

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
 Data File : BF141450.D
 Acq On : 05 Feb 2025 16:42
 Operator : RC/JU
 Sample : Q1215-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JPP-29.2-012825

Quant Time: Feb 05 17:38:50 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)

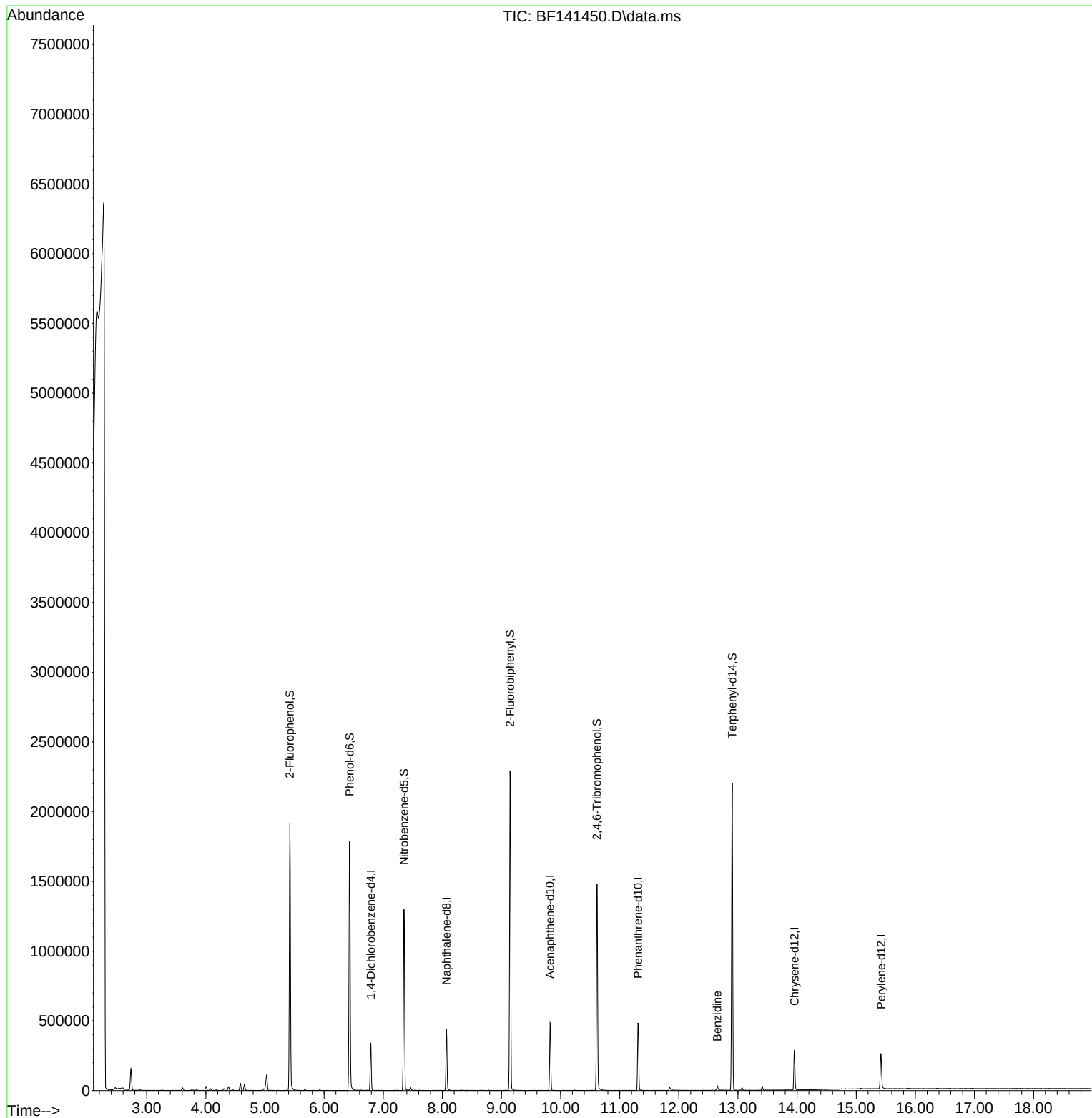
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	68946	20.000	ng	-0.01
21) Naphthalene-d8	8.069	136	276340	20.000	ng	-0.02
39) Acenaphthene-d10	9.822	164	148327	20.000	ng	-0.02
64) Phenanthrene-d10	11.310	188	254572	20.000	ng	-0.02
76) Chrysene-d12	13.957	240	146604	20.000	ng	#-0.02
86) Perylene-d12	15.421	264	157418	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	679253	151.247	ng	0.01
7) Phenol-d6	6.434	99	810676	141.897	ng	0.00
23) Nitrobenzene-d5	7.351	82	565344	107.849	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	235706	173.337	ng	-0.02
45) 2-Fluorobiphenyl	9.145	172	1029990	106.882	ng	-0.02
79) Terphenyl-d14	12.904	244	1072122	112.781	ng	-0.01
Target Compounds						
77) Benzidine	12.651	184	18439	3.923	ng	Qvalue 96

