

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
 Data File : BF141453.D
 Acq On : 05 Feb 2025 18:01
 Operator : RC/JU
 Sample : Q1207-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JPP-5.1-012725

Quant Time: Feb 06 01:44:22 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)

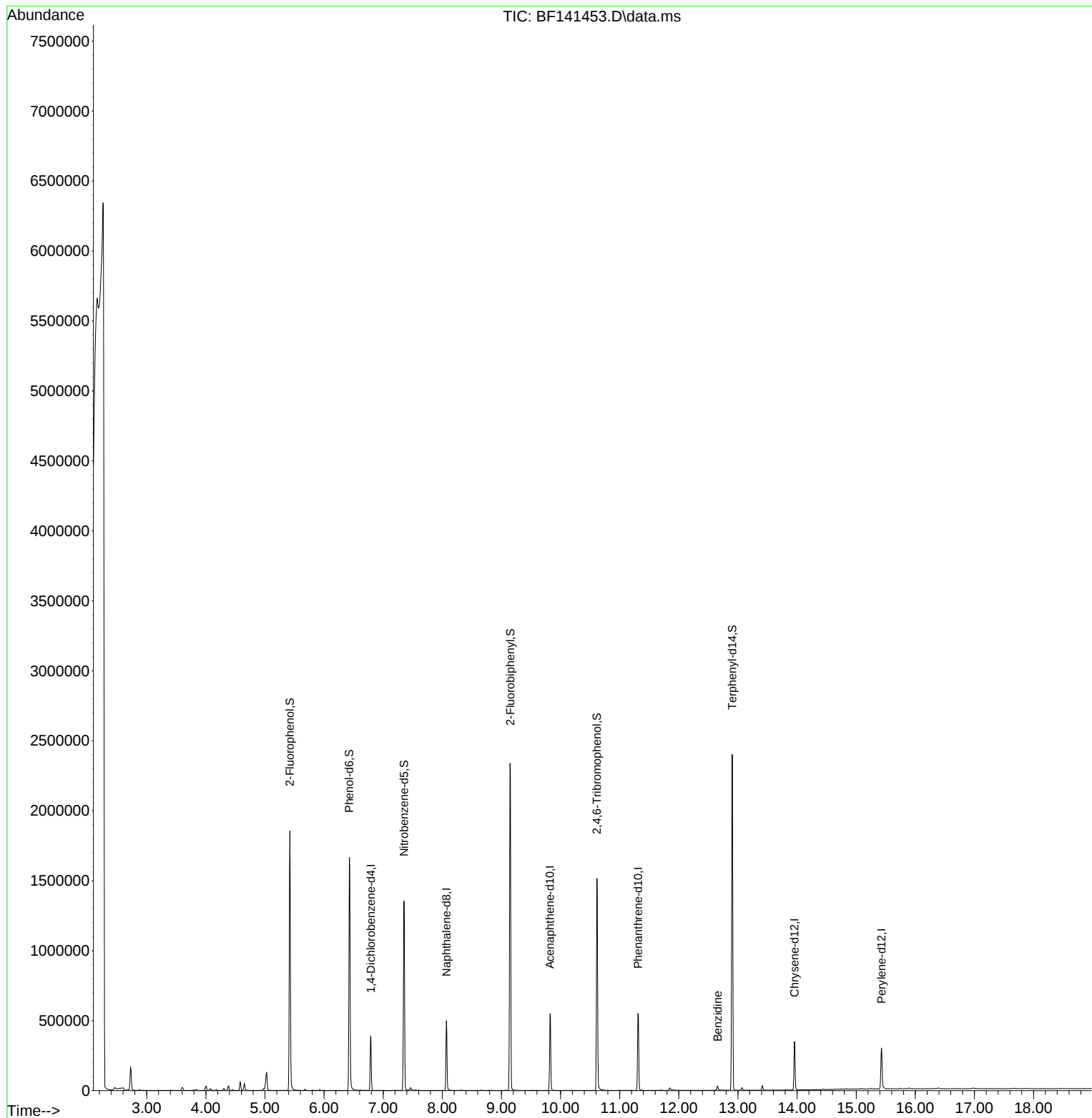
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	79438	20.000	ng	-0.01
21) Naphthalene-d8	8.069	136	313809	20.000	ng	#-0.02
39) Acenaphthene-d10	9.822	164	169630	20.000	ng	-0.02
64) Phenanthrene-d10	11.310	188	288034	20.000	ng	-0.02
76) Chrysene-d12	13.957	240	170634	20.000	ng	#-0.02
86) Perylene-d12	15.427	264	176168	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	655747	126.728	ng	0.01
7) Phenol-d6	6.428	99	754036	114.551	ng	-0.01
23) Nitrobenzene-d5	7.351	82	595614	100.057	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	240654	154.750	ng	-0.02
45) 2-Fluorobiphenyl	9.151	172	1064973	96.634	ng	-0.01
79) Terphenyl-d14	12.904	244	1165219	105.312	ng	-0.01
Target Compounds						Qvalue
77) Benzidine	12.657	184	19186	3.507	ng	99

