

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020524\
 Data File : BF137283.D
 Acq On : 05 Feb 2024 18:50
 Operator : CG\JU
 Sample : P1362-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 06 01:16:39 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)

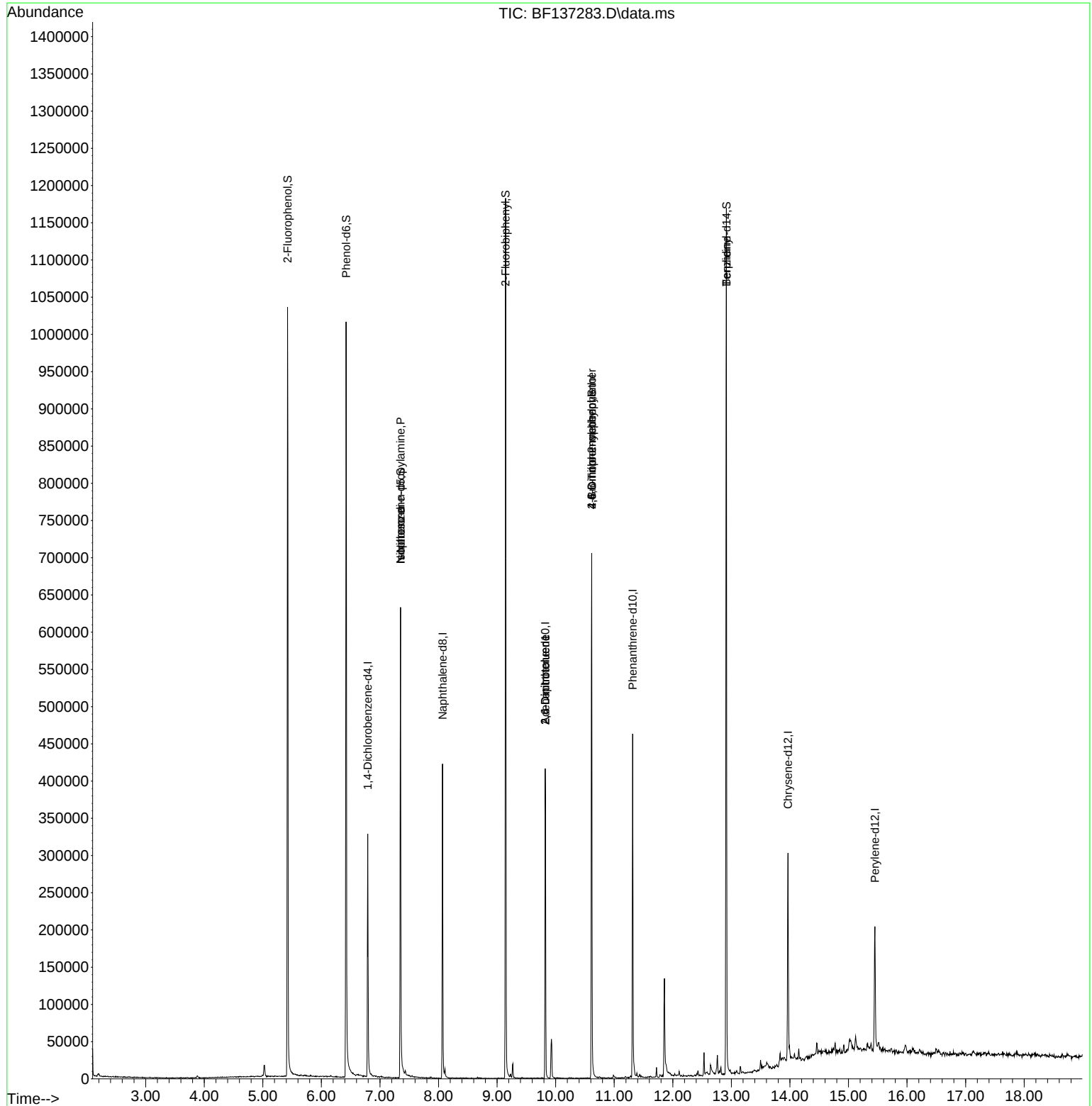
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	45625	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	161554	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	85609	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	161868	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	98475	20.000	ng	0.00
86) Perylene-d12	15.451	264	80629	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	258476	93.481	ng	0.00
7) Phenol-d6	6.422	99	338041	85.668	ng	0.00
23) Nitrobenzene-d5	7.351	82	203421	56.374	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	81667	84.469	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	327754	52.629	ng	0.00
79) Terphenyl-d14	12.915	244	408701	56.421	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.351	70	26918	9.949	ng	# 74
25) Isophorone	7.351	82	203419	30.542	ng	# 67
51) 2,6-Dinitrotoluene	9.822	165	10628	8.618	ng	# 17
57) 2,4-Dinitrotoluene	9.822	165	10628	6.642	ng	# 16
65) 4,6-Dinitro-2-methylph...	10.616	198	217	5.679	ng	# 31
67) 4-Bromophenyl-phenylether	10.616	248	5359	3.011	ng	# 1
77) Benzidine	12.915	184	5109	2.897	ng	96

