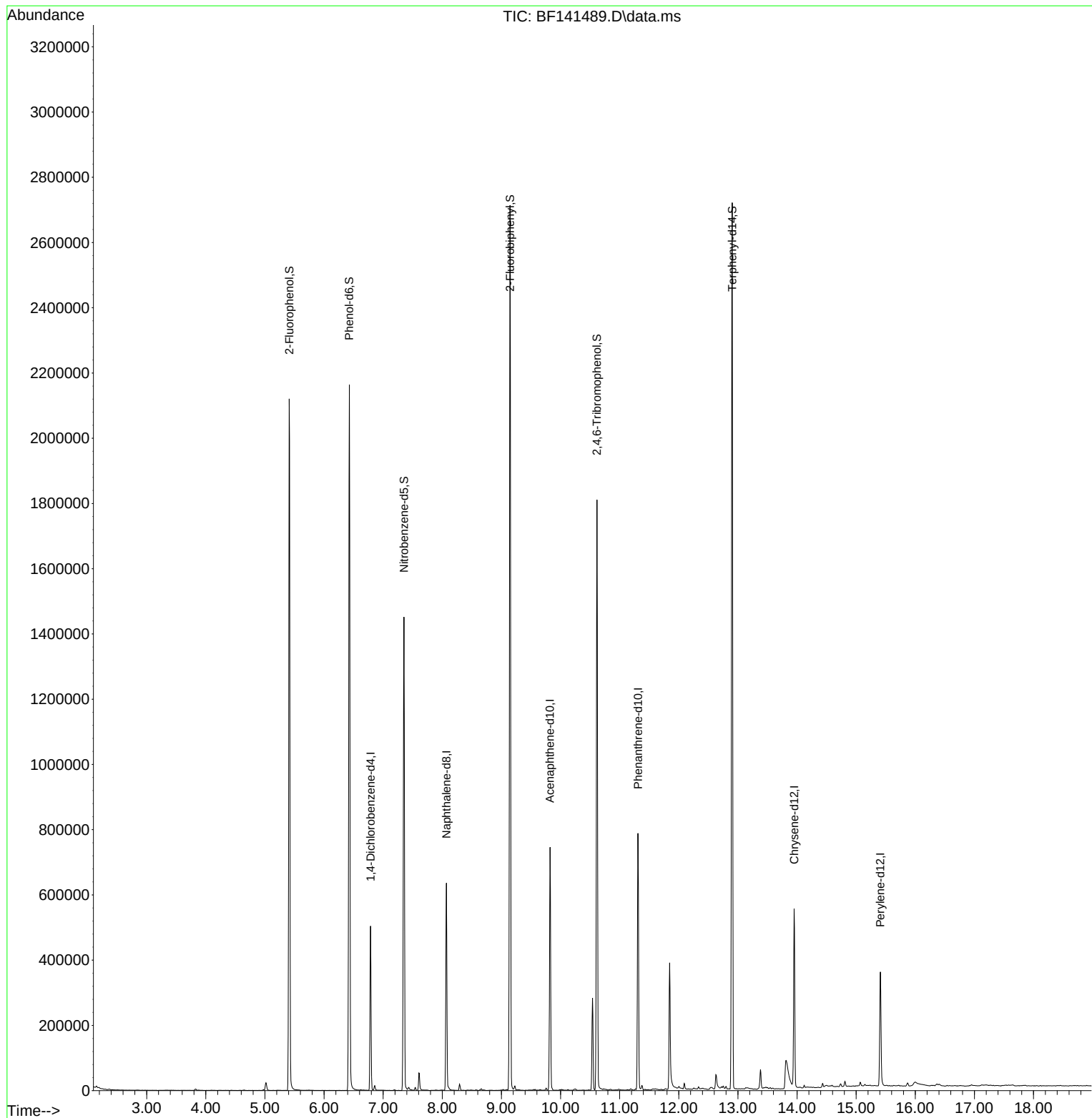
Target Compounds	Qvalue

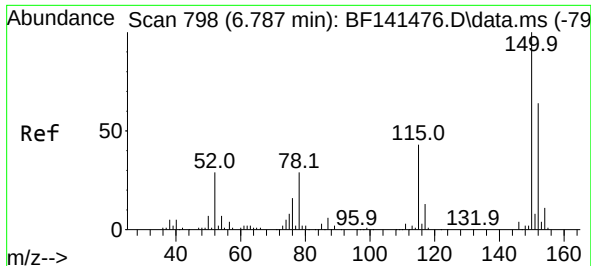
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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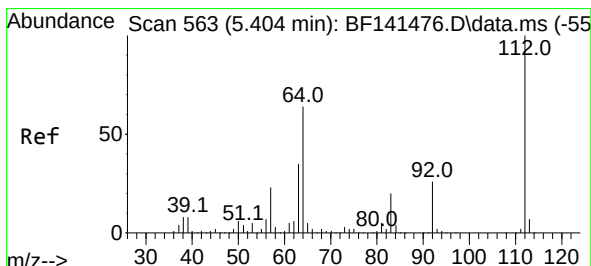
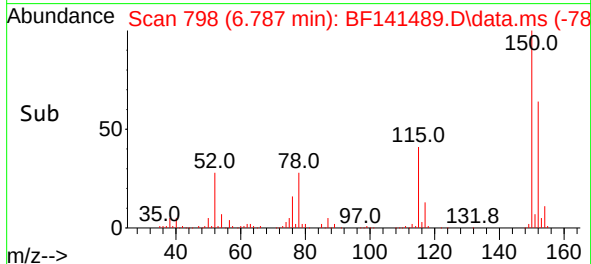
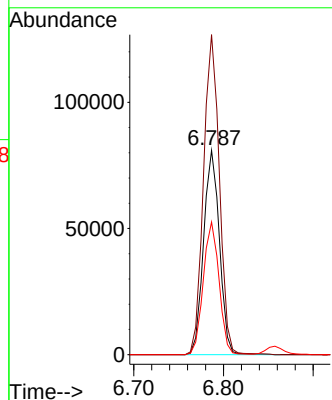
