

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
 Data File : BF141351.D
 Acq On : 01 Feb 2025 00:03
 Operator : RC/JU
 Sample : Q1194-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-113-SB02

Quant Time: Feb 01 00:57:20 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)

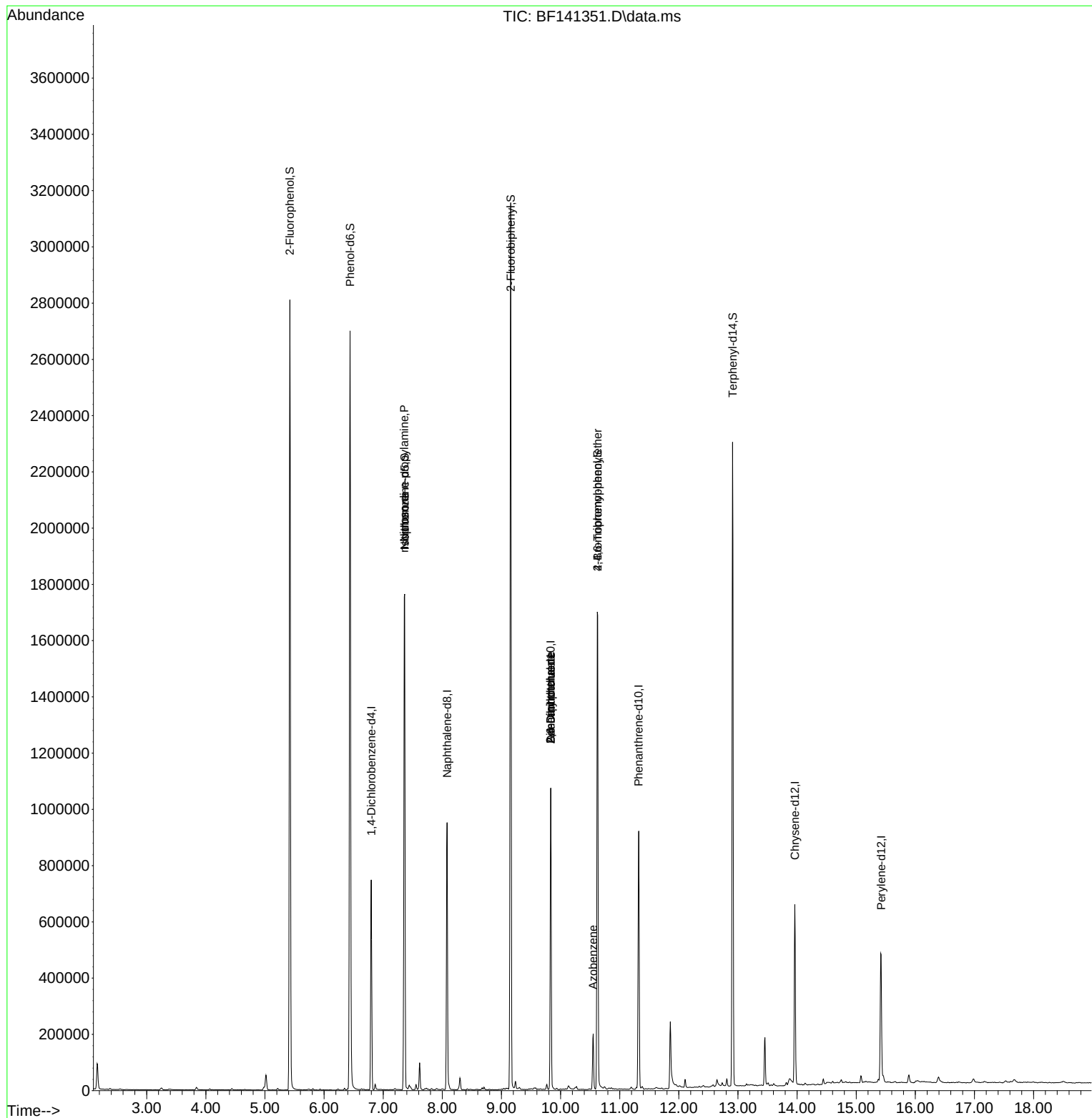
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	147849	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	589893	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	306711	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	457334	20.000	ng	0.00
76) Chrysene-d12	13.962	240	306408	20.000	ng	-0.01
86) Perylene-d12	15.421	264	276735	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1036855	107.663	ng	0.01
7) Phenol-d6	6.439	99	1275689	104.126	ng	0.00
23) Nitrobenzene-d5	7.363	82	816085	72.930	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	286008	101.716	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1373369	68.921	ng	0.00
79) Terphenyl-d14	12.910	244	1120159	56.379	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.357	70	108782	14.943	ng	# 77
25) Isophorone	7.363	82	806508	41.695	ng	# 64
50) Dimethylphthalate	9.833	163	45703	2.206	ng	# 1
51) 2,6-Dinitrotoluene	9.833	165	39552	8.223	ng	# 23
57) 2,4-Dinitrotoluene	9.833	165	39552	6.351	ng	# 23
63) Azobenzene	10.551	77	47625	2.369	ng	# 1
67) 4-Bromophenyl-phenylether	10.627	248	19627	3.833	ng	# 1

