

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020425\
 Data File : BF141431.D
 Acq On : 05 Feb 2025 01:15
 Operator : RC/JU
 Sample : Q1277-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT 3249

Quant Time: Feb 05 02:12:30 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)

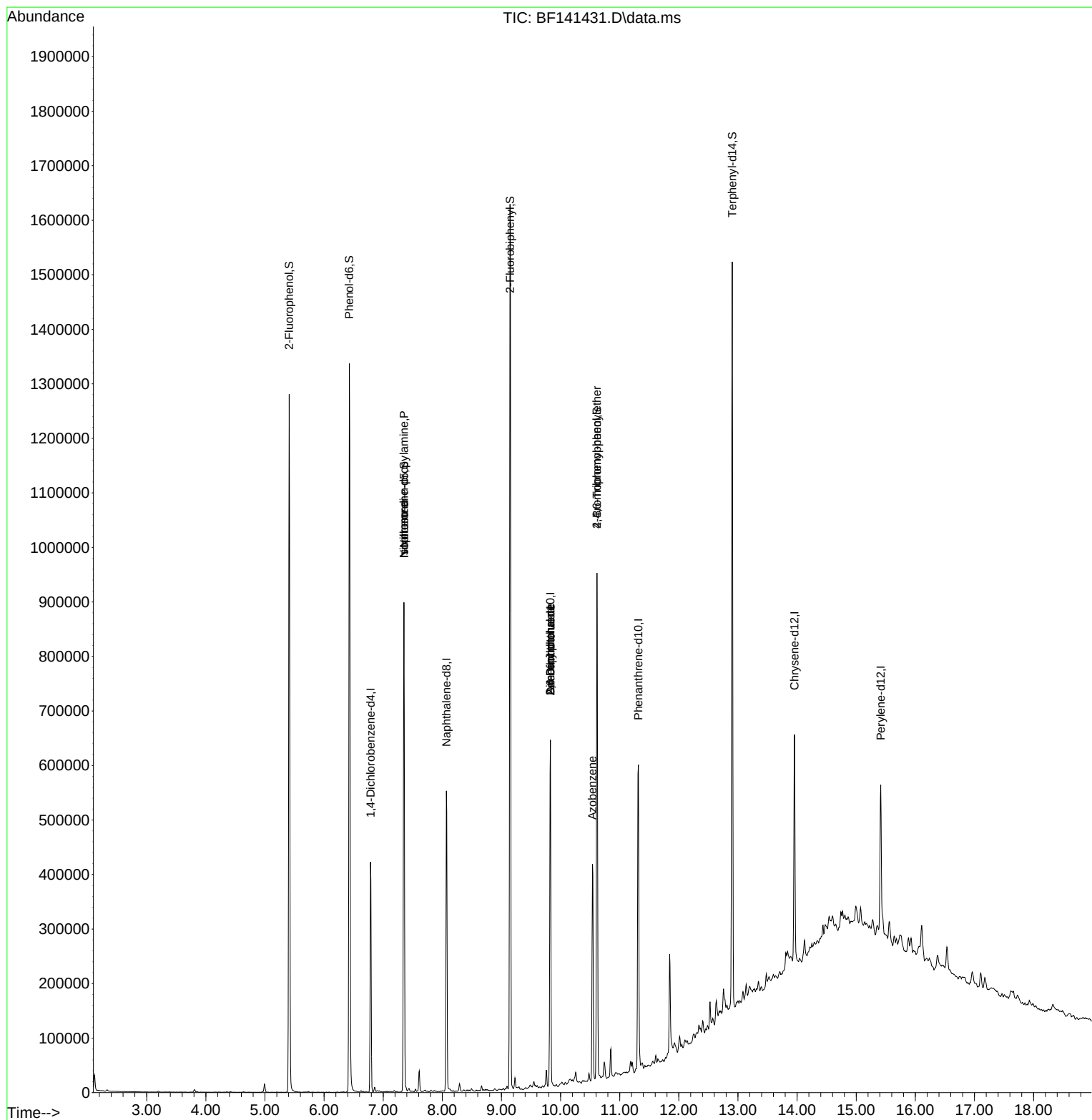
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	84006	20.000	ng	-0.02
21) Naphthalene-d8	8.069	136	338575	20.000	ng	-0.02
39) Acenaphthene-d10	9.827	164	186216	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	291812	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	197955	20.000	ng	#-0.02
86) Perylene-d12	15.415	264	160222	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	446069	81.519	ng	0.00
7) Phenol-d6	6.428	99	561709	80.693	ng	-0.01
23) Nitrobenzene-d5	7.351	82	374828	58.361	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	142034	83.198	ng	-0.02
45) 2-Fluorobiphenyl	9.145	172	705896	58.347	ng	-0.02
79) Terphenyl-d14	12.904	244	657635	51.234	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	51310	12.405	ng	# 77
25) Isophorone	7.351	82	371216	33.437	ng	# 64
50) Dimethylphthalate	9.827	163	29059	2.310	ng	# 1
51) 2,6-Dinitrotoluene	9.827	165	24771	8.483	ng	# 24
57) 2,4-Dinitrotoluene	9.827	165	24771	6.552	ng	# 23
63) Azobenzene	10.539	77	102385	8.388	ng	# 1
67) 4-Bromophenyl-phenylether	10.616	248	9977	3.054	ng	# 1

