

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020624\
 Data File : BF137310.D
 Acq On : 07 Feb 2024 00:17
 Operator : CG\JU
 Sample : P1362-12
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-3

Quant Time: Feb 07 01:45:10 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)

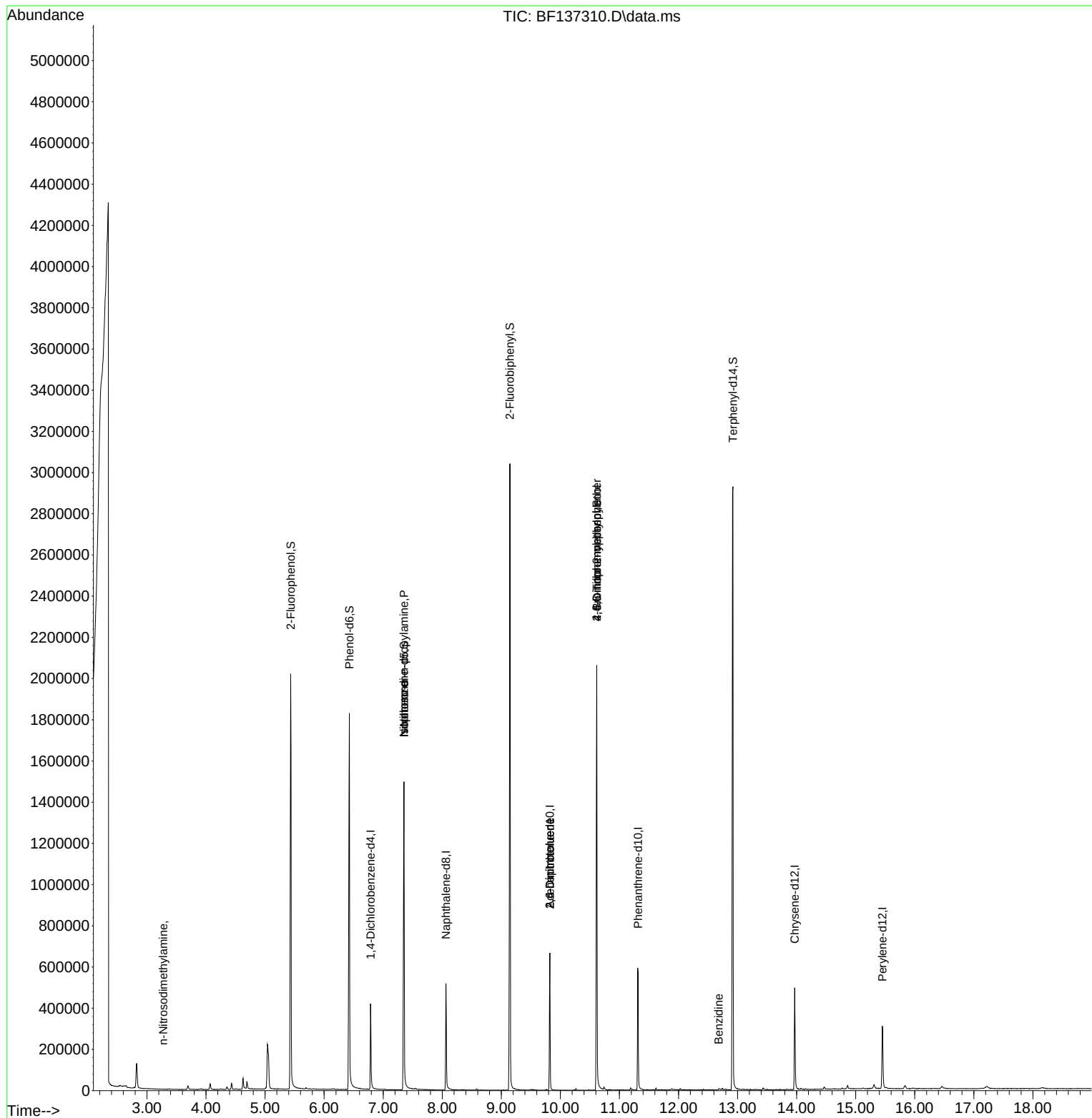
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	58184	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	224062	20.000	ng	-0.01
39) Acenaphthene-d10	9.822	164	129801	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	249709	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	175726	20.000	ng	0.00
86) Perylene-d12	15.451	264	159758	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	547229	155.193	ng	0.02
7) Phenol-d6	6.428	99	641292	127.439	ng	0.00
23) Nitrobenzene-d5	7.351	82	533609	106.625	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	241693	164.876	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	941887	99.751	ng	0.00
79) Terphenyl-d14	12.921	244	1222159	94.548	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.275	42	237	6.168	ng	# 1
19) n-Nitroso-di-n-propyla...	7.351	70	73515	21.307	ng	# 79
25) Isophorone	7.351	82	533604	57.765	ng	# 67
51) 2,6-Dinitrotoluene	9.822	165	16924	9.051	ng	# 18
57) 2,4-Dinitrotoluene	9.822	165	16924	6.975	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.616	198	578	5.842	ng	# 1
67) 4-Bromophenyl-phenylether	10.616	248	16940	6.170	ng	# 1
77) Benzidine	12.680	184	8861	2.816	ng	# 86