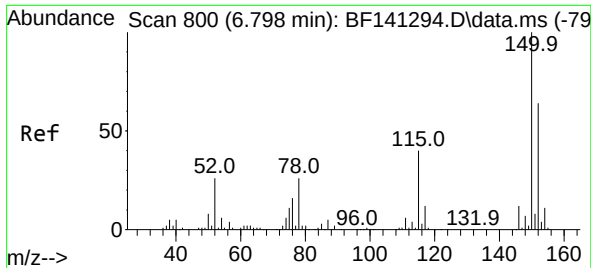
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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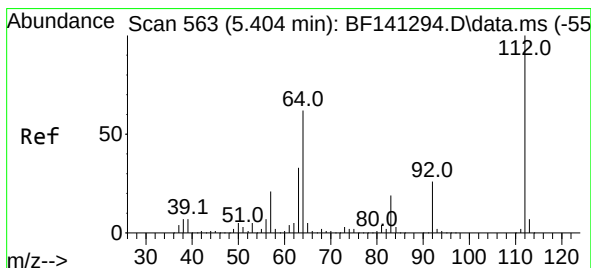
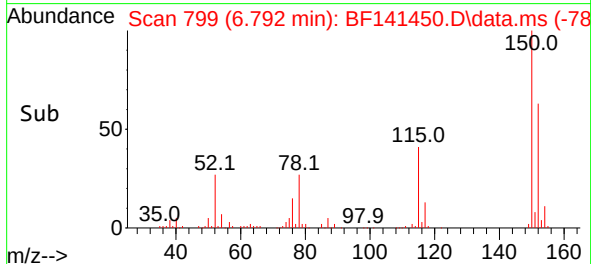
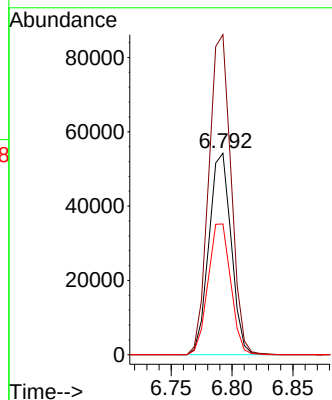
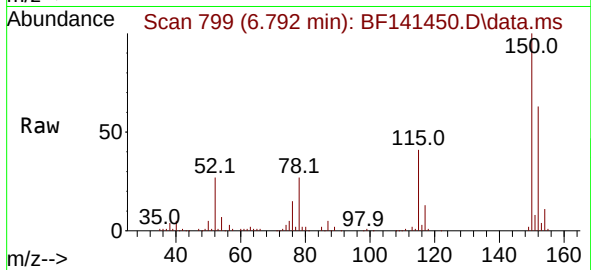




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 79
Delta R.T. -0.012 min
Lab File: BF141450.D
Acq: 05 Feb 2025 16:42

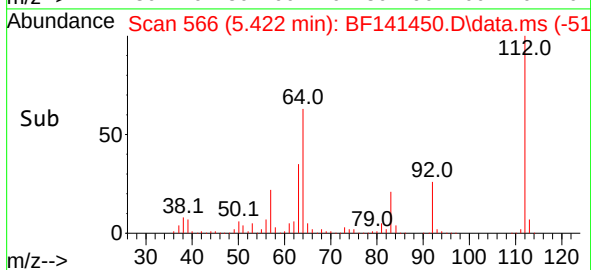
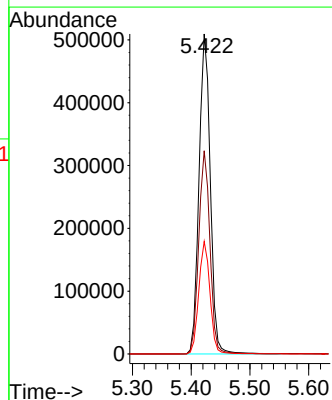
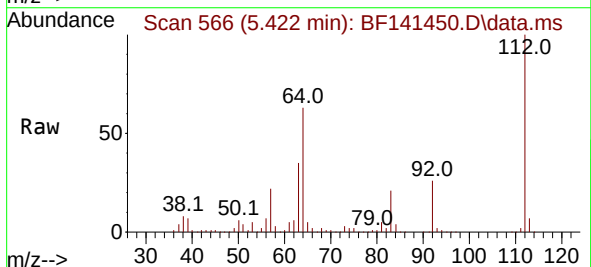
Instrument :
BNA_F
ClientSampleId :
JPP-29.2-012825