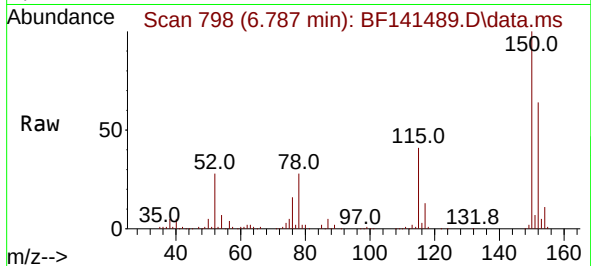




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF141489.D
Acq: 06 Feb 2025 19:19

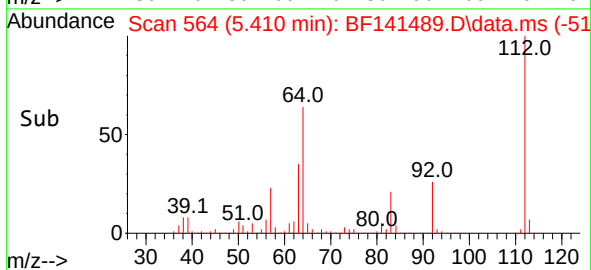
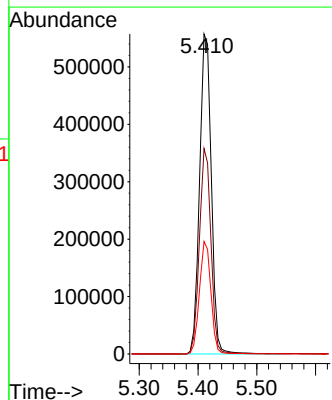
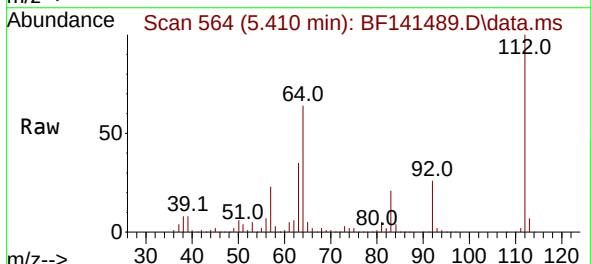
Instrument :
BNA_F
ClientSampleId :
WC-5