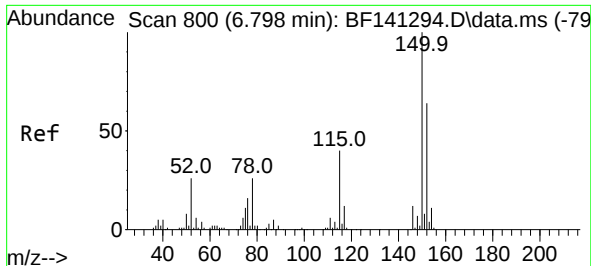
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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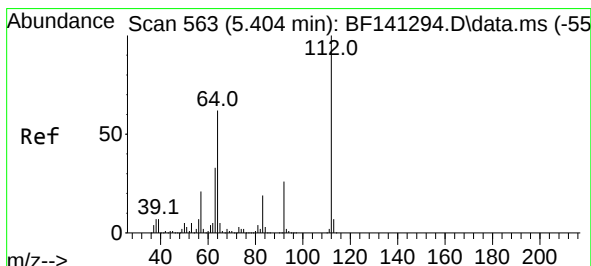
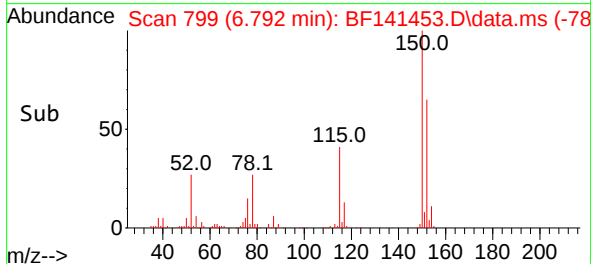
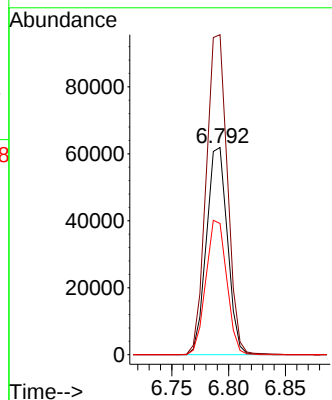
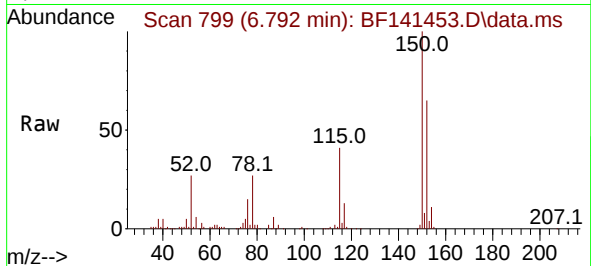




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.792 min Scan# 79
 Delta R.T. -0.012 min
 Lab File: BF141453.D
 Acq: 05 Feb 2025 18:01

