

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
 Data File : BF141456.D
 Acq On : 05 Feb 2025 19:20
 Operator : RC/JU
 Sample : Q1207-16
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JPP-16.2-012725

Quant Time: Feb 06 01:45:35 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	6.787	152	70116	20.000	ng	-0.02
21) Naphthalene-d8	8.069	136	274847	20.000	ng	#-0.02
39) Acenaphthene-d10	9.822	164	148681	20.000	ng	-0.02
64) Phenanthrene-d10	11.310	188	249488	20.000	ng	-0.02
76) Chrysene-d12	13.957	240	146891	20.000	ng	-0.02
86) Perylene-d12	15.427	264	157396	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	642185	140.608	ng	0.01
7) Phenol-d6	6.428	99	746850	128.544	ng	-0.01
23) Nitrobenzene-d5	7.351	82	565944	108.550	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	232332	170.449	ng	-0.02
45) 2-Fluorobiphenyl	9.145	172	1033724	107.014	ng	-0.02
79) Terphenyl-d14	12.904	244	1102246	115.723	ng	-0.01

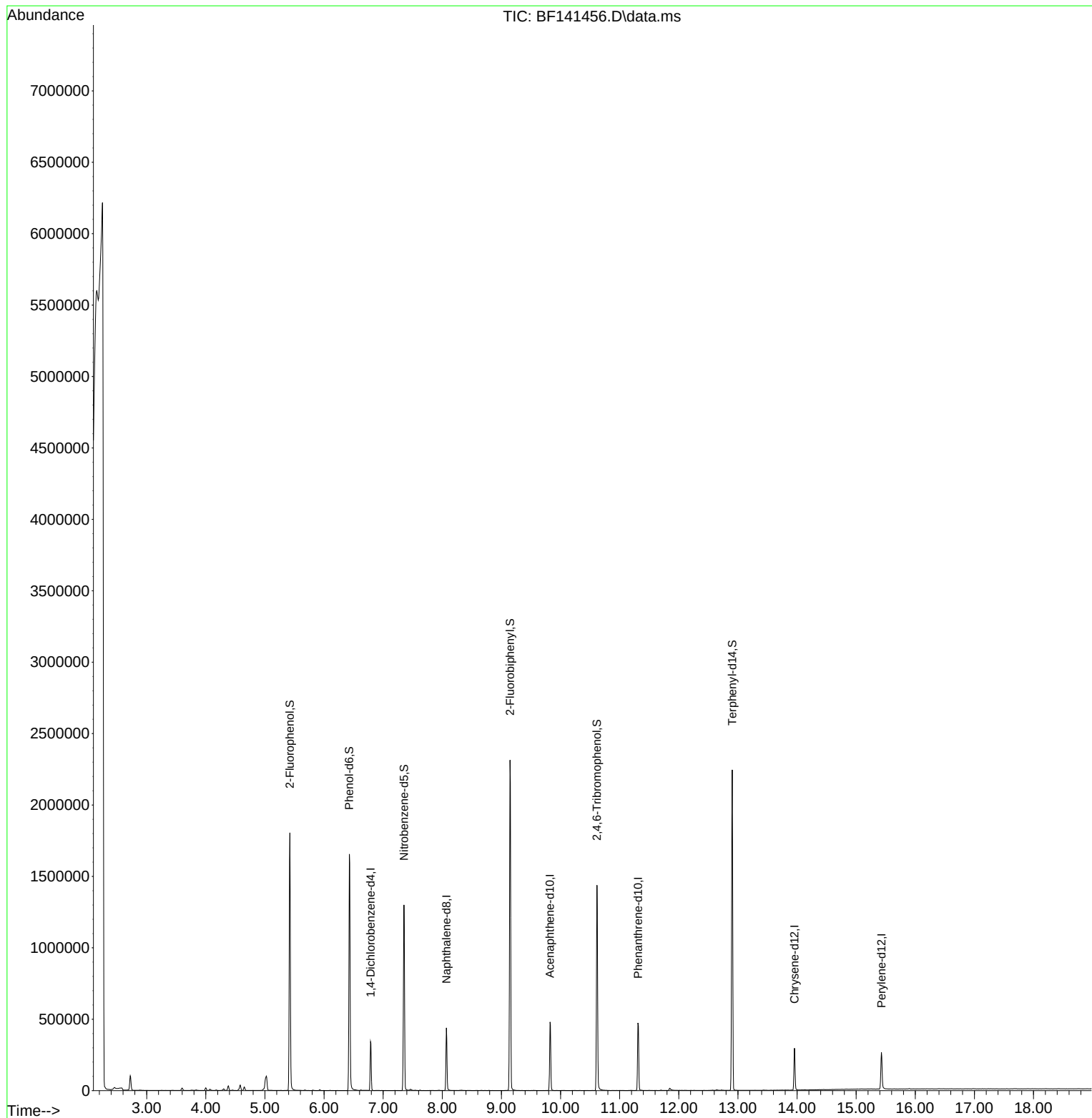
Target Compounds	Qvalue

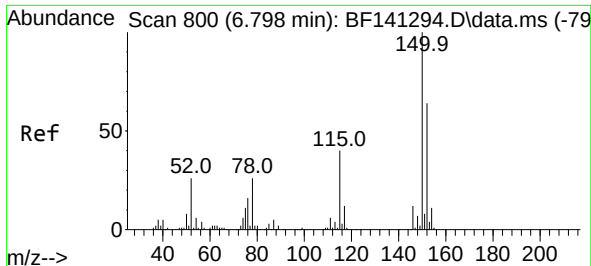
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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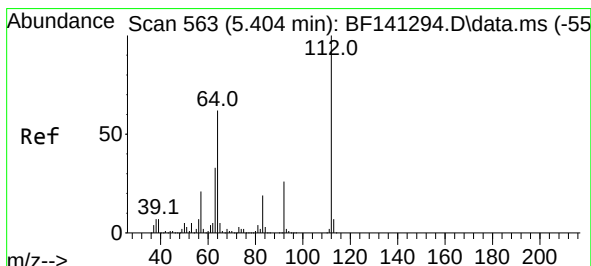
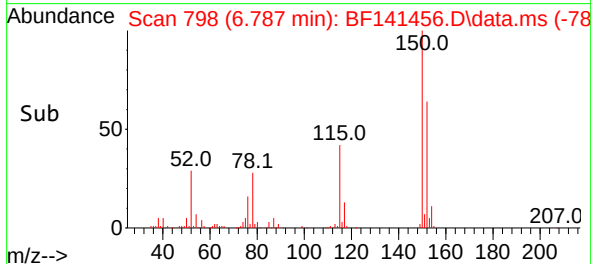
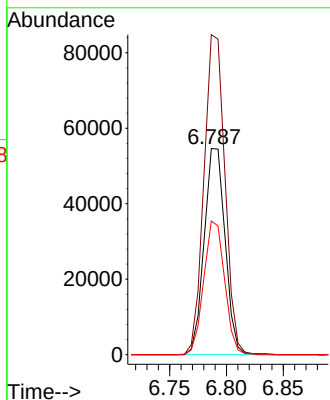
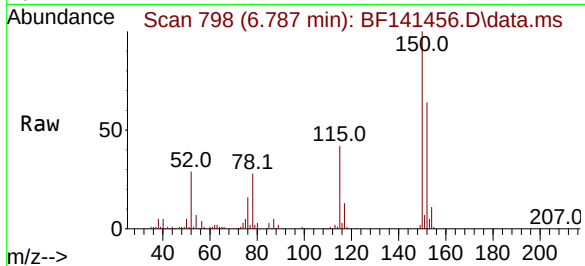




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 70
 Delta R.T. -0.017 min
 Lab File: BF141456.D
 Acq: 05 Feb 2025 19:20

