

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011224\
 Data File : BF137052.D
 Acq On : 12 Jan 2024 16:57
 Operator : CG\JU
 Sample : P1118-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Quant Time: Jan 12 17:35:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

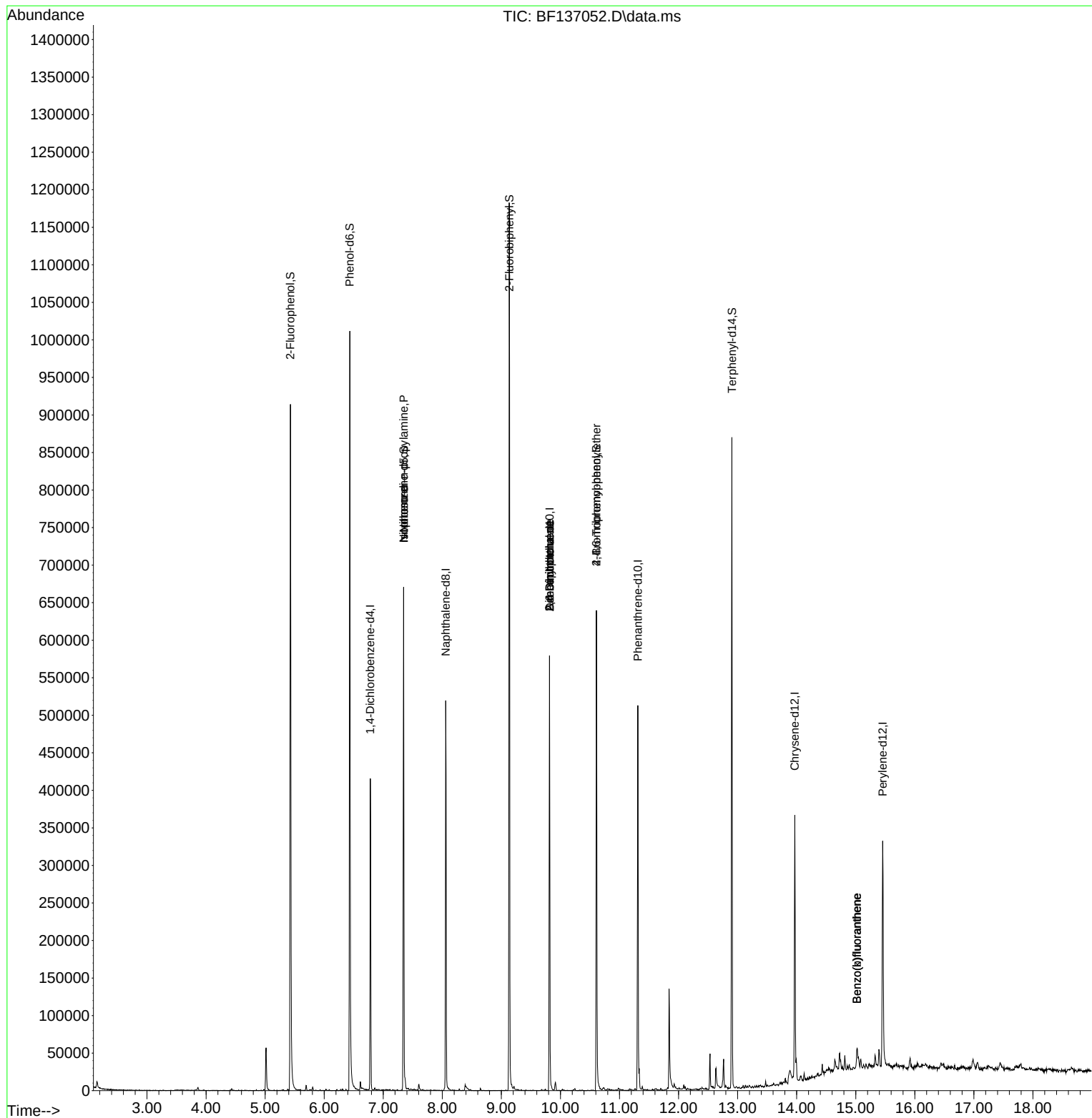
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	61305	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	227189	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	111379	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	185123	20.000	ng	0.00
76) Chrysene-d12	13.968	240	115852	20.000	ng	0.00
86) Perylene-d12	15.457	264	143130	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	252475	64.258	ng	0.00
7) Phenol-d6	6.434	99	320215	62.896	ng	0.00
23) Nitrobenzene-d5	7.345	82	188246	42.400	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	81469	62.108	ng	-0.01
45) 2-Fluorobiphenyl	9.133	172	374853	45.266	ng	-0.02
79) Terphenyl-d14	12.904	244	290398	35.029	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	23628	7.656	ng	# 73
25) Isophorone	7.345	82	188244	23.301	ng	# 65
50) Dimethylphthalate	9.816	163	20813	2.558	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	14524	7.866	ng	# 29
57) 2,4-Dinitrotoluene	9.816	165	14524	6.059	ng	# 21
67) 4-Bromophenyl-phenylether	10.610	248	4971	2.418	ng	# 1
88) Benzo(b)fluoranthene	15.021	252	20644	2.159	ng	# 97
89) Benzo(k)fluoranthene	15.021	252	20644	2.285	ng	97

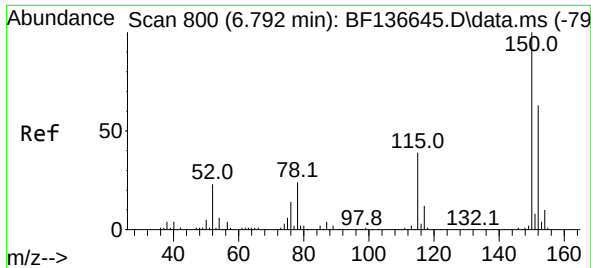
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011224\
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QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration