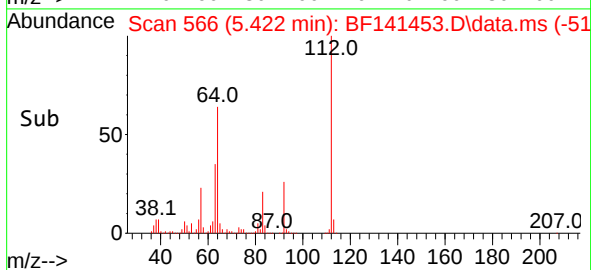
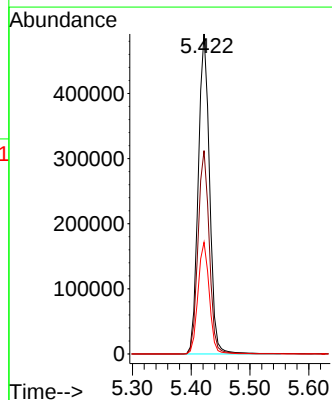
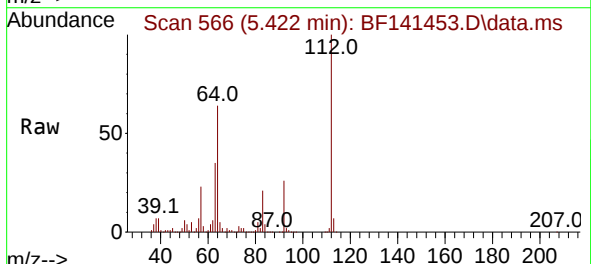
Instrument :
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 ClientSampleId :
 JPP-5.1-012725

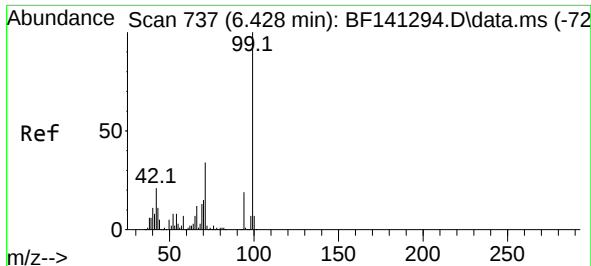
Tgt Ion:152 Resp: 79438
 Ion Ratio Lower Upper
 152 100
 150 154.4 125.9 188.9
 115 63.3 49.7 74.5



#5
 2-Fluorophenol
 Concen: 126.728 ng
 RT: 5.422 min Scan# 566
 Delta R.T. 0.012 min
 Lab File: BF141453.D
 Acq: 05 Feb 2025 18:01

Tgt Ion:112 Resp: 655747
 Ion Ratio Lower Upper
 112 100
 64 63.5 49.8 74.8
 63 34.9 26.1 39.1

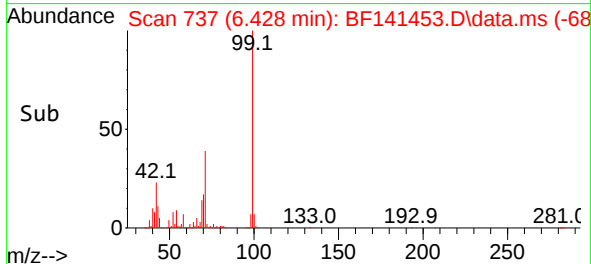
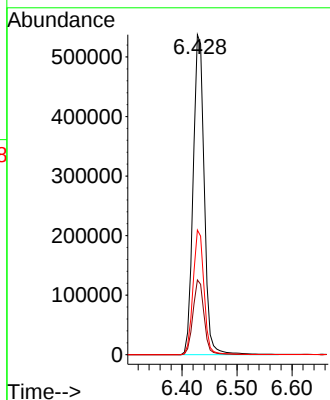
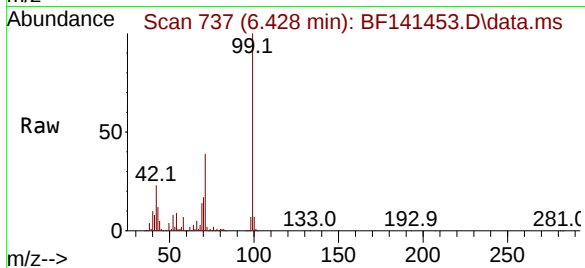




#7
Phenol-d6
Concen: 114.551 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141453.D
Acq: 05 Feb 2025 18:01