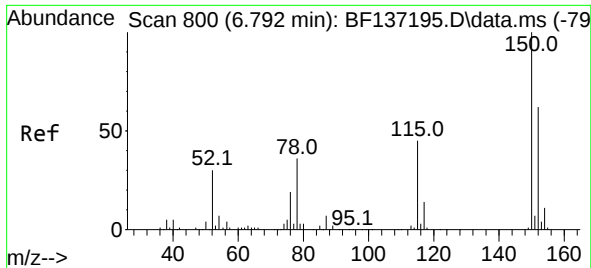
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020524\
Data File : BF137283.D
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

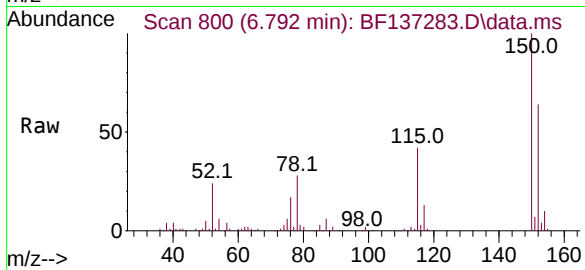
Quant Time: Feb 06 01:16:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 31 04:56:22 2024
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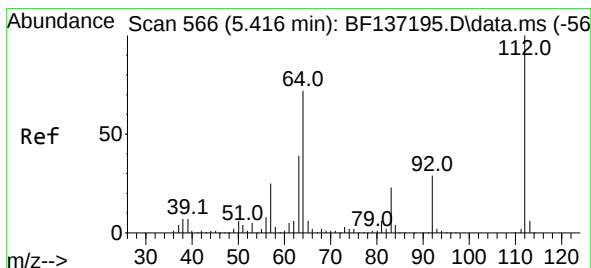
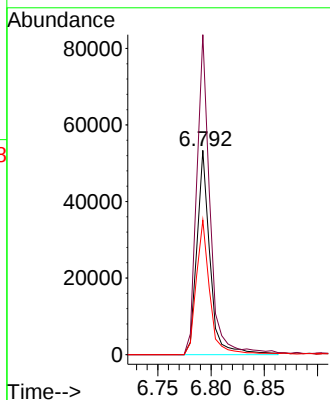
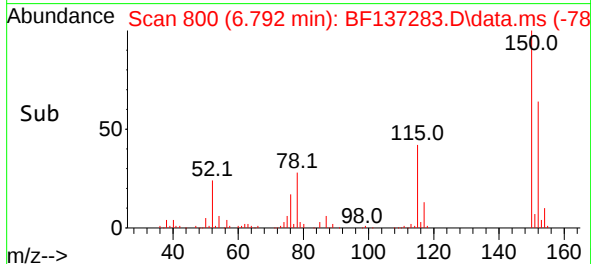


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF137283.D
Acq: 05 Feb 2024 18:50

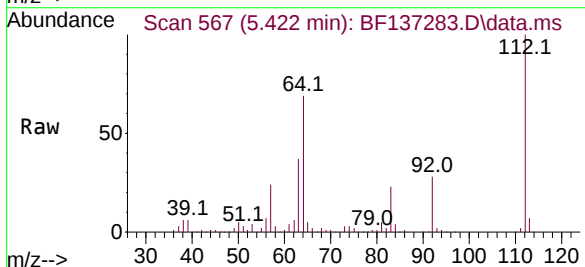
Instrument :
BNA_F
ClientSampleId :