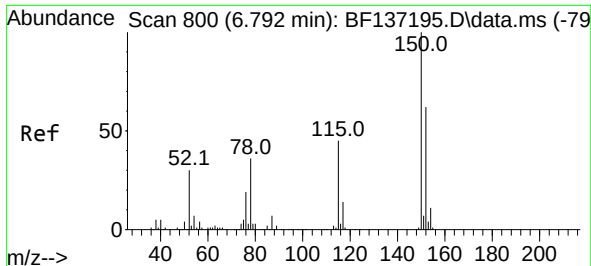
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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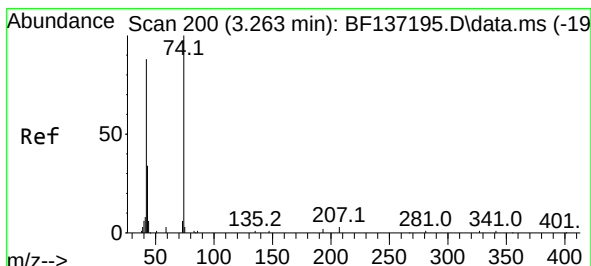
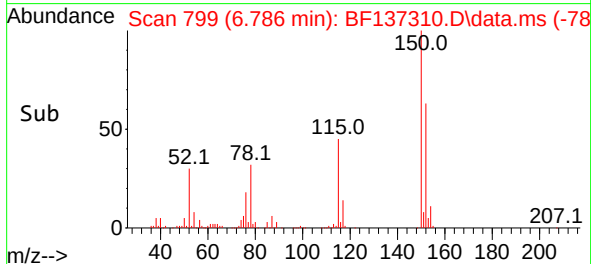
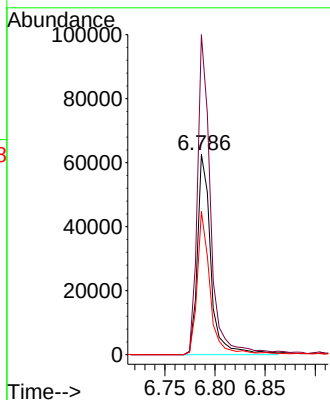
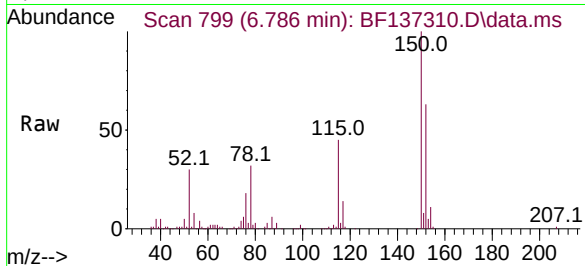




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.786 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF137310.D
Acq: 07 Feb 2024 00:17

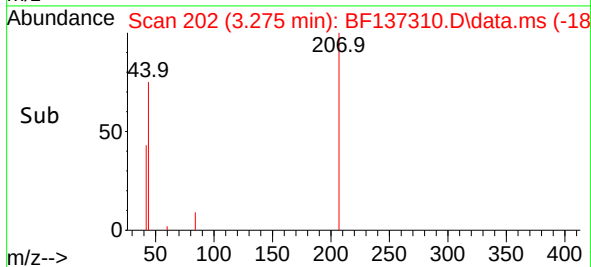
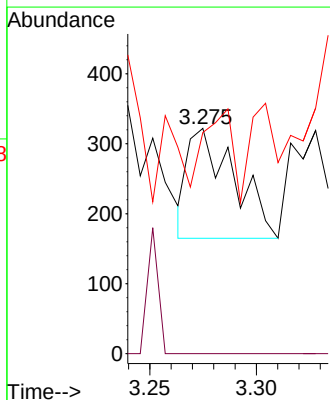
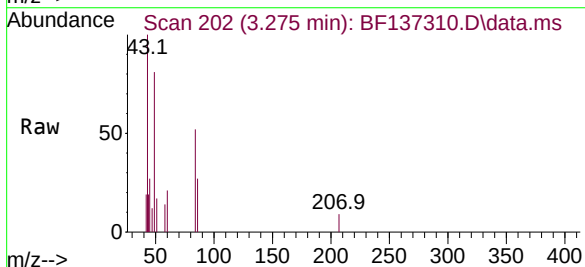
Instrument :
BNA_F
ClientSampleId :
WC-3

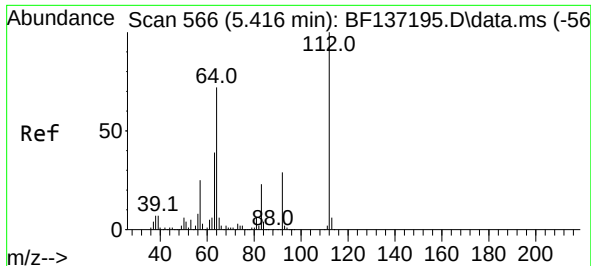
Tgt Ion:152 Resp: 58184
Ion Ratio Lower Upper
152 100
150 159.8 129.8 194.8
115 71.5 58.5 87.7



#4
n-Nitrosodimethylamine
Concen: 6.168 ng
RT: 3.275 min Scan# 202
Delta R.T. 0.012 min
Lab File: BF137310.D
Acq: 07 Feb 2024 00:17

Tgt Ion: 42 Resp: 237
Ion Ratio Lower Upper
42 100
74 0.0 90.5 135.7#
44 98.1 6.1 9.1#

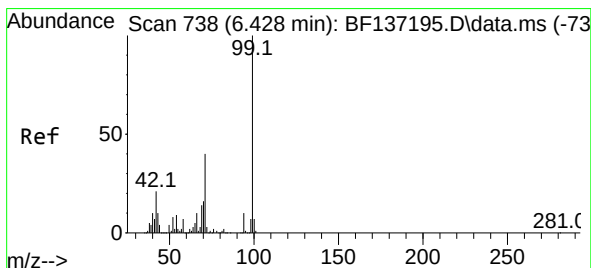
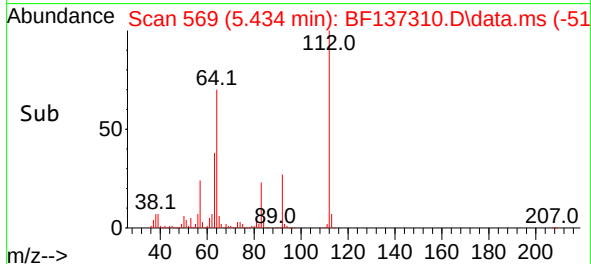
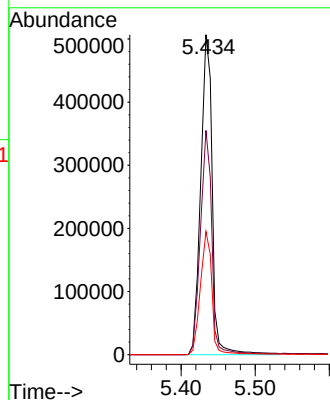
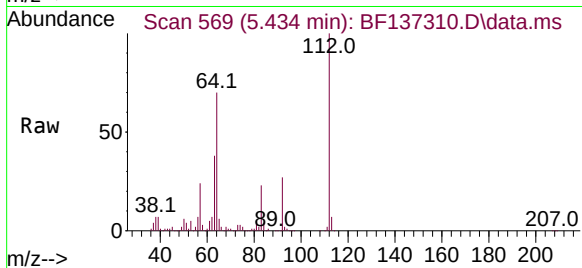




#5
2-Fluorophenol
Concen: 155.193 ng
RT: 5.434 min Scan# 566
Delta R.T. 0.018 min
Lab File: BF137310.D
Acq: 07 Feb 2024 00:17

