

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020824\
 Data File : BF137336.D
 Acq On : 08 Feb 2024 14:27
 Operator : CG\JU
 Sample : P1371-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T180-AOP

Quant Time: Feb 08 15:17:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 04:56:22 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

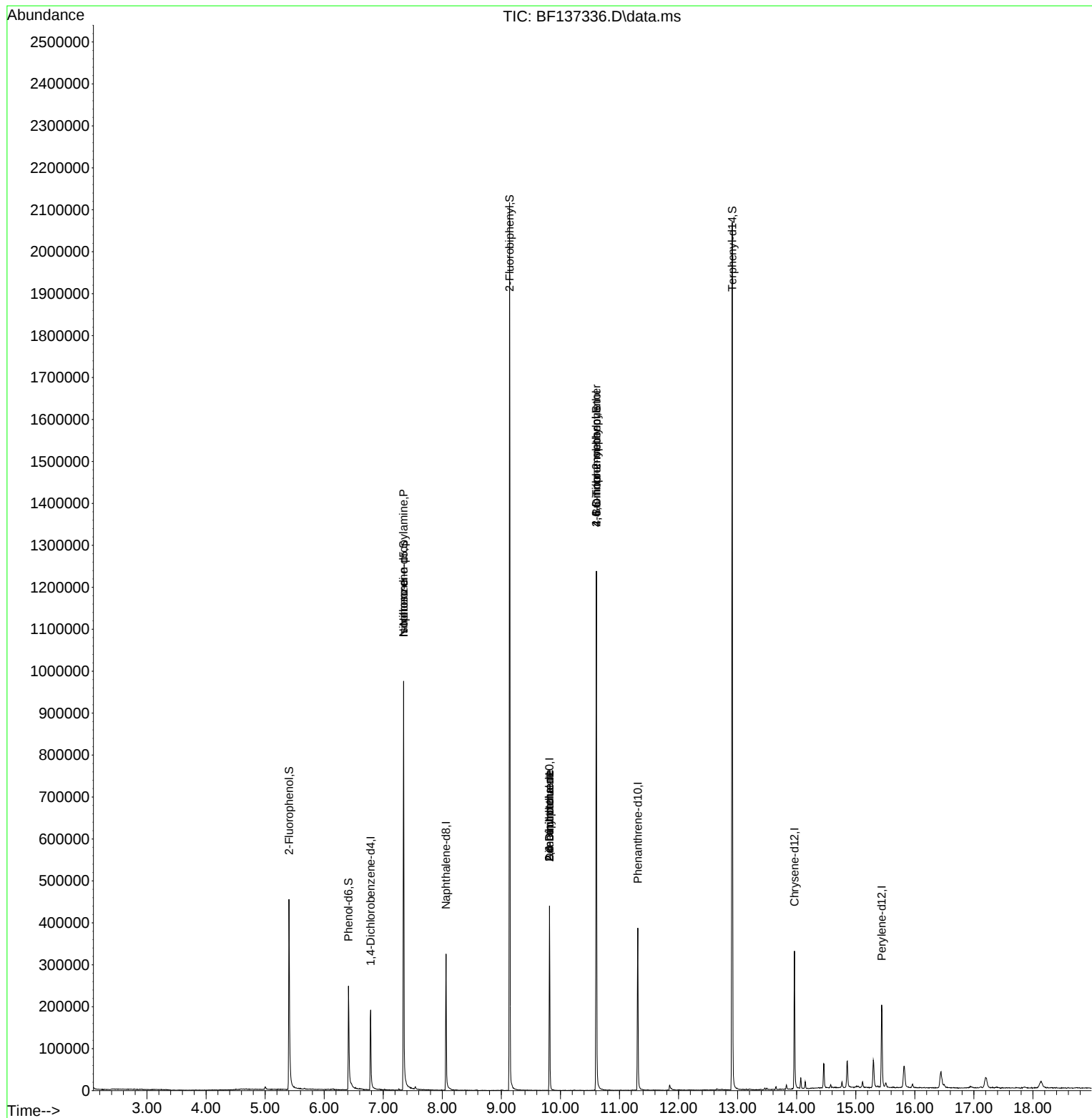
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	33063	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	136213	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	81896	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	149966	20.000	ng	# 0.00
76) Chrysene-d12	13.963	240	118985	20.000	ng	-0.01
86) Perylene-d12	15.439	264	105590	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	128017	63.890	ng	-0.01
7) Phenol-d6	6.410	99	94961	33.209	ng	-0.02
23) Nitrobenzene-d5	7.345	82	300078	98.632	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	142453	154.021	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	587651	98.640	ng	-0.01
79) Terphenyl-d14	12.910	244	689147	78.737	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	40395	20.603	ng	# 79
25) Isophorone	7.345	82	300076	53.436	ng	# 67
50) Dimethylphthalate	9.816	163	14721	2.661	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	10677	9.050	ng	# 17
57) 2,4-Dinitrotoluene	9.816	165	10677	6.975	ng	# 16
65) 4,6-Dinitro-2-methylph...	10.610	198	334	5.827	ng	# 1
67) 4-Bromophenyl-phenylether	10.610	248	10001	6.065	ng	# 1