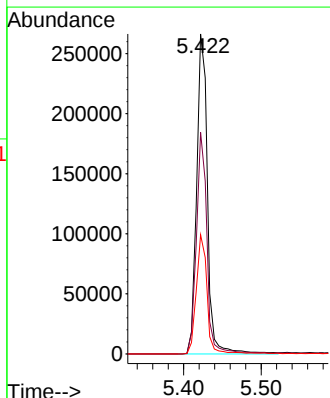
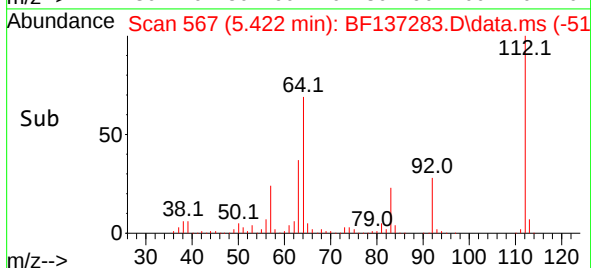
Tgt Ion:152 Resp: 45625
Ion Ratio Lower Upper
152 100
150 156.7 129.8 194.8
115 65.9 58.5 87.7

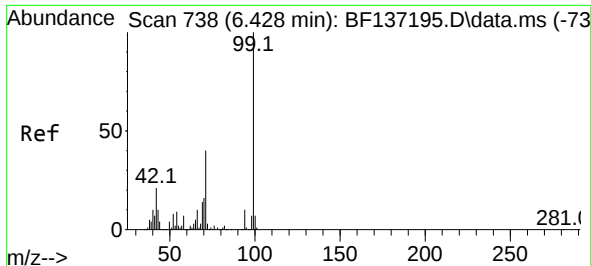


#5
2-Fluorophenol
Concen: 93.481 ng
RT: 5.422 min Scan# 567
Delta R.T. 0.006 min
Lab File: BF137283.D
Acq: 05 Feb 2024 18:50



Tgt Ion:112 Resp: 258476
Ion Ratio Lower Upper
112 100
64 69.2 57.8 86.6
63 37.2 31.4 47.0

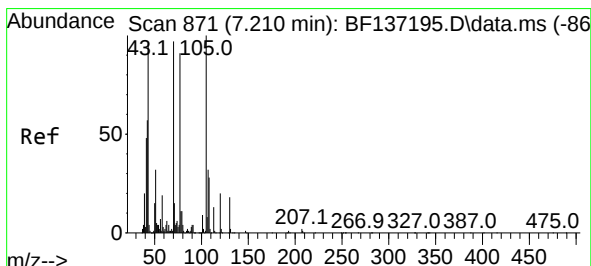
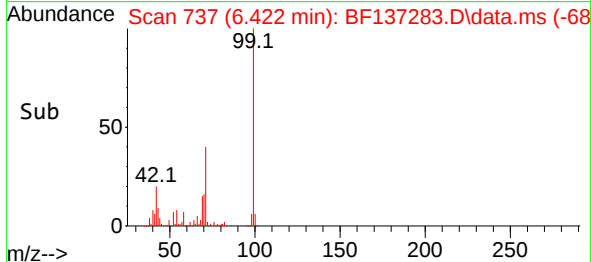
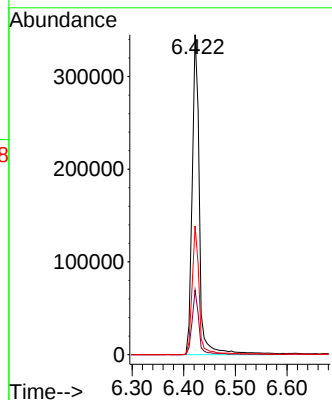
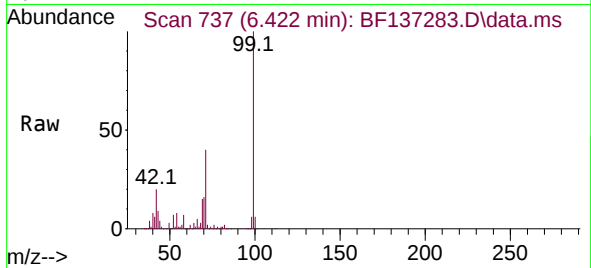