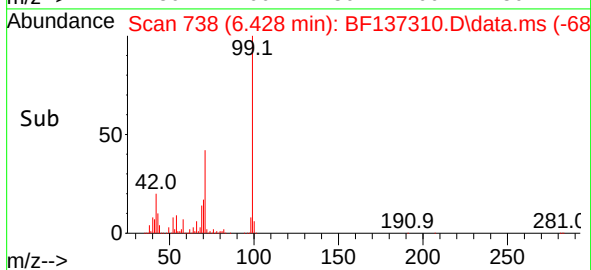
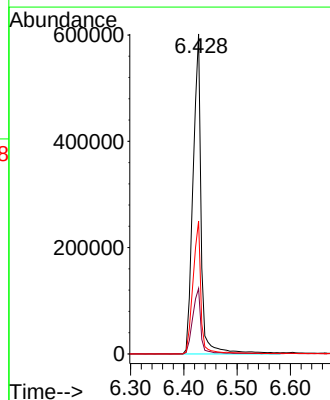
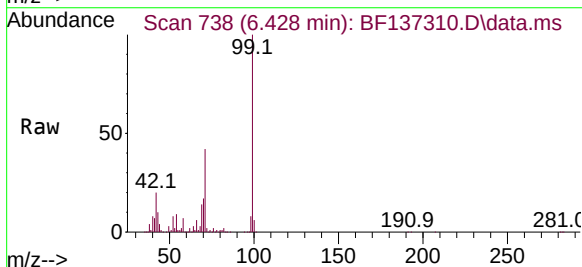
Instrument :
BNA_F
ClientSampleId :
WC-3

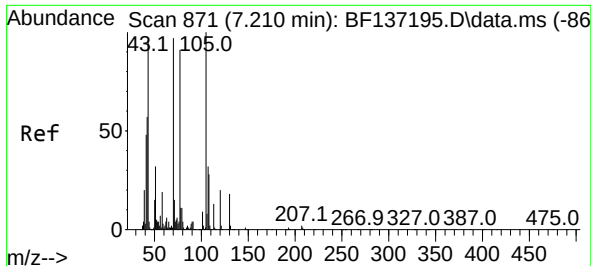
Tgt Ion:112 Resp: 547229
Ion Ratio Lower Upper
112 100
64 70.1 57.8 86.6
63 38.5 31.4 47.0



#7
Phenol-d6
Concen: 127.439 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.000 min
Lab File: BF137310.D
Acq: 07 Feb 2024 00:17

Tgt Ion: 99 Resp: 641292
Ion Ratio Lower Upper
99 100
42 20.4 16.4 24.6
71 41.5 32.4 48.6

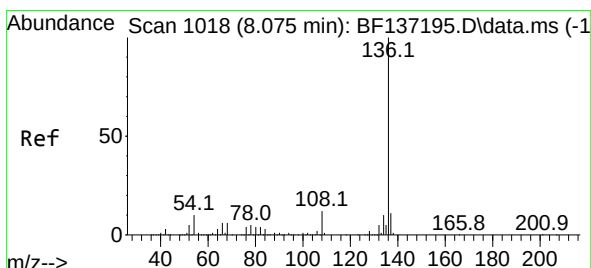
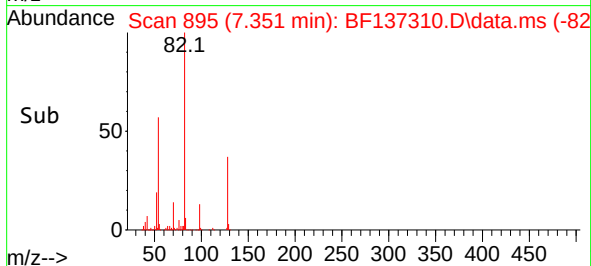
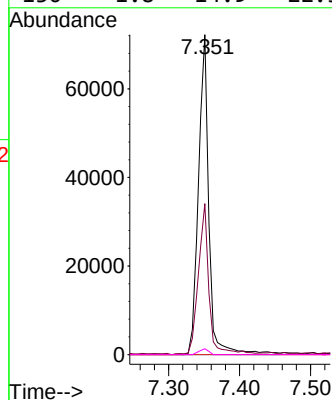
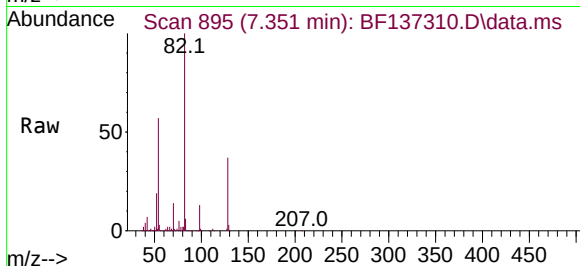




#19
n-Nitroso-di-n-propylamine
Concen: 21.307 ng
RT: 7.351 min Scan# 89
Delta R.T. 0.141 min
Lab File: BF137310.D
Acq: 07 Feb 2024 00:17

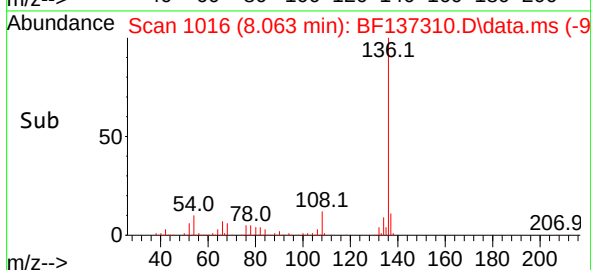
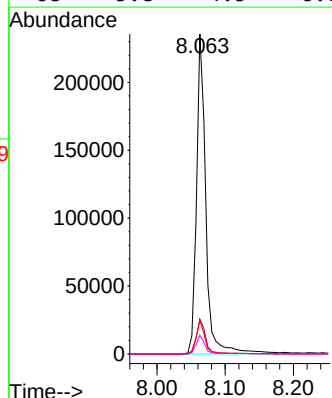
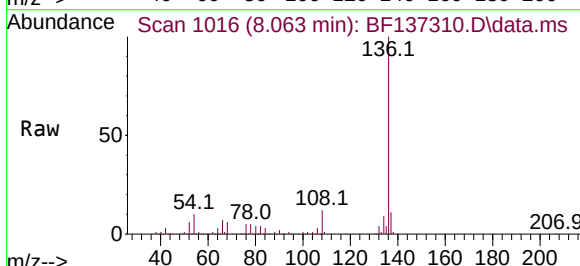
Instrument :
BNA_F
ClientSampleId :
WC-3