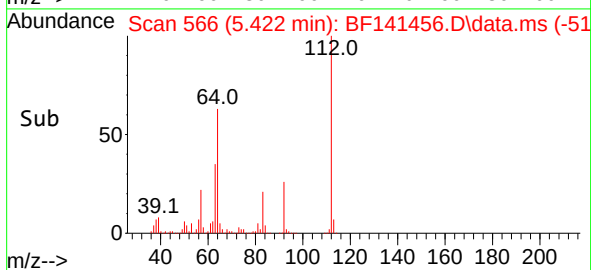
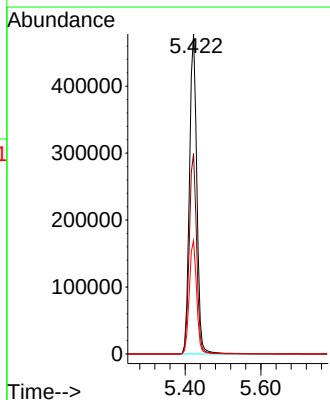
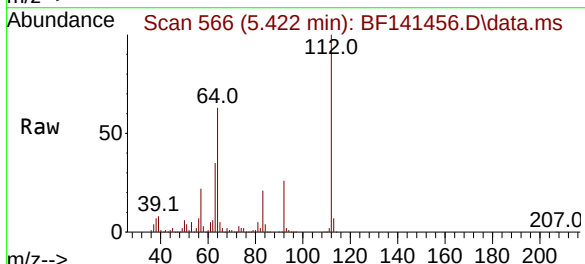
Instrument :
 BNA_F
 ClientSampleId :
 JPP-16.2-012725

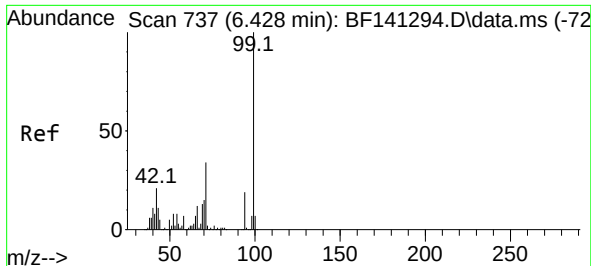
Tgt Ion:152 Resp: 70116
 Ion Ratio Lower Upper
 152 100
 150 155.3 125.9 188.9
 115 64.8 49.7 74.5



#5
 2-Fluorophenol
 Concen: 140.608 ng
 RT: 5.422 min Scan# 566
 Delta R.T. 0.012 min
 Lab File: BF141456.D
 Acq: 05 Feb 2025 19:20

Tgt Ion:112 Resp: 642185
 Ion Ratio Lower Upper
 112 100
 64 62.6 49.8 74.8
 63 35.4 26.1 39.1

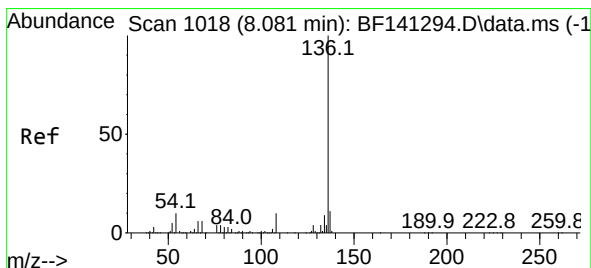
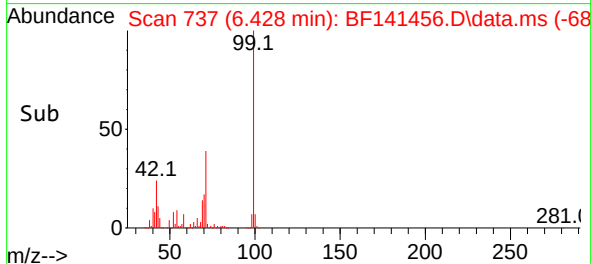
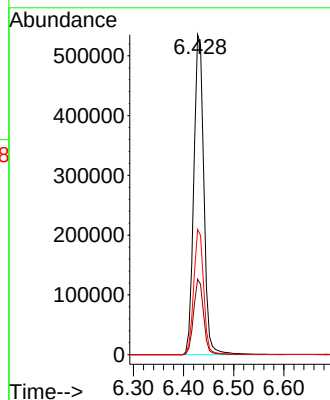
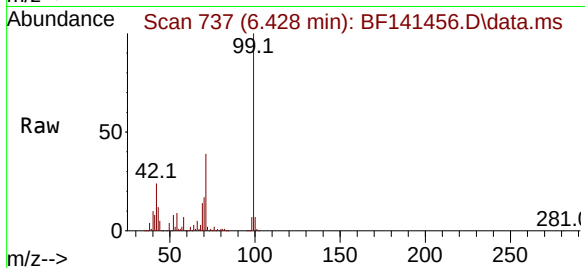