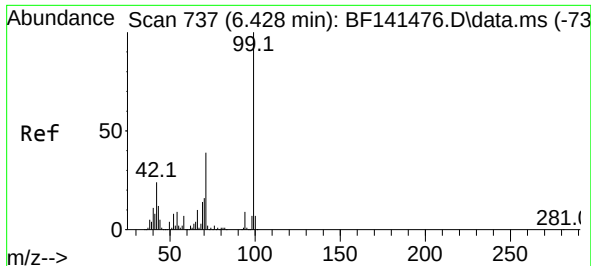
Tgt Ion:152 Resp: 99125
Ion Ratio Lower Upper
152 100
150 156.6 125.0 187.4
115 64.9 53.6 80.4



#5
2-Fluorophenol
Concen: 121.782 ng
RT: 5.410 min Scan# 564
Delta R.T. 0.000 min
Lab File: BF141489.D
Acq: 06 Feb 2025 19:19

Tgt Ion:112 Resp: 769998
Ion Ratio Lower Upper
112 100
64 64.2 51.1 76.7
63 35.2 28.4 42.6





#7
Phenol-d6
Concen: 122.777 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141489.D
Acq: 06 Feb 2025 19:19

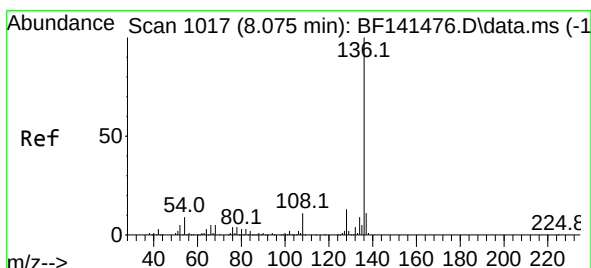
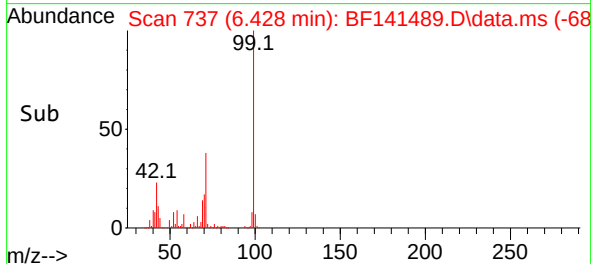
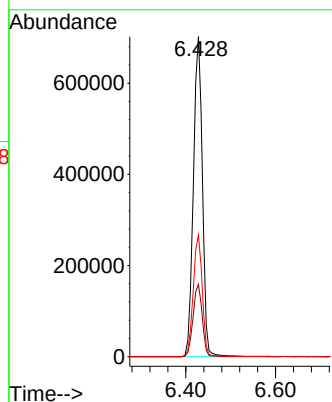
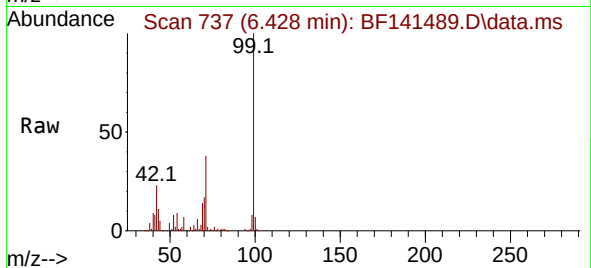
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BNA_F

ClientSampleId :