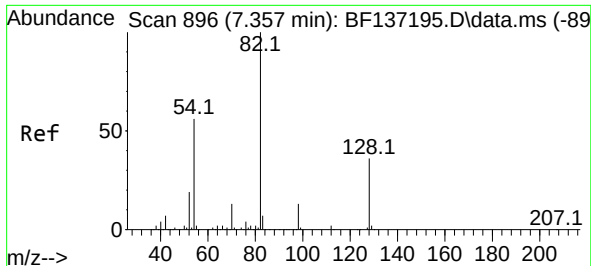
Tgt Ion:	70	Resp:	73515
Ion	Ratio	Lower	Upper
70	100		
42	47.2	47.2	70.8#
101	0.0	7.4	11.0#
130	1.8	14.9	22.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BF137310.D
Acq: 07 Feb 2024 00:17

Tgt Ion:	136	Resp:	224062
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	10.4	7.8	11.8
68	5.8	4.5	6.7

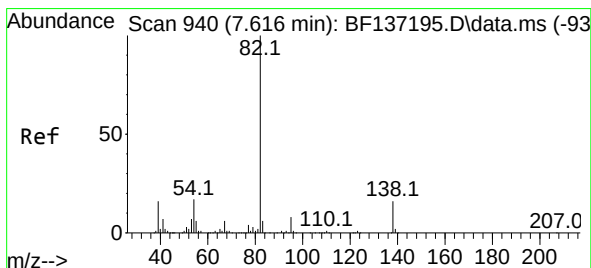
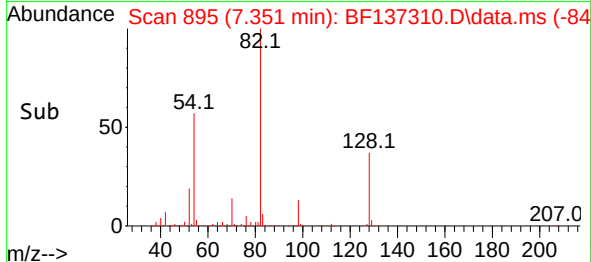
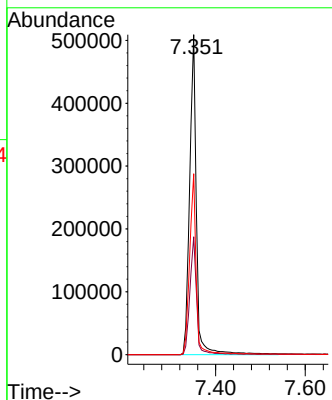
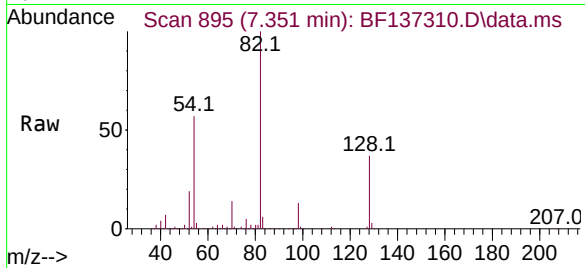




#23
Nitrobenzene-d5
Concen: 106.625 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF137310.D
Acq: 07 Feb 2024 00:17

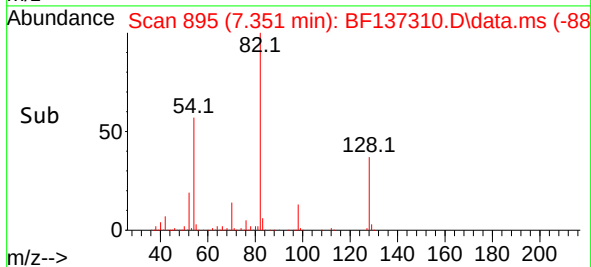
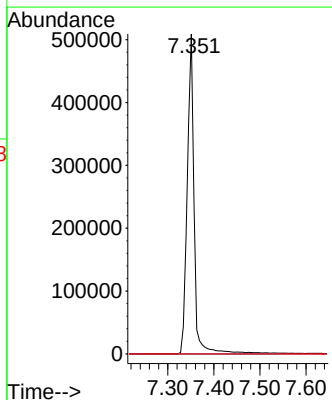
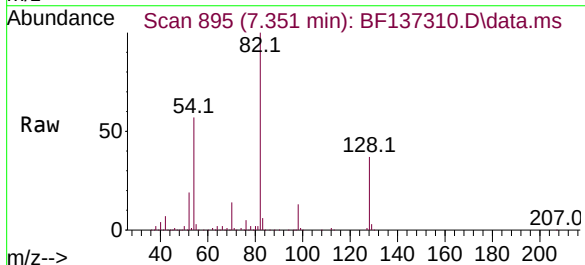
Instrument :
BNA_F
ClientSampleId :
WC-3

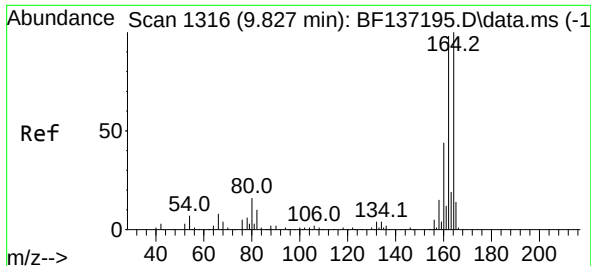
Tgt Ion: 82 Resp: 533609
Ion Ratio Lower Upper
82 100
128 36.8 29.1 43.7
54 56.5 45.0 67.6



#25
Isophorone
Concen: 57.765 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF137310.D
Acq: 07 Feb 2024 00:17

Tgt Ion: 82 Resp: 533604
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 12.7 19.1#