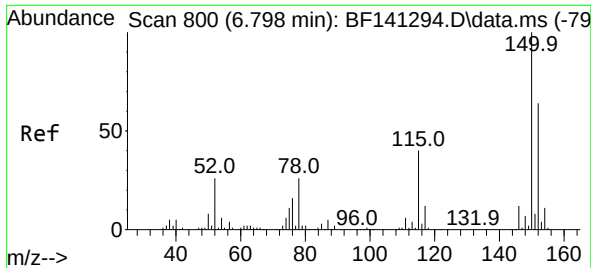
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
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Sample : Q1194-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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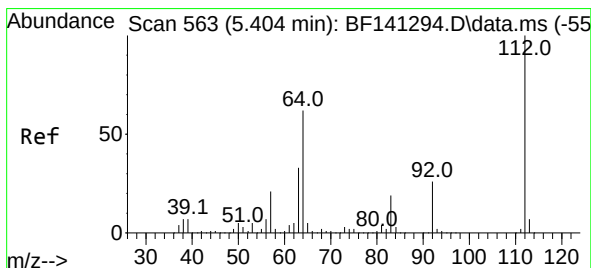
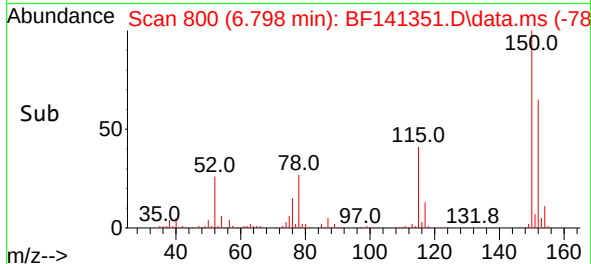
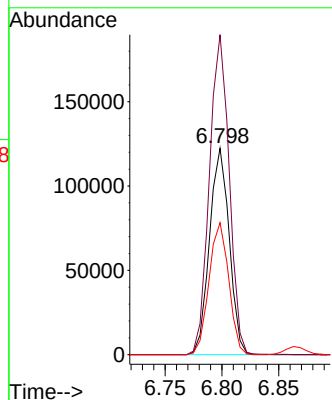
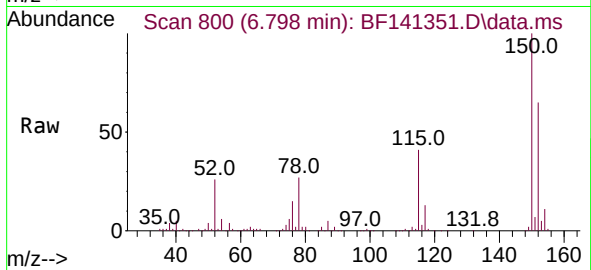




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF141351.D
Acq: 01 Feb 2025 00:03

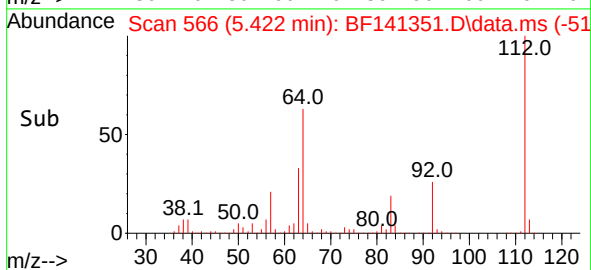
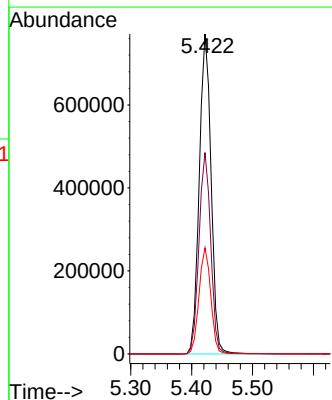
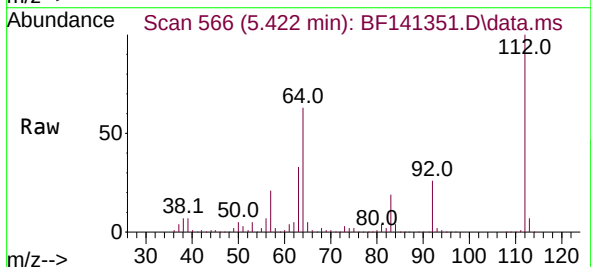
Instrument :
BNA_F
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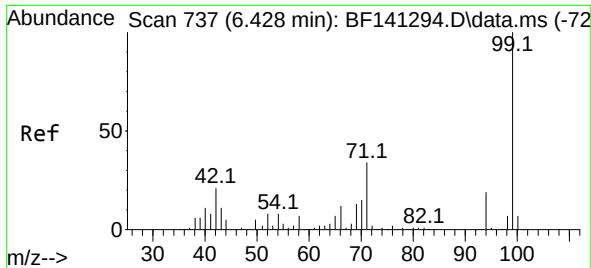
Tgt Ion:152 Resp: 147849
Ion Ratio Lower Upper
152 100
150 155.0 125.9 188.9
115 63.9 49.7 74.5



#5
2-Fluorophenol
Concen: 107.663 ng
RT: 5.422 min Scan# 566
Delta R.T. 0.012 min
Lab File: BF141351.D
Acq: 01 Feb 2025 00:03

Tgt Ion:112 Resp: 1036855
Ion Ratio Lower Upper
112 100
64 63.0 49.8 74.8
63 33.2 26.1 39.1

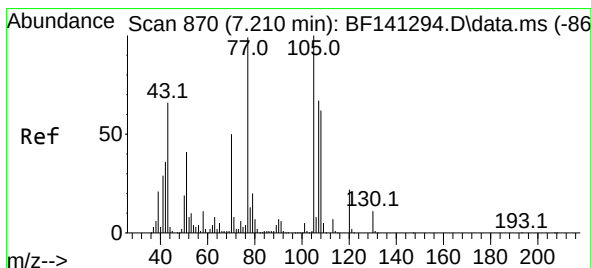
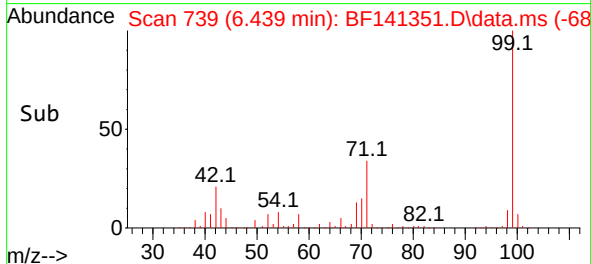
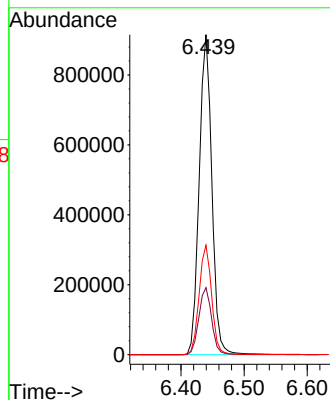
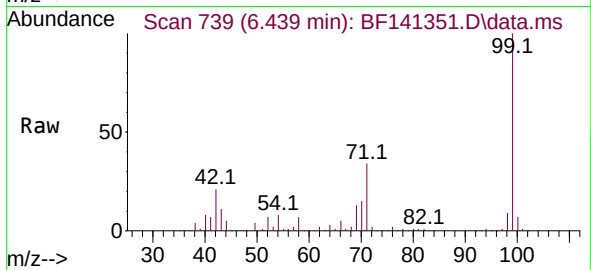