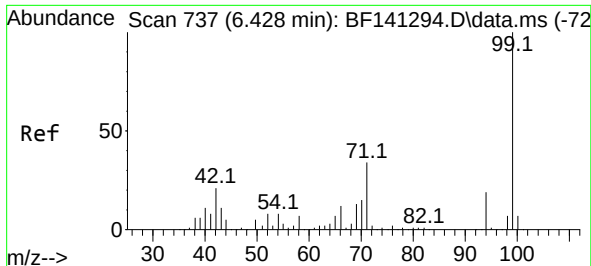
Tgt Ion:152 Resp: 68946
Ion Ratio Lower Upper
152 100
150 158.8 125.9 188.9
115 64.8 49.7 74.5



#5
2-Fluorophenol
Concen: 151.247 ng
RT: 5.422 min Scan# 566
Delta R.T. 0.012 min
Lab File: BF141450.D
Acq: 05 Feb 2025 16:42

Tgt Ion:112 Resp: 679253
Ion Ratio Lower Upper
112 100
64 63.5 49.8 74.8
63 35.2 26.1 39.1

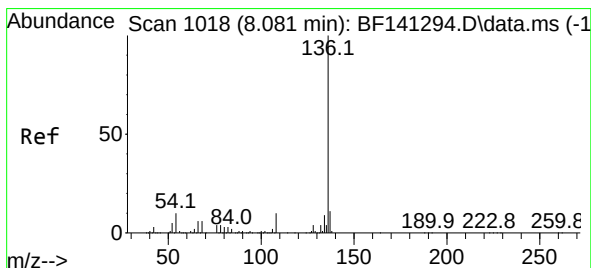
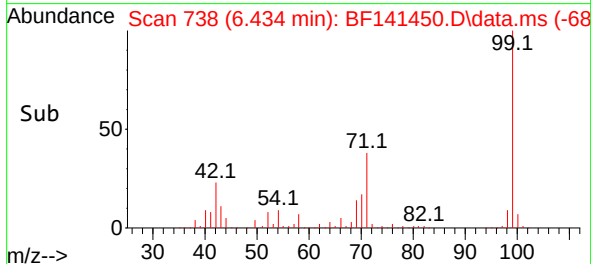
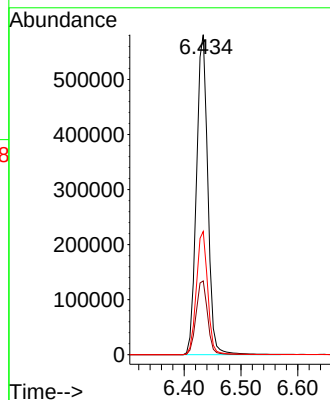
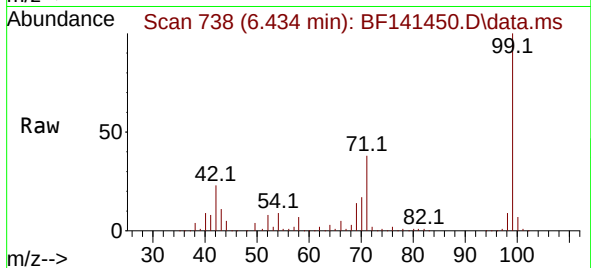




#7
Phenol-d6
Concen: 141.897 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141450.D
Acq: 05 Feb 2025 16:42