#7
Phenol-d6
Concen: 85.668 ng
RT: 6.422 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF137283.D
Acq: 05 Feb 2024 18:50

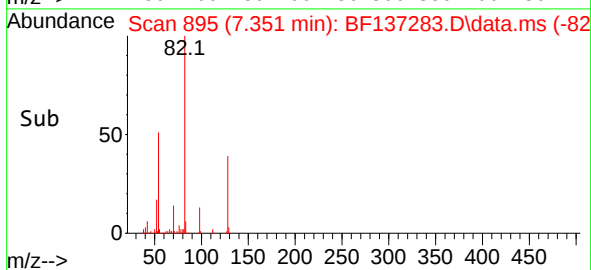
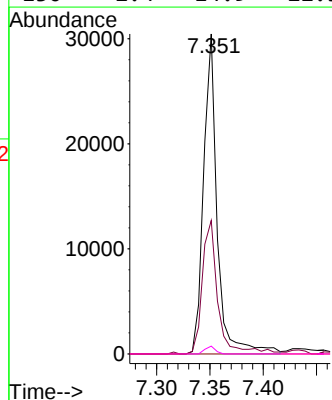
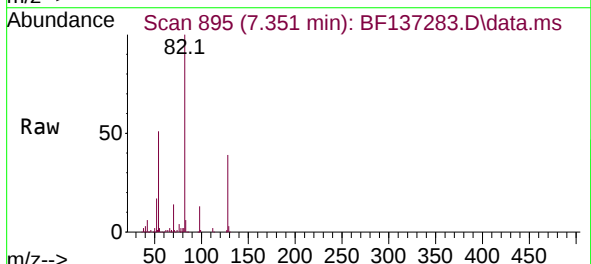
Instrument :
BNA_F
ClientSampleId :

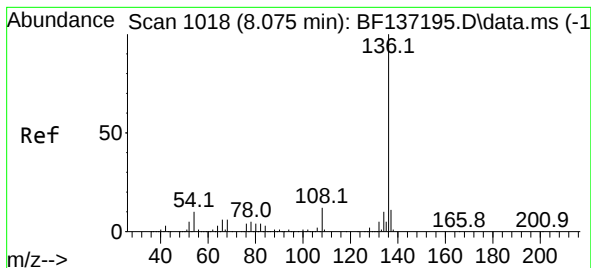
Tgt Ion: 99 Resp: 338041
Ion Ratio Lower Upper
99 100
42 20.2 16.4 24.6
71 40.2 32.4 48.6



#19
n-Nitroso-di-n-propylamine
Concen: 9.949 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF137283.D
Acq: 05 Feb 2024 18:50

Tgt Ion: 70 Resp: 26918
Ion Ratio Lower Upper
70 100
42 41.7 47.2 70.8#
101 0.0 7.4 11.0#
130 2.4 14.9 22.3#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.069 min Scan# 10