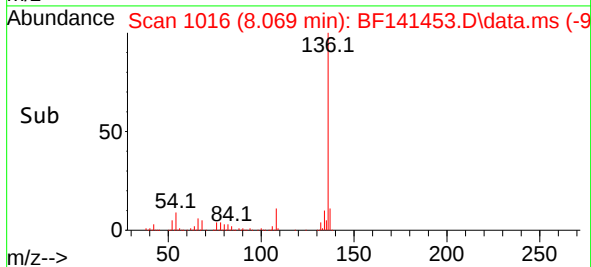
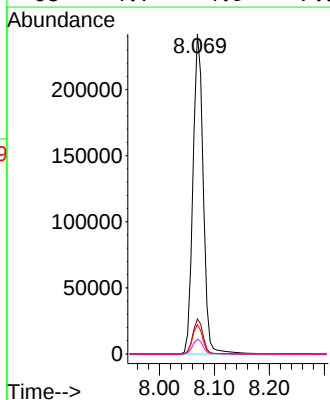
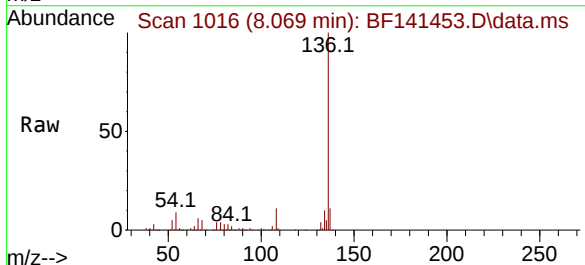
Instrument :
BNA_F
ClientSampleId :
JPP-5.1-012725

Tgt Ion: 99 Resp: 754036
Ion Ratio Lower Upper
99 100
42 23.4 17.1 25.7
71 39.0 26.9 40.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.018 min
Lab File: BF141453.D
Acq: 05 Feb 2025 18:01

Tgt Ion:136 Resp: 313809
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.1 7.8 11.8
68 4.7 4.9 7.3#

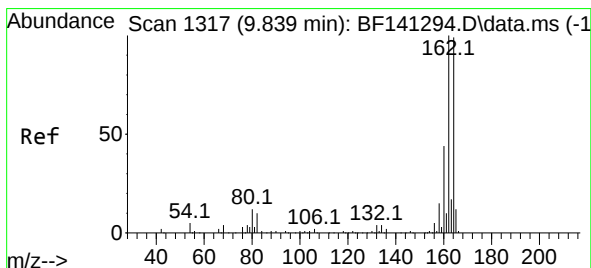
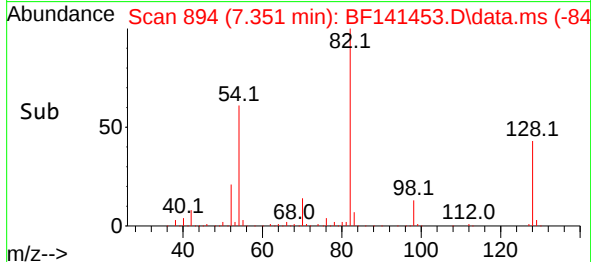
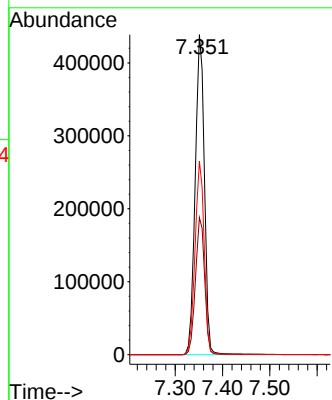
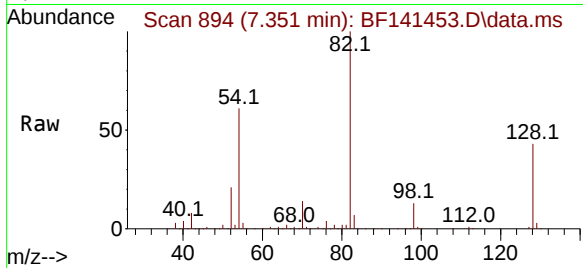




#23
Nitrobenzene-d5
Concen: 100.057 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.018 min
Lab File: BF141453.D
Acq: 05 Feb 2025 18:01