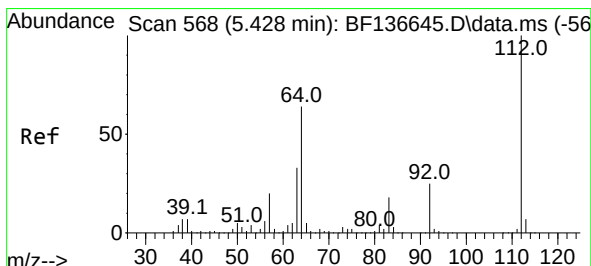
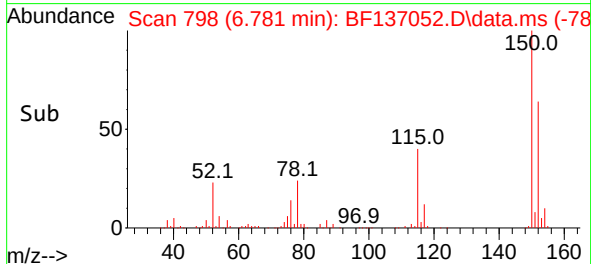
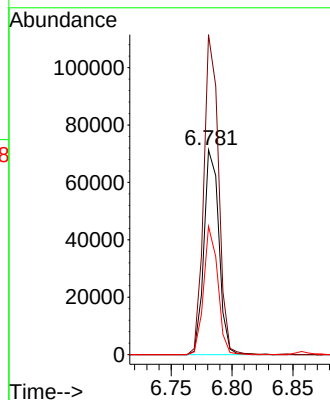
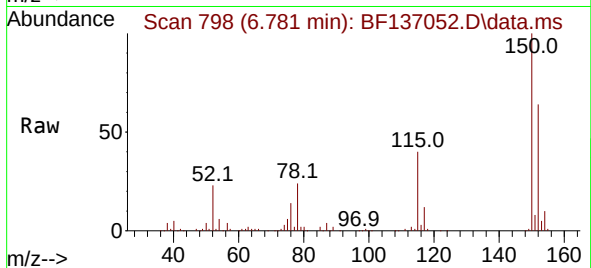




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.011 min
Lab File: BF137052.D
Acq: 12 Jan 2024 16:57

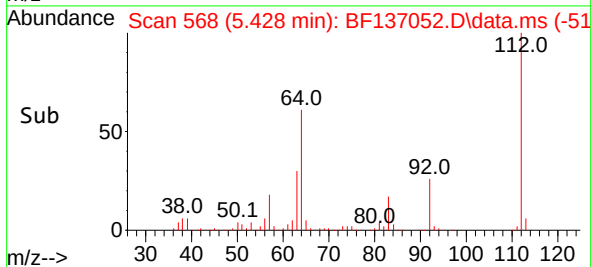
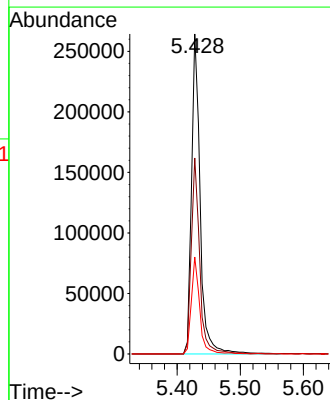
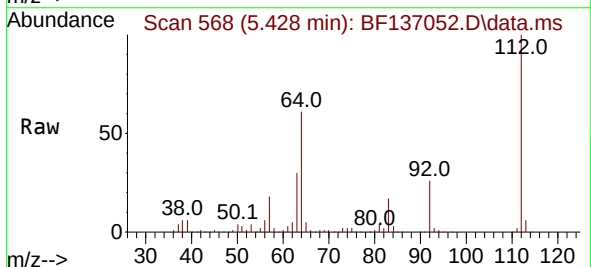
Instrument :
BNA_F
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WC-1

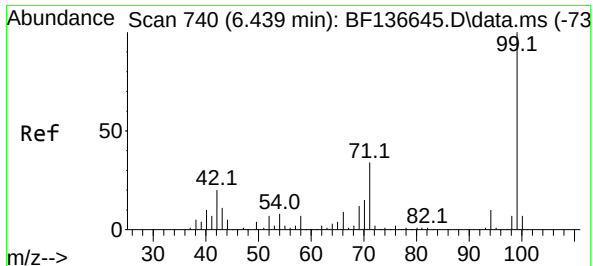
Tgt Ion:152 Resp: 61305
Ion Ratio Lower Upper
152 100
150 156.3 127.0 190.6
115 62.6 49.0 73.4



#5
2-Fluorophenol
Concen: 64.258 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF137052.D
Acq: 12 Jan 2024 16:57

Tgt Ion:112 Resp: 252475
Ion Ratio Lower Upper
112 100
64 61.3 51.1 76.7
63 30.3 26.1 39.1

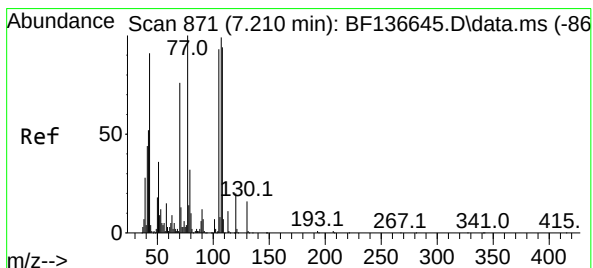
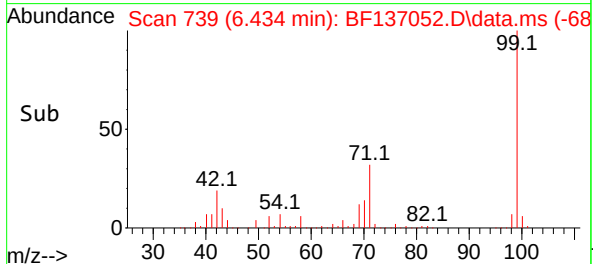
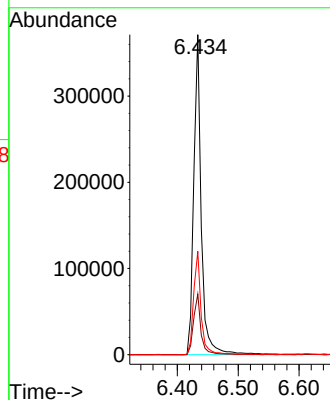
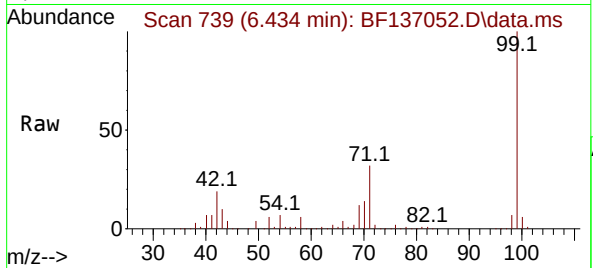




#7
Phenol-d6
Concen: 62.896 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137052.D
Acq: 12 Jan 2024 16:57

