

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020625\
 Data File : BF141494.D
 Acq On : 06 Feb 2025 21:30
 Operator : RC/JU
 Sample : Q1216-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JPP-18.1-012825

Quant Time: Feb 07 01:57:02 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	90463	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	367743	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	202265	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	358530	20.000	ng	0.00
76) Chrysene-d12	13.951	240	234861	20.000	ng	-0.01
86) Perylene-d12	15.398	264	142150	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	774190	134.169	ng	0.02
7) Phenol-d6	6.428	99	935456	128.265	ng	-0.01
23) Nitrobenzene-d5	7.351	82	701373	99.478	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	318048	156.532	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1319460	100.503	ng	0.00
79) Terphenyl-d14	12.904	244	1590321	114.312	ng	0.00

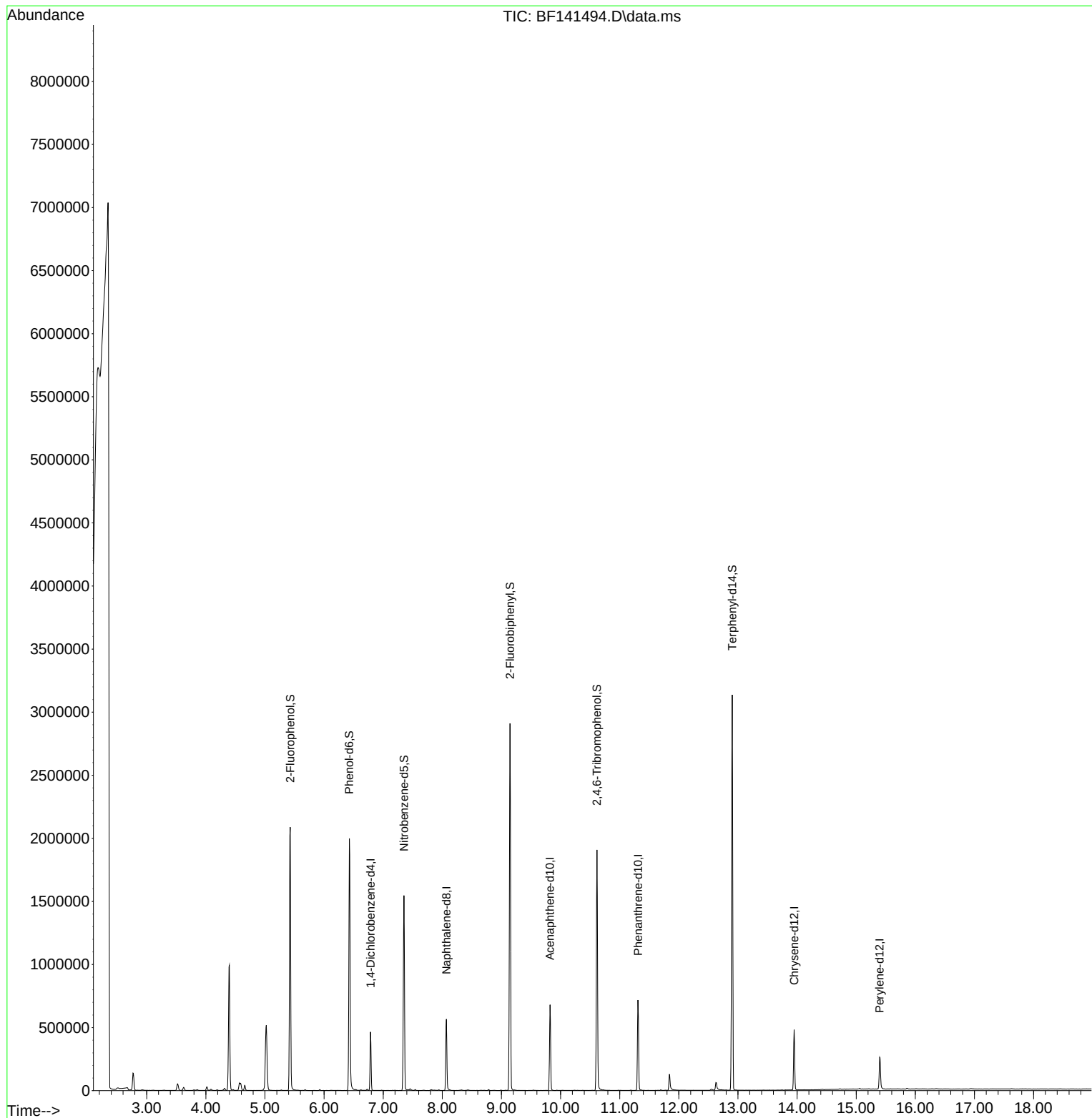
Target Compounds	Qvalue

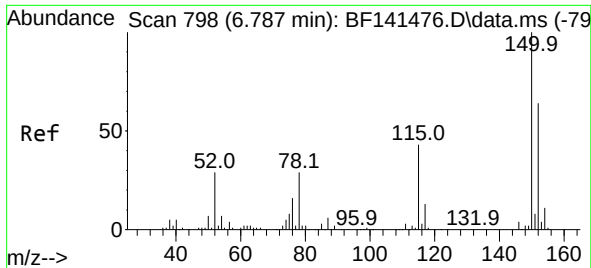
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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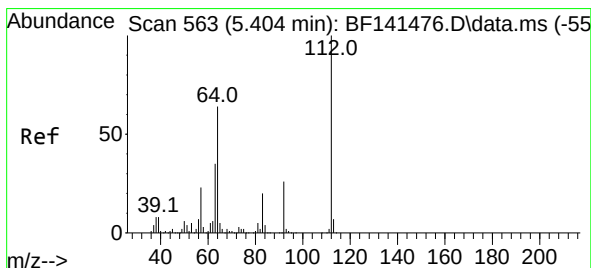
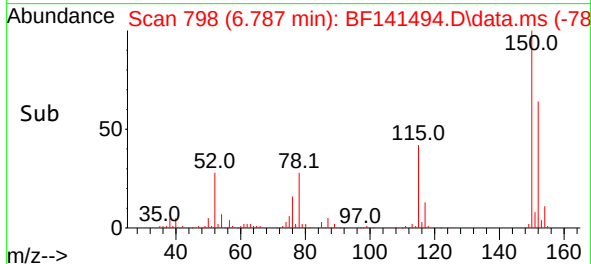
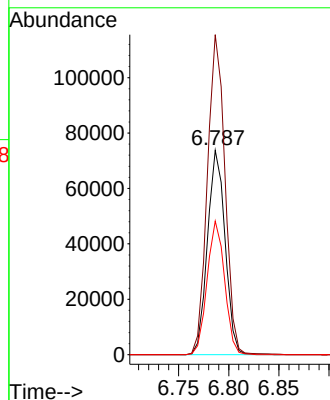
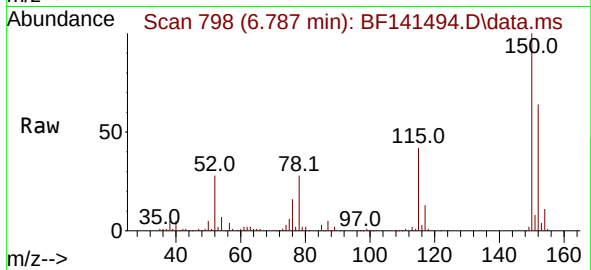




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF141494.D
Acq: 06 Feb 2025 21:30