#7
Phenol-d6
Concen: 104.126 ng
RT: 6.439 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF141351.D
Acq: 01 Feb 2025 00:03

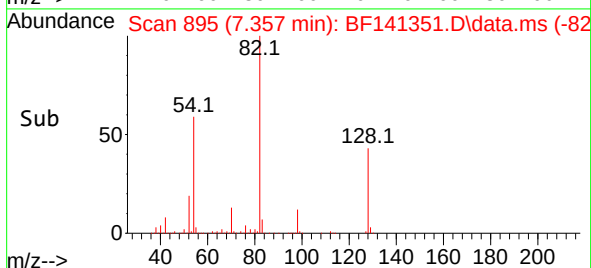
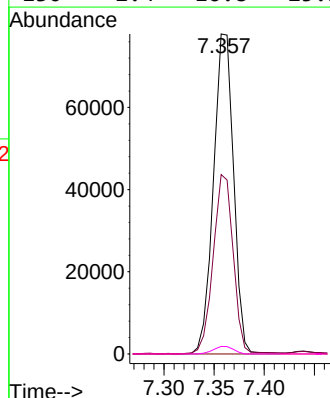
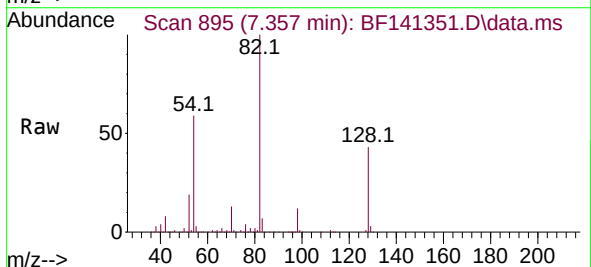
Instrument :
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ClientSampleId :
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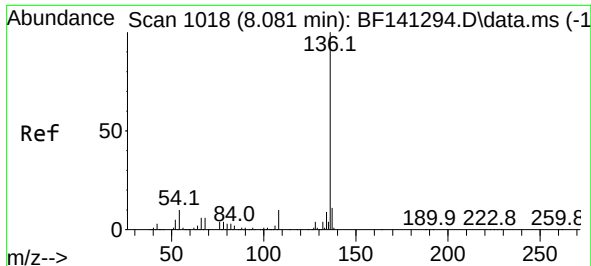
Tgt Ion: 99 Resp: 1275689
Ion Ratio Lower Upper
99 100
42 21.0 17.1 25.7
71 34.2 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.943 ng
RT: 7.357 min Scan# 895
Delta R.T. 0.129 min
Lab File: BF141351.D
Acq: 01 Feb 2025 00:03

Tgt Ion: 70 Resp: 108782
Ion Ratio Lower Upper
70 100
42 56.1 56.8 85.2#
101 0.0 7.7 11.5#
130 2.4 16.8 25.2#



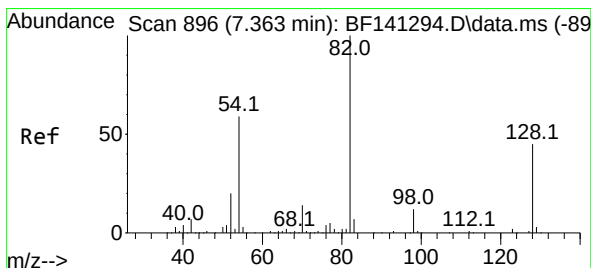
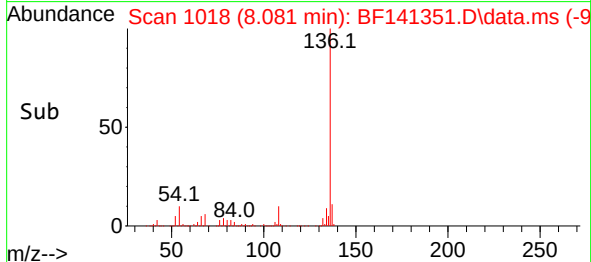
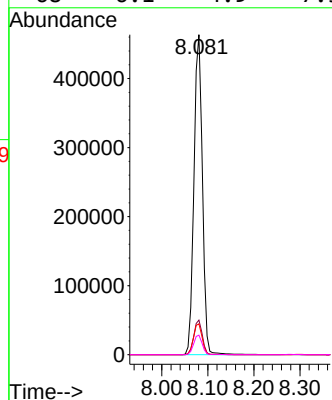
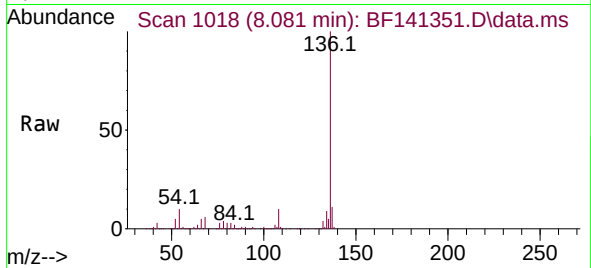


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF141351.D
Acq: 01 Feb 2025 00:03

Instrument :
BNA_F
ClientSampleId :
B-113-SB02

Tgt Ion:136 Resp: 589893

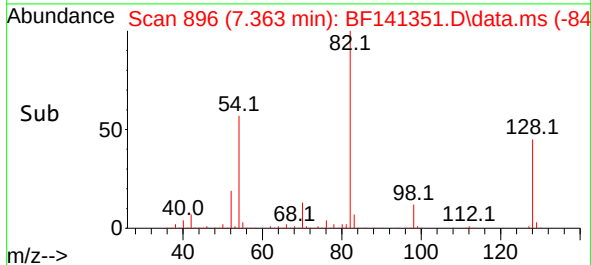
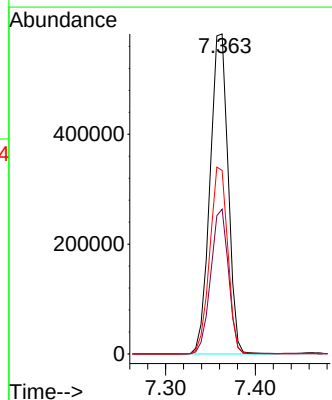
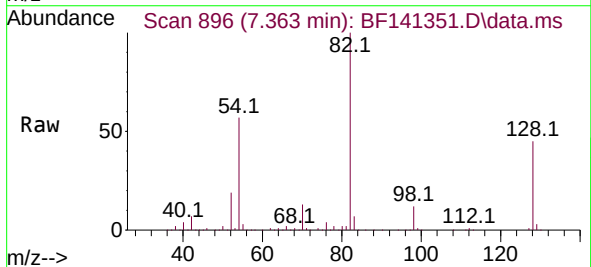
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	9.7	7.8	11.8
68	6.1	4.9	7.3