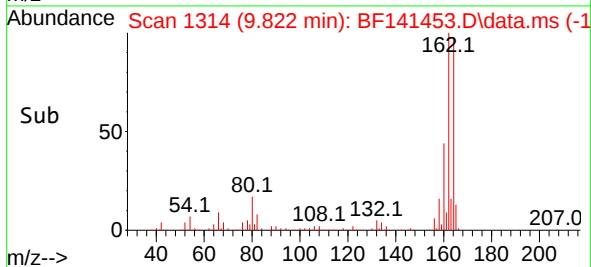
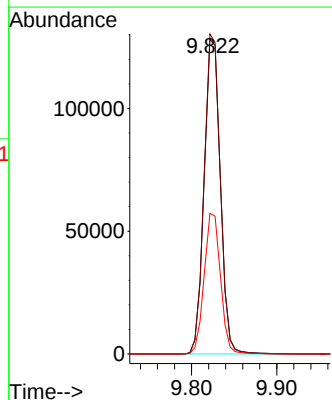
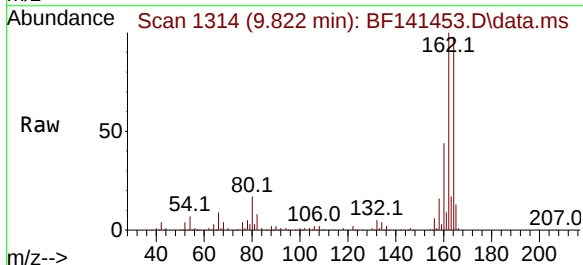
Instrument :
BNA_F
ClientSampleId :
JPP-5.1-012725

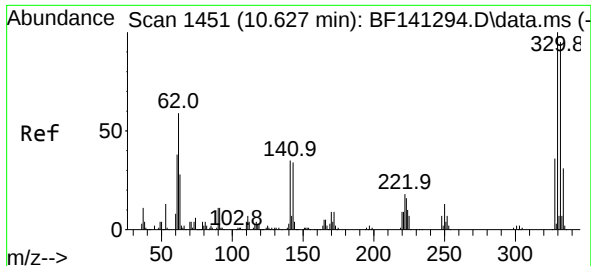
Tgt Ion: 82 Resp: 595614
Ion Ratio Lower Upper
82 100
128 42.8 35.7 53.5
54 60.5 47.1 70.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1314
Delta R.T. -0.018 min
Lab File: BF141453.D
Acq: 05 Feb 2025 18:01

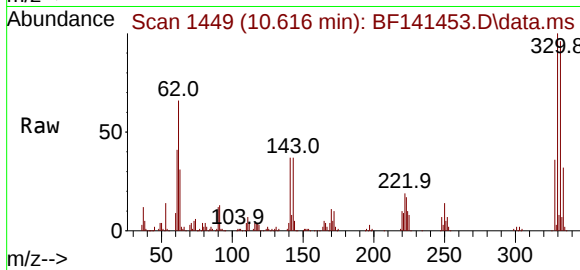
Tgt Ion:164 Resp: 169630
Ion Ratio Lower Upper
164 100
162 101.7 80.6 121.0
160 44.7 35.8 53.6



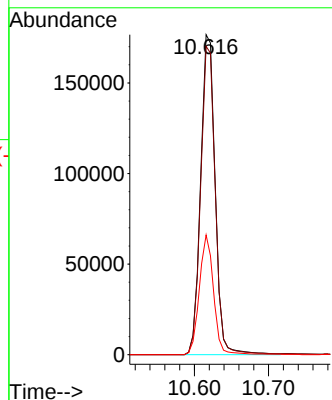
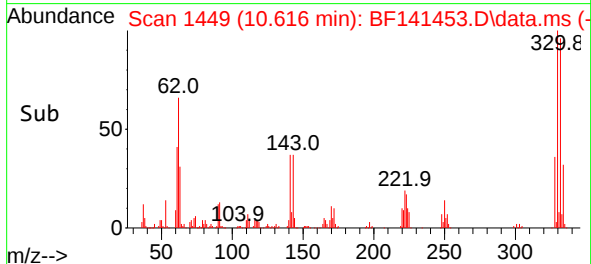


#42
2,4,6-Tribromophenol
Concen: 154.750 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.018 min
Lab File: BF141453.D
Acq: 05 Feb 2025 18:01