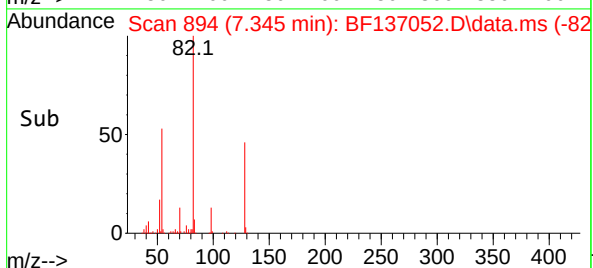
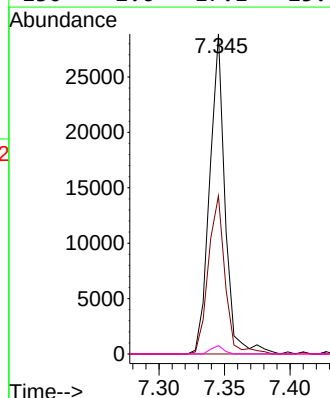
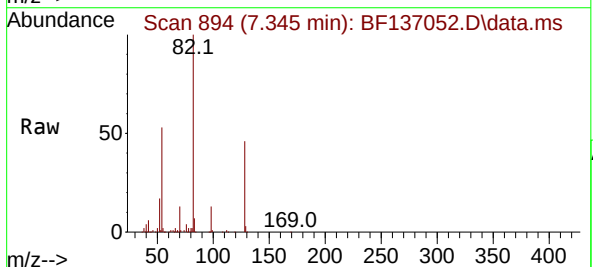
Instrument :
BNA_F
ClientSampleId :
WC-1

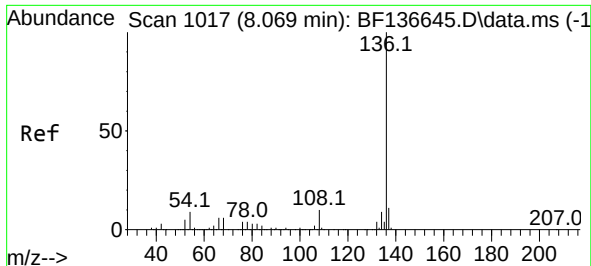
Tgt Ion: 99 Resp: 320215
Ion Ratio Lower Upper
99 100
42 18.9 16.1 24.1
71 32.3 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 7.656 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF137052.D
Acq: 12 Jan 2024 16:57

Tgt Ion: 70 Resp: 23628
Ion Ratio Lower Upper
70 100
42 49.4 54.2 81.4#
101 0.0 7.6 11.4#
130 2.6 17.1 25.7#

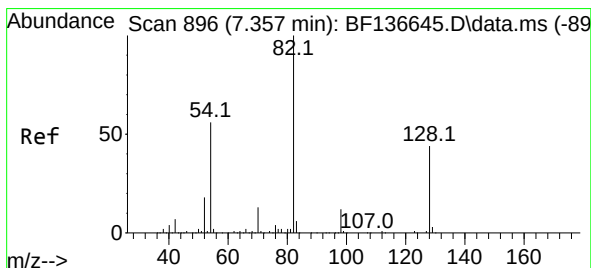
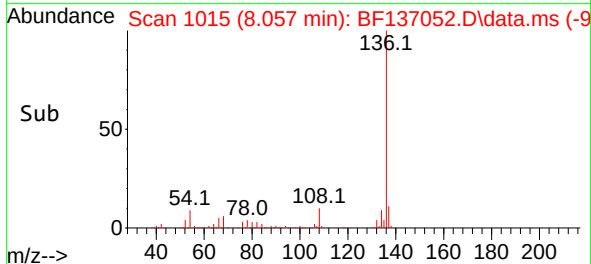
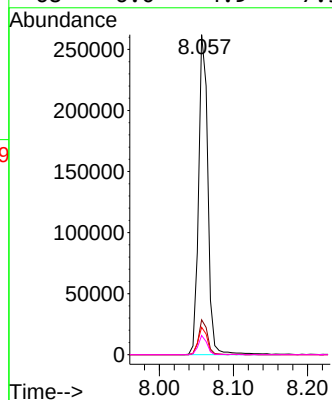
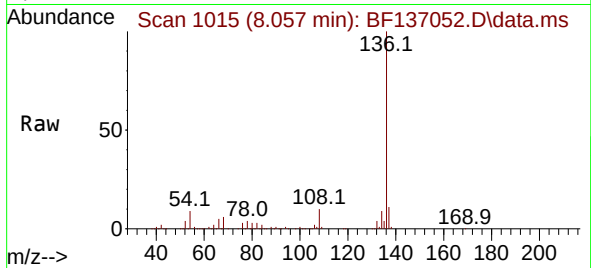




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF137052.D
Acq: 12 Jan 2024 16:57

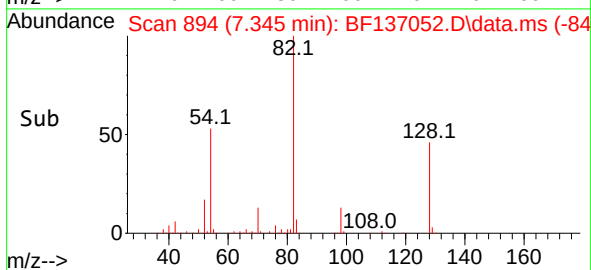
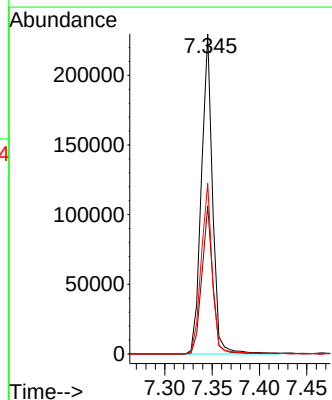
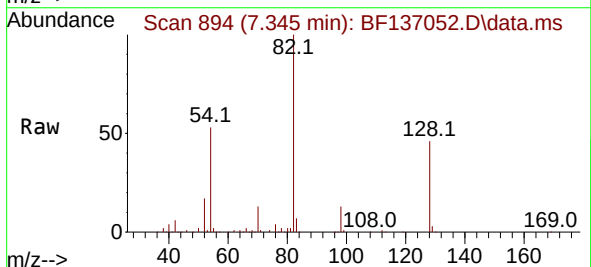
Instrument :
BNA_F
ClientSampleId :
WC-1