#7
Phenol-d6
Concen: 128.544 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141456.D
Acq: 05 Feb 2025 19:20

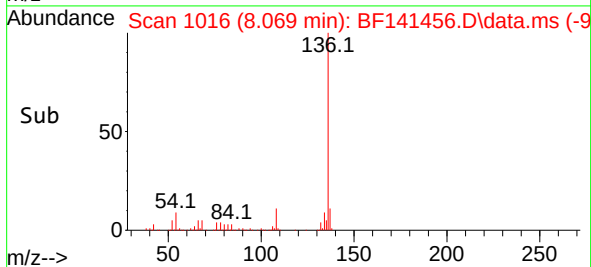
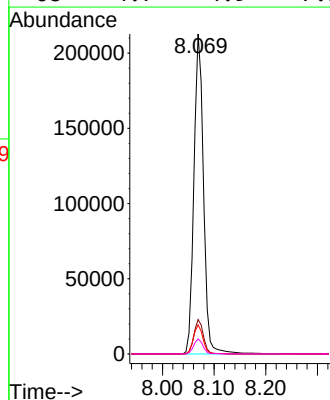
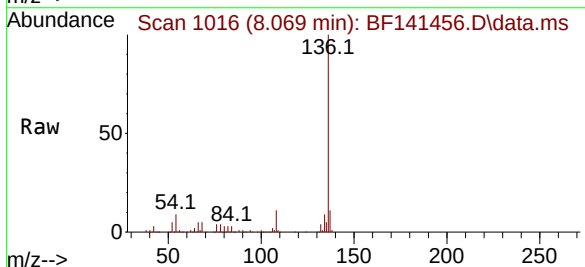
Instrument :
BNA_F
ClientSampleId :
JPP-16.2-012725

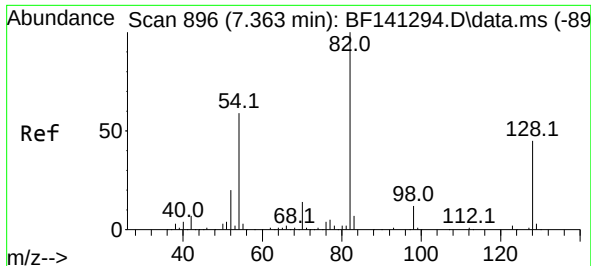
Tgt Ion: 99 Resp: 746850
Ion Ratio Lower Upper
99 100
42 23.6 17.1 25.7
71 39.2 26.9 40.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.018 min
Lab File: BF141456.D
Acq: 05 Feb 2025 19:20

Tgt Ion: 136 Resp: 274847
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.1 7.8 11.8
68 4.7 4.9 7.3#