Instrument :
BNA_F
ClientSampleId :
JPP-5.1-012725

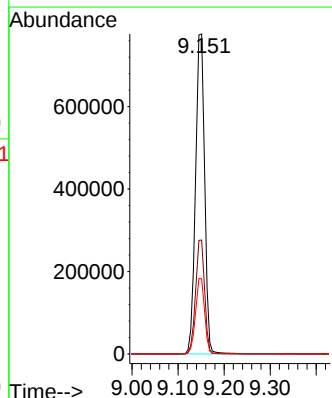
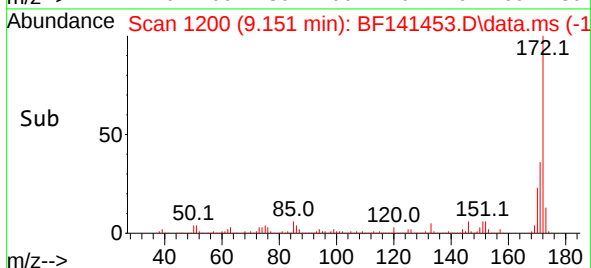
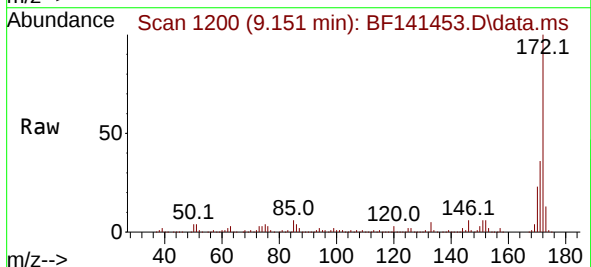


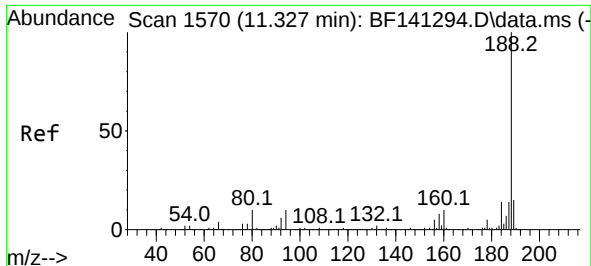
Tgt Ion:330 Resp: 240654
Ion Ratio Lower Upper
330 100
332 96.8 76.1 114.1
141 36.9 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 96.634 ng
RT: 9.151 min Scan# 1200
Delta R.T. -0.012 min
Lab File: BF141453.D
Acq: 05 Feb 2025 18:01

Tgt Ion:172 Resp: 1064973
Ion Ratio Lower Upper
172 100
171 35.6 28.8 43.2
170 23.5 19.0 28.6

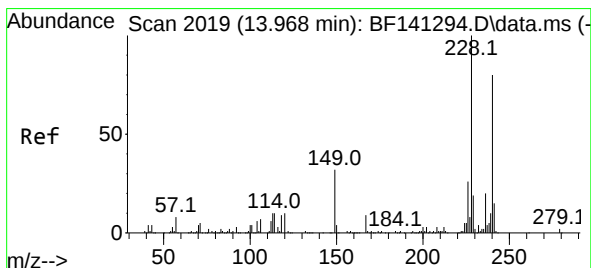
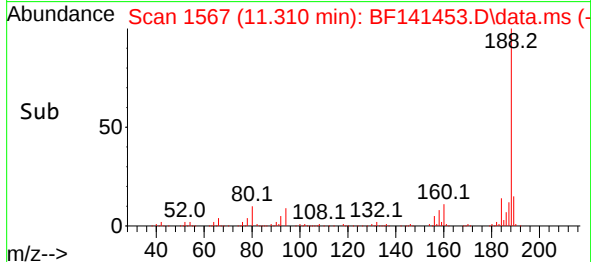
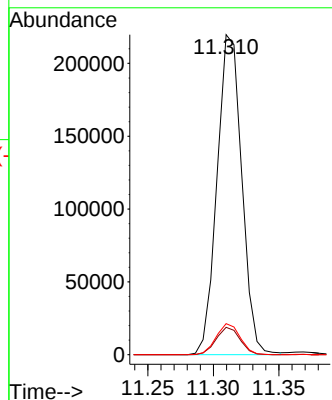
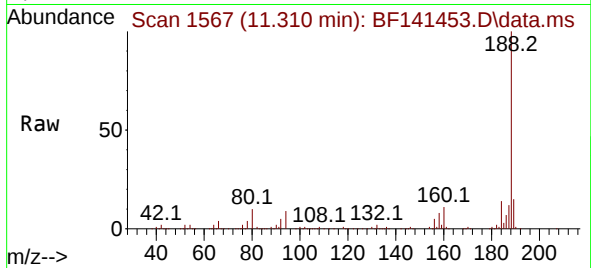