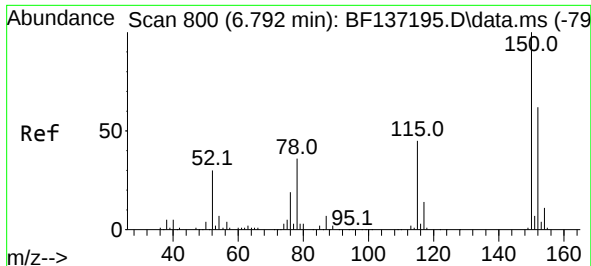
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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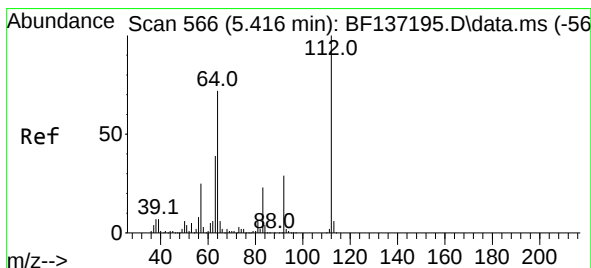
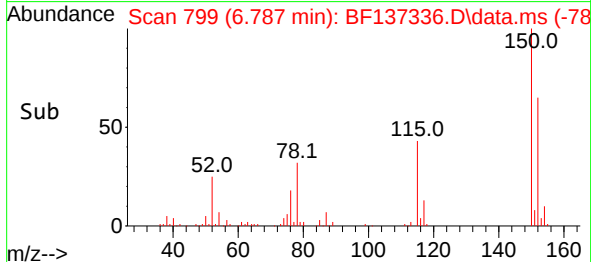
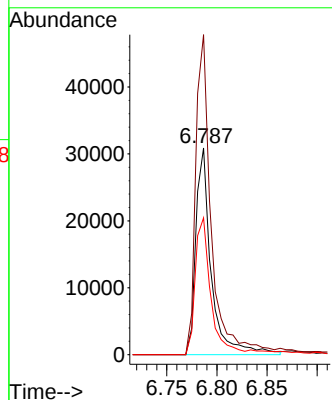
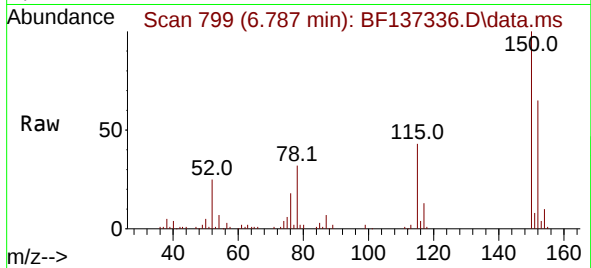




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF137336.D
Acq: 08 Feb 2024 14:27

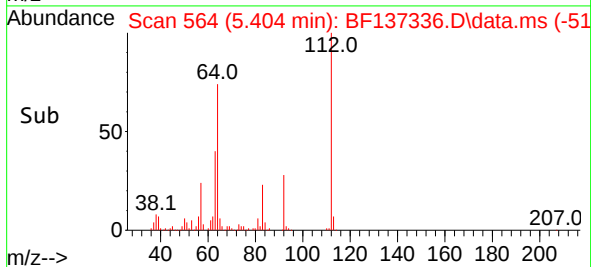
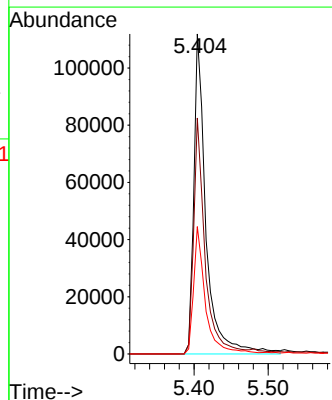
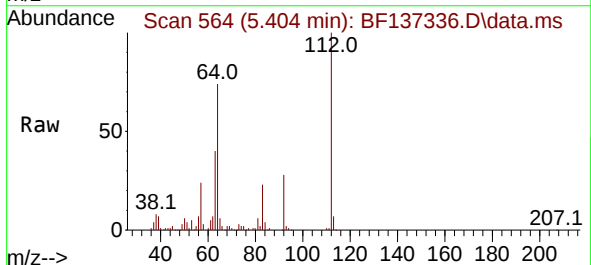
Instrument :
BNA_F
ClientSampleId :
T180-AOP

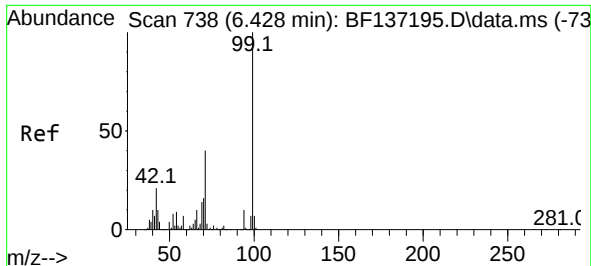
Tgt Ion:152 Resp: 33063
Ion Ratio Lower Upper
152 100
150 154.8 129.8 194.8
115 66.1 58.5 87.7



#5
2-Fluorophenol
Concen: 63.890 ng
RT: 5.404 min Scan# 564
Delta R.T. -0.012 min
Lab File: BF137336.D
Acq: 08 Feb 2024 14:27

Tgt Ion:112 Resp: 128017
Ion Ratio Lower Upper
112 100
64 73.7 57.8 86.6
63 39.8 31.4 47.0

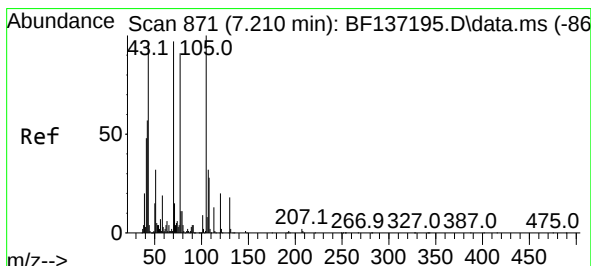
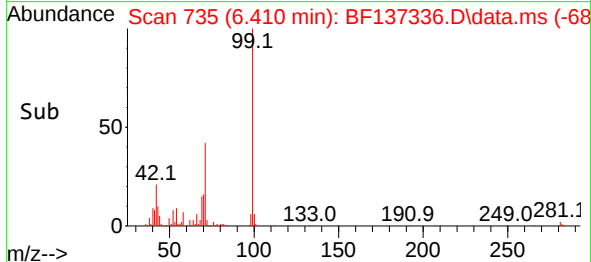
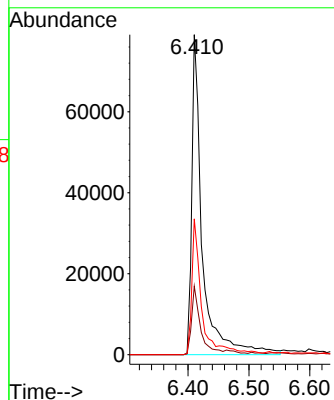
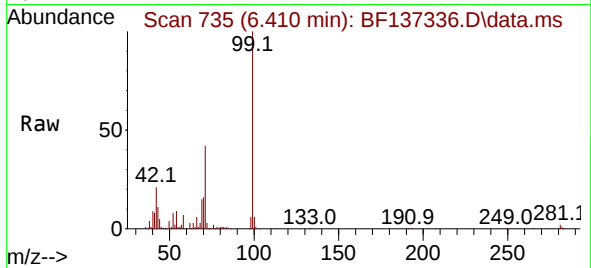