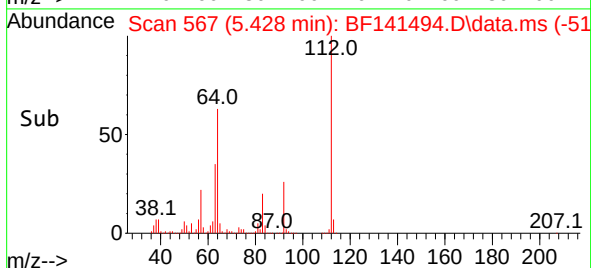
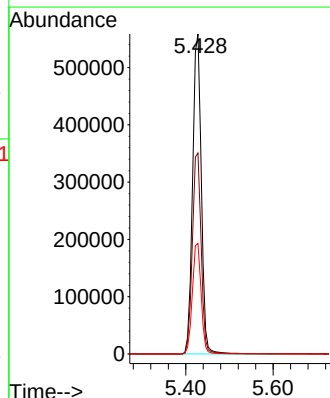
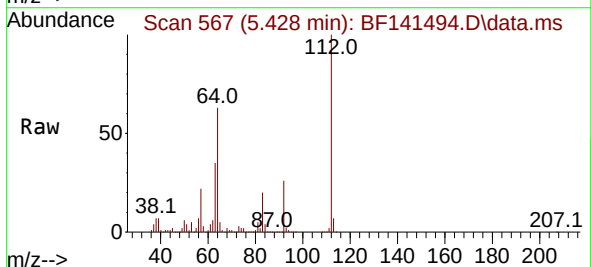
Instrument :
BNA_F
ClientSampleId :
JPP-18.1-012825

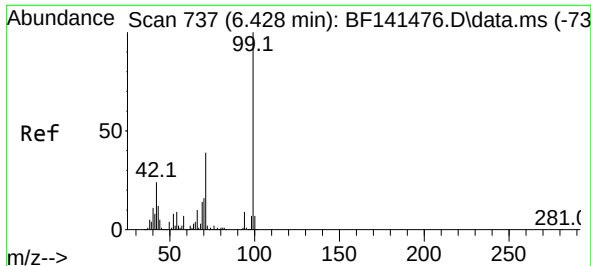
Tgt Ion:152 Resp: 90463
Ion Ratio Lower Upper
152 100
150 156.6 125.0 187.4
115 65.4 53.6 80.4



#5
2-Fluorophenol
Concen: 134.169 ng
RT: 5.428 min Scan# 567
Delta R.T. 0.018 min
Lab File: BF141494.D
Acq: 06 Feb 2025 21:30

Tgt Ion:112 Resp: 774190
Ion Ratio Lower Upper
112 100
64 62.8 51.1 76.7
63 34.5 28.4 42.6





#7
Phenol-d6
Concen: 128.265 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141494.D
Acq: 06 Feb 2025 21:30

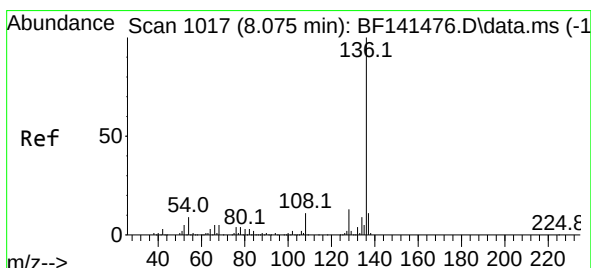
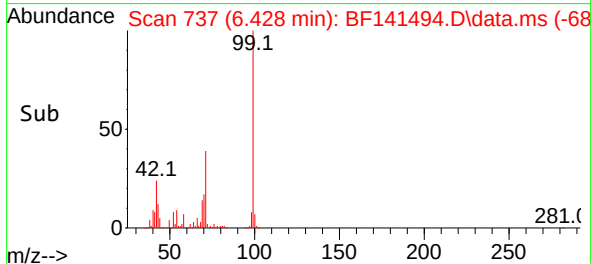
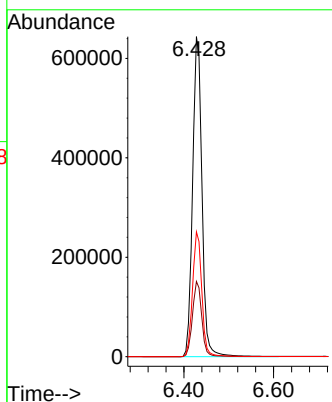
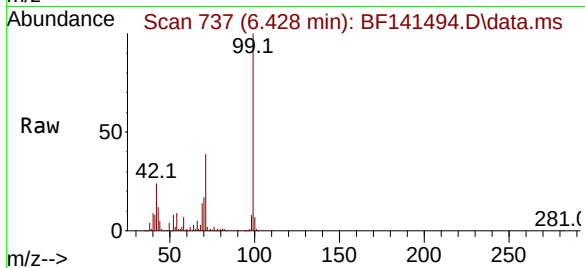
Instrument :