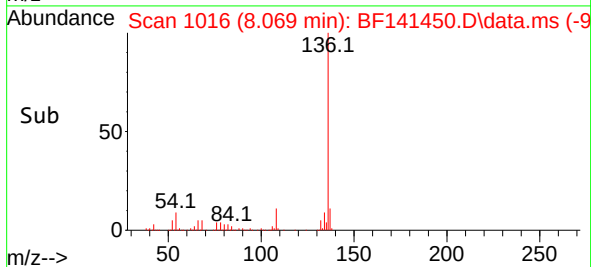
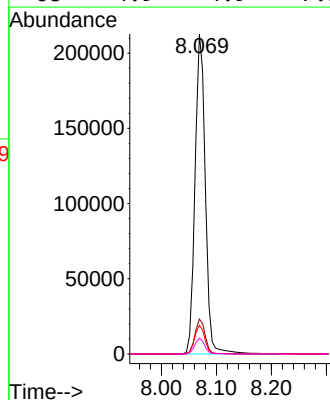
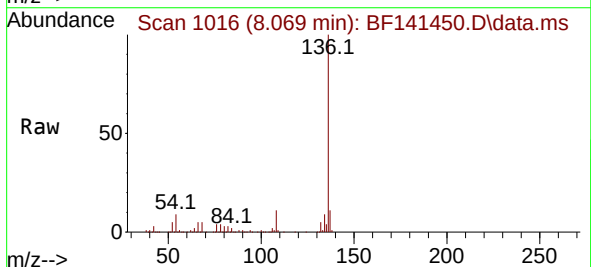
Instrument :
BNA_F
ClientSampleId :
JPP-29.2-012825

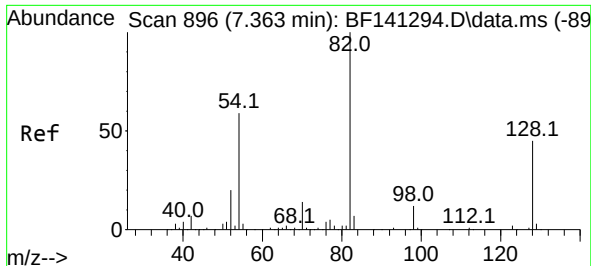
Tgt Ion: 99 Resp: 810676
Ion Ratio Lower Upper
99 100
42 23.1 17.1 25.7
71 38.5 26.9 40.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.018 min
Lab File: BF141450.D
Acq: 05 Feb 2025 16:42

Tgt Ion: 136 Resp: 276340
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.0 7.8 11.8
68 4.9 4.9 7.3





#23

Nitrobenzene-d5

Concen: 107.849 ng

RT: 7.351 min Scan# 894

Delta R.T. -0.018 min

Lab File: BF141450.D

Acq: 05 Feb 2025 16:42

Instrument :

BNA_F

ClientSampleId :

JPP-29.2-012825

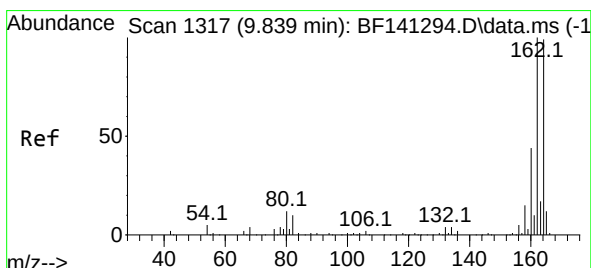
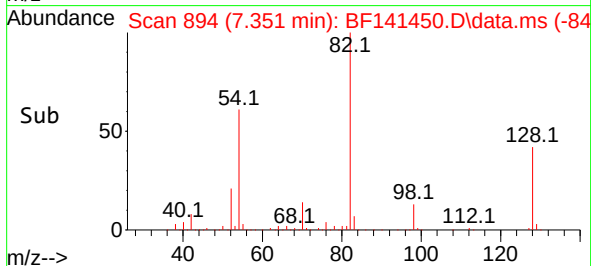
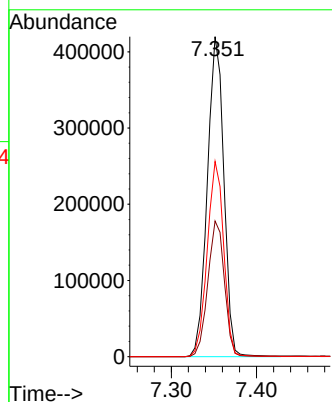
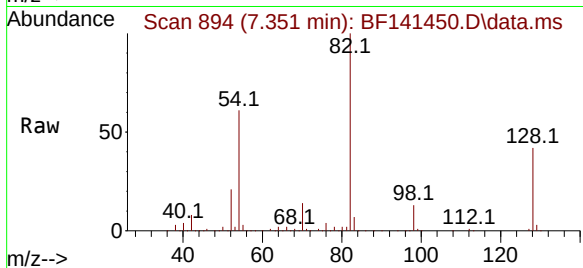
Tgt Ion: 82 Resp: 565344