#7
Phenol-d6
Concen: 33.209 ng
RT: 6.410 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF137336.D
Acq: 08 Feb 2024 14:27

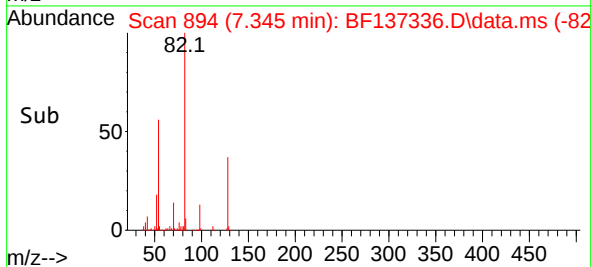
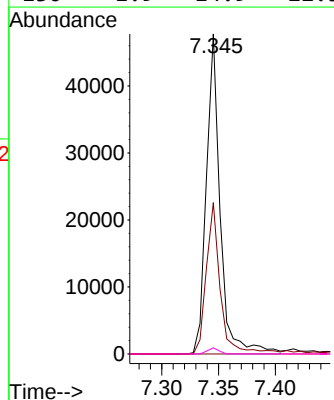
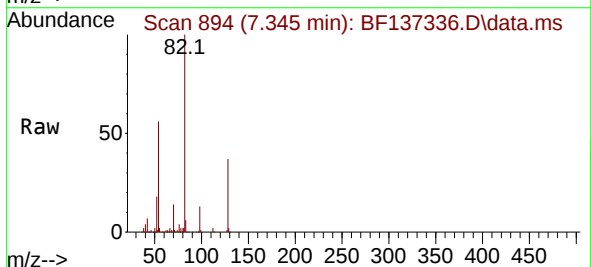
Instrument :
BNA_F
ClientSampleId :
T180-AOP

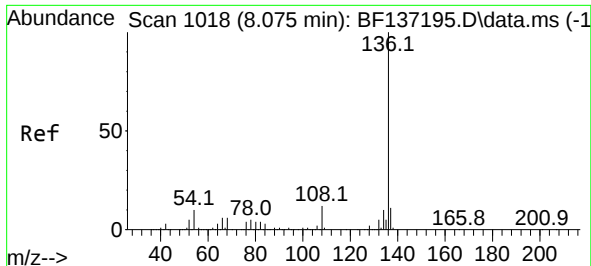
Tgt Ion:	99	Resp:	94961
Ion	Ratio	Lower	Upper
99	100		
42	21.4	16.4	24.6
71	42.5	32.4	48.6



#19
n-Nitroso-di-n-propylamine
Concen: 20.603 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF137336.D
Acq: 08 Feb 2024 14:27

Tgt Ion:	70	Resp:	40395
Ion	Ratio	Lower	Upper
70	100		
42	47.3	47.2	70.8
101	0.0	7.4	11.0#
130	1.9	14.9	22.3#

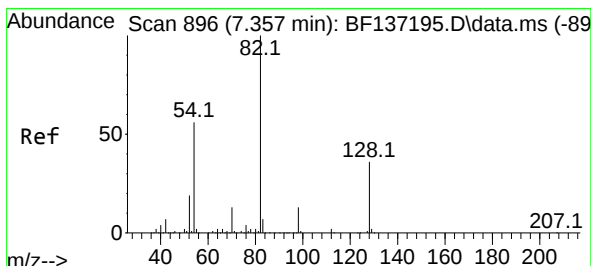
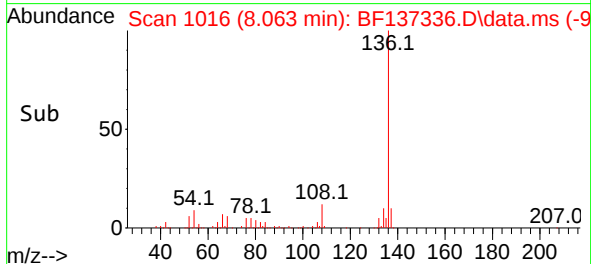
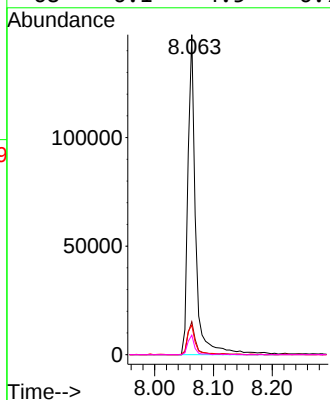
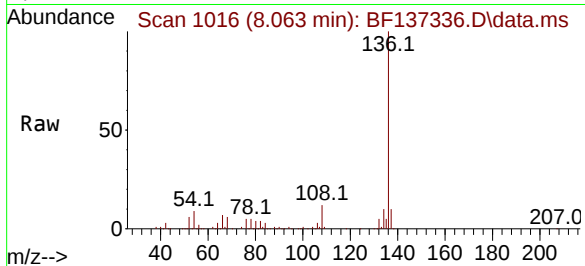




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BF137336.D
Acq: 08 Feb 2024 14:27

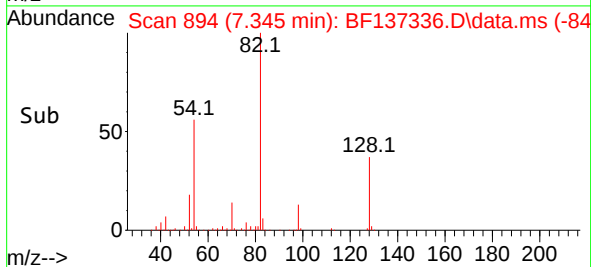
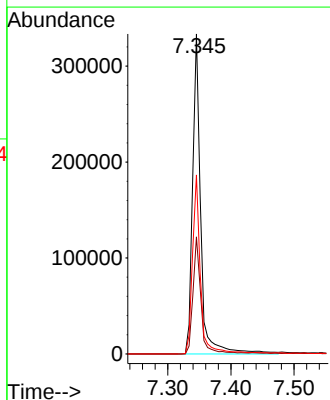
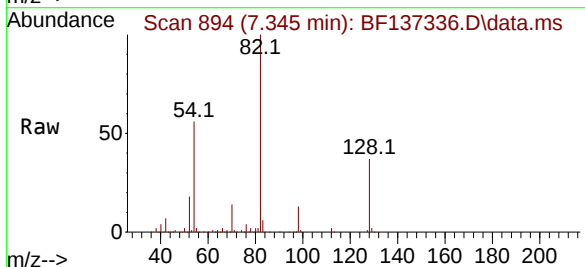
Instrument :
BNA_F
ClientSampleId :
T180-AOP