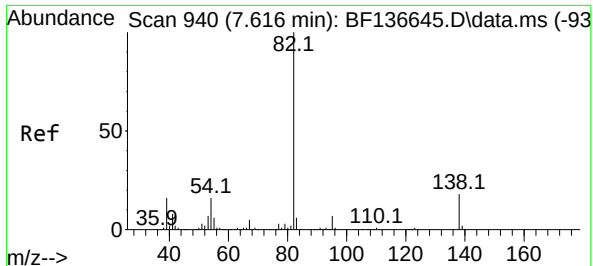
Tgt Ion:136	Resp: 227189
Ion Ratio	Lower Upper
136 100	
137 10.9	9.0 13.4
54 8.6	7.2 10.8
68 6.0	4.9 7.3



#23
Nitrobenzene-d5
Concen: 42.400 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF137052.D
Acq: 12 Jan 2024 16:57

Tgt Ion: 82	Resp: 188246
Ion Ratio	Lower Upper
82 100	
128 46.3	35.3 52.9
54 53.3	44.5 66.7

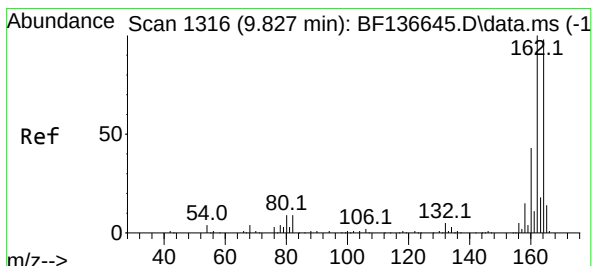
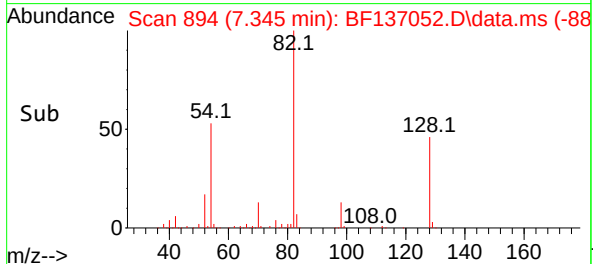
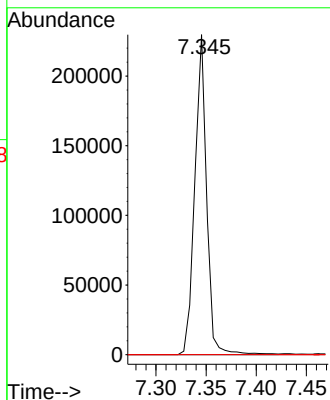
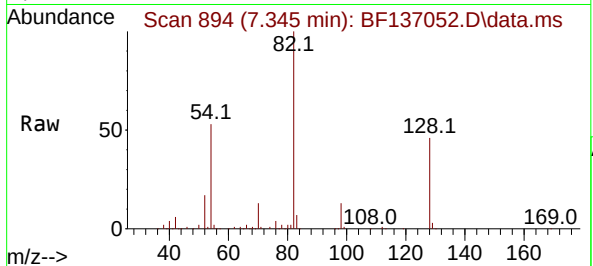




#25
Isophorone
Concen: 23.301 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.270 min
Lab File: BF137052.D
Acq: 12 Jan 2024 16:57

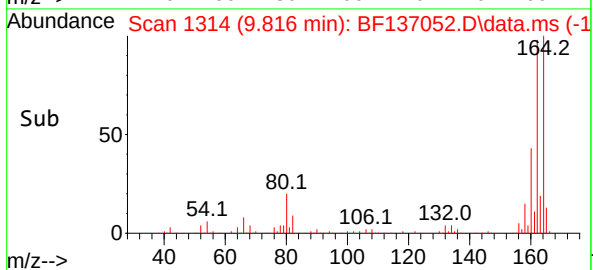
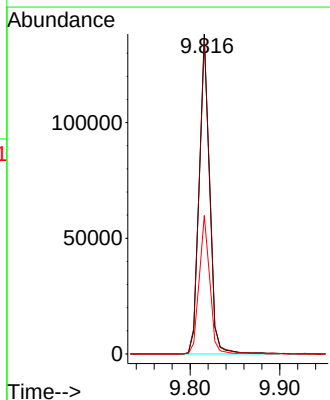
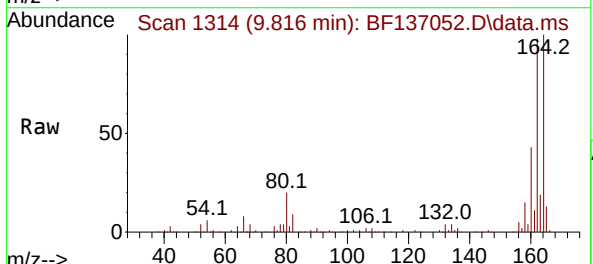
Instrument :
BNA_F
ClientSampleId :
WC-1

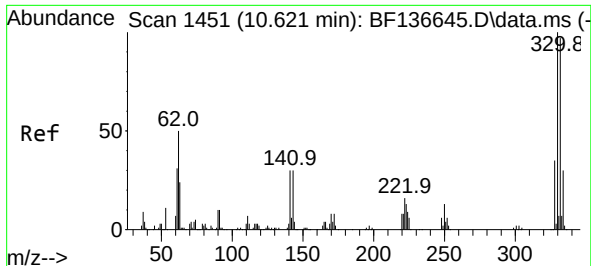
Tgt Ion: 82 Resp: 188244
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF137052.D
Acq: 12 Jan 2024 16:57

Tgt Ion:164 Resp: 111379
Ion Ratio Lower Upper
164 100
162 98.0 81.6 122.4
160 43.3 34.9 52.3