BNA_F

ClientSampleId :

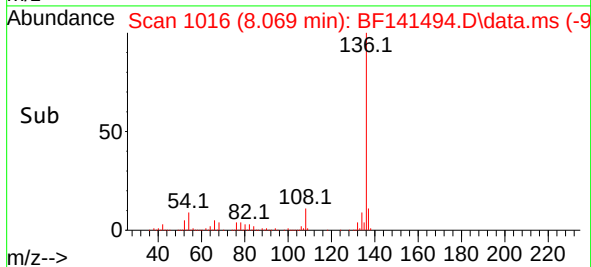
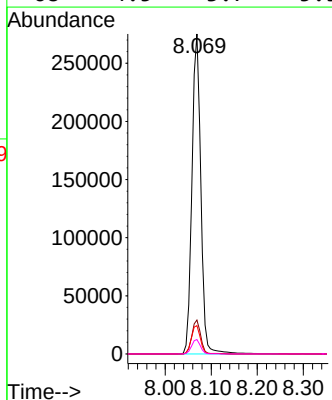
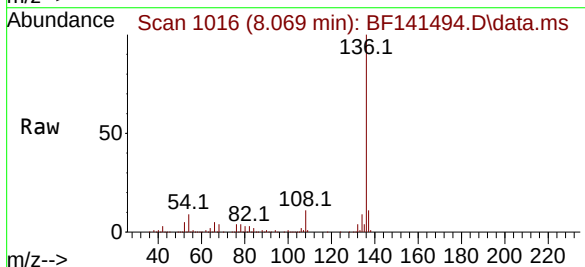
JPP-18.1-012825

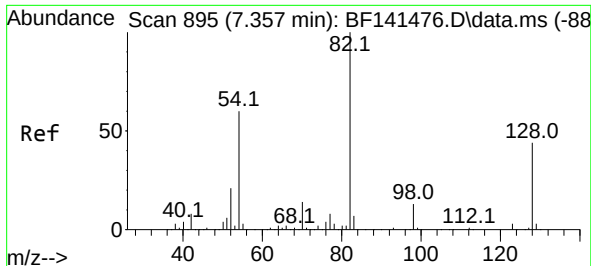
Tgt Ion: 99 Resp: 935456
Ion Ratio Lower Upper
99 100
42 23.5 19.1 28.7
71 39.0 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF141494.D
Acq: 06 Feb 2025 21:30

Tgt Ion: 136 Resp: 367743
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 8.9 7.2 10.8
68 4.5 3.7 5.5





#23

Nitrobenzene-d5

Concen: 99.478 ng

RT: 7.351 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF141494.D

Acq: 06 Feb 2025 21:30

Instrument :

BNA_F

ClientSampleId :

JPP-18.1-012825

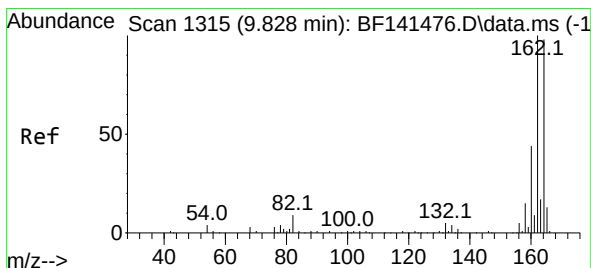
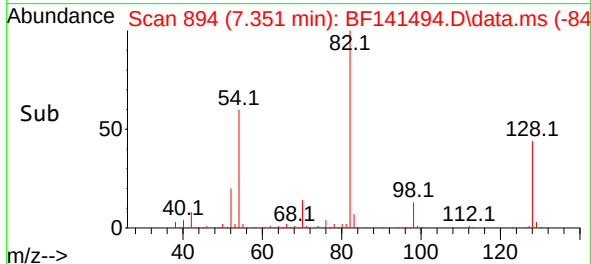
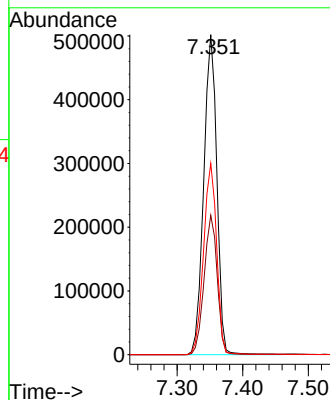
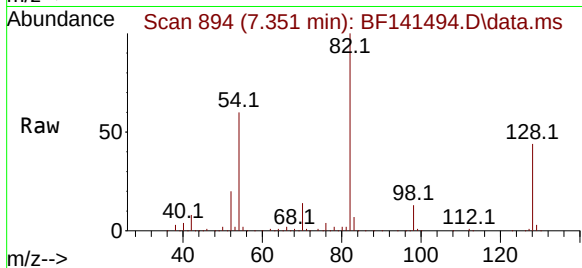
Tgt Ion: 82 Resp: 701373