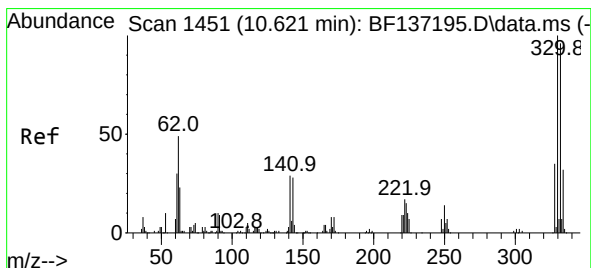
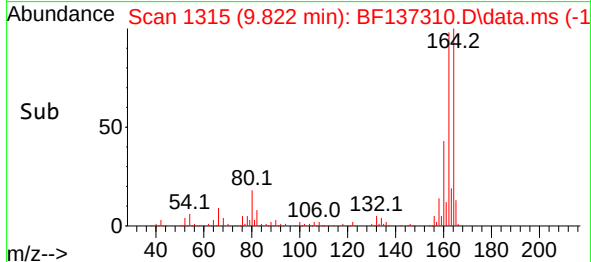
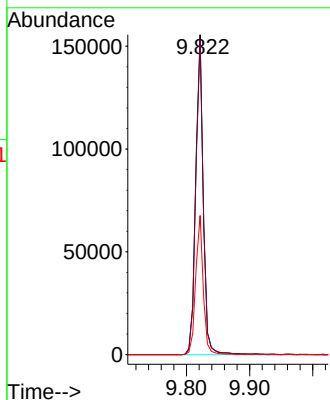
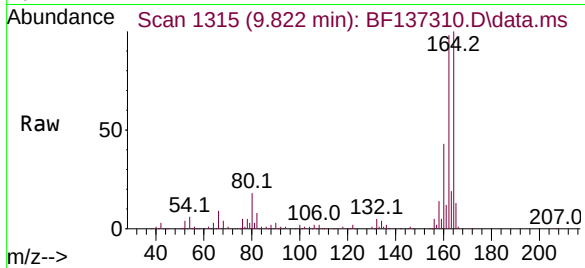




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1316
Delta R.T. -0.005 min
Lab File: BF137310.D
Acq: 07 Feb 2024 00:17

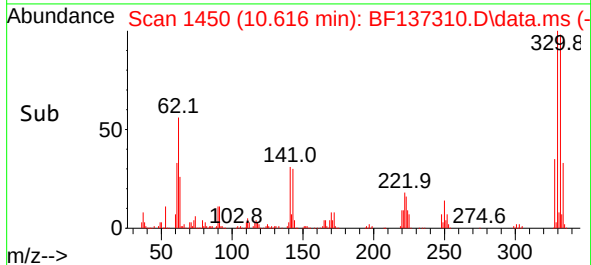
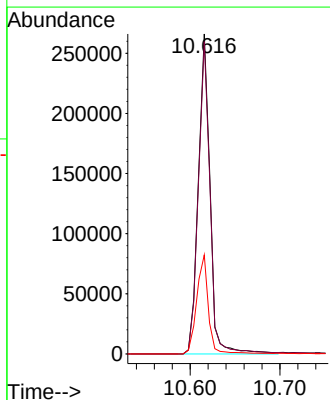
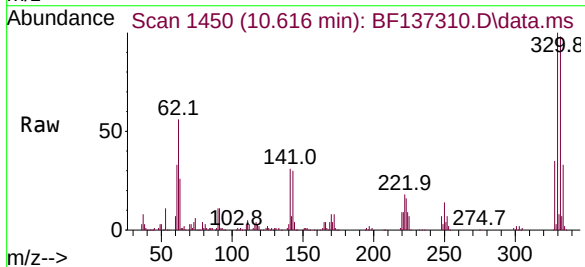
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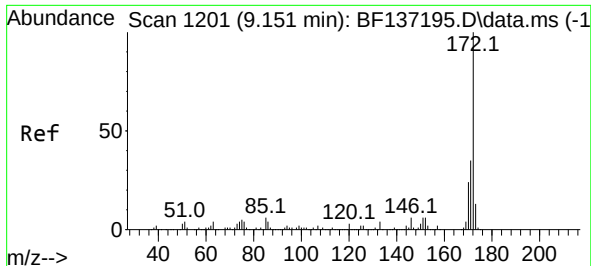
Tgt Ion:164 Resp: 129801
Ion Ratio Lower Upper
164 100
162 98.4 78.3 117.5
160 43.5 35.4 53.2



#42
2,4,6-Tribromophenol
Concen: 164.876 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF137310.D
Acq: 07 Feb 2024 00:17

Tgt Ion:330 Resp: 241693
Ion Ratio Lower Upper
330 100
332 97.5 77.3 115.9
141 30.9 25.2 37.8

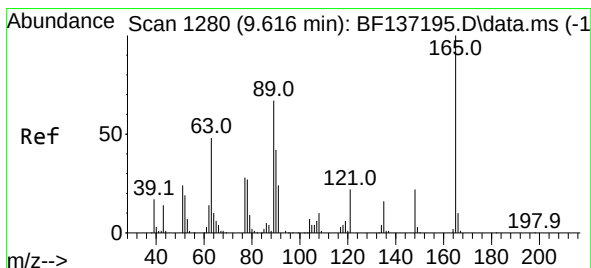
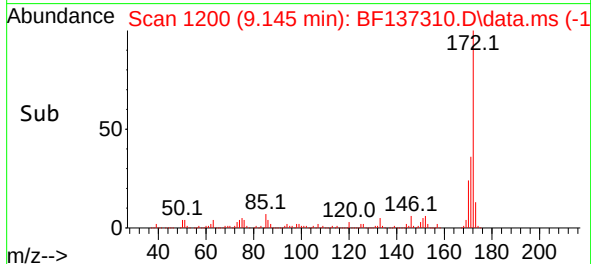
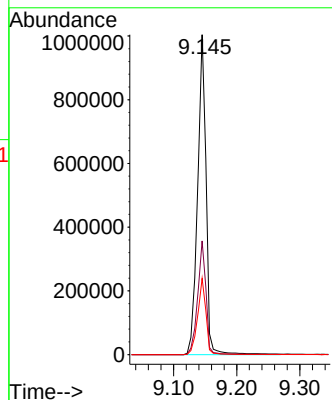
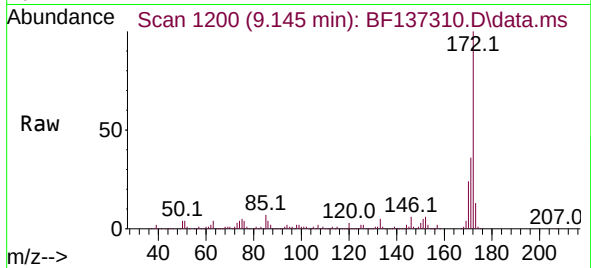




#45
2-Fluorobiphenyl
Concen: 99.751 ng
RT: 9.145 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF137310.D
Acq: 07 Feb 2024 00:17