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141453.D
Acq: 05 Feb 2025 18:01

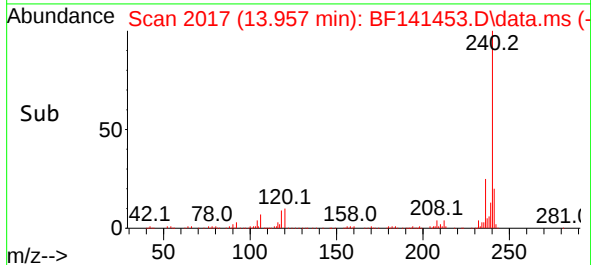
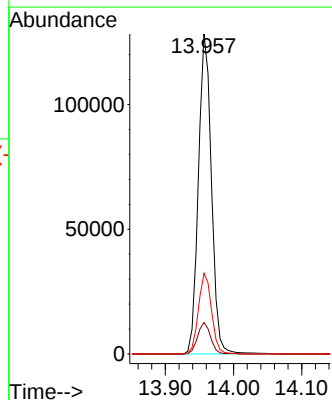
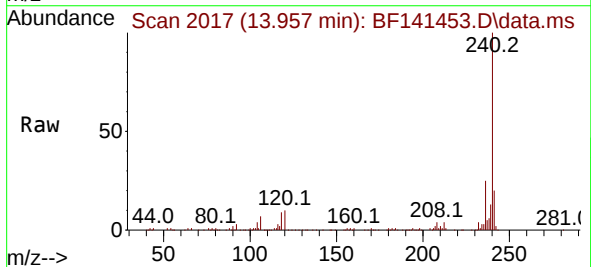
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ClientSampleId :
JPP-5.1-012725

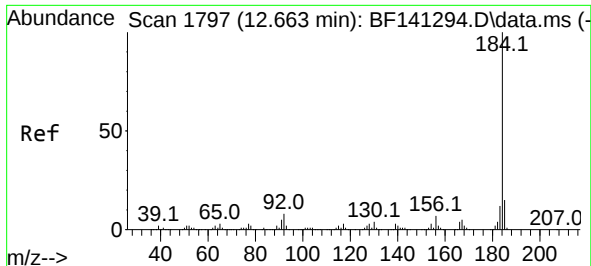
Tgt Ion:188 Resp: 288034
Ion Ratio Lower Upper
188 100
94 8.6 7.8 11.6
80 9.7 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.018 min
Lab File: BF141453.D
Acq: 05 Feb 2025 18:01

Tgt Ion:240 Resp: 170634
Ion Ratio Lower Upper
240 100
120 9.8 10.0 15.0#
236 25.2 19.7 29.5

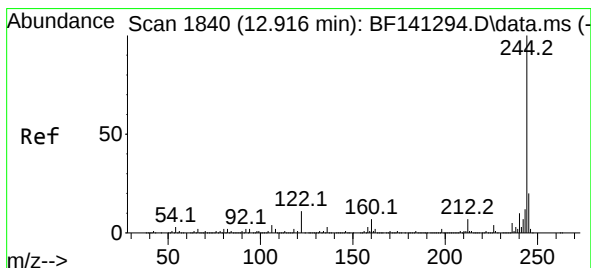
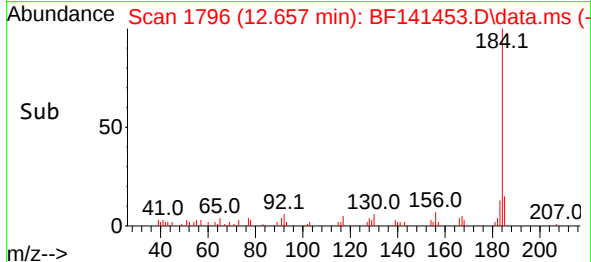
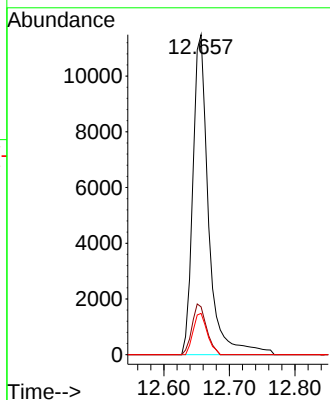
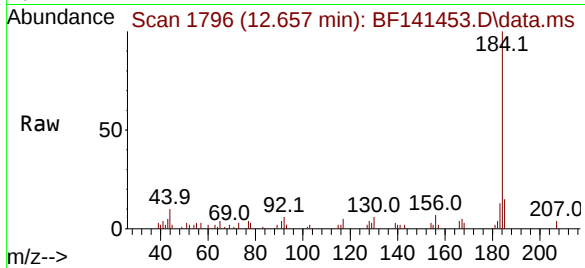