Ion Ratio Lower Upper

82 100

128 43.6 34.8 52.2

54 59.7 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: BF141494.D

Acq: 06 Feb 2025 21:30

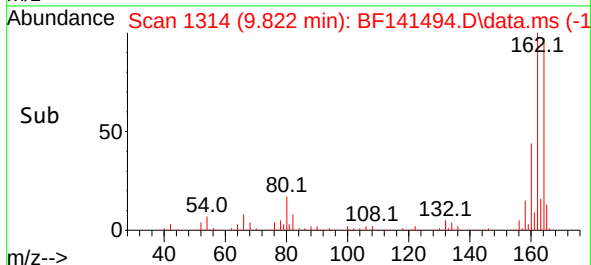
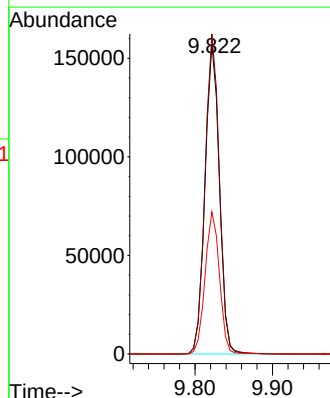
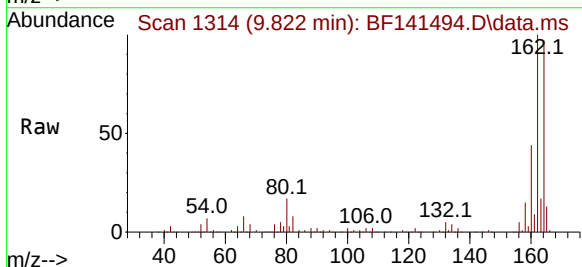
Tgt Ion:164 Resp: 202265