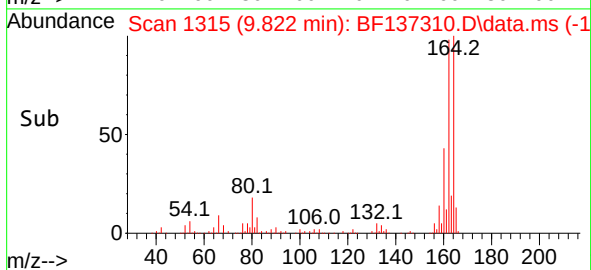
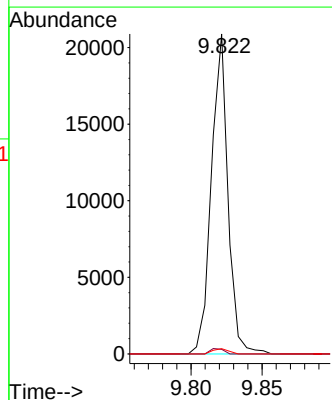
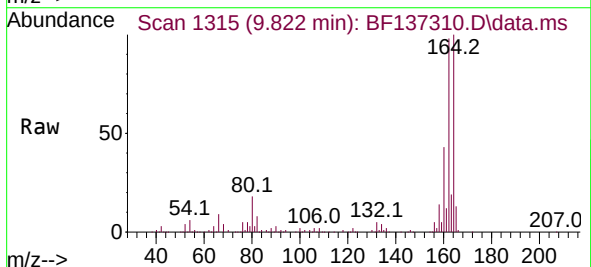
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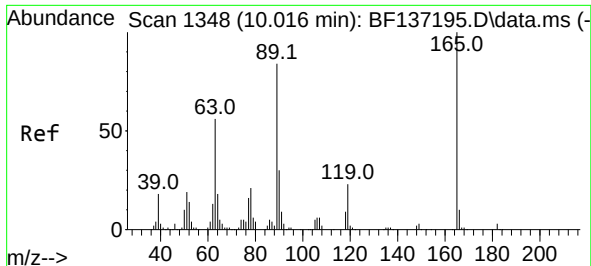
Tgt Ion:172 Resp: 941887
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 23.8 19.1 28.7



#51
2,6-Dinitrotoluene
Concen: 9.051 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.206 min
Lab File: BF137310.D
Acq: 07 Feb 2024 00:17

Tgt Ion:165 Resp: 16924
Ion Ratio Lower Upper
165 100
63 1.4 55.1 82.7#
89 1.6 53.5 80.3#

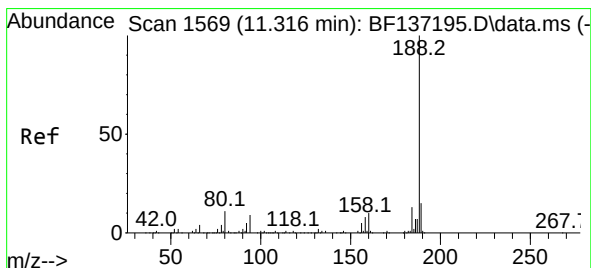
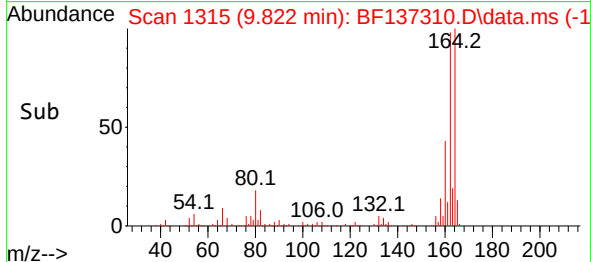
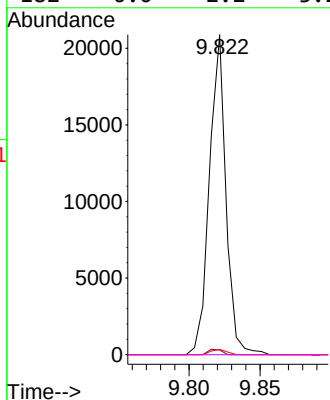
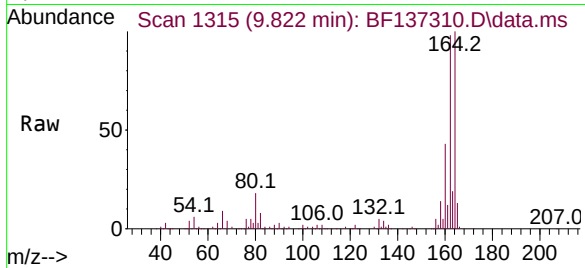




#57
2,4-Dinitrotoluene
Concen: 6.975 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.194 min
Lab File: BF137310.D
Acq: 07 Feb 2024 00:17

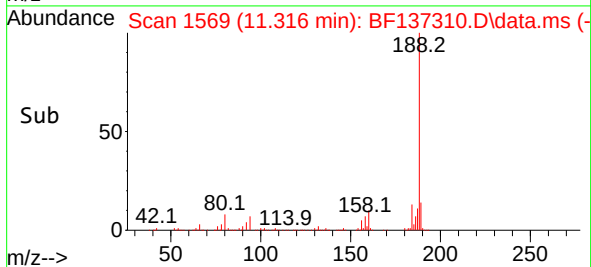
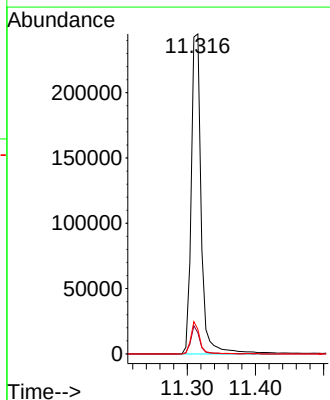
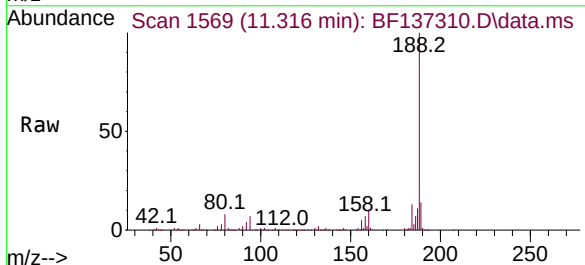
Instrument :
BNA_F
ClientSampleId :
WC-3

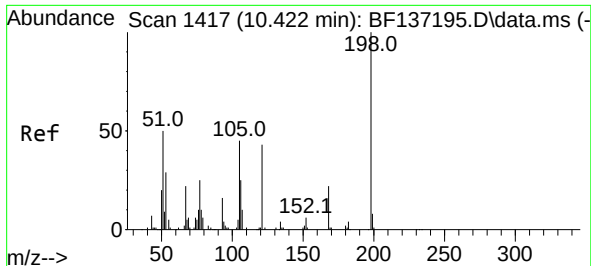
Tgt Ion:165 Resp: 16924
Ion Ratio Lower Upper
165 100
63 1.4 46.1 69.1#
89 1.6 67.5 101.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BF137310.D
Acq: 07 Feb 2024 00:17