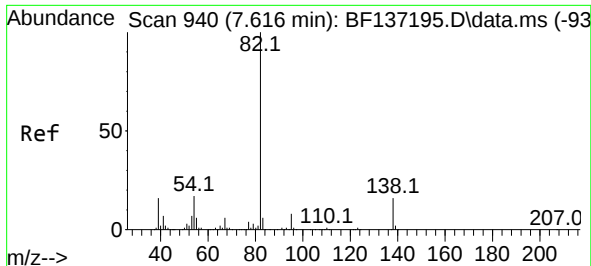
Tgt Ion	136	Resp: Lower	136213 Upper
136	100		
137	10.3	8.9	13.3
54	9.1	7.8	11.8
68	6.1	4.5	6.7



#23
Nitrobenzene-d5
Concen: 98.632 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF137336.D
Acq: 08 Feb 2024 14:27

Tgt Ion: 82	Resp: 300078
Ion Ratio	Lower Upper
82 100	
128 36.6	29.1 43.7
54 56.0	45.0 67.6

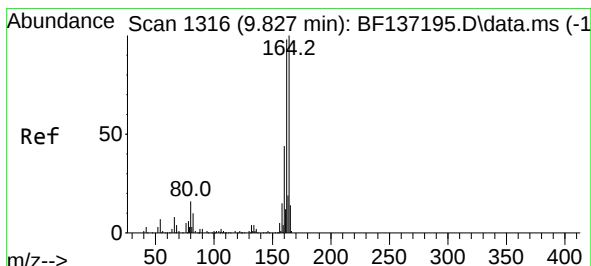
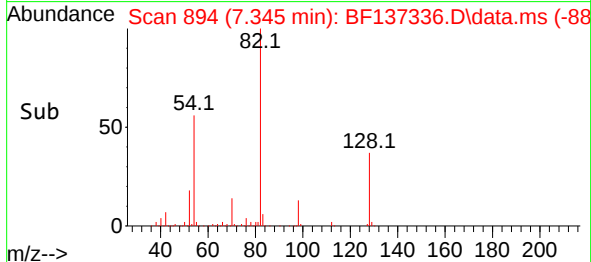
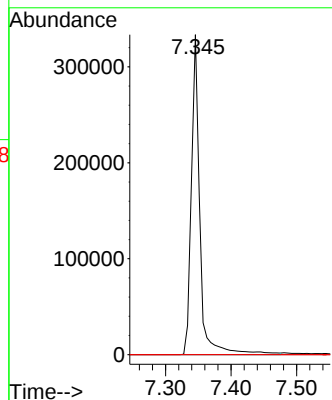
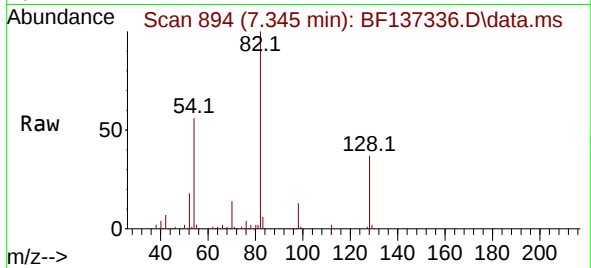




#25
Isophorone
Concen: 53.436 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.270 min
Lab File: BF137336.D
Acq: 08 Feb 2024 14:27

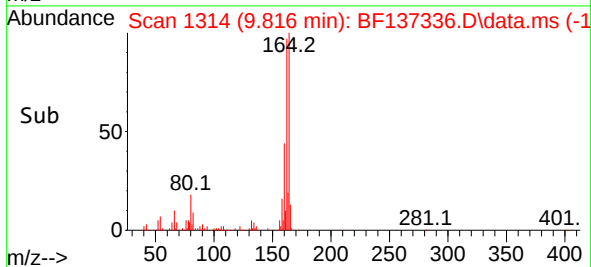
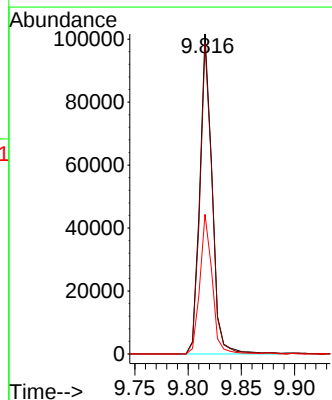
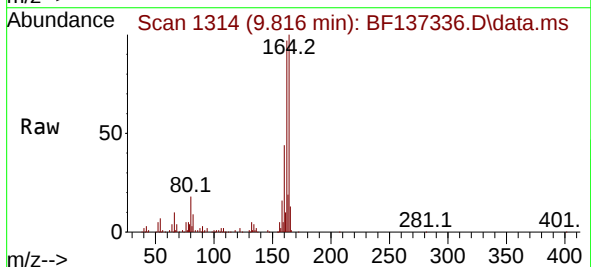
Instrument :
BNA_F
ClientSampleId :
T180-AOP

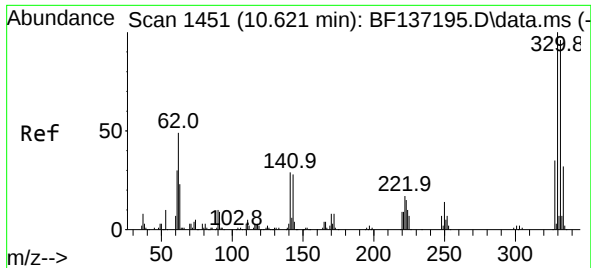
Tgt Ion: 82 Resp: 300076
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 12.7 19.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.011 min
Lab File: BF137336.D
Acq: 08 Feb 2024 14:27