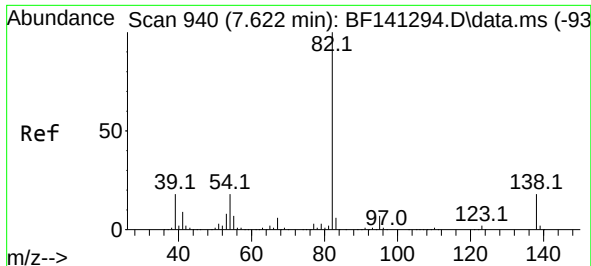


#23
Nitrobenzene-d5
Concen: 72.930 ng
RT: 7.363 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF141351.D
Acq: 01 Feb 2025 00:03

Tgt Ion: 82 Resp: 816085

Ion	Ratio	Lower	Upper
82	100		
128	45.2	35.7	53.5
54	57.4	47.1	70.7

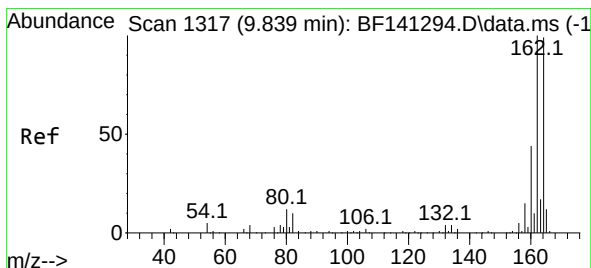
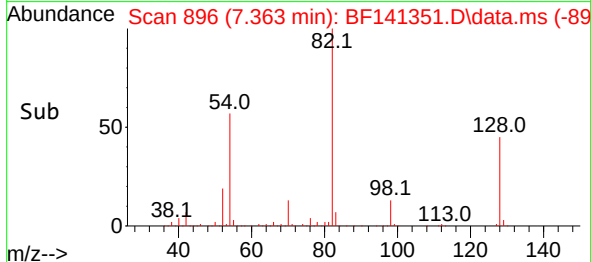
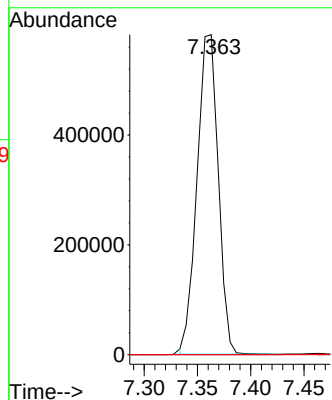
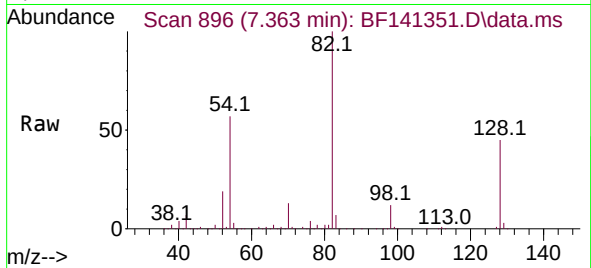




#25
Isophorone
Concen: 41.695 ng
RT: 7.363 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF141351.D
Acq: 01 Feb 2025 00:03

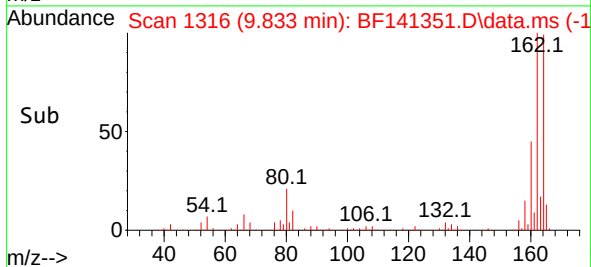
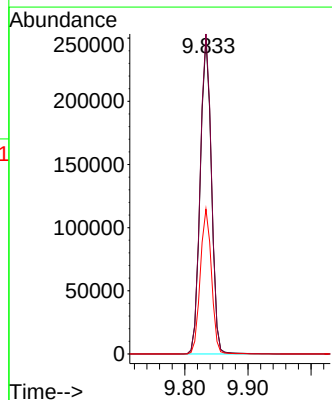
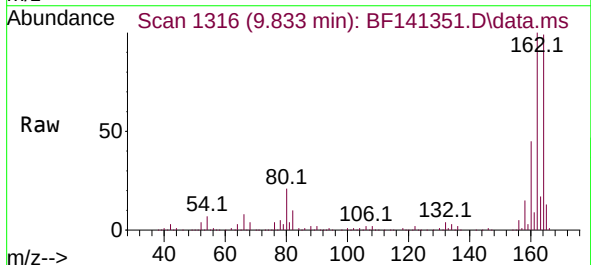
Instrument :
BNA_F
ClientSampleId :
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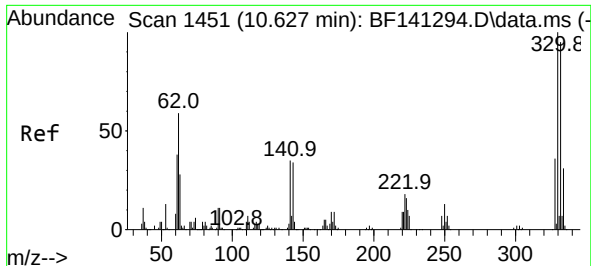
Tgt Ion: 82 Resp: 806508
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.7 22.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF141351.D
Acq: 01 Feb 2025 00:03

Tgt Ion: 164 Resp: 306711
Ion Ratio Lower Upper
164 100
162 101.5 80.6 121.0
160 45.9 35.8 53.6