Tgt Ion:188 Resp: 249709
Ion Ratio Lower Upper
188 100
94 6.6 7.0 10.4#
80 7.7 8.8 13.2#





#65

4,6-Dinitro-2-methylphenol

Concen: 5.842 ng

RT: 10.616 min Scan# 1417

Delta R.T. 0.194 min

Lab File: BF137310.D

Acq: 07 Feb 2024 00:17

Instrument :

BNA_F

ClientSampleId :

WC-3

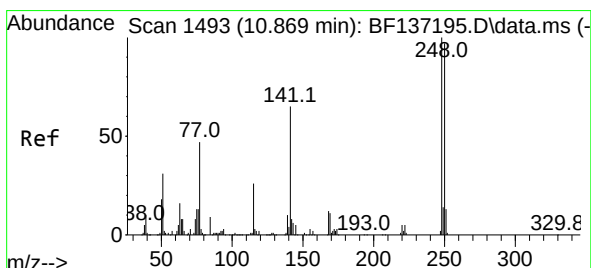
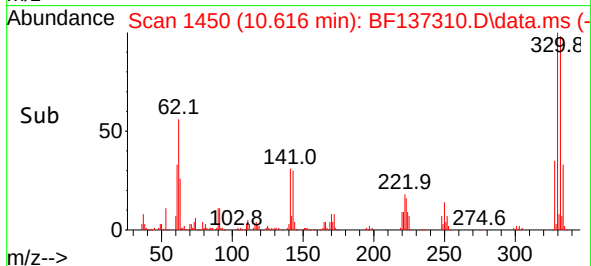
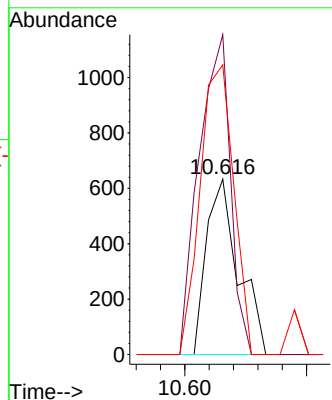
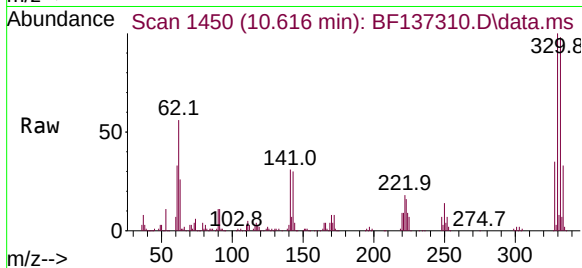
Tgt Ion:198 Resp: 578

Ion Ratio Lower Upper

198 100

51 182.5 40.9 80.9#

105 165.2 26.5 66.5#



#67

4-Bromophenyl-phenylether

Concen: 6.170 ng

RT: 10.616 min Scan# 1450

Delta R.T. -0.253 min

Lab File: BF137310.D

Acq: 07 Feb 2024 00:17

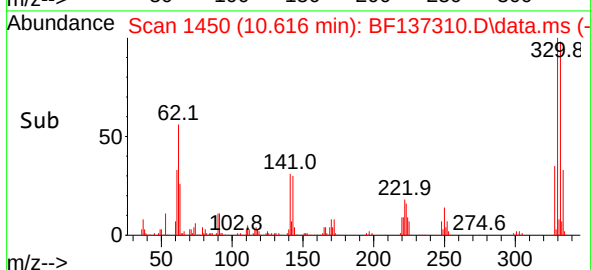
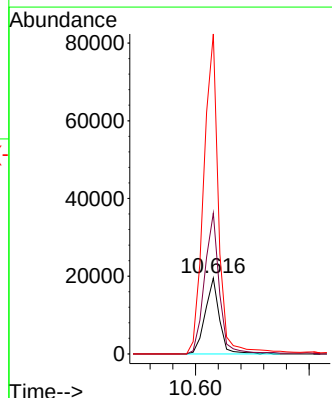
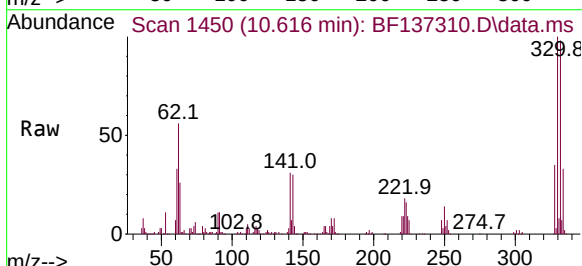
Tgt Ion:248 Resp: 16940

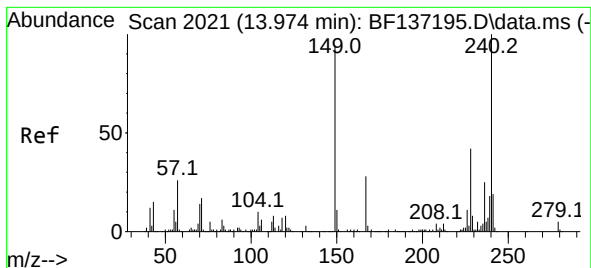
Ion Ratio Lower Upper

248 100

250 186.0 77.7 116.5#

141 422.6 51.6 77.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF137310.D

Acq: 07 Feb 2024 00:17

Instrument :

BNA_F

ClientSampleId :