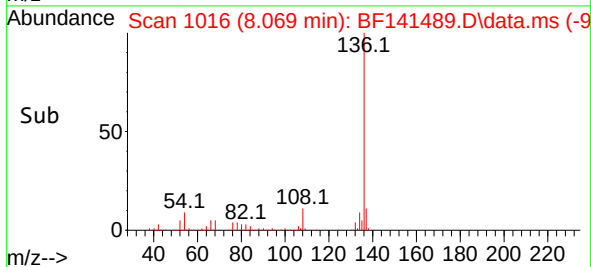
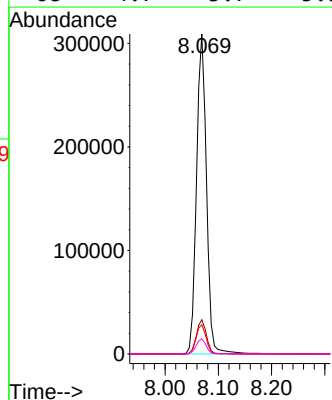
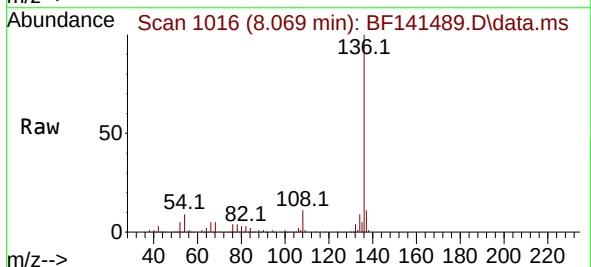
WC-5

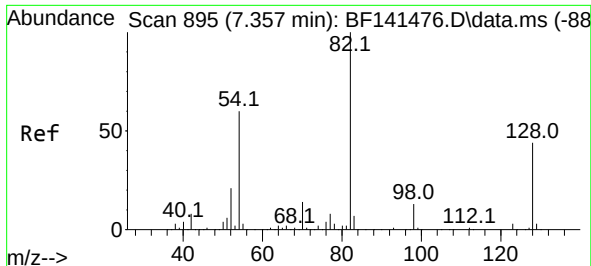
Tgt Ion: 99 Resp: 981173
Ion Ratio Lower Upper
99 100
42 22.6 19.1 28.7
71 38.0 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF141489.D
Acq: 06 Feb 2025 19:19

Tgt Ion: 136 Resp: 401230
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 9.2 7.2 10.8
68 4.7 3.7 5.5

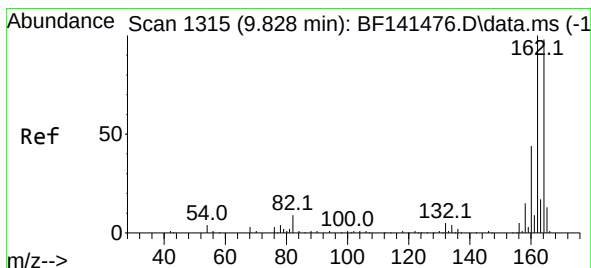
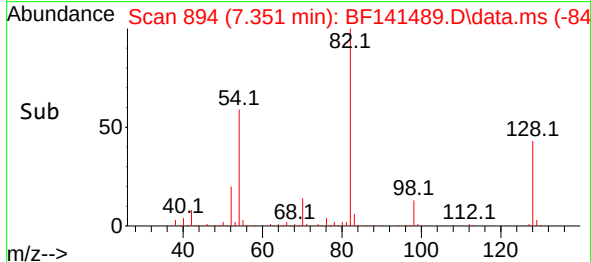
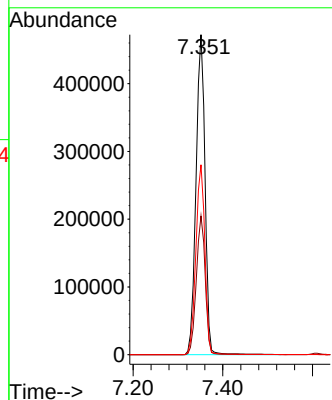
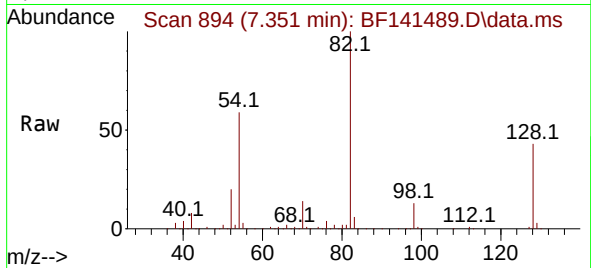