#77
Benzidine
Concen: 3.507 ng
RT: 12.657 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141453.D
Acq: 05 Feb 2025 18:01

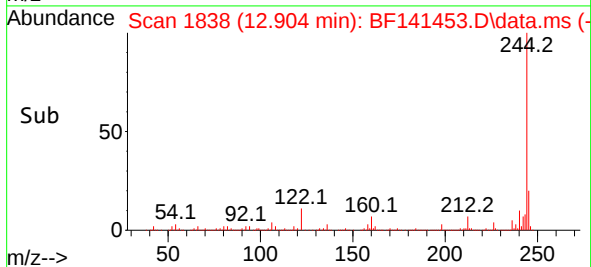
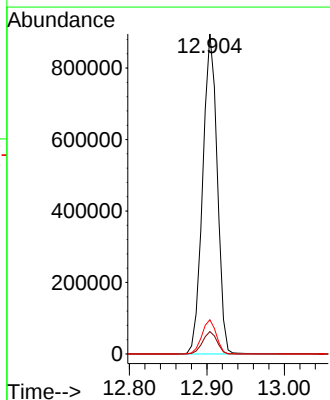
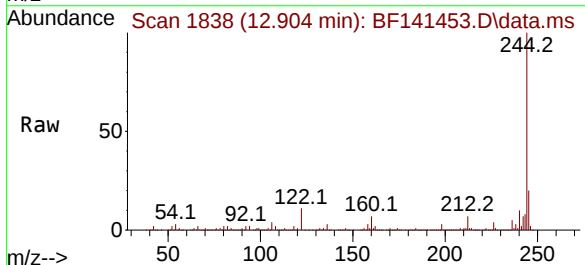
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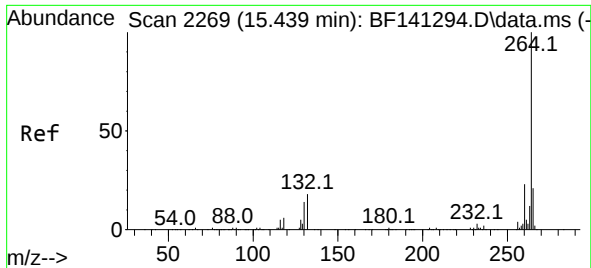
Tgt Ion:184 Resp: 19186
Ion Ratio Lower Upper
184 100
185 15.0 11.9 17.9
183 12.9 9.5 14.3



#79
Terphenyl-d14
Concen: 105.312 ng
RT: 12.904 min Scan# 1838
Delta R.T. -0.012 min
Lab File: BF141453.D
Acq: 05 Feb 2025 18:01

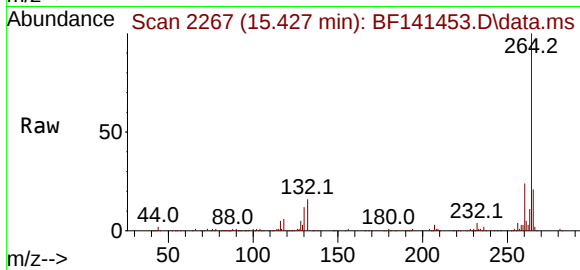
Tgt Ion:244 Resp: 1165219
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.0
122 10.7 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.427 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF141453.D
 Acq: 05 Feb 2025 18:01

Instrument :
 BNA_F
 ClientSampleId :
 JPP-5.1-012725



Tgt Ion:264 Resp: 176168
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.6 27.8
 265 21.3 16.7 25.1