Ion Ratio Lower Upper

82 100

128 42.4 35.7 53.5

54 61.0 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: BF141450.D

Acq: 05 Feb 2025 16:42

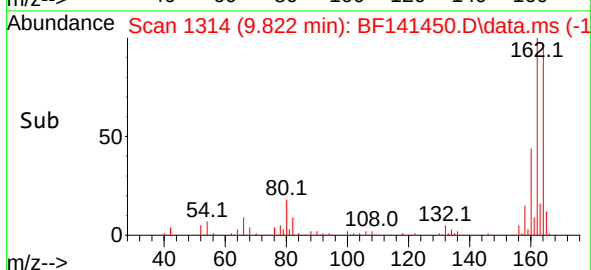
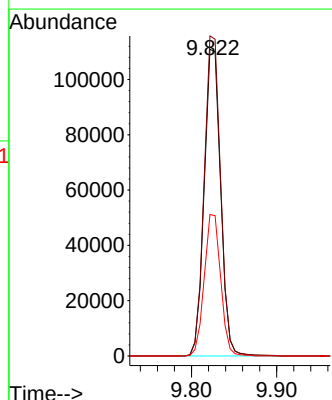
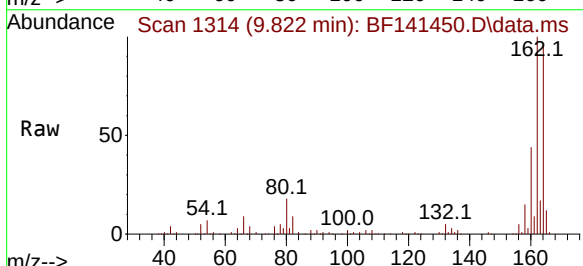
Tgt Ion:164 Resp: 148327

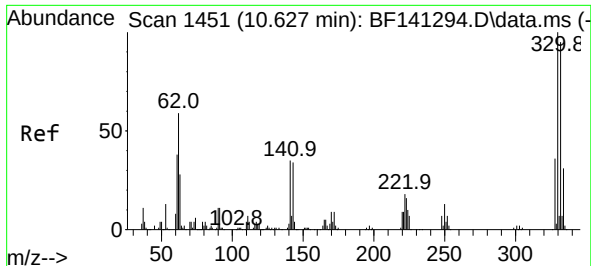
Ion Ratio Lower Upper

164 100

162 104.3 80.6 121.0

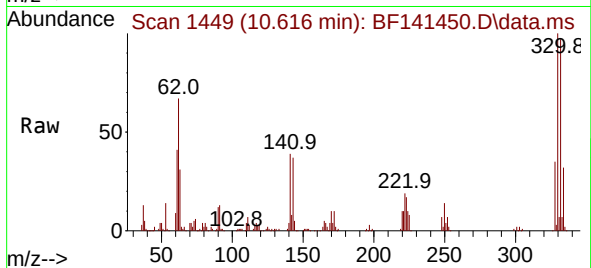
160 46.1 35.8 53.6



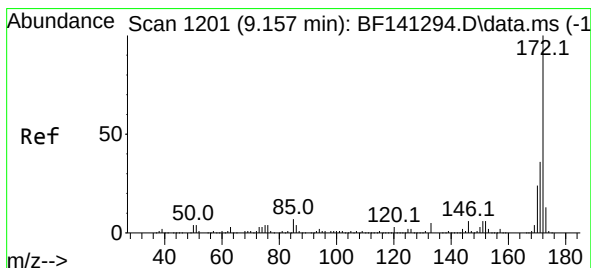
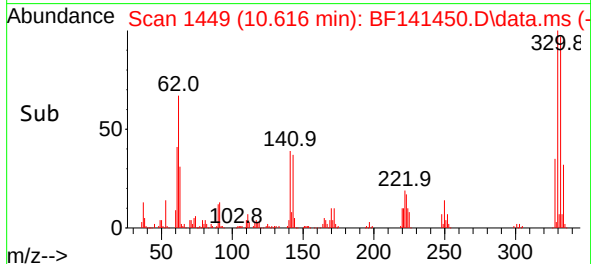
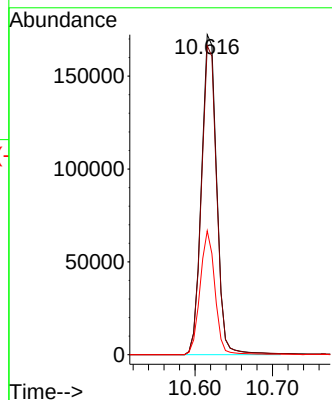