#23
 Nitrobenzene-d5
 Concen: 85.689 ng
 RT: 7.351 min Scan# 894
 Delta R.T. -0.012 min
 Lab File: BF141489.D
 Acq: 06 Feb 2025 19:19

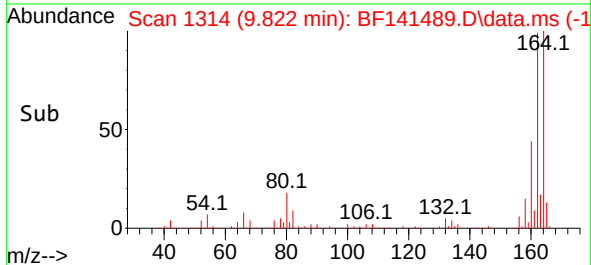
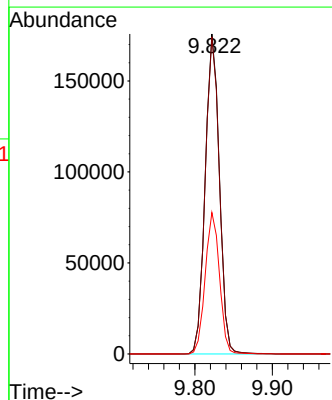
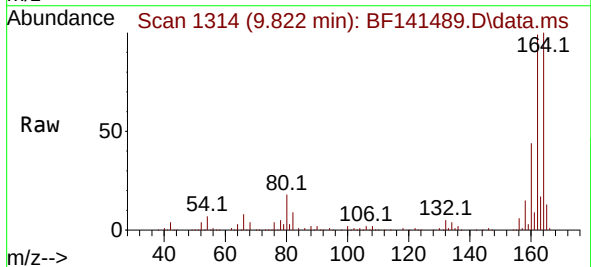
Instrument :
 BNA_F
 ClientSampleId :
 WC-5

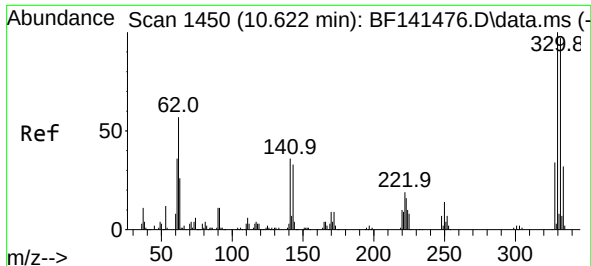
Tgt Ion: 82 Resp: 659166
 Ion Ratio Lower Upper
 82 100
 128 43.3 34.8 52.2
 54 59.4 48.2 72.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.822 min Scan# 1314
 Delta R.T. -0.012 min
 Lab File: BF141489.D
 Acq: 06 Feb 2025 19:19

Tgt Ion:164 Resp: 223338
 Ion Ratio Lower Upper
 164 100
 162 99.1 81.3 121.9
 160 44.2 35.9 53.9