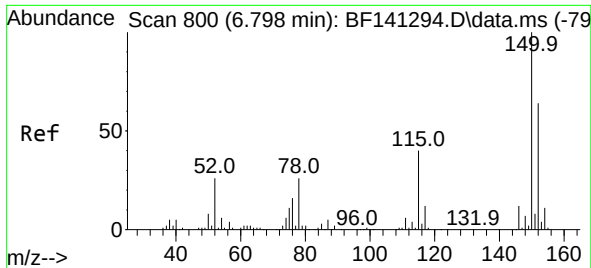
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020425\
Data File : BF141431.D
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Operator : RC/JU
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Misc :
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BNA_F
ClientSampleId :
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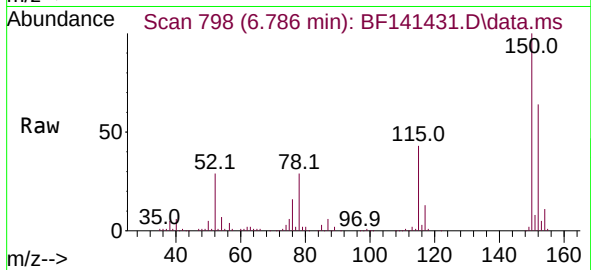
Quant Time: Feb 05 02:12:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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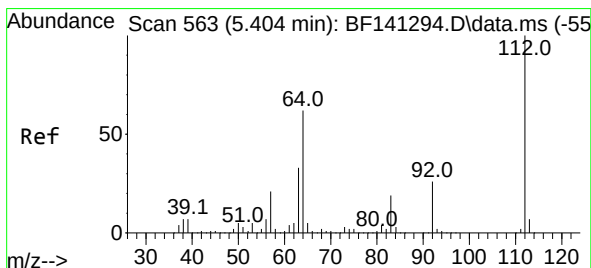
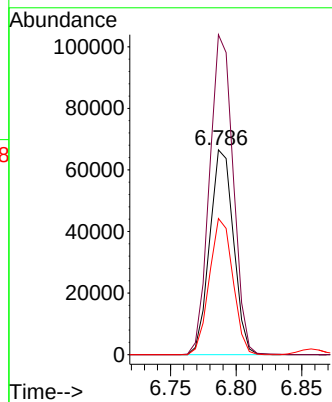
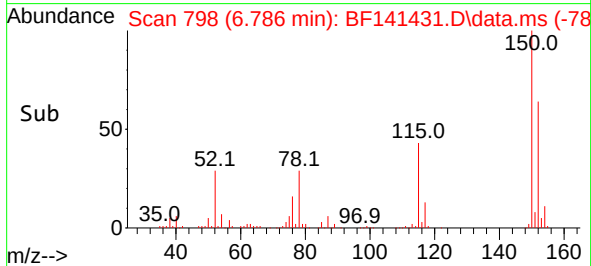


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.786 min Scan# 79
Delta R.T. -0.018 min
Lab File: BF141431.D
Acq: 05 Feb 2025 01:15

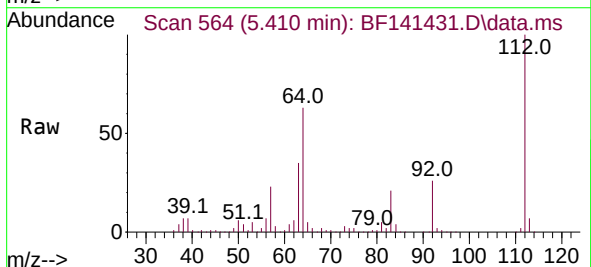
Instrument :
BNA_F
ClientSampleId :
RT 3249



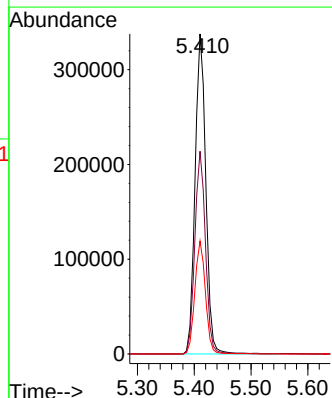
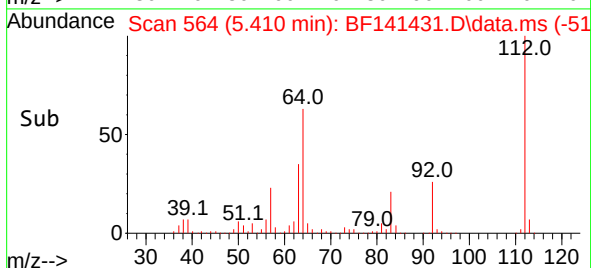
Tgt Ion:152 Resp: 84006
Ion Ratio Lower Upper
152 100
150 156.2 125.9 188.9
115 66.5 49.7 74.5

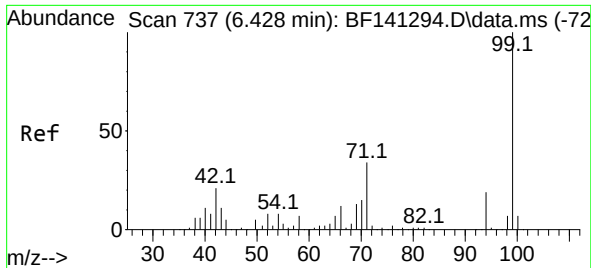


#5
2-Fluorophenol
Concen: 81.519 ng
RT: 5.410 min Scan# 564
Delta R.T. -0.000 min
Lab File: BF141431.D
Acq: 05 Feb 2025 01:15



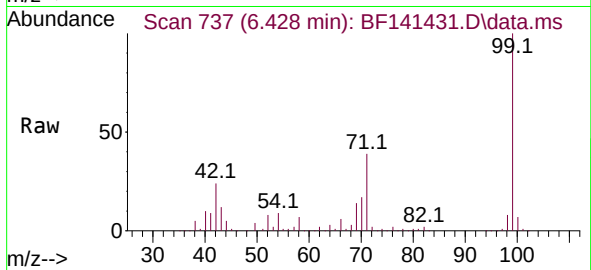
Tgt Ion:112 Resp: 446069
Ion Ratio Lower Upper
112 100
64 63.3 49.8 74.8
63 35.3 26.1 39.1



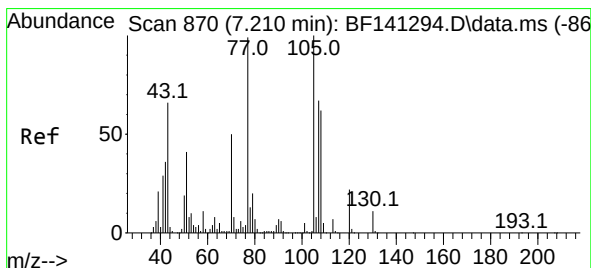
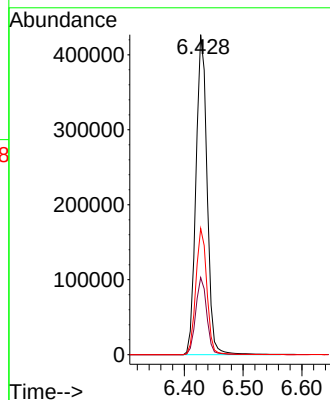
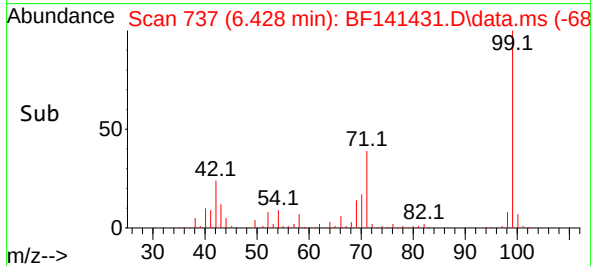