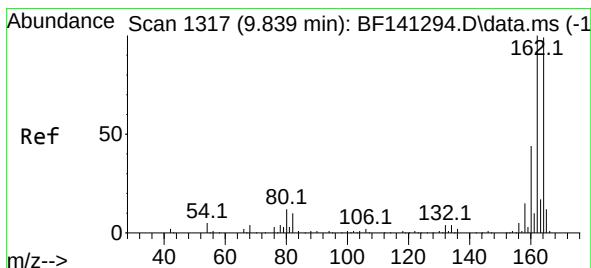
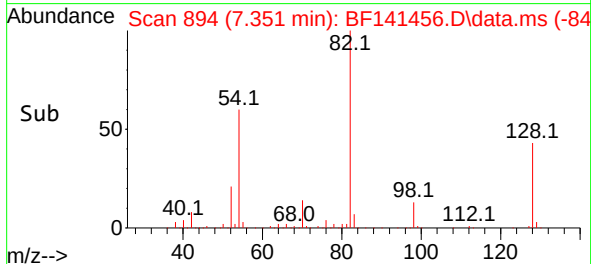
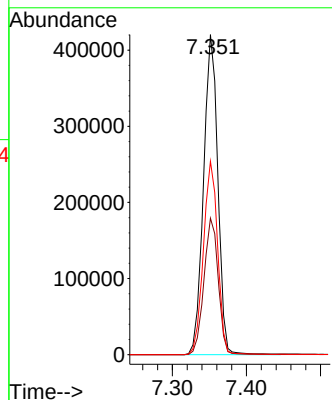
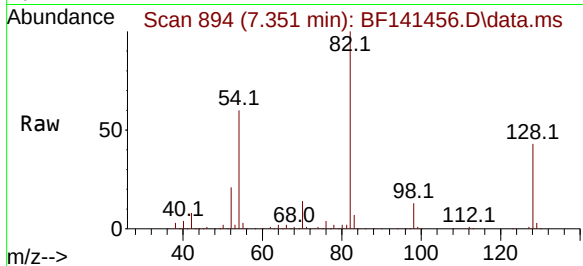




#23
 Nitrobenzene-d5
 Concen: 108.550 ng
 RT: 7.351 min Scan# 894
 Delta R.T. -0.018 min
 Lab File: BF141456.D
 Acq: 05 Feb 2025 19:20

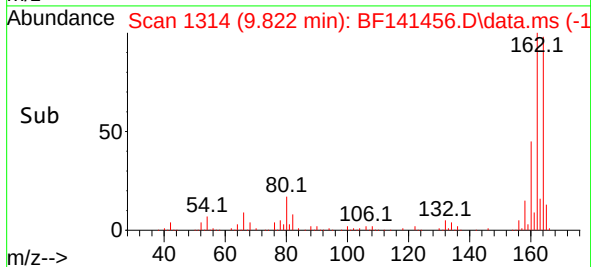
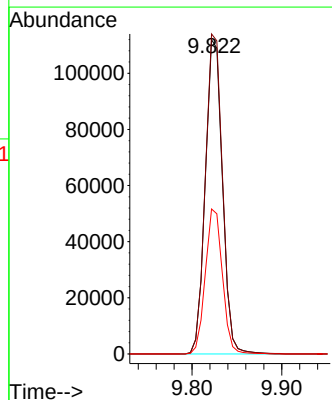
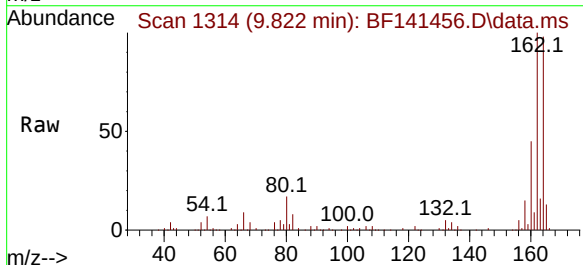
Instrument :
 BNA_F
 ClientSampleId :
 JPP-16.2-012725

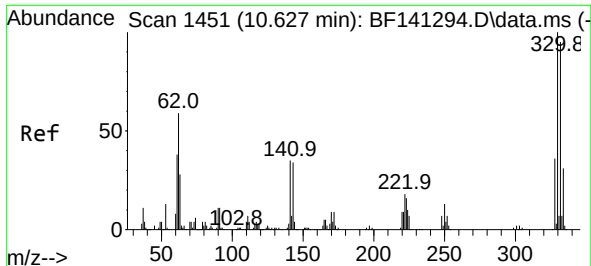
Tgt Ion: 82 Resp: 565944
 Ion Ratio Lower Upper
 82 100
 128 42.7 35.7 53.5
 54 60.5 47.1 70.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.822 min Scan# 1314
 Delta R.T. -0.018 min
 Lab File: BF141456.D
 Acq: 05 Feb 2025 19:20

Tgt Ion:164 Resp: 148681
 Ion Ratio Lower Upper
 164 100
 162 101.8 80.6 121.0
 160 46.1 35.8 53.6