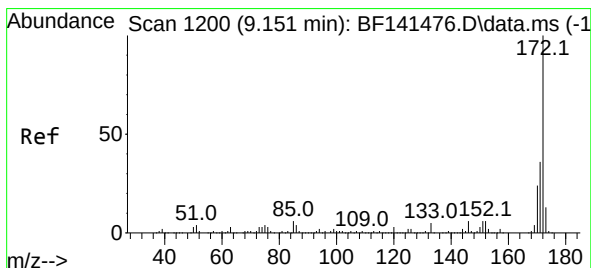
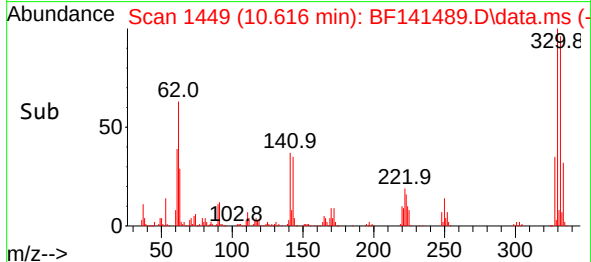
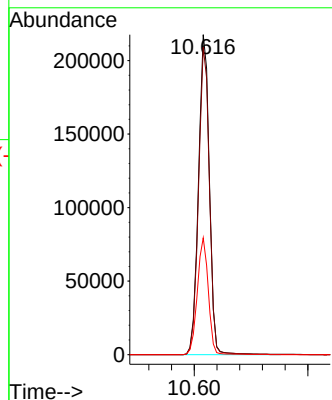
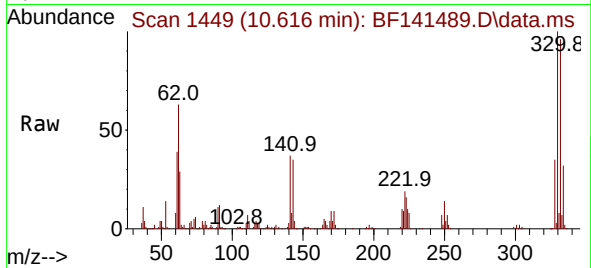




#42
2,4,6-Tribromophenol
Concen: 129.886 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF141489.D
Acq: 06 Feb 2025 19:19

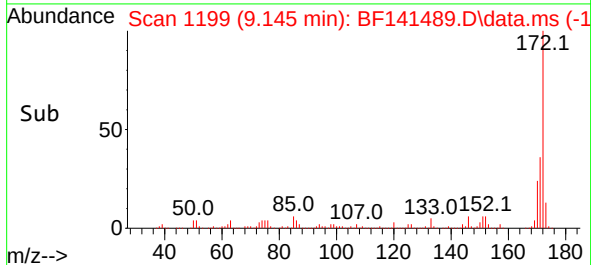
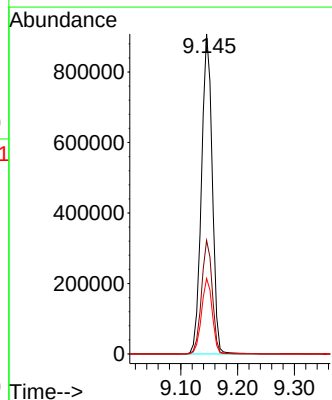
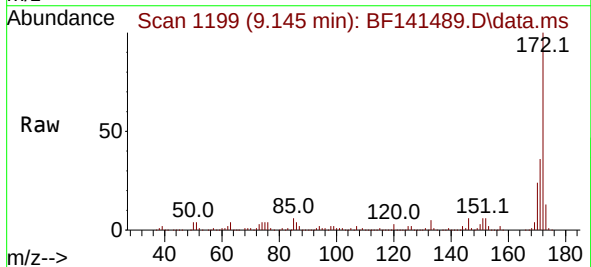
Instrument :
BNA_F
ClientSampleId :
WC-5

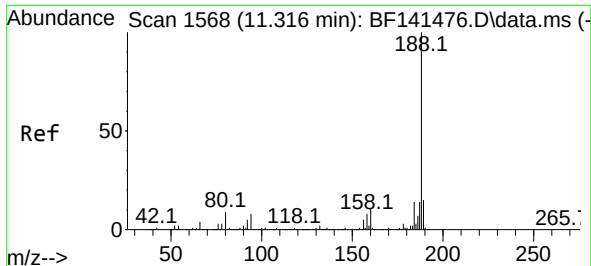
Tgt Ion: 330 Resp: 291403
Ion Ratio Lower Upper
330 100
332 95.9 78.5 117.7
141 36.7 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 82.594 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF141489.D
Acq: 06 Feb 2025 19:19