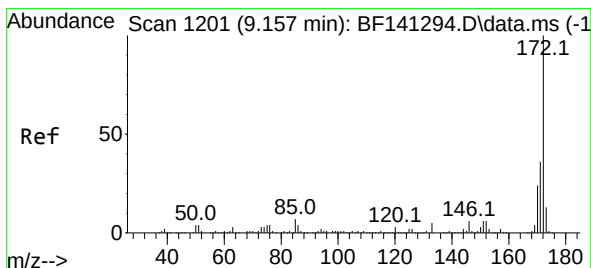
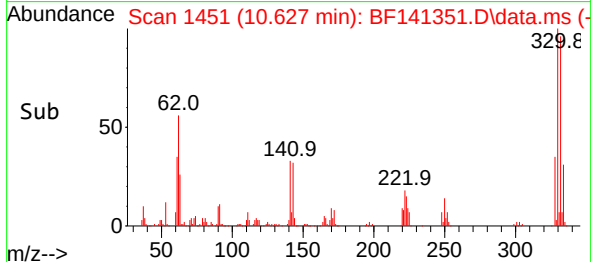
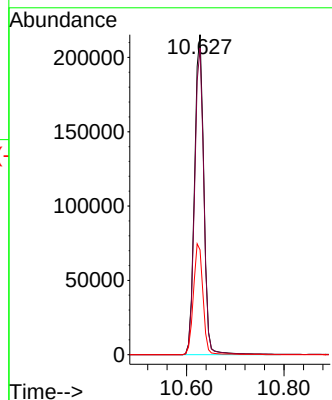
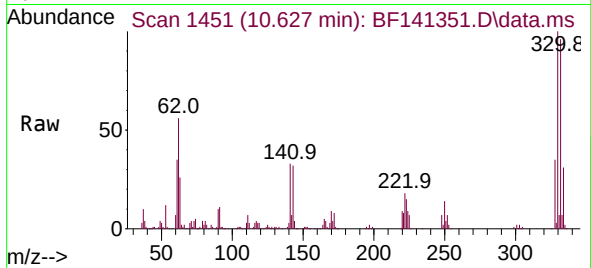




#42
2,4,6-Tribromophenol
Concen: 101.716 ng
RT: 10.627 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF141351.D
Acq: 01 Feb 2025 00:03

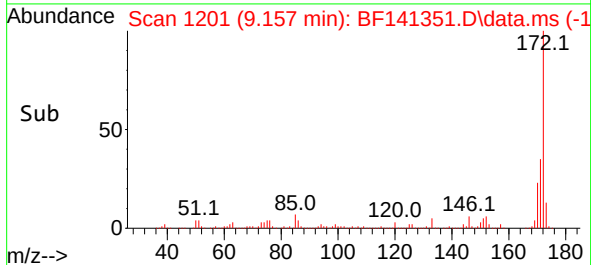
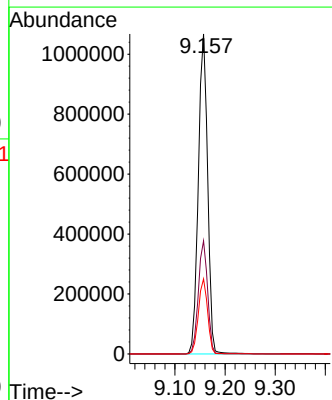
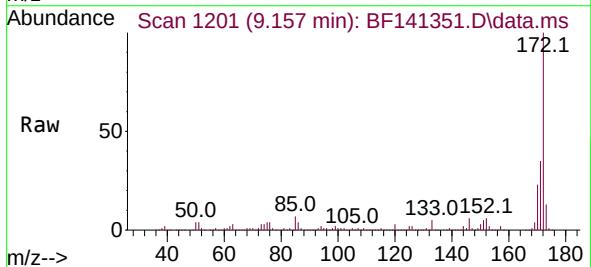
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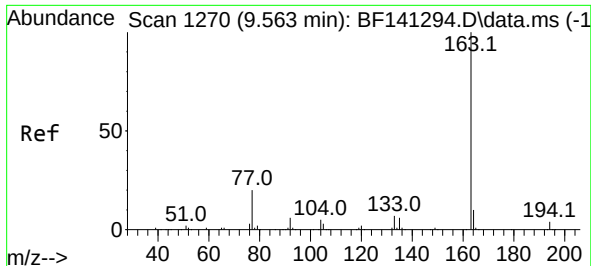
Tgt Ion:330 Resp: 286008
Ion Ratio Lower Upper
330 100
332 95.3 76.1 114.1
141 35.4 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 68.921 ng
RT: 9.157 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF141351.D
Acq: 01 Feb 2025 00:03

Tgt Ion:172 Resp: 1373369
Ion Ratio Lower Upper
172 100
171 35.4 28.8 43.2
170 23.4 19.0 28.6

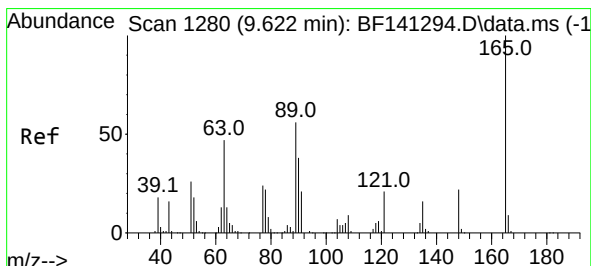
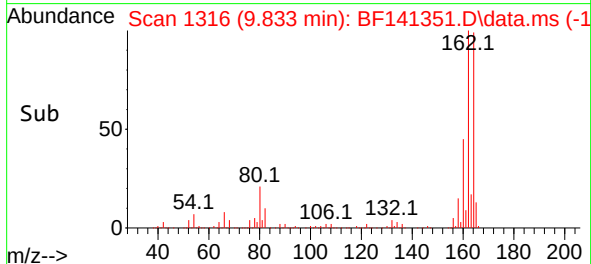
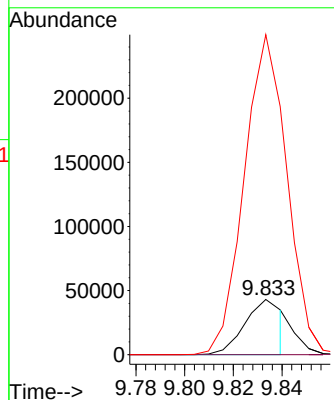
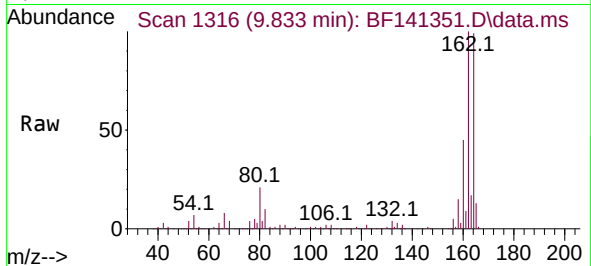