Delta R.T. -0.006 min

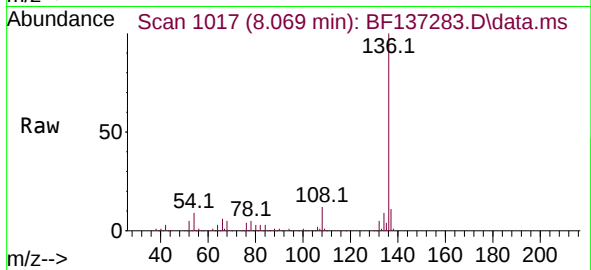
Lab File: BF137283.D

Acq: 05 Feb 2024 18:50

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:136 Resp: 161554

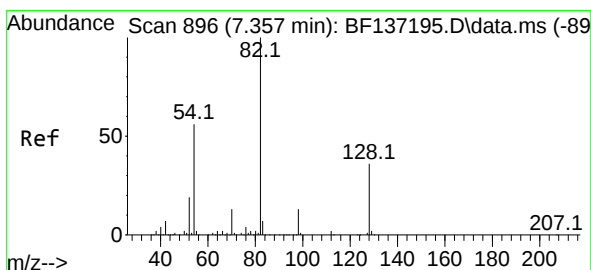
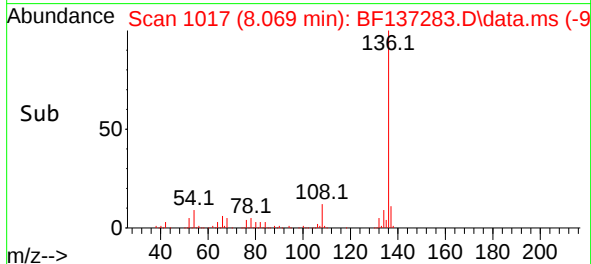
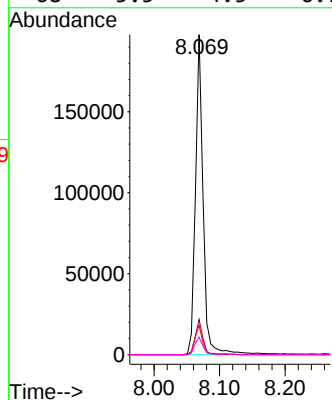
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 9.1 7.8 11.8

68 5.5 4.5 6.7



#23

Nitrobenzene-d5

Concen: 56.374 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF137283.D

Acq: 05 Feb 2024 18:50

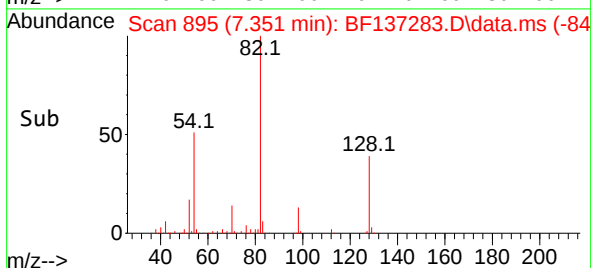
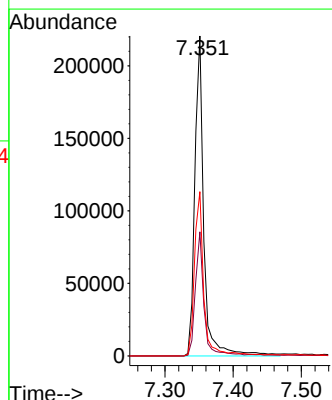
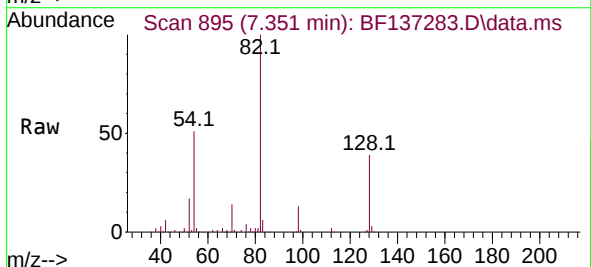
Tgt Ion: 82 Resp: 203421