Tgt Ion: 172 Resp: 1197316
Ion Ratio Lower Upper
172 100
171 35.5 28.7 43.1
170 23.6 18.9 28.3

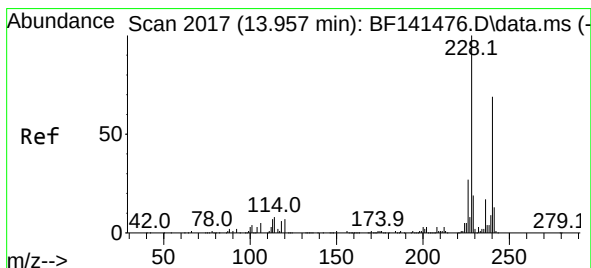
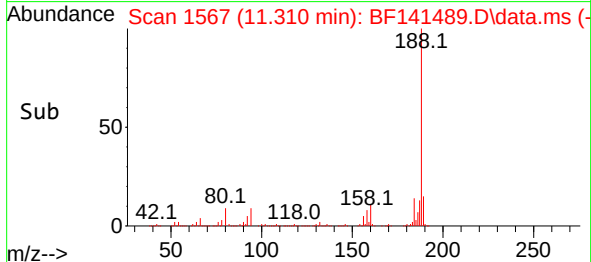
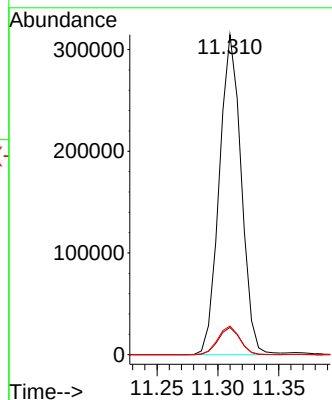
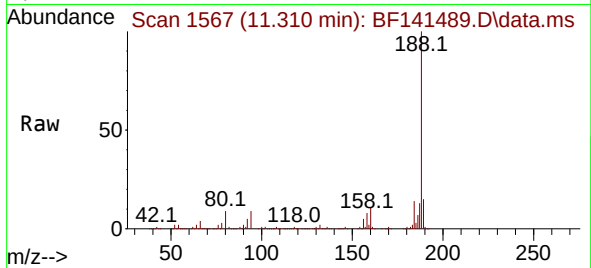




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141489.D
Acq: 06 Feb 2025 19:19

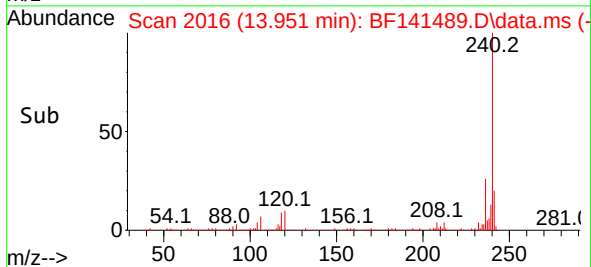
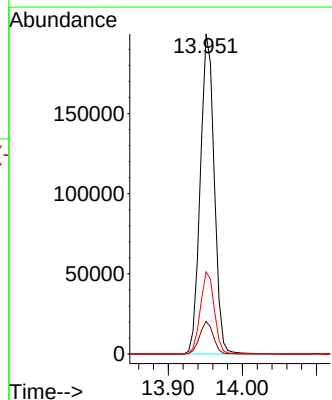
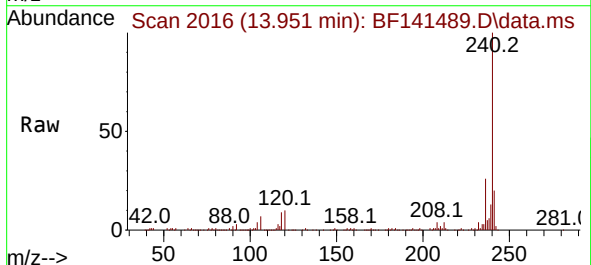
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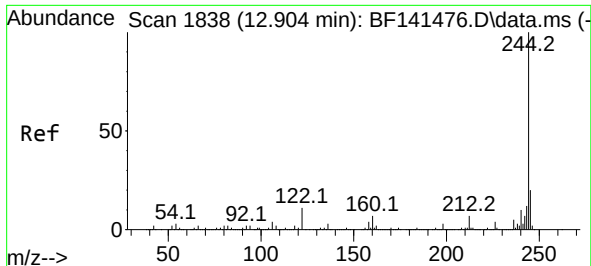
Tgt Ion:188 Resp: 394320
Ion Ratio Lower Upper
188 100
94 8.5 6.6 10.0
80 9.0 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BF141489.D
Acq: 06 Feb 2025 19:19