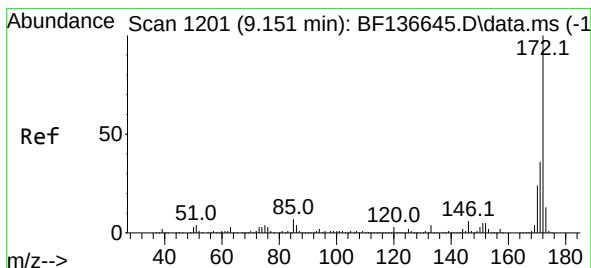
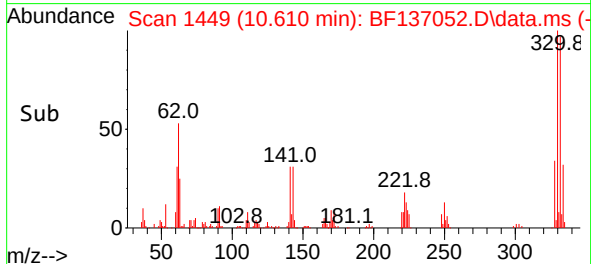
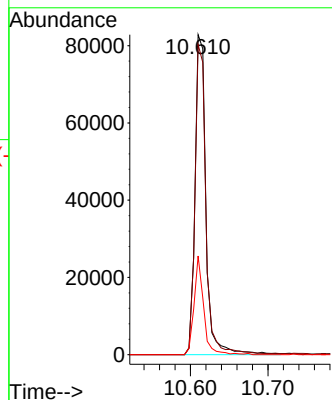
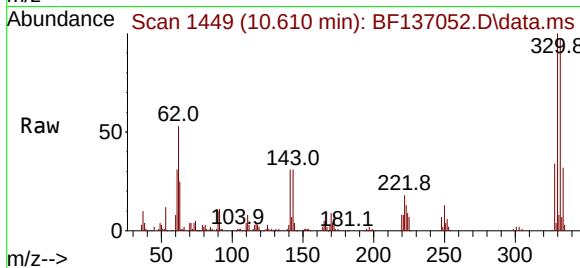




#42
2,4,6-Tribromophenol
Concen: 62.108 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF137052.D
Acq: 12 Jan 2024 16:57

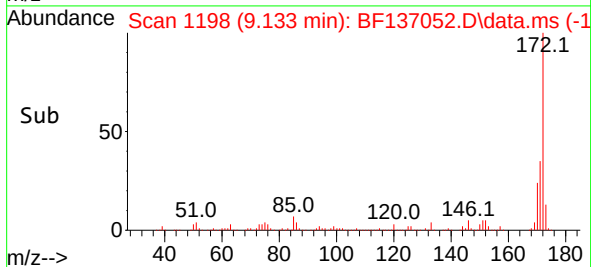
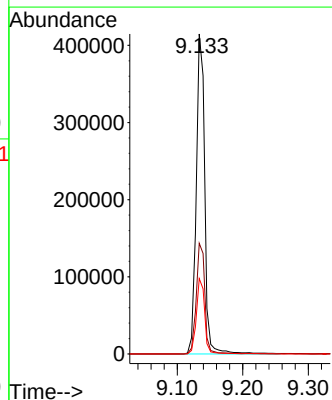
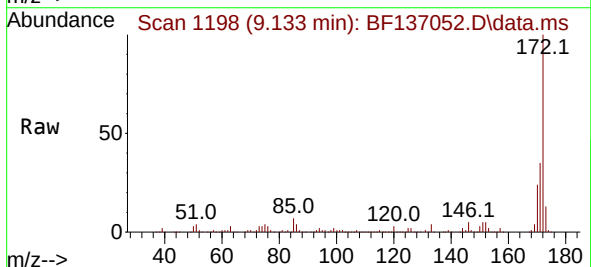
Instrument :
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ClientSampleId :
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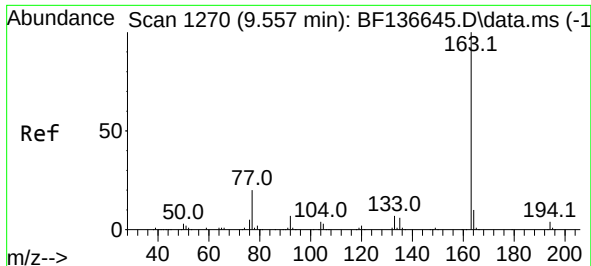
Tgt Ion:330 Resp: 81469
Ion Ratio Lower Upper
330 100
332 96.7 77.4 116.0
141 26.9 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 45.266 ng
RT: 9.133 min Scan# 1198
Delta R.T. -0.018 min
Lab File: BF137052.D
Acq: 12 Jan 2024 16:57

Tgt Ion:172 Resp: 374853
Ion Ratio Lower Upper
172 100
171 34.6 29.0 43.6
170 23.6 19.0 28.4

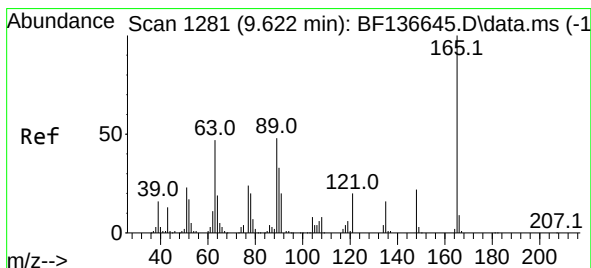
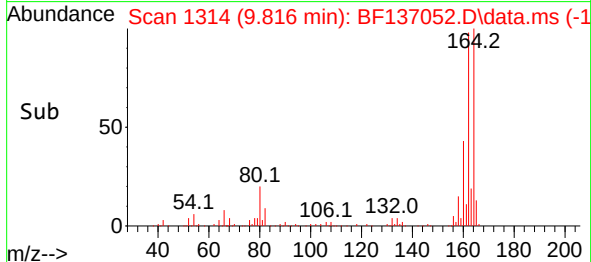
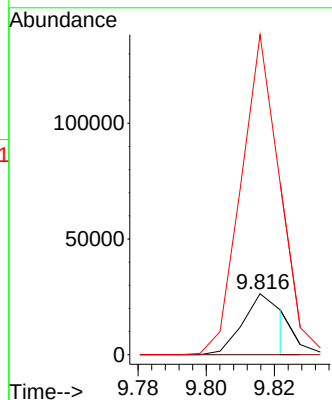
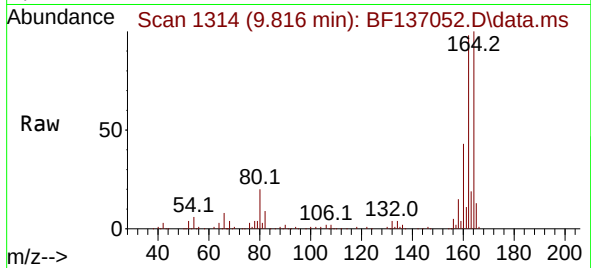




#50
Dimethylphthalate
Concen: 2.558 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF137052.D
Acq: 12 Jan 2024 16:57