#7
Phenol-d6
Concen: 80.693 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141431.D
Acq: 05 Feb 2025 01:15

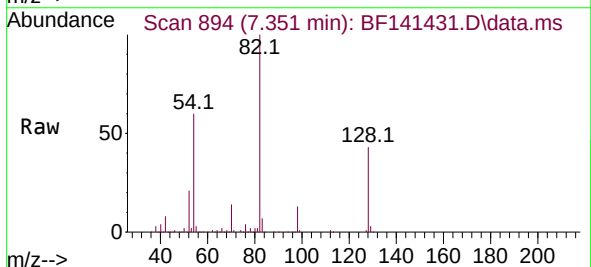
Instrument :
BNA_F
ClientSampleId :
RT 3249



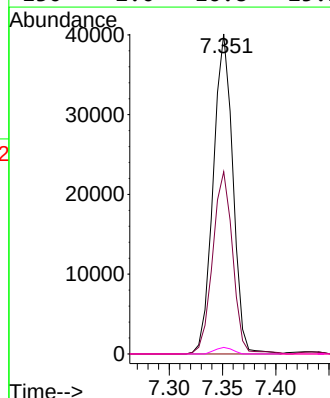
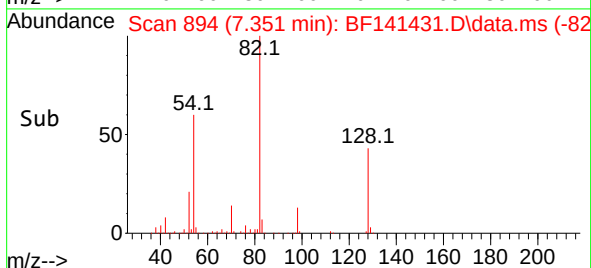
Tgt Ion: 99 Resp: 561709
Ion Ratio Lower Upper
99 100
42 24.1 17.1 25.7
71 39.5 26.9 40.3

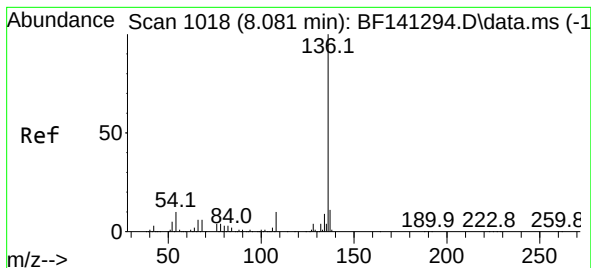


#19
n-Nitroso-di-n-propylamine
Concen: 12.405 ng
RT: 7.351 min Scan# 894
Delta R.T. 0.123 min
Lab File: BF141431.D
Acq: 05 Feb 2025 01:15



Tgt Ion: 70 Resp: 51310
Ion Ratio Lower Upper
70 100
42 57.0 56.8 85.2
101 0.0 7.7 11.5#
130 2.0 16.8 25.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.069 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF141431.D

Acq: 05 Feb 2025 01:15

Instrument :

BNA_F

ClientSampleId :

RT 3249

Tgt Ion:136 Resp: 338575

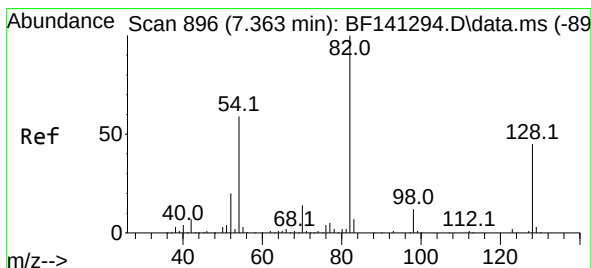
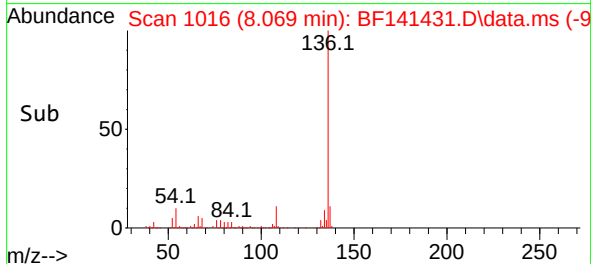
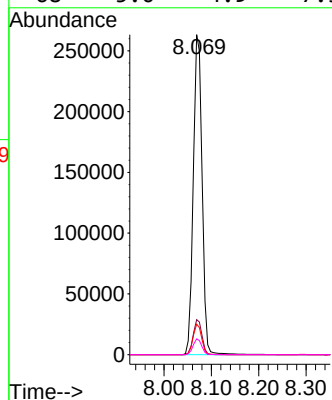
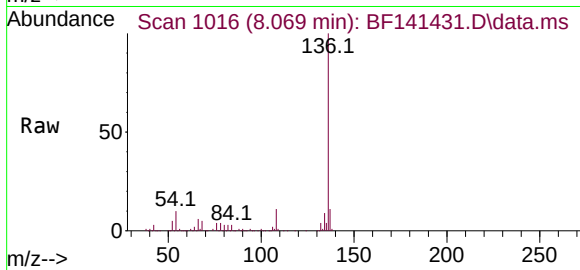
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 9.5 7.8 11.8