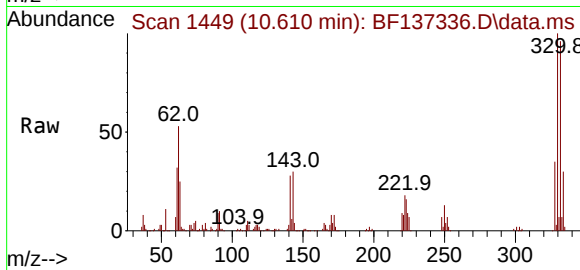
Tgt Ion:164 Resp: 81896
Ion Ratio Lower Upper
164 100
162 97.1 78.3 117.5
160 43.7 35.4 53.2



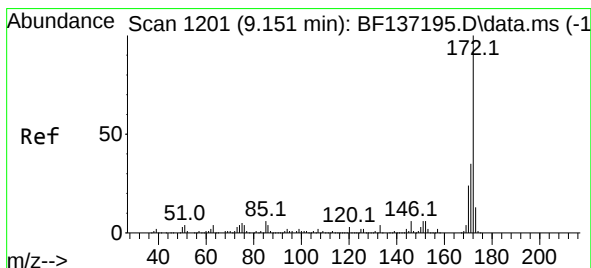
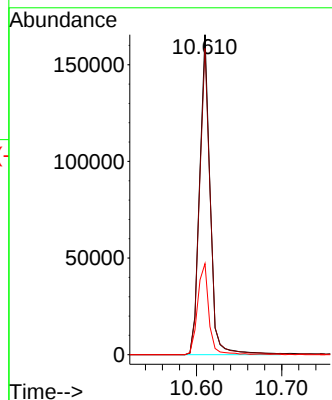
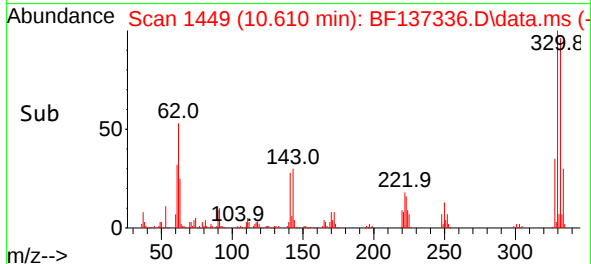


#42
2,4,6-Tribromophenol
Concen: 154.021 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF137336.D
Acq: 08 Feb 2024 14:27

Instrument :
BNA_F
ClientSampleId :
T180-AOP

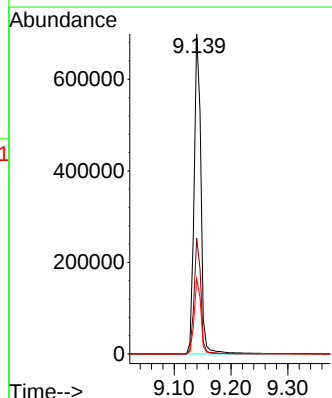
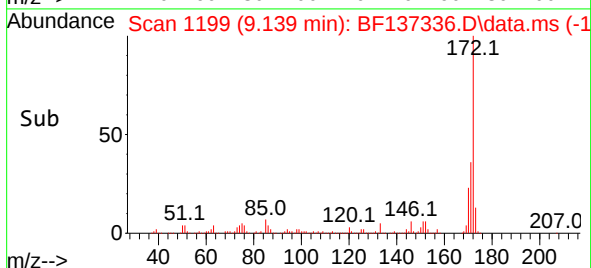
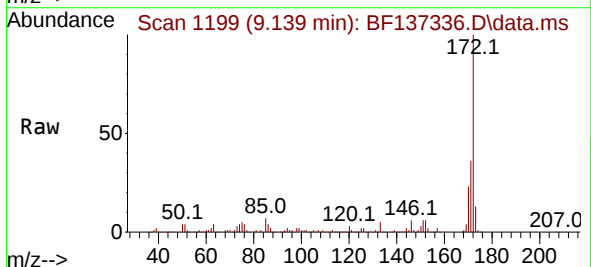


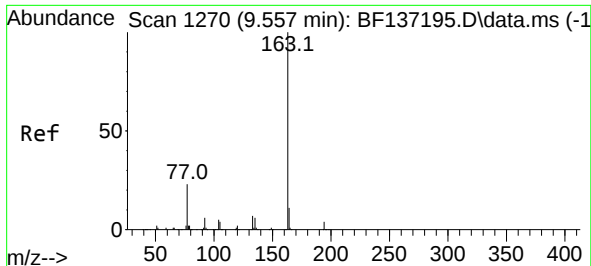
Tgt Ion:330 Resp: 142453
Ion Ratio Lower Upper
330 100
332 97.3 77.3 115.9
141 30.4 25.2 37.8



#45
2-Fluorobiphenyl
Concen: 98.640 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF137336.D
Acq: 08 Feb 2024 14:27

Tgt Ion:172 Resp: 587651
Ion Ratio Lower Upper
172 100
171 36.2 28.3 42.5
170 23.5 19.1 28.7

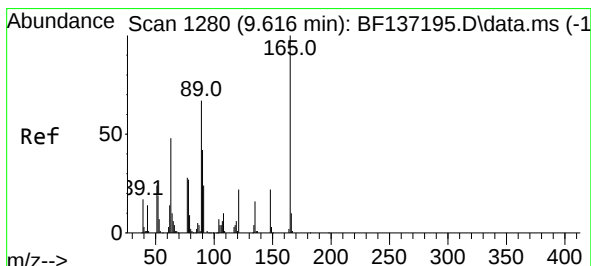
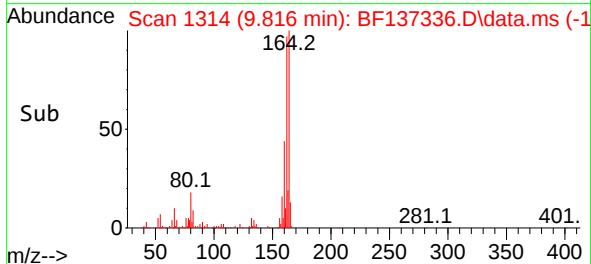
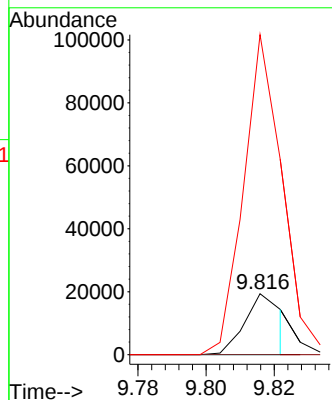
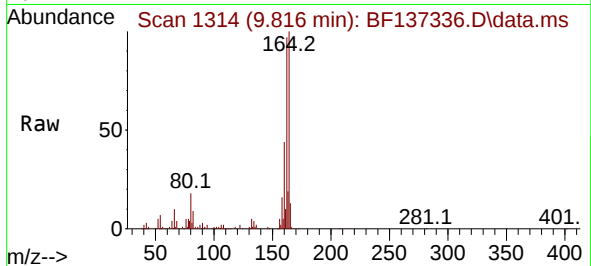