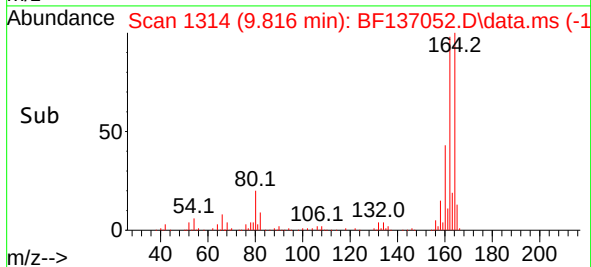
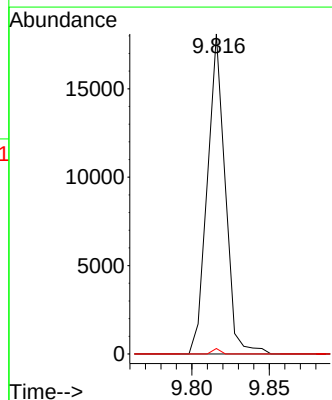
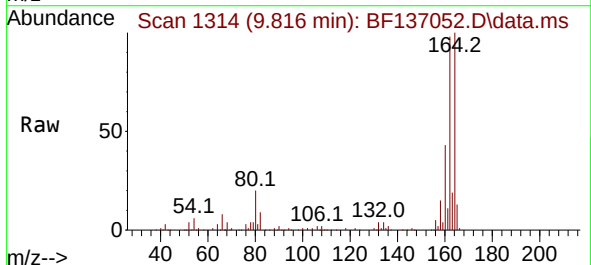
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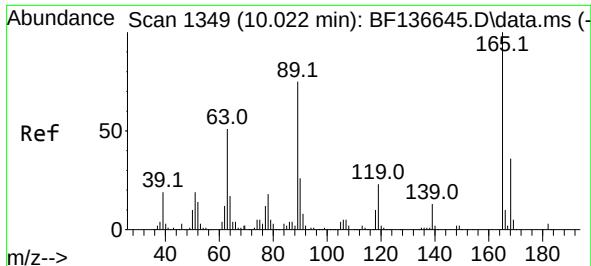
Tgt Ion:163 Resp: 20813
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 525.5 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.866 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF137052.D
Acq: 12 Jan 2024 16:57

Tgt Ion:165 Resp: 14524
Ion Ratio Lower Upper
165 100
63 0.0 39.8 59.6#
89 1.7 38.8 58.2#

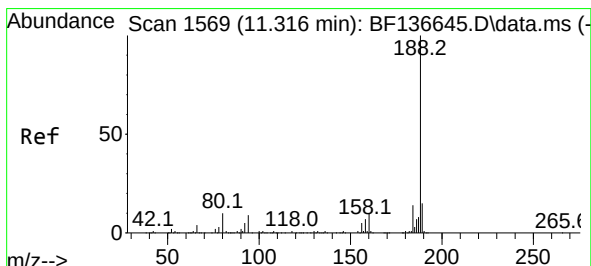
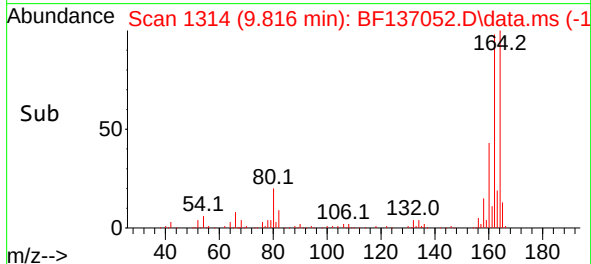
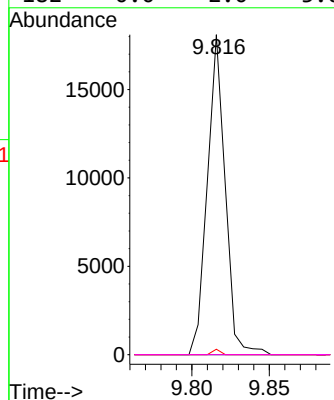
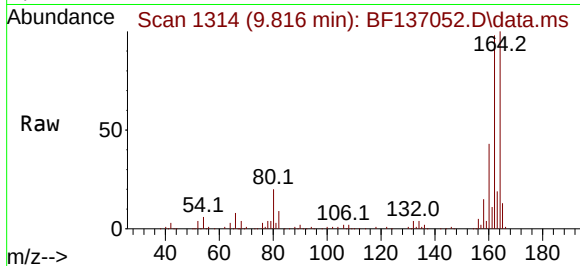




#57
2,4-Dinitrotoluene
Concen: 6.059 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF137052.D
Acq: 12 Jan 2024 16:57

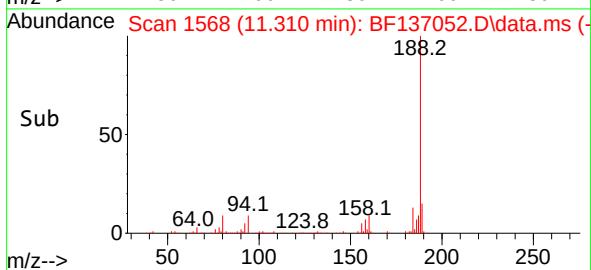
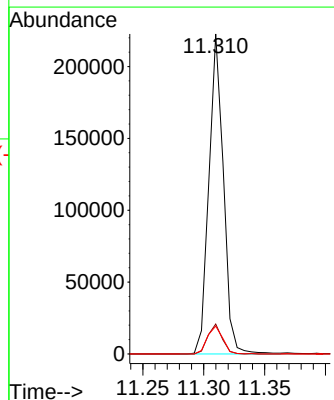
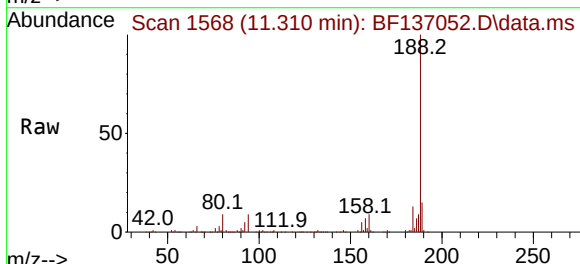
Instrument :
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WC-1

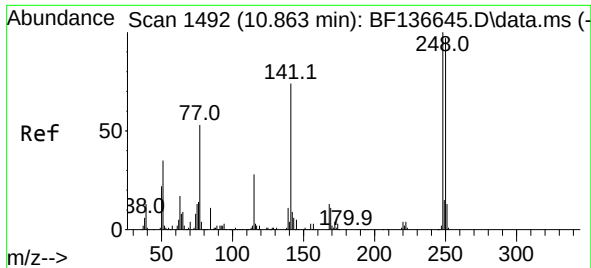
Tgt Ion:165	Resp:	14524
Ion Ratio	Lower	Upper
165	100	
63	0.0	41.0 61.6#
89	1.7	59.9 89.9#
182	0.0	2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF137052.D
Acq: 12 Jan 2024 16:57