#42
2,4,6-Tribromophenol
Concen: 173.337 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.018 min
Lab File: BF141450.D
Acq: 05 Feb 2025 16:42

Instrument :
BNA_F
ClientSampleId :
JPP-29.2-012825

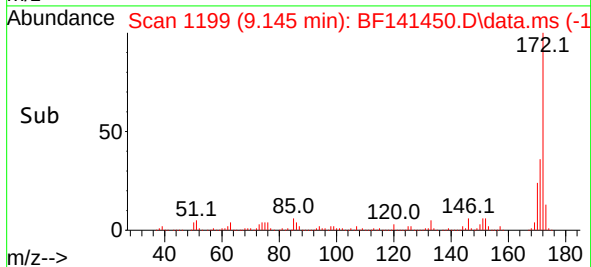
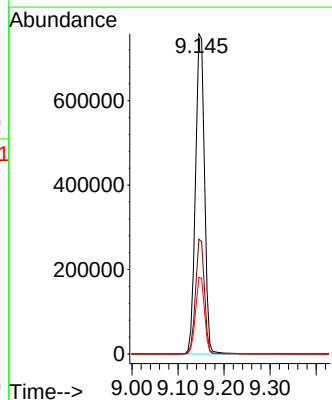
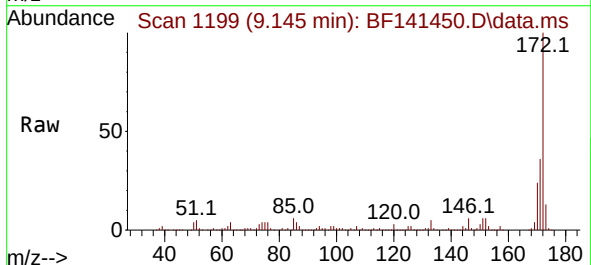


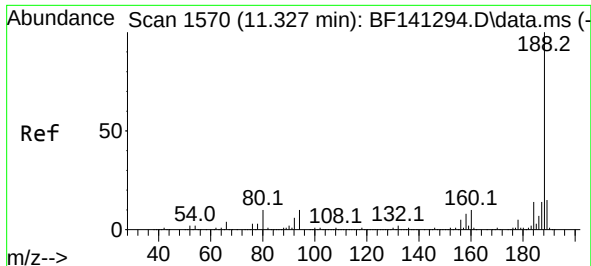
Tgt Ion:330 Resp: 235706
Ion Ratio Lower Upper
330 100
332 97.3 76.1 114.1
141 37.7 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 106.882 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.018 min
Lab File: BF141450.D
Acq: 05 Feb 2025 16:42

Tgt Ion:172 Resp: 1029990
Ion Ratio Lower Upper
172 100
171 35.8 28.8 43.2
170 24.0 19.0 28.6

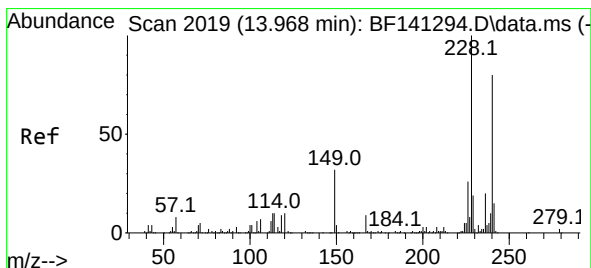
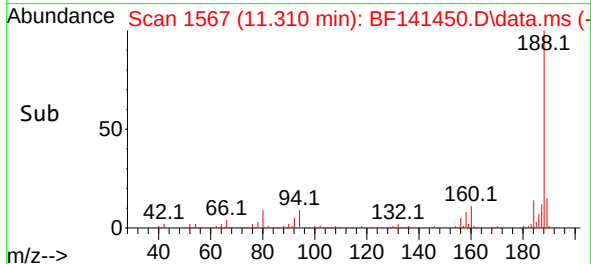
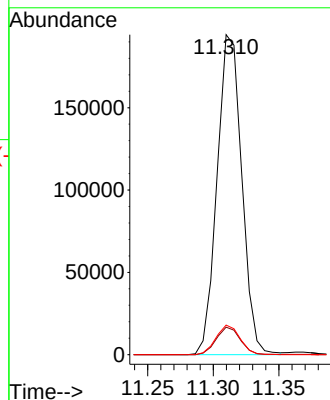
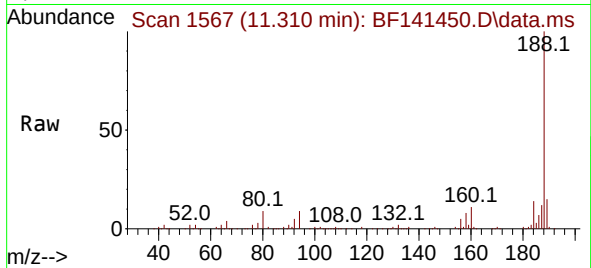