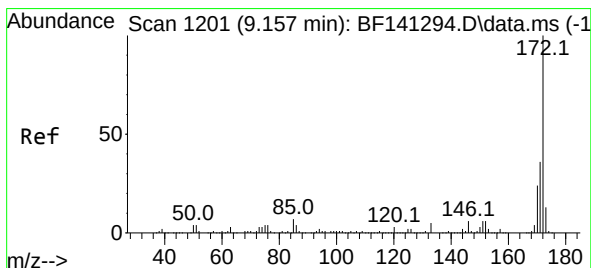
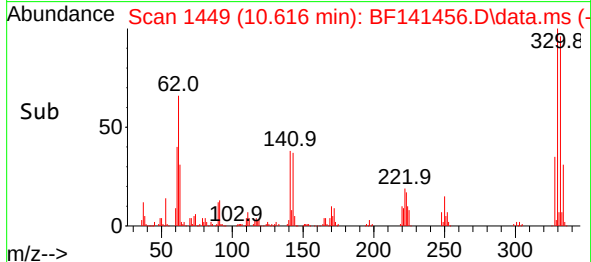
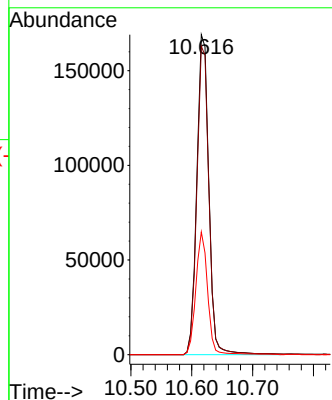
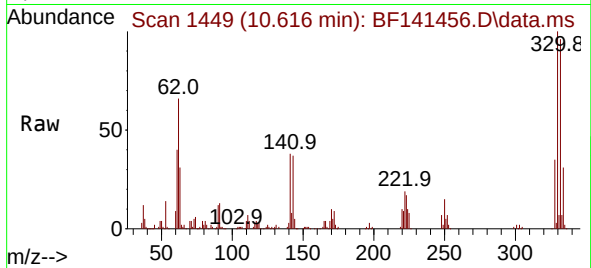




#42
2,4,6-Tribromophenol
Concen: 170.449 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.018 min
Lab File: BF141456.D
Acq: 05 Feb 2025 19:20

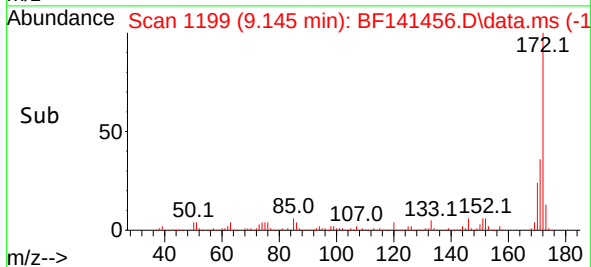
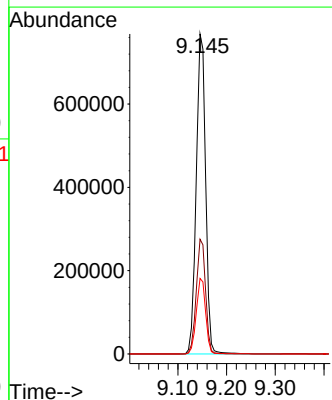
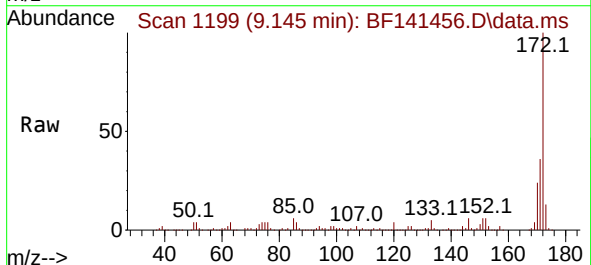
Instrument :
BNA_F
ClientSampleId :
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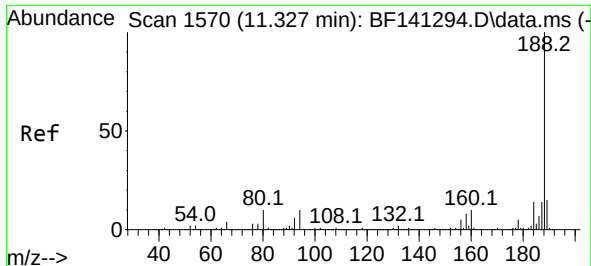
Tgt Ion:330 Resp: 232332
Ion Ratio Lower Upper
330 100
332 97.0 76.1 114.1
141 37.6 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 107.014 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.018 min
Lab File: BF141456.D
Acq: 05 Feb 2025 19:20