WC-3

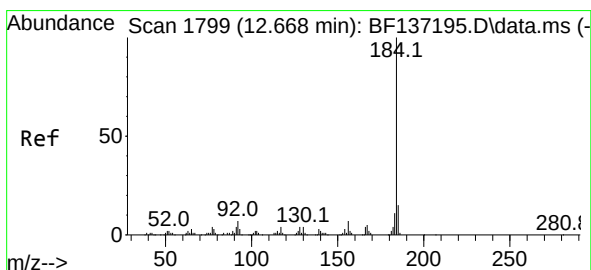
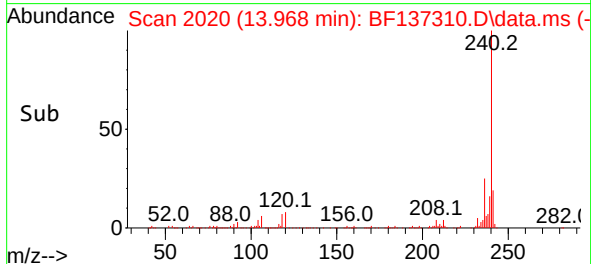
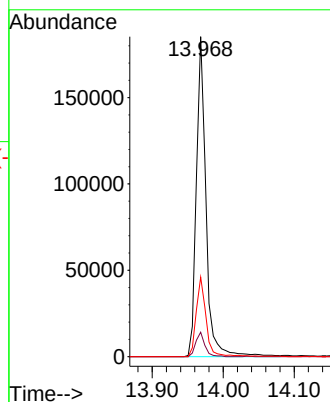
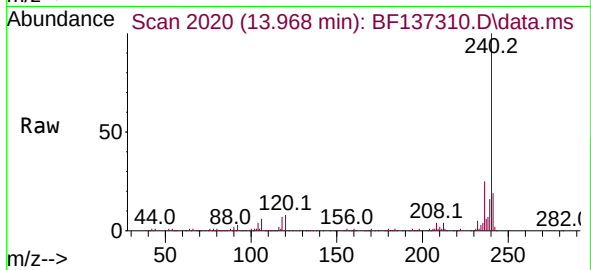
Tgt Ion:240 Resp: 175726

Ion Ratio Lower Upper

240 100

120 7.6 6.3 9.5

236 24.8 20.3 30.5



#77

Benidine

Concen: 2.816 ng

RT: 12.680 min Scan# 1801

Delta R.T. 0.012 min

Lab File: BF137310.D

Acq: 07 Feb 2024 00:17

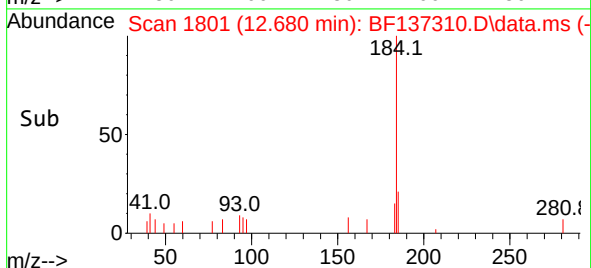
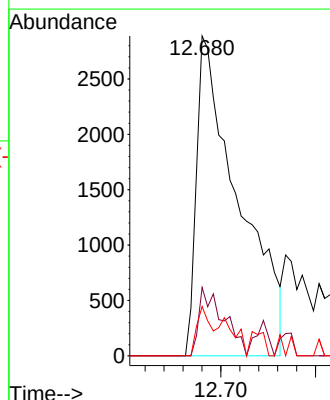
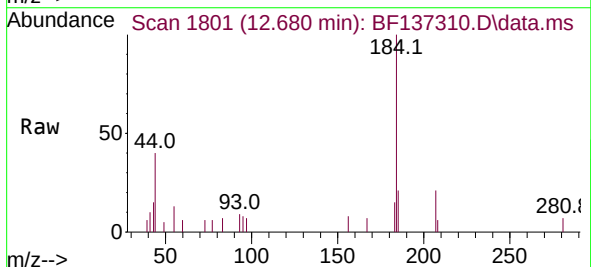
Tgt Ion:184 Resp: 8861

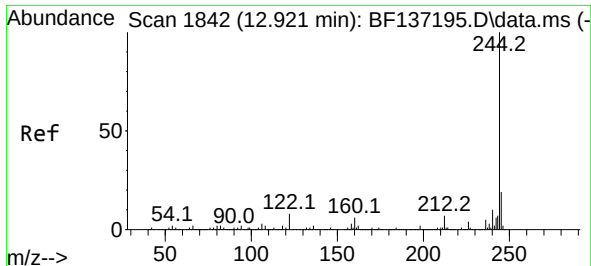
Ion Ratio Lower Upper

184 100

185 21.4 11.9 17.9#

183 15.4 8.8 13.2#

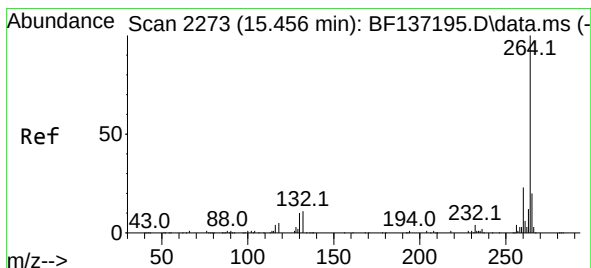
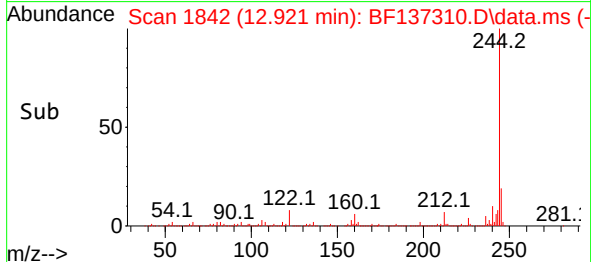
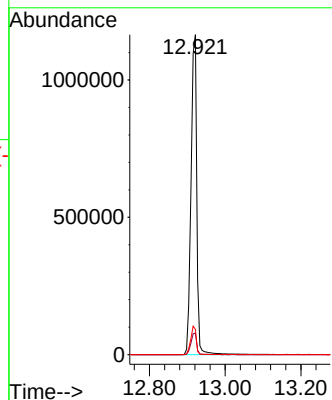
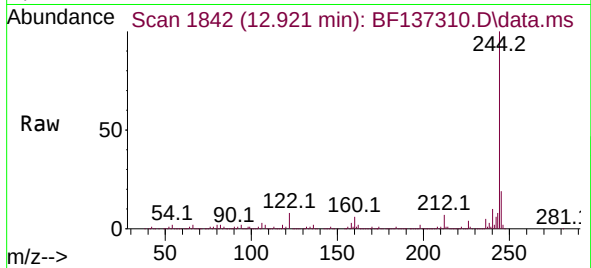




#79
 Terphenyl-d14
 Concen: 94.548 ng
 RT: 12.921 min Scan# 1842
 Delta R.T. -0.000 min
 Lab File: BF137310.D
 Acq: 07 Feb 2024 00:17

Instrument :
 BNA_F
 ClientSampleId :
 WC-3

Tgt Ion:244 Resp: 1222159
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.5 8.3
 122 7.9 6.2 9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 2272
 Delta R.T. -0.006 min
 Lab File: BF137310.D
 Acq: 07 Feb 2024 00:17

Tgt Ion:264 Resp: 159758
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.2 27.4
 265 21.4 16.2 24.2