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141450.D
Acq: 05 Feb 2025 16:42

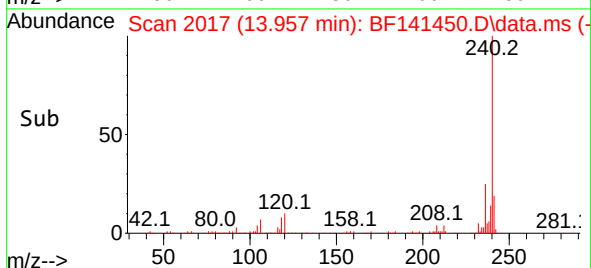
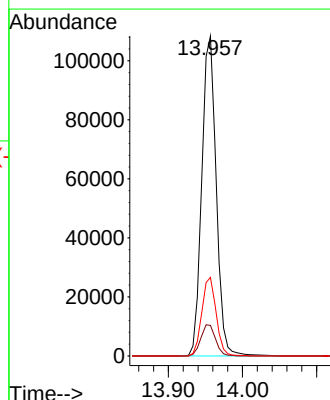
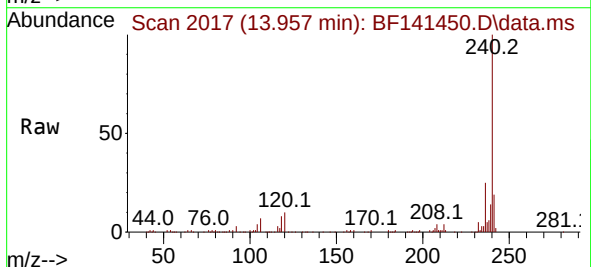
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ClientSampleId :
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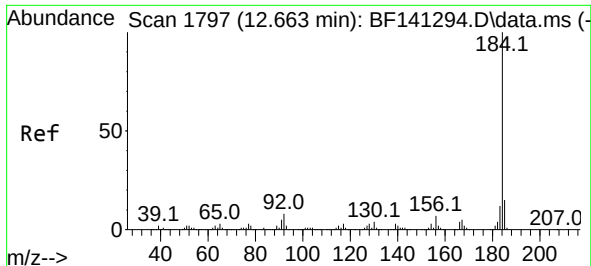
Tgt Ion:188 Resp: 254572
Ion Ratio Lower Upper
188 100
94 8.6 7.8 11.6
80 9.2 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.018 min
Lab File: BF141450.D
Acq: 05 Feb 2025 16:42

Tgt Ion:240 Resp: 146604
Ion Ratio Lower Upper
240 100
120 9.6 10.0 15.0#
236 24.5 19.7 29.5

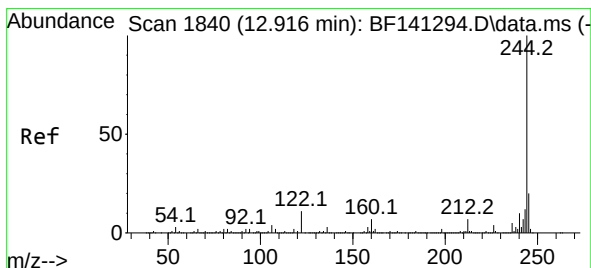
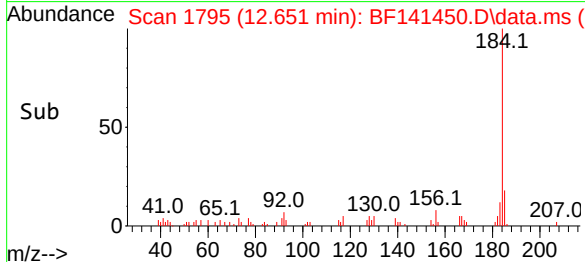
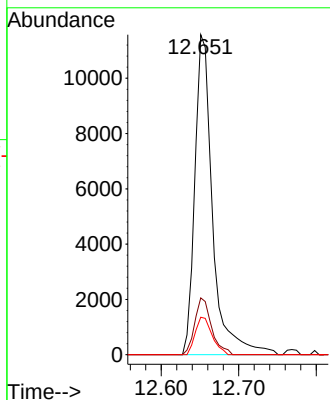
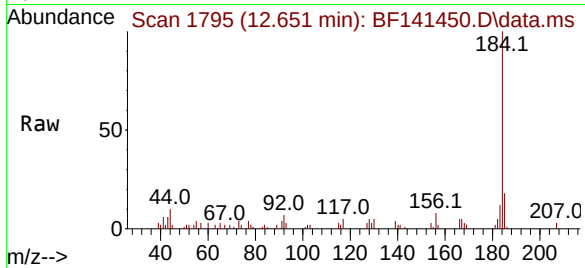