Tgt Ion:188	Resp:	185123
Ion Ratio	Lower	Upper
188	100	
94	9.4	7.5 11.3
80	8.7	8.1 12.1

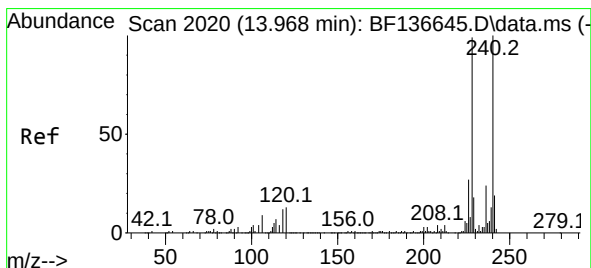
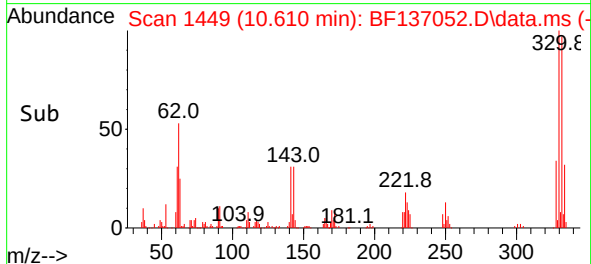
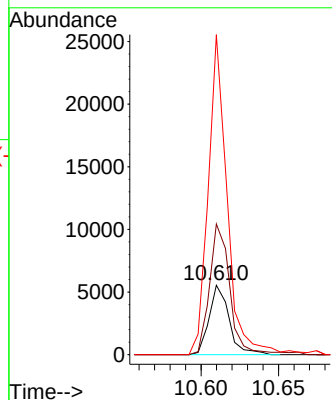
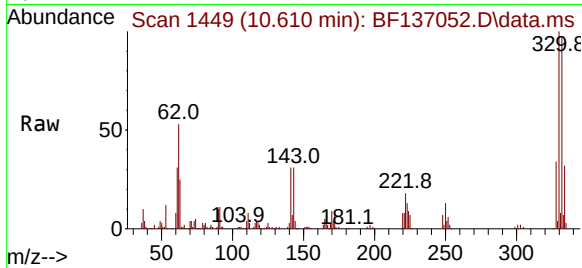




#67
4-Bromophenyl-phenylether
Concen: 2.418 ng
RT: 10.610 min Scan# 1492
Delta R.T. -0.253 min
Lab File: BF137052.D
Acq: 12 Jan 2024 16:57

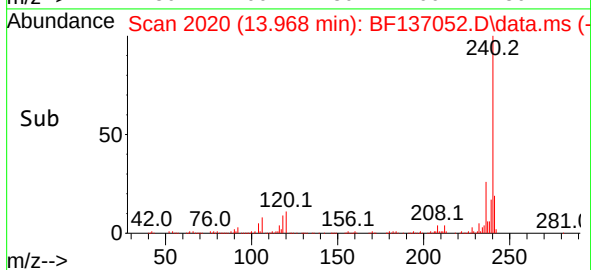
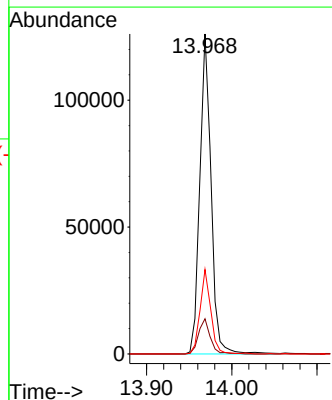
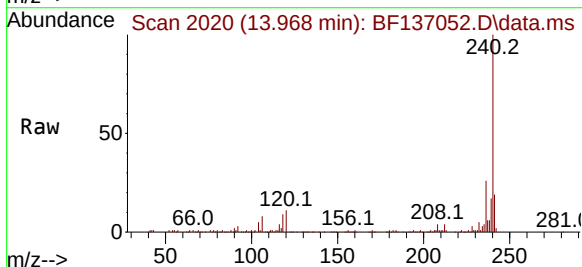
Instrument :
BNA_F
ClientSampleId :
WC-1

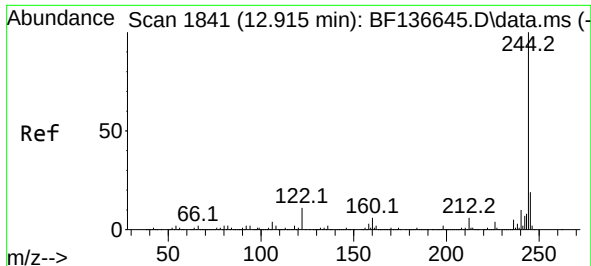
Tgt Ion:248 Resp: 4971
Ion Ratio Lower Upper
248 100
250 188.2 77.8 116.6#
141 461.0 59.2 88.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF137052.D
Acq: 12 Jan 2024 16:57

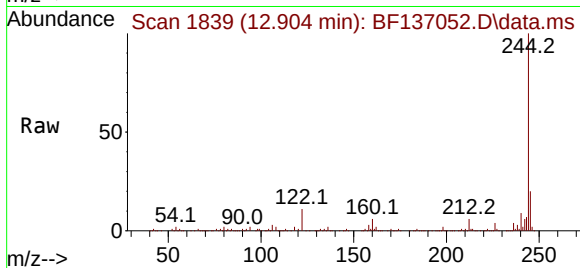
Tgt Ion:240 Resp: 115852
Ion Ratio Lower Upper
240 100
120 11.0 10.3 15.5
236 26.4 19.4 29.2