Tgt Ion:172 Resp: 1033724
Ion Ratio Lower Upper
172 100
171 35.8 28.8 43.2
170 23.6 19.0 28.6

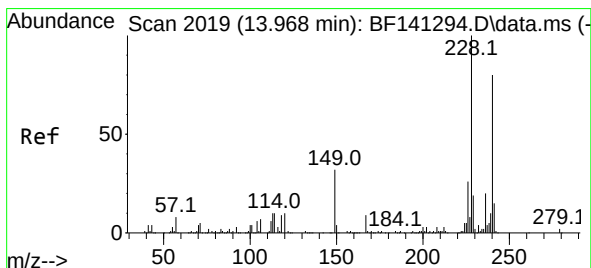
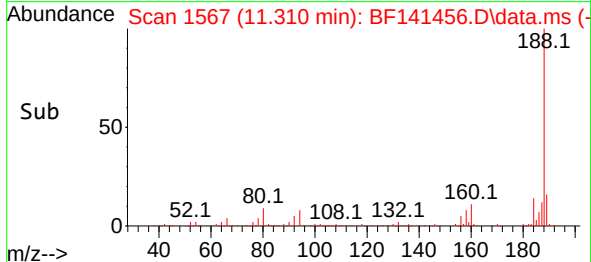
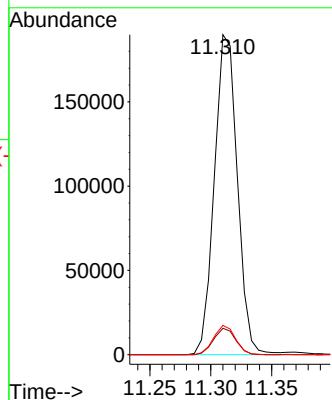
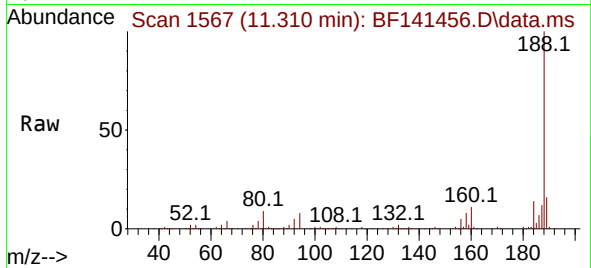




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141456.D
Acq: 05 Feb 2025 19:20