#50
Dimethylphthalate
Concen: 2.206 ng
RT: 9.833 min Scan# 1316
Delta R.T. 0.264 min
Lab File: BF141351.D
Acq: 01 Feb 2025 00:03

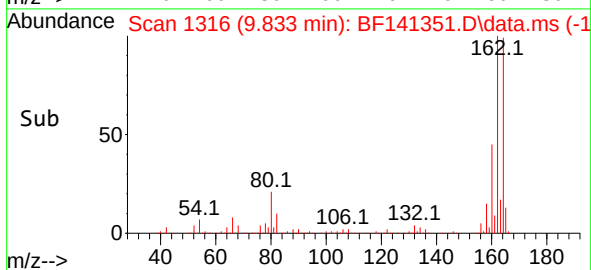
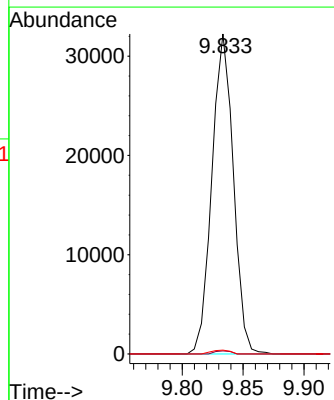
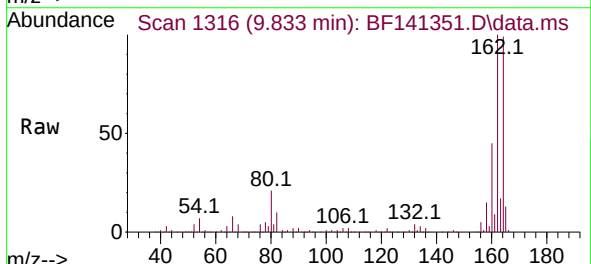
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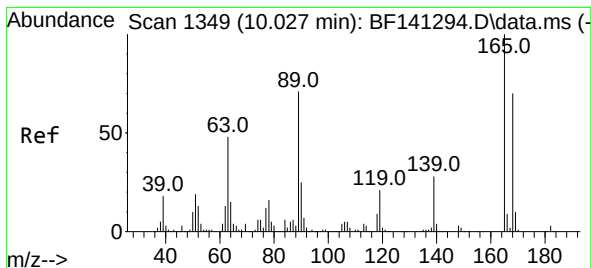
Tgt Ion:163 Resp: 45703
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 580.0 8.0 12.0#



#51
2,6-Dinitrotoluene
Concen: 8.223 ng
RT: 9.833 min Scan# 1316
Delta R.T. 0.206 min
Lab File: BF141351.D
Acq: 01 Feb 2025 00:03

Tgt Ion:165 Resp: 39552
Ion Ratio Lower Upper
165 100
63 0.9 48.1 72.1#
89 1.2 44.9 67.3#

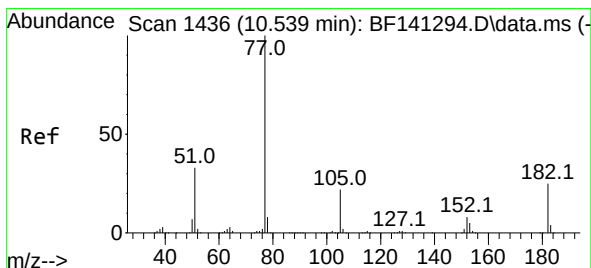
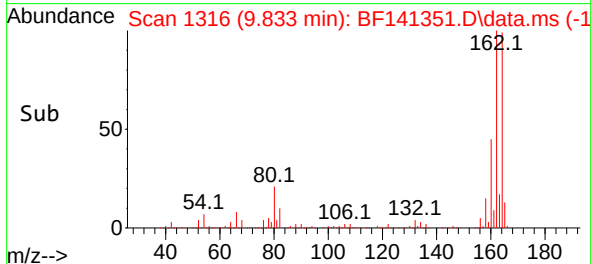
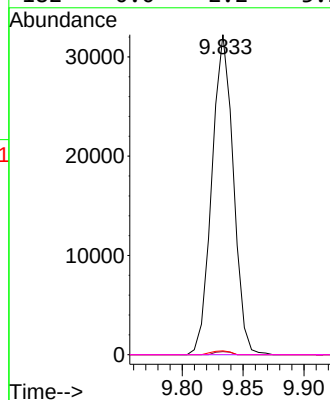
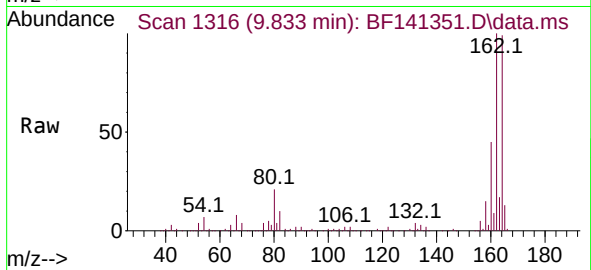




#57
2,4-Dinitrotoluene
Concen: 6.351 ng
RT: 9.833 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF141351.D
Acq: 01 Feb 2025 00:03