68 5.0 4.9 7.3



#23

Nitrobenzene-d5

Concen: 58.361 ng

RT: 7.351 min Scan# 894

Delta R.T. -0.018 min

Lab File: BF141431.D

Acq: 05 Feb 2025 01:15

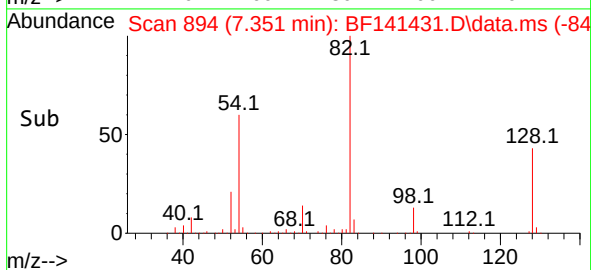
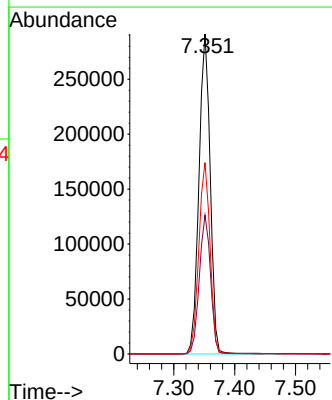
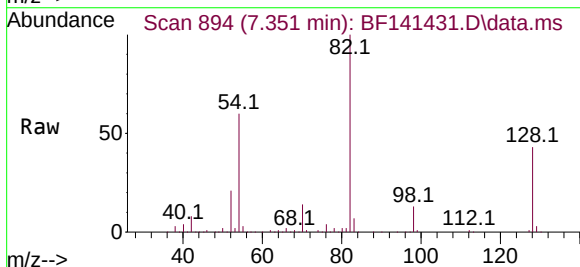
Tgt Ion: 82 Resp: 374828

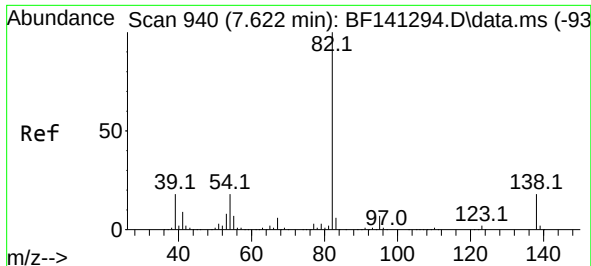
Ion Ratio Lower Upper

82 100

128 43.4 35.7 53.5

54 59.8 47.1 70.7

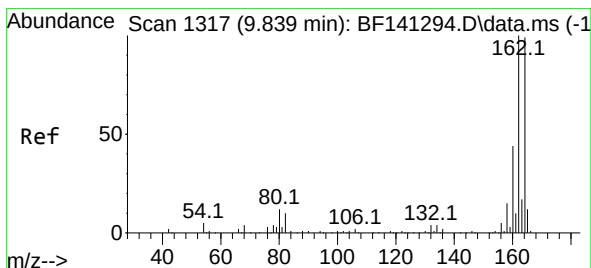
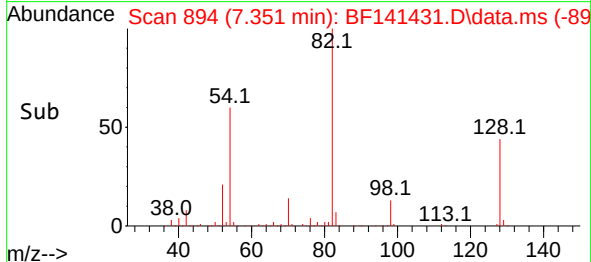
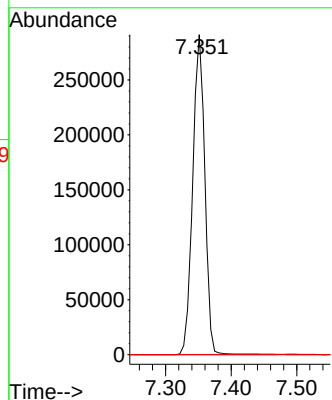
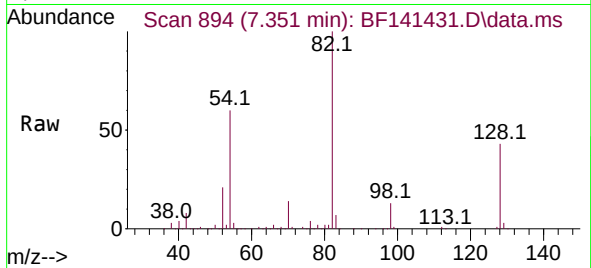




#25
Isophorone
Concen: 33.437 ng
RT: 7.351 min Scan# 89
Delta R.T. -0.277 min
Lab File: BF141431.D
Acq: 05 Feb 2025 01:15

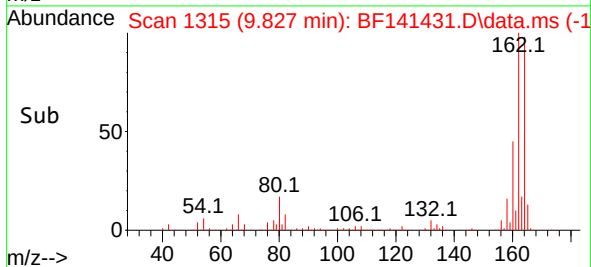
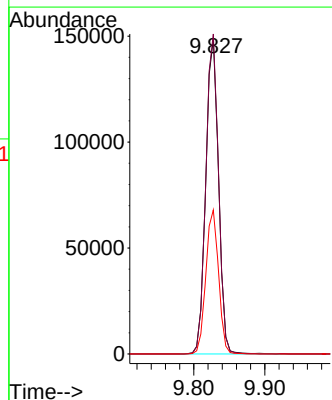
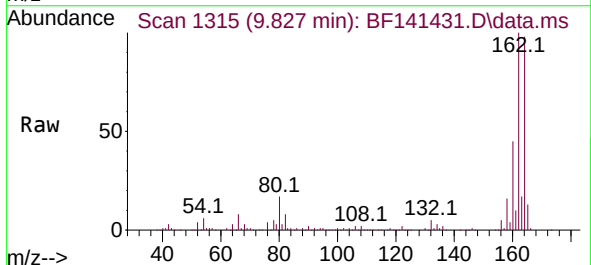
Instrument :
BNA_F
ClientSampleId :
RT 3249

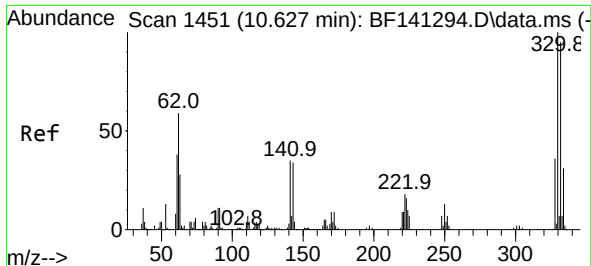
Tgt Ion: 82 Resp: 371216
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.7 22.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 1315
Delta R.T. -0.012 min
Lab File: BF141431.D
Acq: 05 Feb 2025 01:15