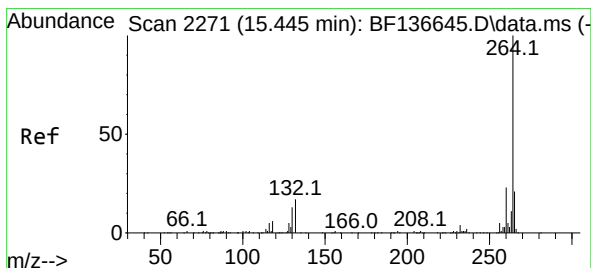
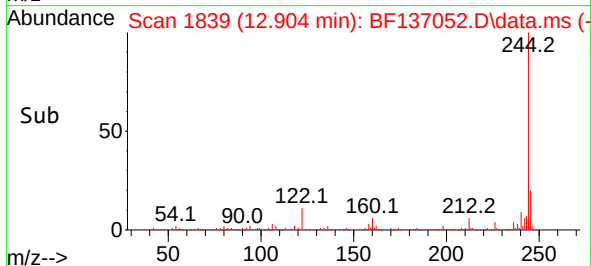
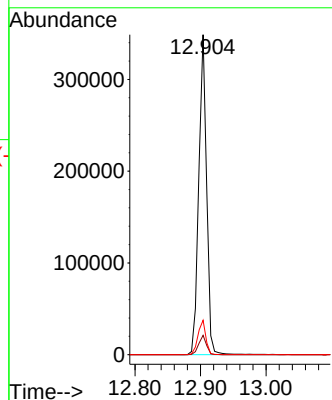


#79
 Terphenyl-d14
 Concen: 35.029 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.012 min
 Lab File: BF137052.D
 Acq: 12 Jan 2024 16:57

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

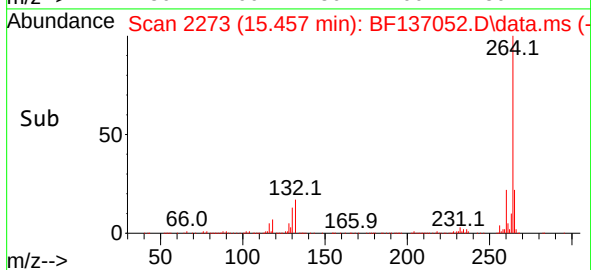
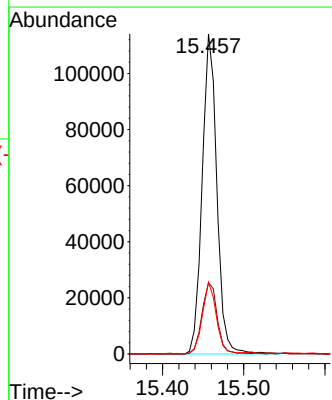
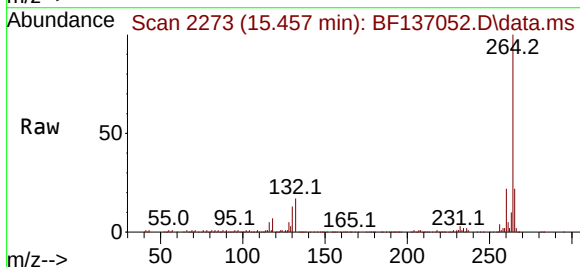


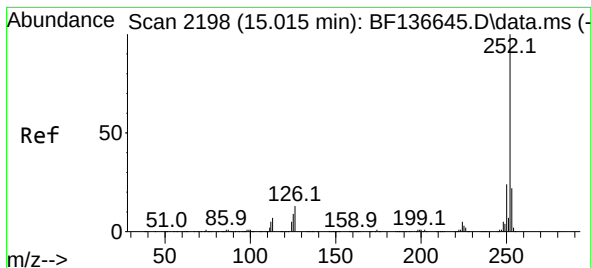
Tgt Ion:	244	Resp:	290398
Ion Ratio	Lower	Upper	
244	100		
212	6.1	5.0	7.4
122	10.7	9.0	13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 2273
 Delta R.T. 0.012 min
 Lab File: BF137052.D
 Acq: 12 Jan 2024 16:57

Tgt Ion:	264	Resp:	143130
Ion Ratio	Lower	Upper	
264	100		
260	22.2	18.3	27.5
265	22.4	17.0	25.6





#88

Benzo(b)fluoranthene

Concen: 2.159 ng

RT: 15.021 min Scan# 2199

Delta R.T. 0.006 min

Lab File: BF137052.D

Acq: 12 Jan 2024 16:57

Instrument :

BNA_F

ClientSampleId :

WC-1

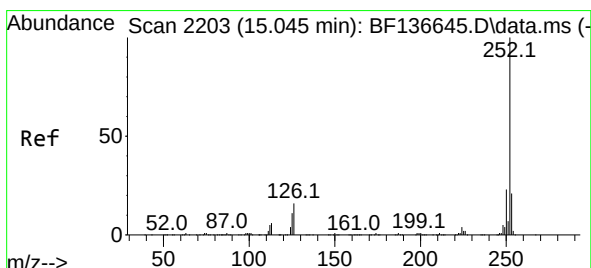
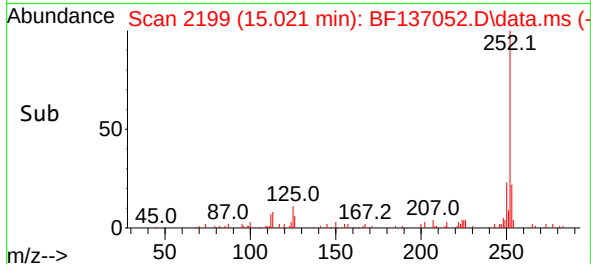
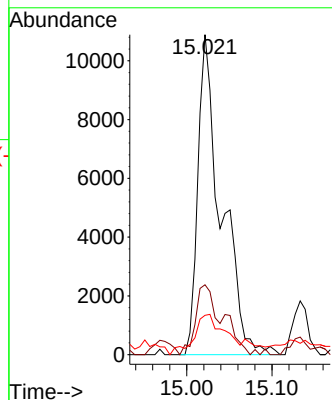
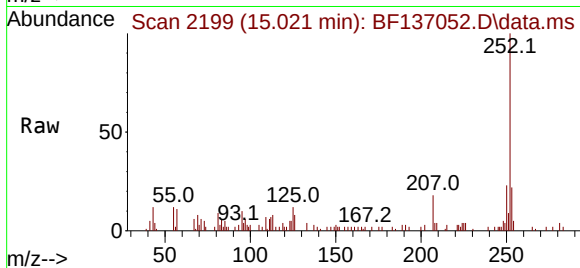
Tgt Ion:252 Resp: 20644

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

125 12.3 7.4 11.2#



#89

Benzo(k)fluoranthene

Concen: 2.285 ng

RT: 15.021 min Scan# 2199

Delta R.T. -0.023 min

Lab File: BF137052.D

Acq: 12 Jan 2024 16:57

Tgt Ion:252 Resp: 20644

Ion Ratio Lower Upper

252 100

253 21.9 17.0 25.6

125 12.3 8.2 12.4