#50
Dimethylphthalate
Concen: 2.661 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF137336.D
Acq: 08 Feb 2024 14:27

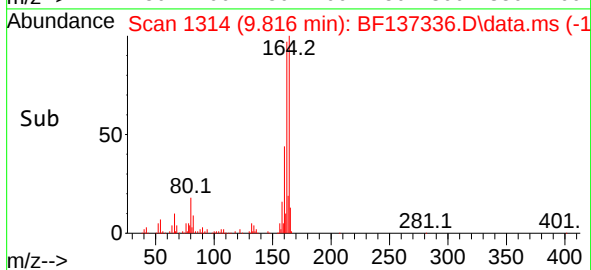
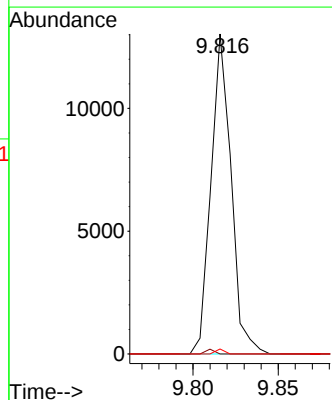
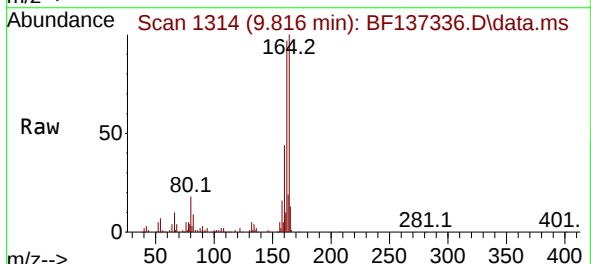
Instrument :
BNA_F
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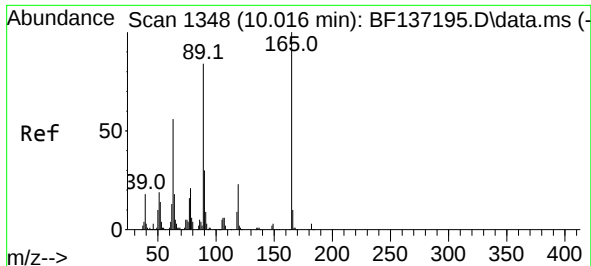
Tgt Ion:163 Resp: 14721
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 524.2 8.6 13.0#



#51
2,6-Dinitrotoluene
Concen: 9.050 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.200 min
Lab File: BF137336.D
Acq: 08 Feb 2024 14:27

Tgt Ion:165 Resp: 10677
Ion Ratio Lower Upper
165 100
63 0.0 55.1 82.7#
89 1.5 53.5 80.3#

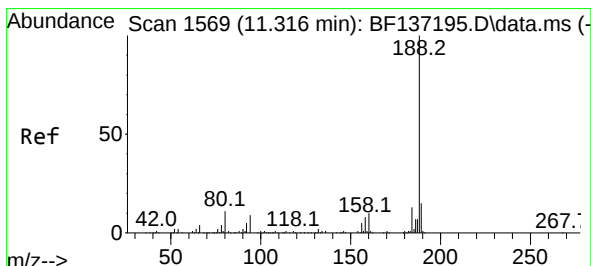
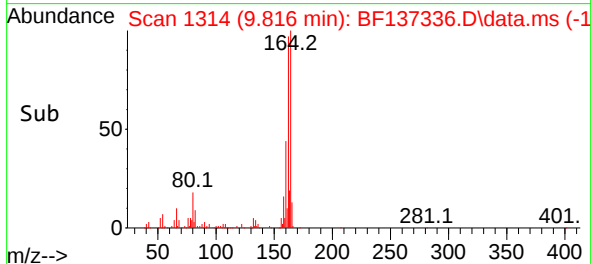
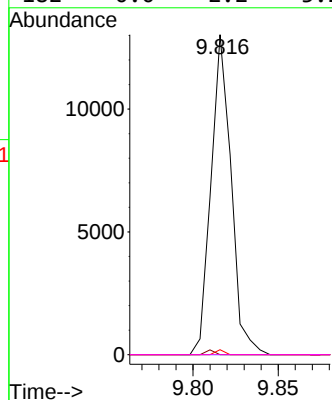
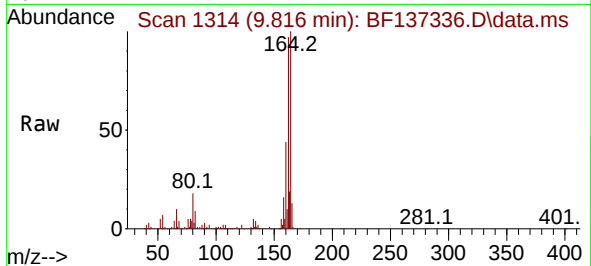




#57
2,4-Dinitrotoluene
Concen: 6.975 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF137336.D
Acq: 08 Feb 2024 14:27