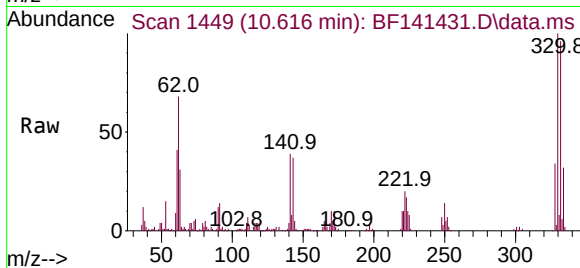
Tgt Ion:164 Resp: 186216
Ion Ratio Lower Upper
164 100
162 101.6 80.6 121.0
160 45.7 35.8 53.6



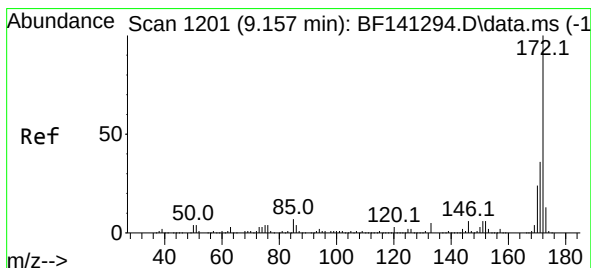
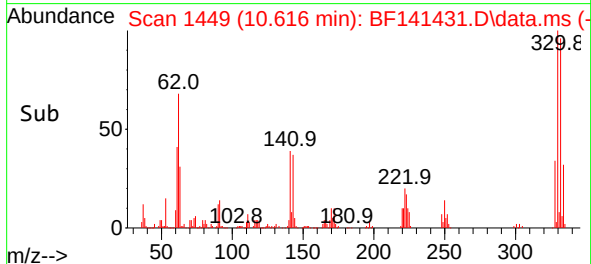
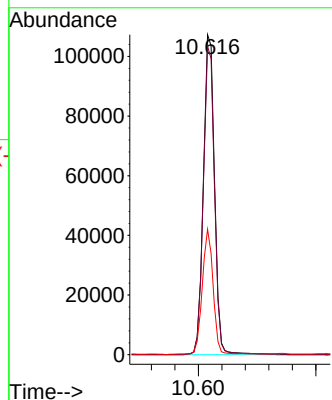


#42
2,4,6-Tribromophenol
Concen: 83.198 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.018 min
Lab File: BF141431.D
Acq: 05 Feb 2025 01:15

Instrument :
BNA_F
ClientSampleId :
RT 3249

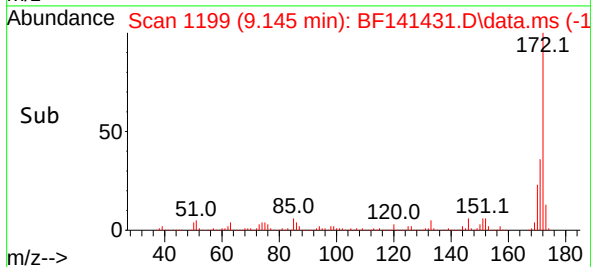
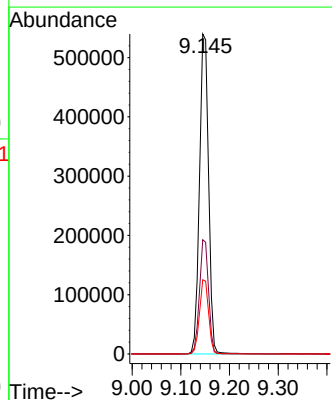
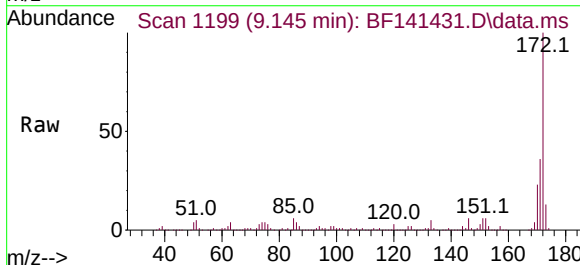


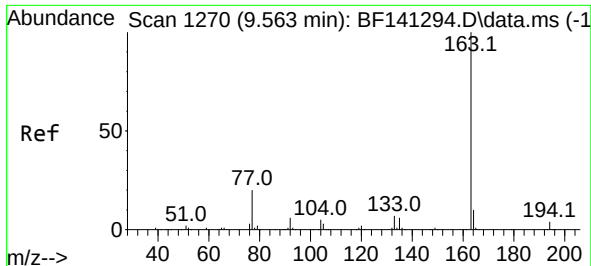
Tgt Ion:330 Resp: 142034
Ion Ratio Lower Upper
330 100
332 96.3 76.1 114.1
141 38.7 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 58.347 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.018 min
Lab File: BF141431.D
Acq: 05 Feb 2025 01:15

Tgt Ion:172 Resp: 705896
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 23.2 19.0 28.6

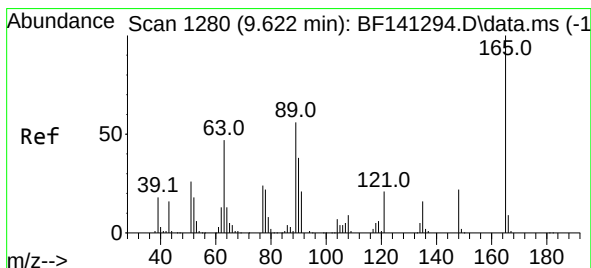
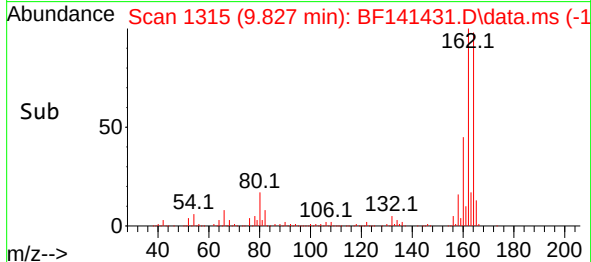
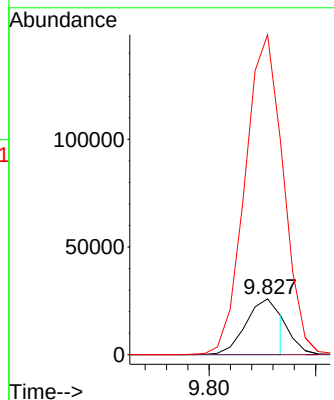
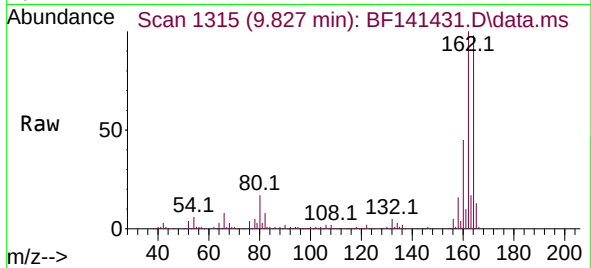