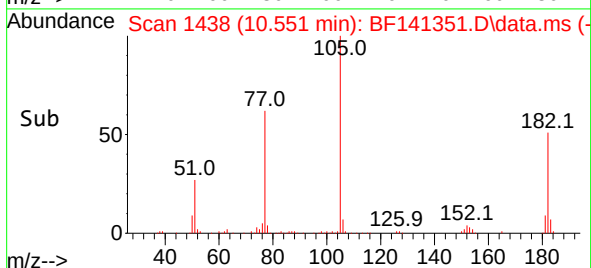
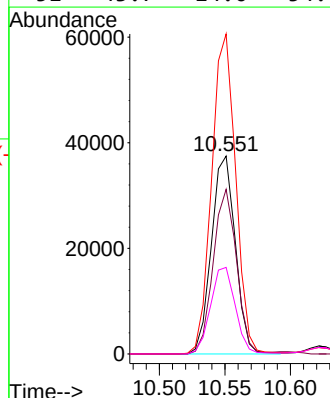
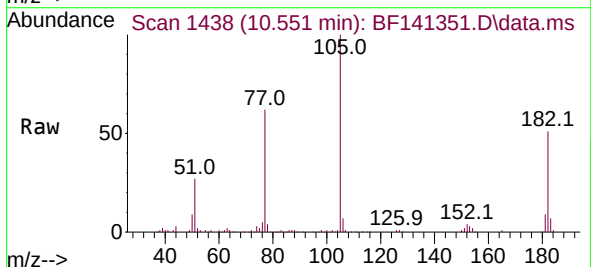
Instrument :
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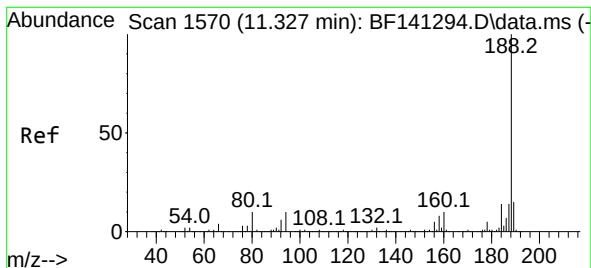
Tgt Ion:165 Resp: 39552
Ion Ratio Lower Upper
165 100
63 0.9 39.2 58.8#
89 1.2 56.9 85.3#
182 0.0 2.2 3.2#



#63
Azobenzene
Concen: 2.369 ng
RT: 10.551 min Scan# 1438
Delta R.T. 0.006 min
Lab File: BF141351.D
Acq: 01 Feb 2025 00:03

Tgt Ion: 77 Resp: 47625
Ion Ratio Lower Upper
77 100
182 83.2 5.1 45.1#
105 161.7 1.8 41.8#
51 43.7 14.0 54.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.321 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141351.D

Acq: 01 Feb 2025 00:03

Instrument :

BNA_F

ClientSampleId :

B-113-SB02

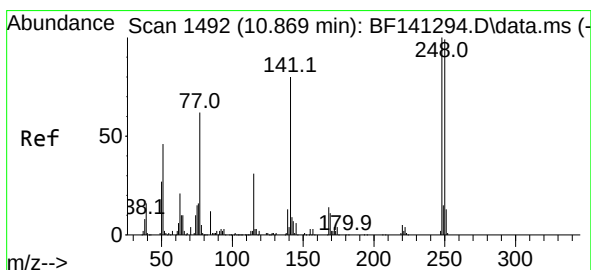
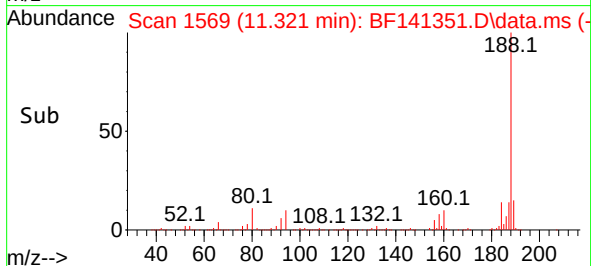
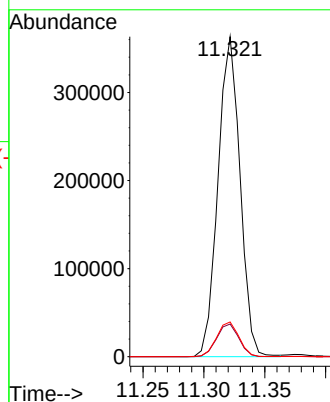
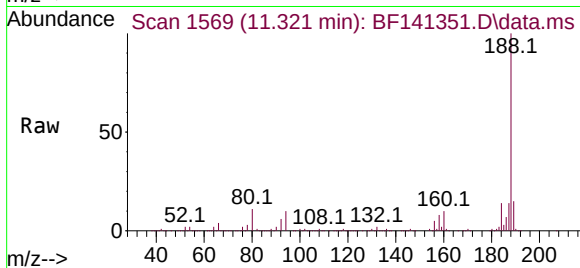
Tgt Ion:188 Resp: 457334

Ion Ratio Lower Upper

188 100

94 10.2 7.8 11.6

80 10.9 8.2 12.4



#67

4-Bromophenyl-phenylether

Concen: 3.833 ng

RT: 10.627 min Scan# 1451

Delta R.T. -0.247 min

Lab File: BF141351.D

Acq: 01 Feb 2025 00:03

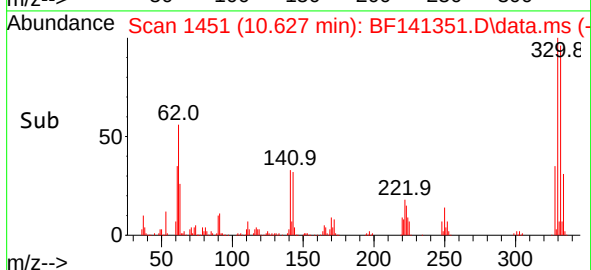
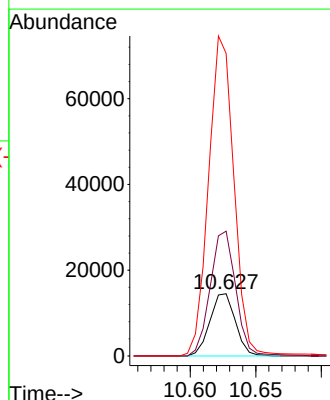
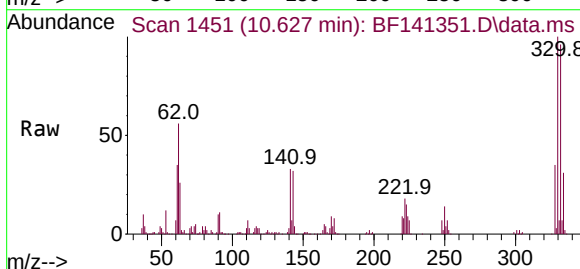
Tgt Ion:248 Resp: 19627