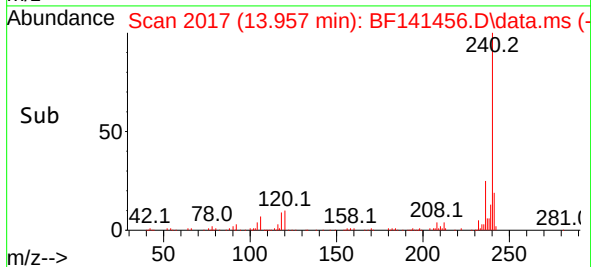
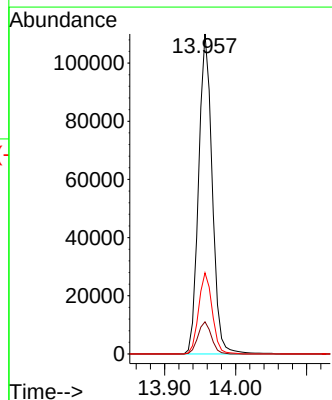
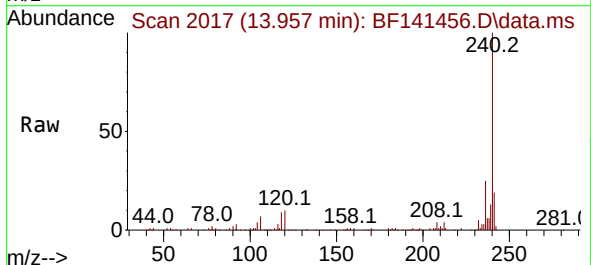
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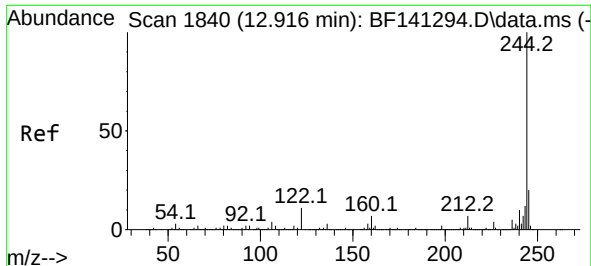
Tgt Ion:188 Resp: 249488
Ion Ratio Lower Upper
188 100
94 8.3 7.8 11.6
80 9.2 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.018 min
Lab File: BF141456.D
Acq: 05 Feb 2025 19:20

Tgt Ion:240 Resp: 146891
Ion Ratio Lower Upper
240 100
120 10.1 10.0 15.0
236 25.4 19.7 29.5

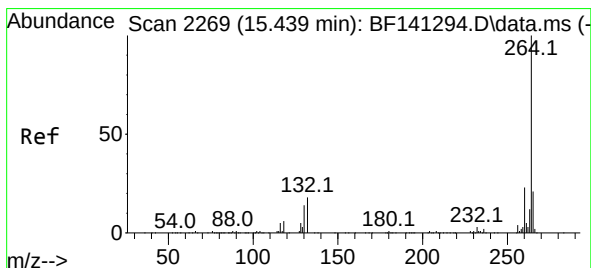
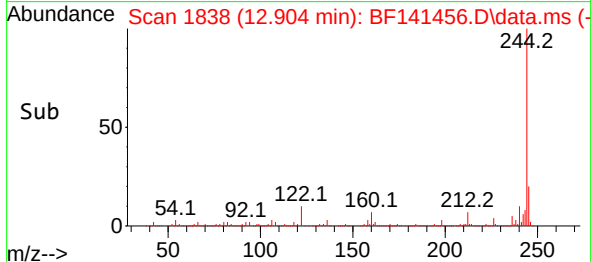
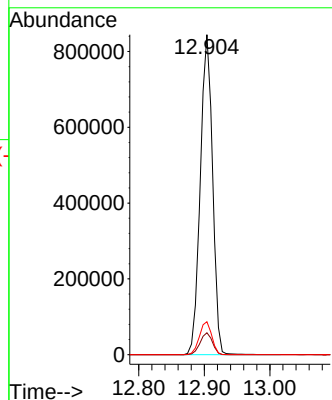
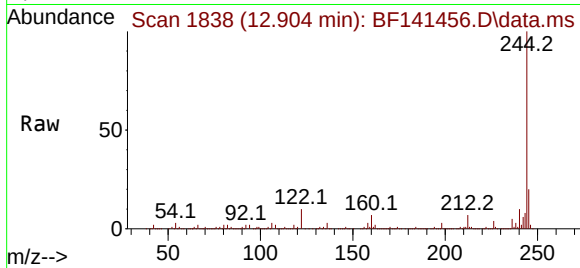




#79
 Terphenyl-d14
 Concen: 115.723 ng
 RT: 12.904 min Scan# 1838
 Delta R.T. -0.012 min
 Lab File: BF141456.D
 Acq: 05 Feb 2025 19:20

Instrument :
 BNA_F
 ClientSampleId :
 JPP-16.2-012725

Tgt Ion:244 Resp: 1102246
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 10.3 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.427 min Scan# 2267
 Delta R.T. -0.012 min
 Lab File: BF141456.D
 Acq: 05 Feb 2025 19:20

Tgt Ion:264 Resp: 157396
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.6 27.8
 265 21.4 16.7 25.1