#50
Dimethylphthalate
Concen: 2.310 ng
RT: 9.827 min Scan# 1315
Delta R.T. 0.259 min
Lab File: BF141431.D
Acq: 05 Feb 2025 01:15

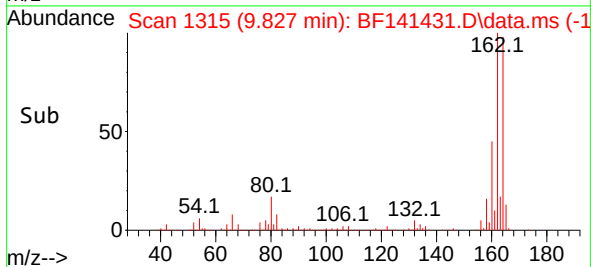
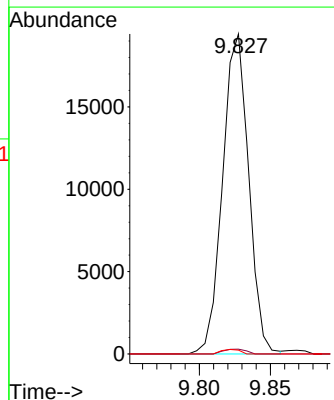
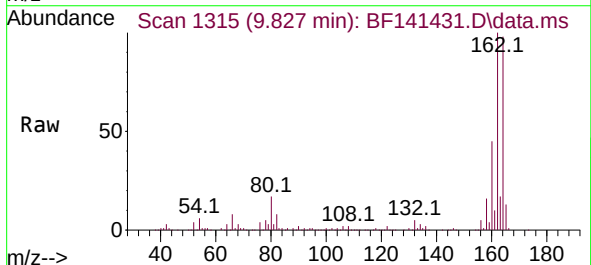
Instrument :
BNA_F
ClientSampleId :
RT 3249

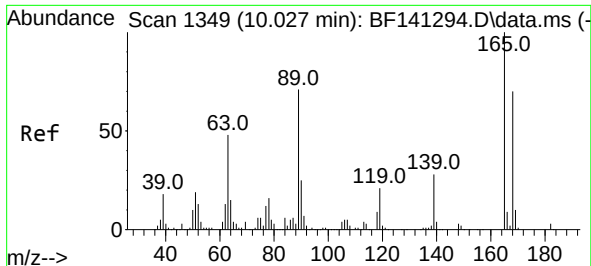
Tgt Ion:163 Resp: 29059
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 573.5 8.0 12.0#



#51
2,6-Dinitrotoluene
Concen: 8.483 ng
RT: 9.827 min Scan# 1315
Delta R.T. 0.200 min
Lab File: BF141431.D
Acq: 05 Feb 2025 01:15

Tgt Ion:165 Resp: 24771
Ion Ratio Lower Upper
165 100
63 1.5 48.1 72.1#
89 1.2 44.9 67.3#

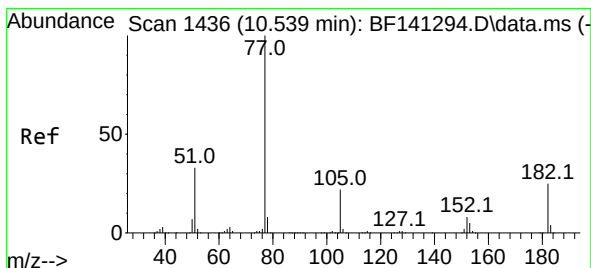
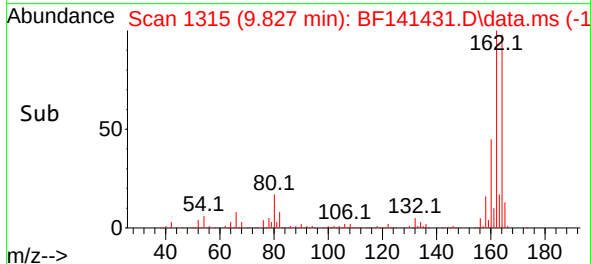
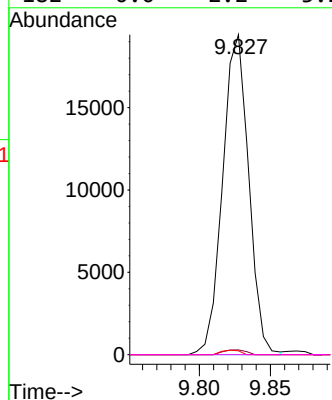
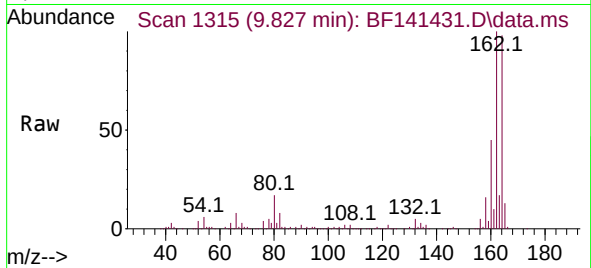




#57
2,4-Dinitrotoluene
Concen: 6.552 ng
RT: 9.827 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF141431.D
Acq: 05 Feb 2025 01:15