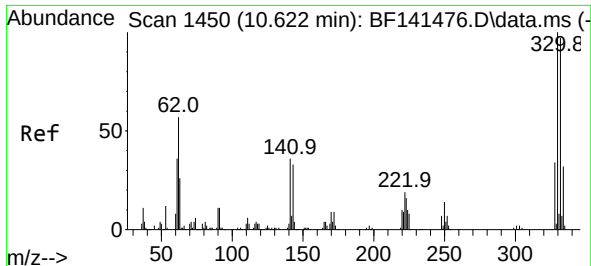
Ion Ratio Lower Upper

164 100

162 103.3 81.3 121.9

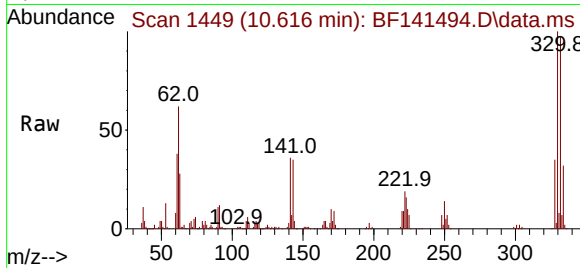
160 45.8 35.9 53.9



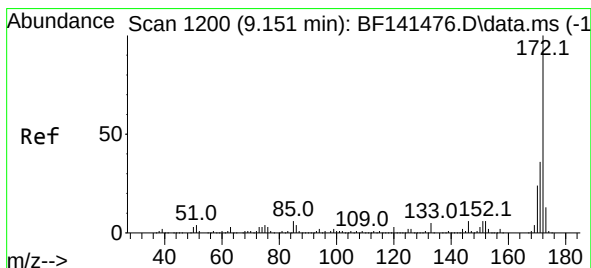
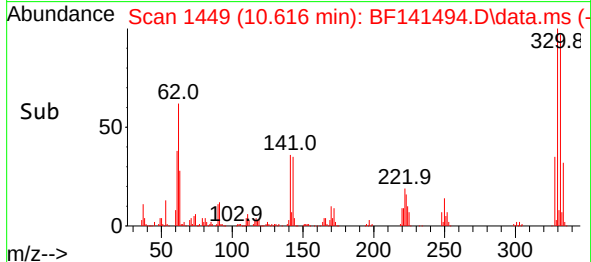
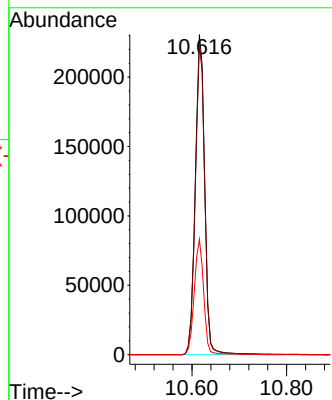


#42
 2,4,6-Tribromophenol
 Concen: 156.532 ng
 RT: 10.616 min Scan# 1449
 Delta R.T. -0.012 min
 Lab File: BF141494.D
 Acq: 06 Feb 2025 21:30

Instrument :
 BNA_F
 ClientSampleId :
 JPP-18.1-012825

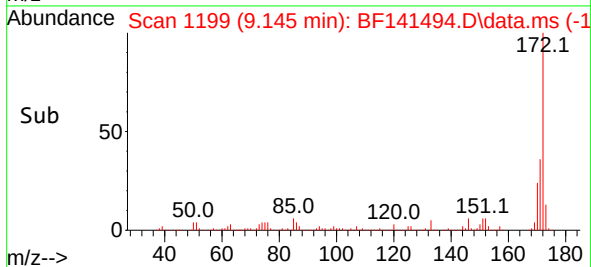
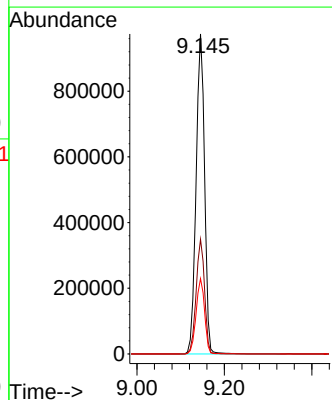
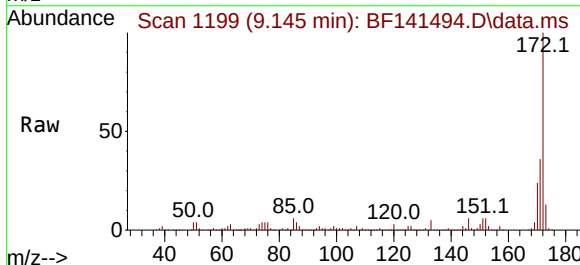


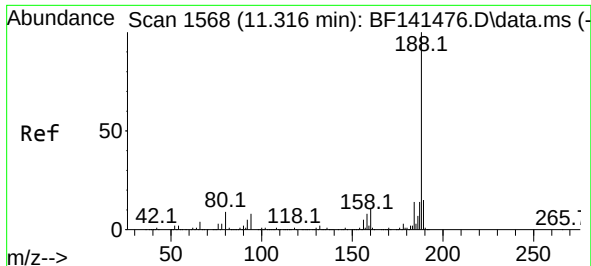
Tgt Ion:330 Resp: 318048
 Ion Ratio Lower Upper
 330 100
 332 97.0 78.5 117.7
 141 36.3 31.0 46.4