#77
Benzidine
Concen: 3.923 ng
RT: 12.651 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141450.D
Acq: 05 Feb 2025 16:42

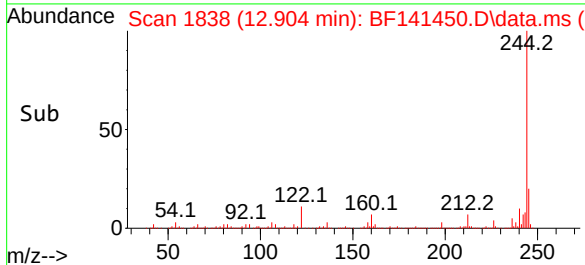
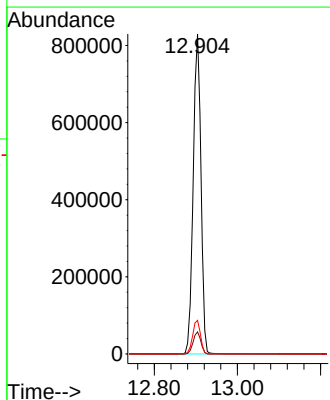
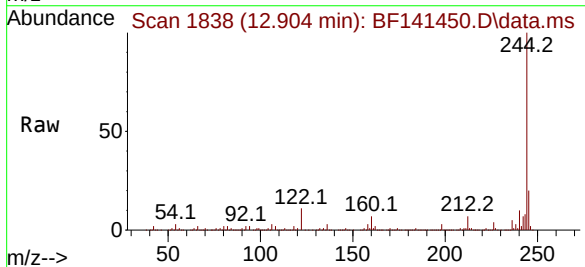
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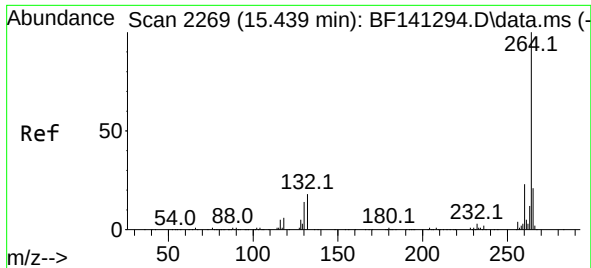
Tgt Ion:184 Resp: 18439
Ion Ratio Lower Upper
184 100
185 17.8 11.9 17.9
183 11.7 9.5 14.3



#79
Terphenyl-d14
Concen: 112.781 ng
RT: 12.904 min Scan# 1838
Delta R.T. -0.012 min
Lab File: BF141450.D
Acq: 05 Feb 2025 16:42

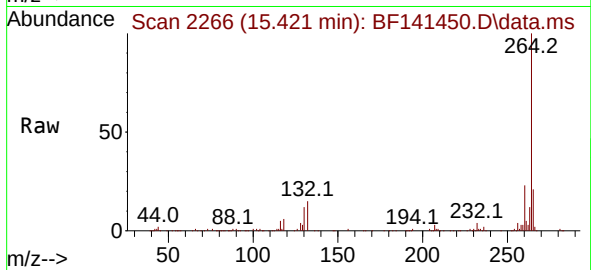
Tgt Ion:244 Resp: 1072122
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 10.5 8.8 13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF141450.D
Acq: 05 Feb 2025 16:42

Instrument :
BNA_F
ClientSampleId :
JPP-29.2-012825



Tgt Ion:264 Resp: 157418

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.6	27.8
265	21.1	16.7	25.1