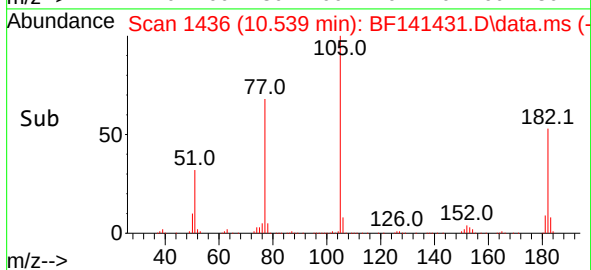
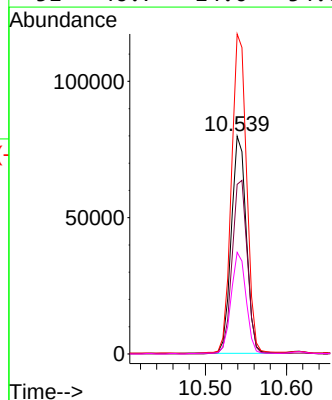
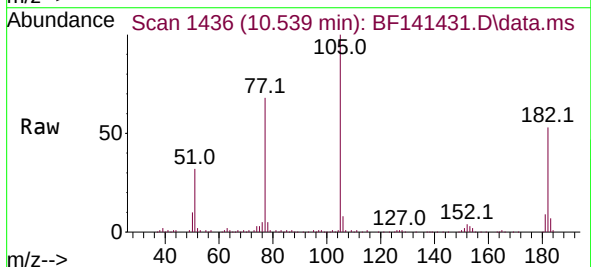
Instrument :
BNA_F
ClientSampleId :
RT 3249

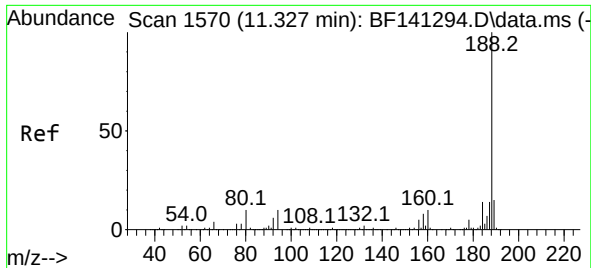
Tgt Ion:165 Resp: 24771
Ion Ratio Lower Upper
165 100
63 1.5 39.2 58.8#
89 1.2 56.9 85.3#
182 0.0 2.2 3.2#



#63
Azobenzene
Concen: 8.388 ng
RT: 10.539 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF141431.D
Acq: 05 Feb 2025 01:15

Tgt Ion: 77 Resp: 102385
Ion Ratio Lower Upper
77 100
182 77.9 5.1 45.1#
105 146.9 1.8 41.8#
51 46.7 14.0 54.0

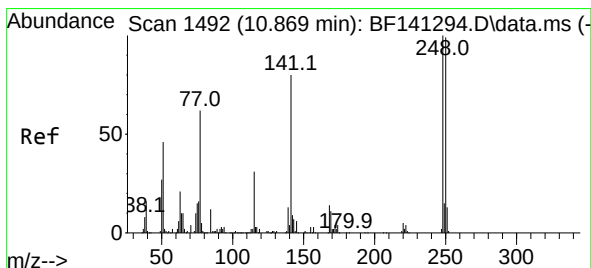
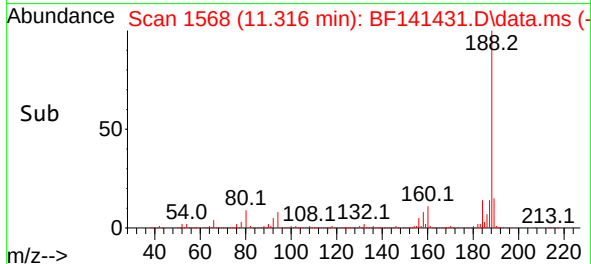
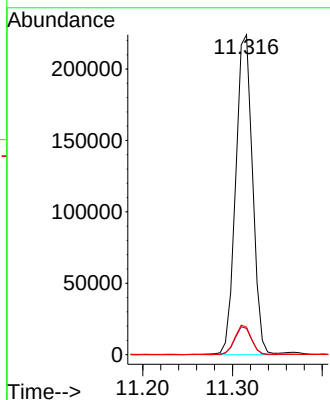
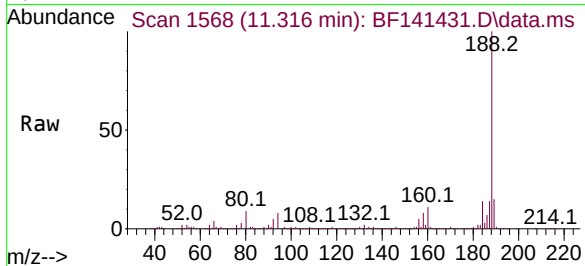




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141431.D
Acq: 05 Feb 2025 01:15

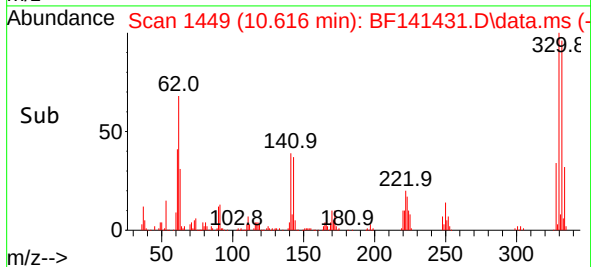
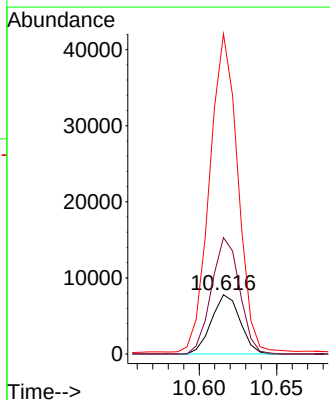
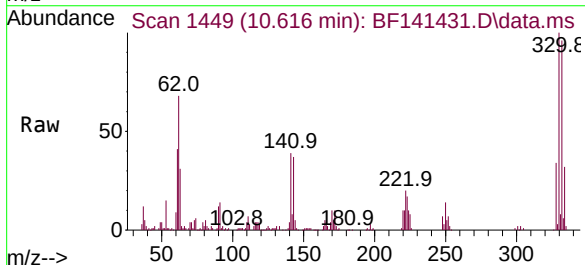
Instrument :
BNA_F
ClientSampleId :
RT 3249