#45
 2-Fluorobiphenyl
 Concen: 100.503 ng
 RT: 9.145 min Scan# 1199
 Delta R.T. -0.006 min
 Lab File: BF141494.D
 Acq: 06 Feb 2025 21:30

Tgt Ion:172 Resp: 1319460
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.7 43.1
 170 23.6 18.9 28.3

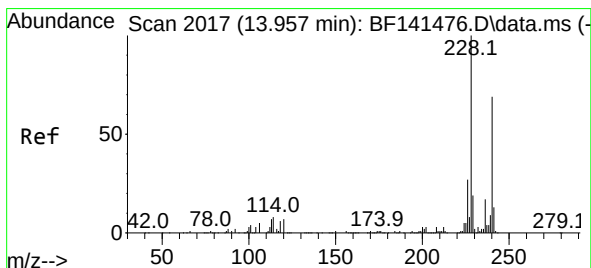
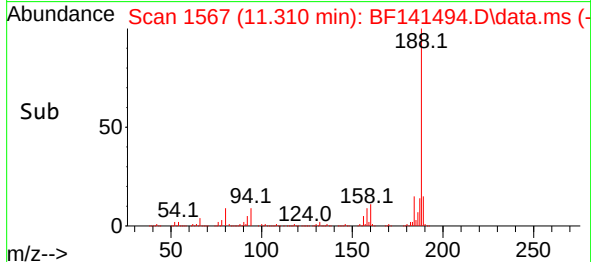
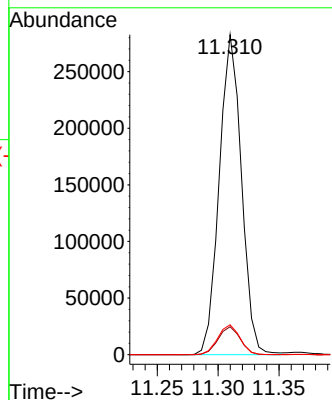
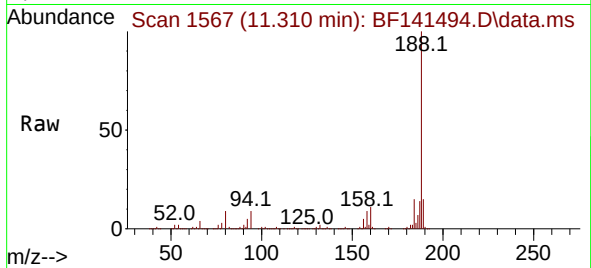




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141494.D
Acq: 06 Feb 2025 21:30

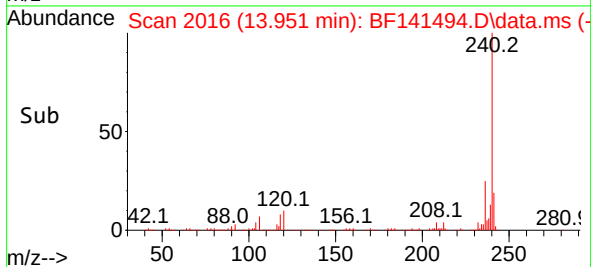
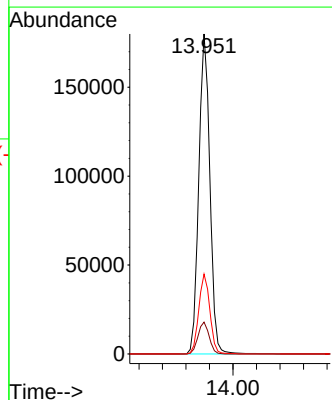
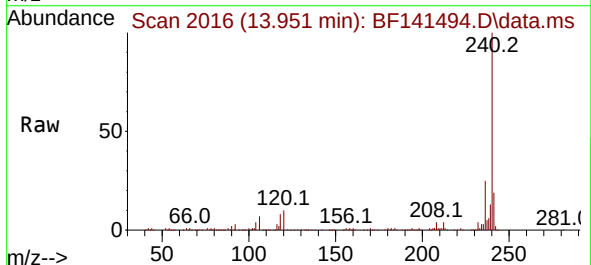
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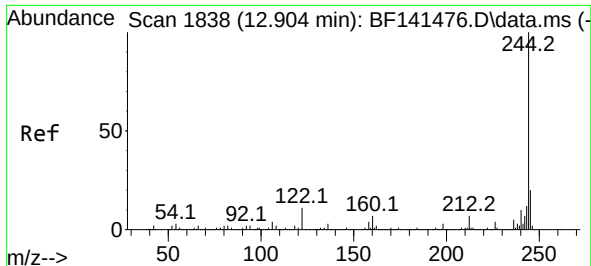
Tgt Ion:188 Resp: 358530
Ion Ratio Lower Upper
188 100
94 8.7 6.6 10.0
80 9.4 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BF141494.D
Acq: 06 Feb 2025 21:30