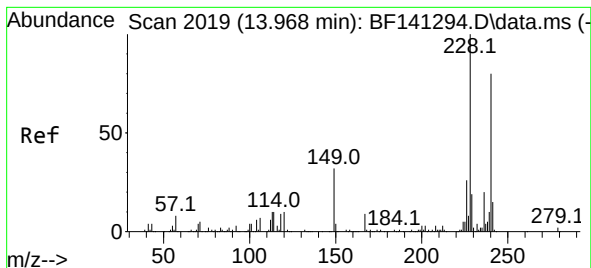
Ion Ratio Lower Upper

248 100

250 200.4 79.0 118.4#

141 485.9 63.7 95.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.962 min Scan# 2019

Delta R.T. -0.012 min

Lab File: BF141351.D

Acq: 01 Feb 2025 00:03

Instrument :

BNA_F

ClientSampleId :

B-113-SB02

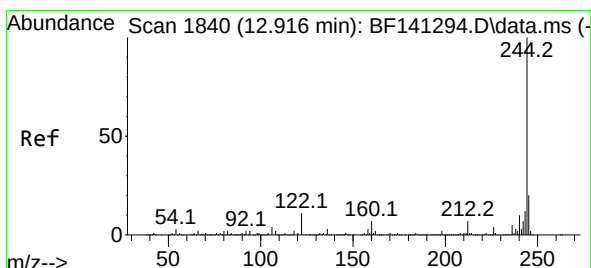
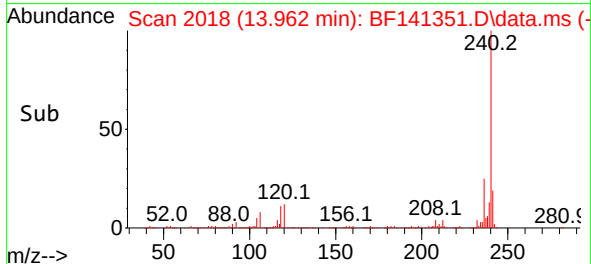
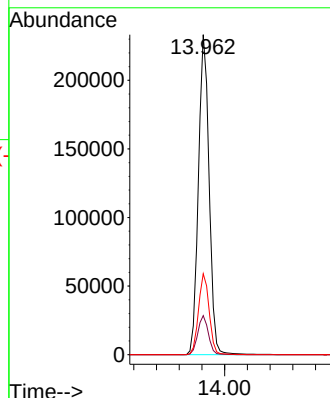
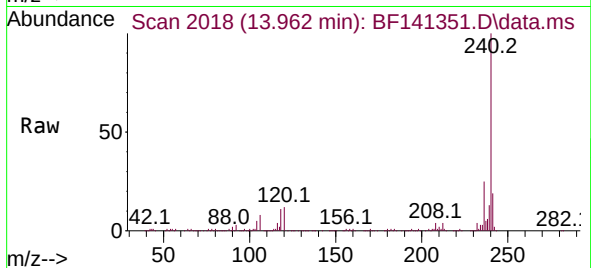
Tgt Ion:240 Resp: 306408

Ion Ratio Lower Upper

240 100

120 12.2 10.0 15.0

236 25.3 19.7 29.5



#79

Terphenyl-d14

Concen: 56.379 ng

RT: 12.910 min Scan# 1839

Delta R.T. -0.006 min

Lab File: BF141351.D

Acq: 01 Feb 2025 00:03

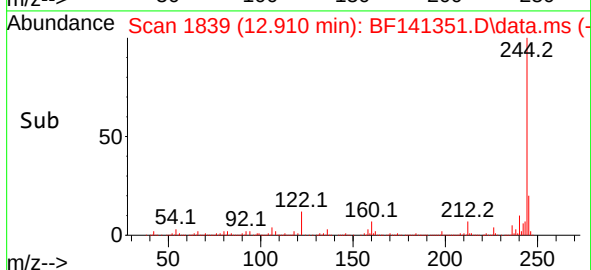
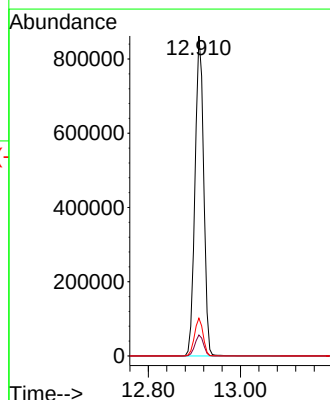
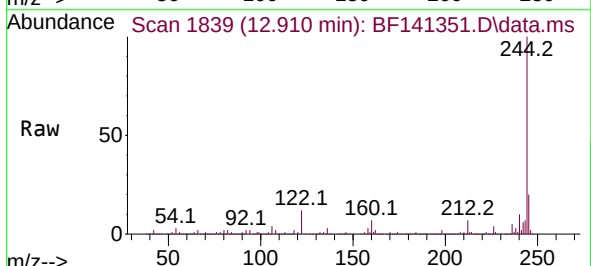
Tgt Ion:244 Resp: 1120159

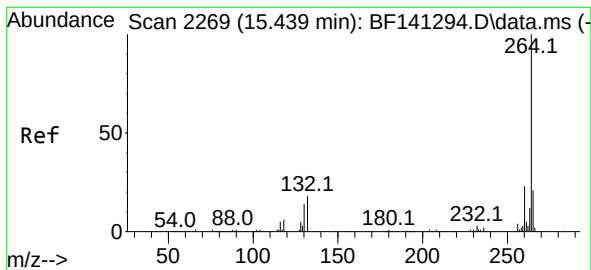
Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

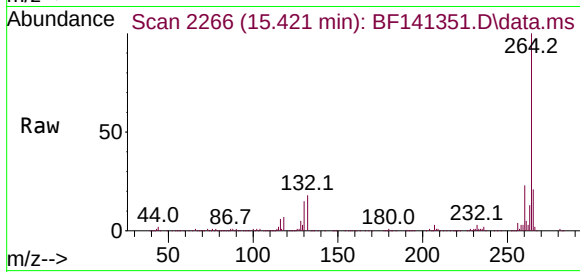
122 11.8 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BF141351.D
 Acq: 01 Feb 2025 00:03

Instrument :
 BNA_F
 ClientSampleId :
 B-113-SB02



Tgt Ion:264 Resp: 276735
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.6 27.8
 265 21.4 16.7 25.1