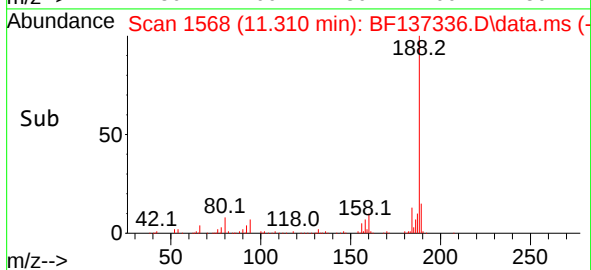
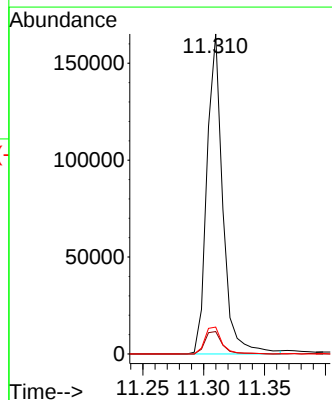
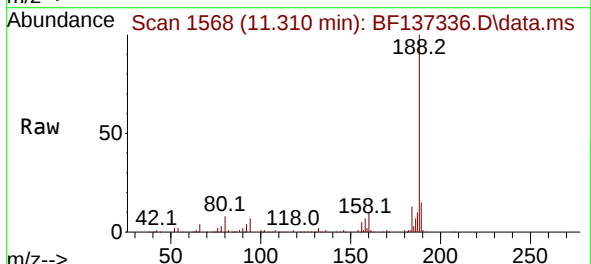
Instrument :
BNA_F
ClientSampleId :
T180-AOP

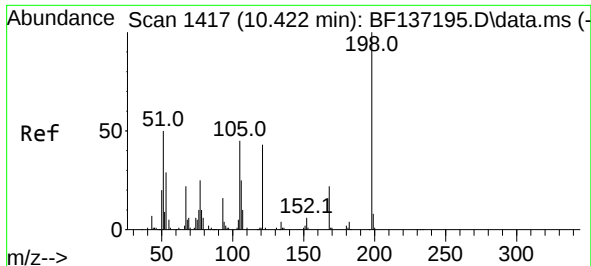
Tgt Ion:165 Resp: 10677
Ion Ratio Lower Upper
165 100
63 0.0 46.1 69.1#
89 1.5 67.5 101.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF137336.D
Acq: 08 Feb 2024 14:27

Tgt Ion:188 Resp: 149966
Ion Ratio Lower Upper
188 100
94 7.0 7.0 10.4
80 8.4 8.8 13.2#





#65

4,6-Dinitro-2-methylphenol

Concen: 5.827 ng

RT: 10.610 min Scan# 1417

Delta R.T. 0.188 min

Lab File: BF137336.D

Acq: 08 Feb 2024 14:27

Instrument :

BNA_F

ClientSampleId :

T180-AOP

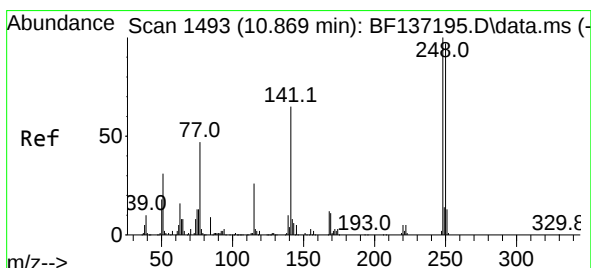
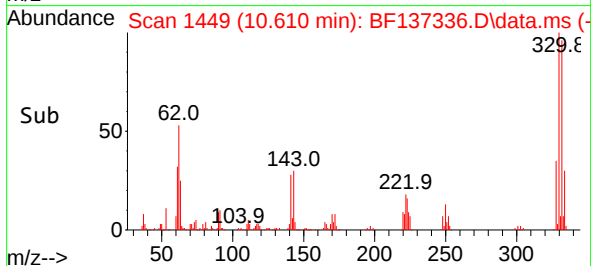
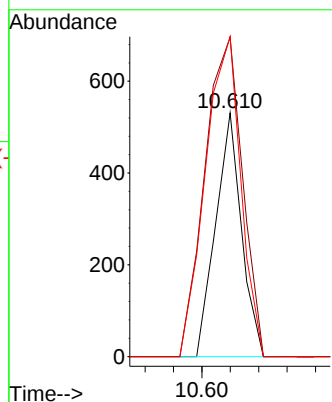
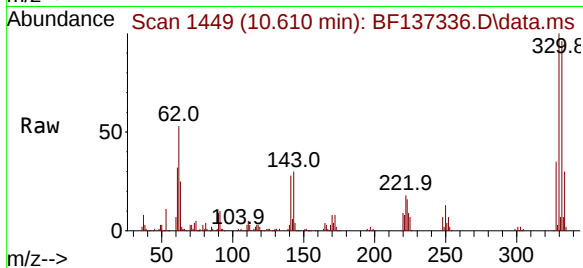
Tgt Ion:198 Resp: 334

Ion Ratio Lower Upper

198 100

51 131.1 40.9 80.9#

105 131.3 26.5 66.5#



#67

4-Bromophenyl-phenylether

Concen: 6.065 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.259 min

Lab File: BF137336.D

Acq: 08 Feb 2024 14:27

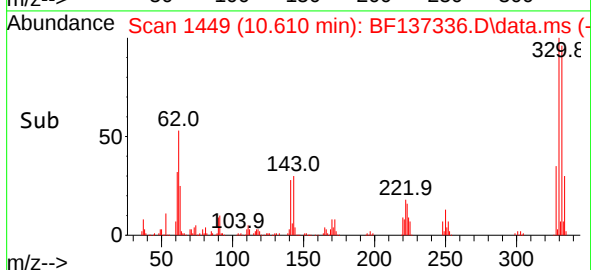
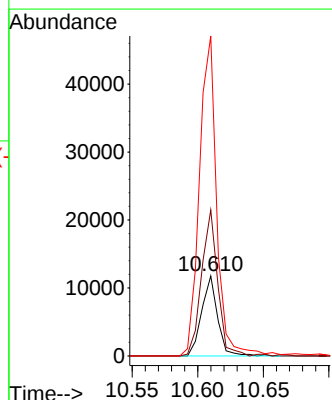
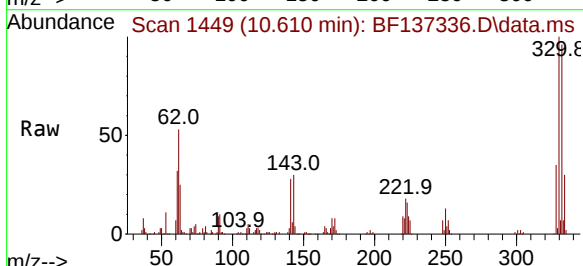
Tgt Ion:248 Resp: 10001