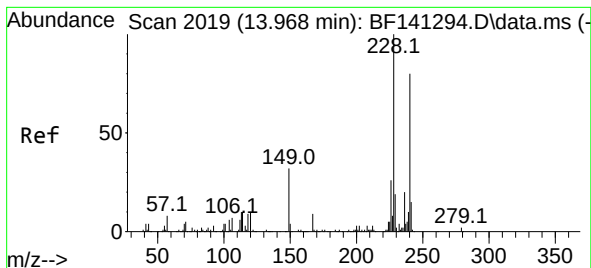
Tgt Ion:188 Resp: 291812
Ion Ratio Lower Upper
188 100
94 8.2 7.8 11.6
80 8.6 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 3.054 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.259 min
Lab File: BF141431.D
Acq: 05 Feb 2025 01:15

Tgt Ion:248 Resp: 9977
Ion Ratio Lower Upper
248 100
250 196.6 79.0 118.4#
141 540.6 63.7 95.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.957 min Scan# 20

Delta R.T. -0.018 min

Lab File: BF141431.D

Acq: 05 Feb 2025 01:15

Instrument :

BNA_F

ClientSampleId :

RT 3249

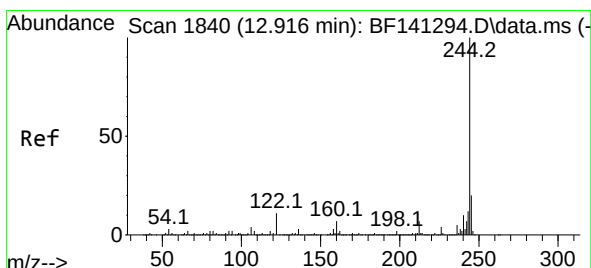
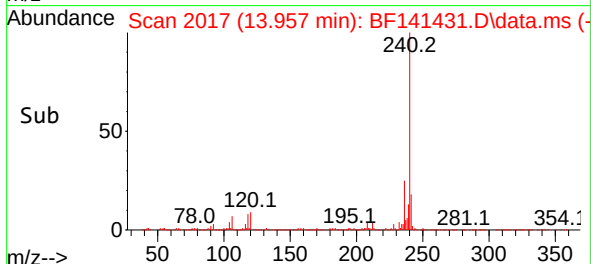
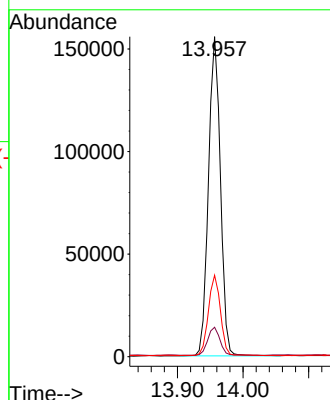
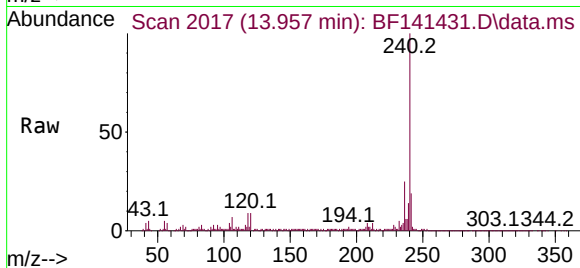
Tgt Ion:240 Resp: 197955

Ion Ratio Lower Upper

240 100

120 9.2 10.0 15.0#

236 25.5 19.7 29.5



#79

Terphenyl-d14

Concen: 51.234 ng

RT: 12.904 min Scan# 1838

Delta R.T. -0.012 min

Lab File: BF141431.D

Acq: 05 Feb 2025 01:15

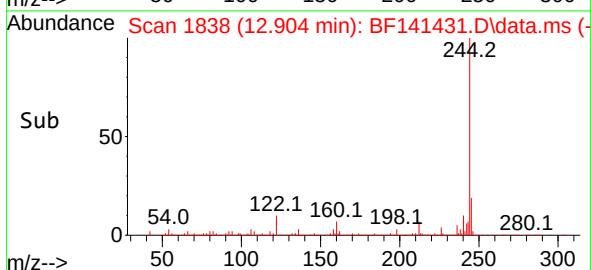
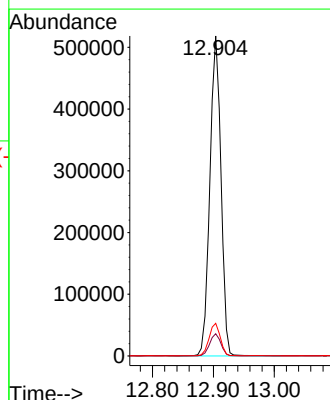
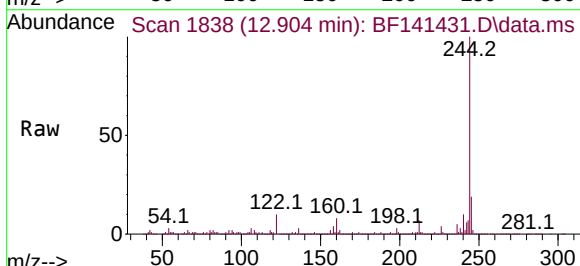
Tgt Ion:244 Resp: 657635

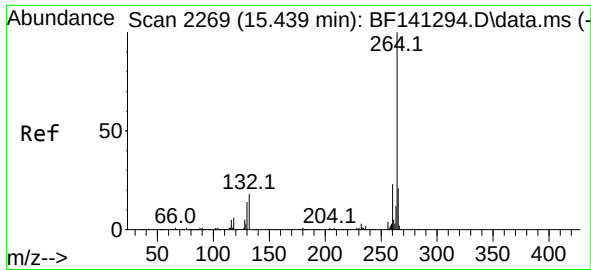
Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

122 10.2 8.8 13.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.415 min Scan# 21

Delta R.T. -0.024 min

Lab File: BF141431.D

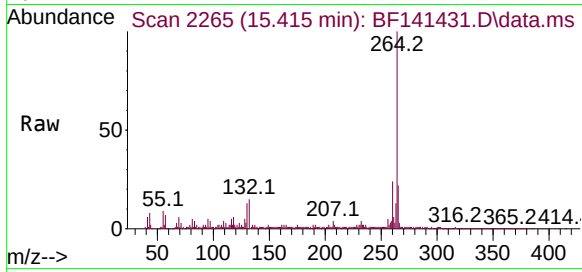
Acq: 05 Feb 2025 01:15

Instrument :

BNA_F

ClientSampleId :

RT 3249



Tgt Ion:264 Resp: 160222

Ion Ratio Lower Upper

264 100

260 24.4 18.6 27.8

265 22.0 16.7 25.1