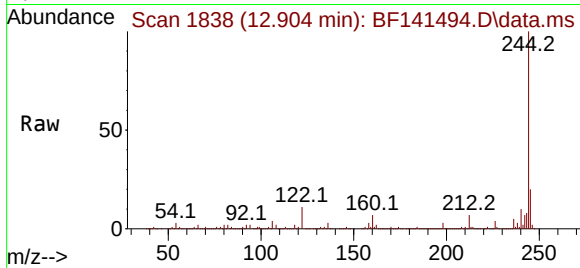
Tgt Ion:240 Resp: 234861
Ion Ratio Lower Upper
240 100
120 10.0 8.0 12.0
236 25.0 19.8 29.8



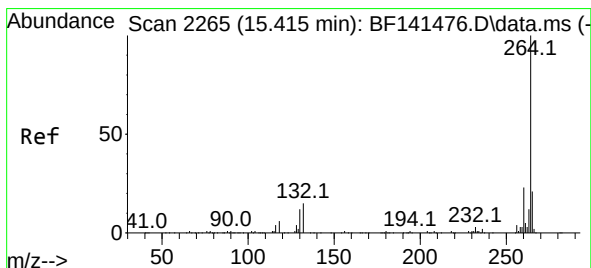
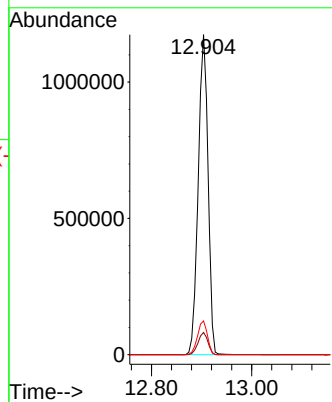
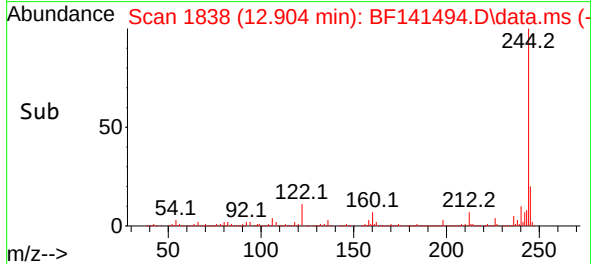


#79
 Terphenyl-d14
 Concen: 114.312 ng
 RT: 12.904 min Scan# 1838
 Delta R.T. 0.000 min
 Lab File: BF141494.D
 Acq: 06 Feb 2025 21:30

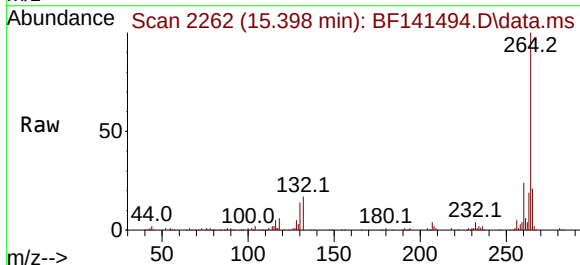
Instrument :
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Tgt Ion:244 Resp: 1590321
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 10.5 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.398 min Scan# 2262
 Delta R.T. -0.018 min
 Lab File: BF141494.D
 Acq: 06 Feb 2025 21:30



Tgt Ion:264 Resp: 142150
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.6 28.0
 265 20.9 17.0 25.4