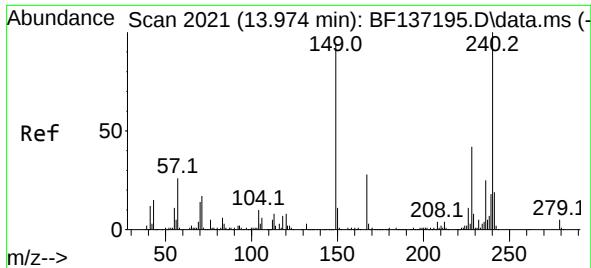
Ion Ratio Lower Upper

248 100

250 182.5 77.7 116.5#

141 399.9 51.6 77.4#

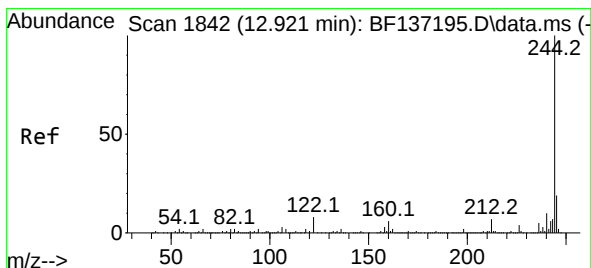
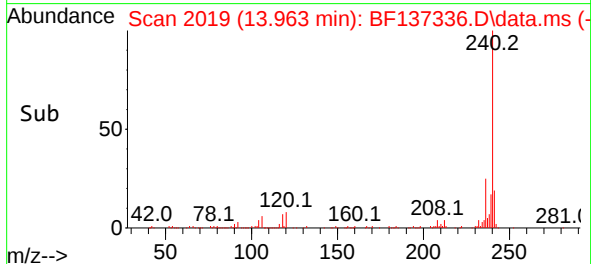
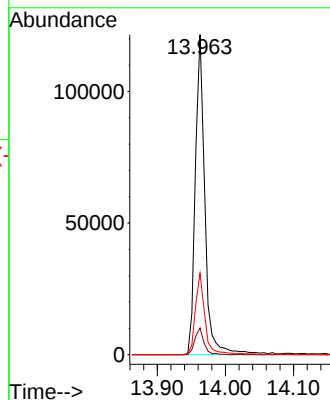
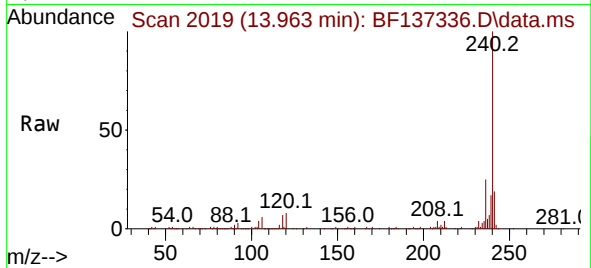




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2021
Delta R.T. -0.012 min
Lab File: BF137336.D
Acq: 08 Feb 2024 14:27

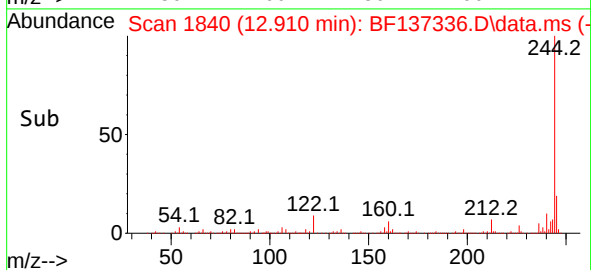
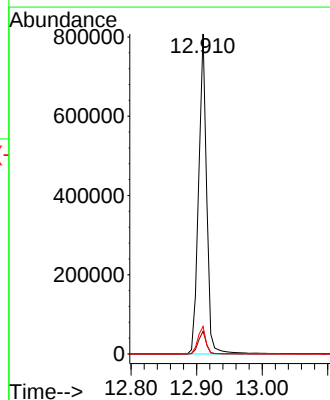
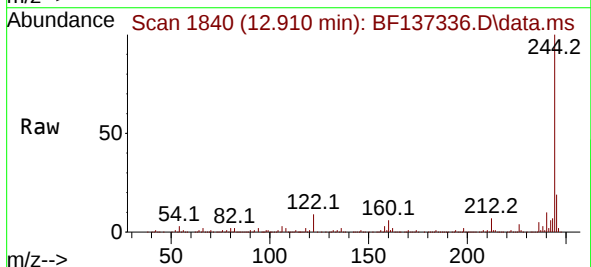
Instrument :
BNA_F
ClientSampleId :
T180-AOP

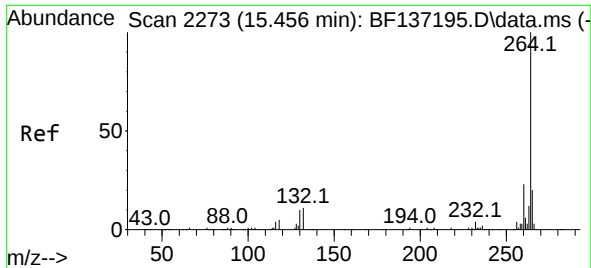
Tgt Ion:240 Resp: 118985
Ion Ratio Lower Upper
240 100
120 8.4 6.3 9.5
236 25.4 20.3 30.5



#79
Terphenyl-d14
Concen: 78.737 ng
RT: 12.910 min Scan# 1840
Delta R.T. -0.012 min
Lab File: BF137336.D
Acq: 08 Feb 2024 14:27

Tgt Ion:244 Resp: 689147
Ion Ratio Lower Upper
244 100
212 7.1 5.5 8.3
122 8.6 6.2 9.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 21
 Delta R.T. -0.017 min
 Lab File: BF137336.D
 Acq: 08 Feb 2024 14:27

Instrument :
 BNA_F
 ClientSampleId :
 T180-AOP

Tgt Ion:264 Resp: 105590
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.2 27.4
 265 22.6 16.2 24.2