Tgt Ion:240 Resp: 261692
Ion Ratio Lower Upper
240 100
120 10.2 8.0 12.0
236 25.6 19.8 29.8

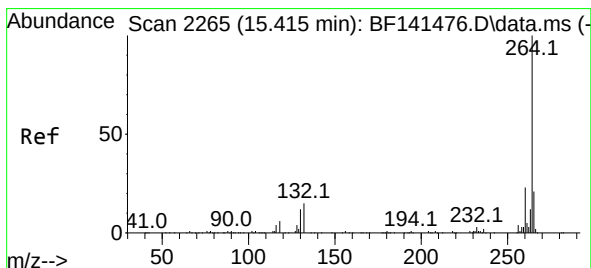
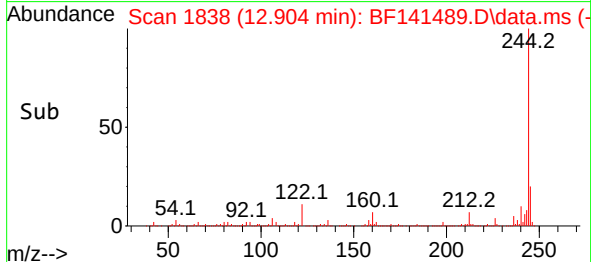
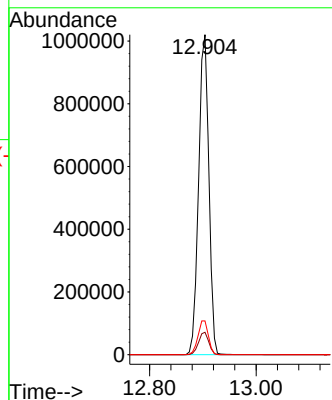
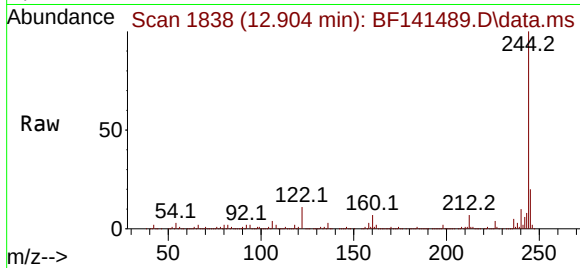




#79
 Terphenyl-d14
 Concen: 87.997 ng
 RT: 12.904 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF141489.D
 Acq: 06 Feb 2025 19:19

Instrument :
 BNA_F
 ClientSampleId :
 WC-5

Tgt Ion:244 Resp: 1364087
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 10.6 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.410 min Scan# 2264
 Delta R.T. -0.006 min
 Lab File: BF141489.D
 Acq: 06 Feb 2025 19:19

Tgt Ion:264 Resp: 206631
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.6 28.0
 265 21.5 17.0 25.4