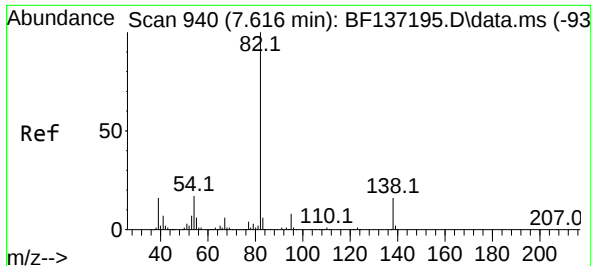
Ion Ratio Lower Upper

82 100

128 38.8 29.1 43.7

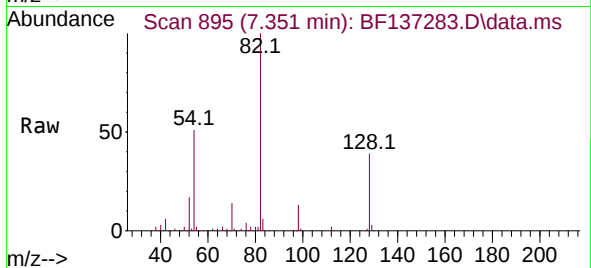
54 51.3 45.0 67.6



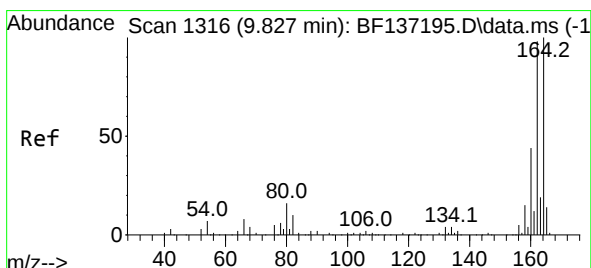
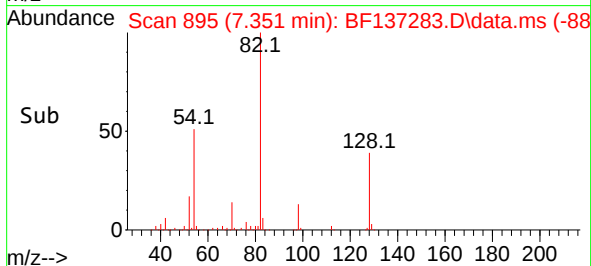
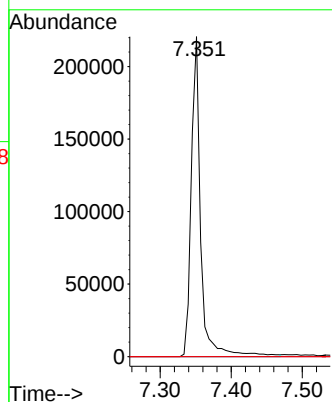


#25
Isophorone
Concen: 30.542 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF137283.D
Acq: 05 Feb 2024 18:50

Instrument :
BNA_F
ClientSampleId :

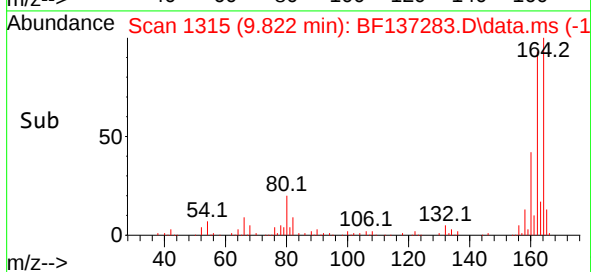
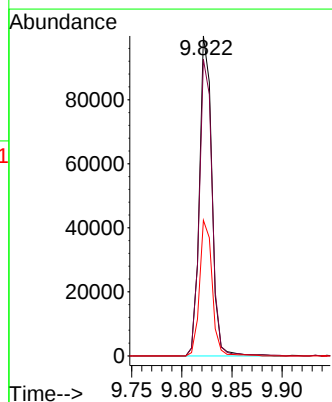
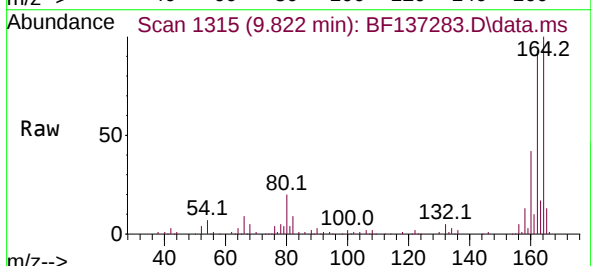


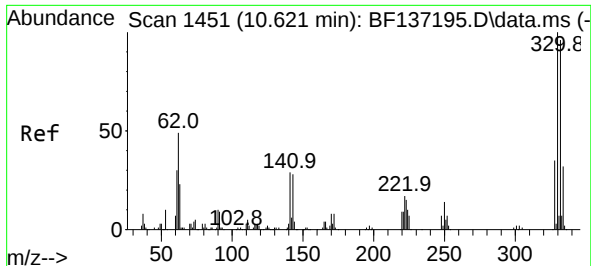
Tgt Ion: 82 Resp: 203419
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 12.7 19.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.005 min
Lab File: BF137283.D
Acq: 05 Feb 2024 18:50

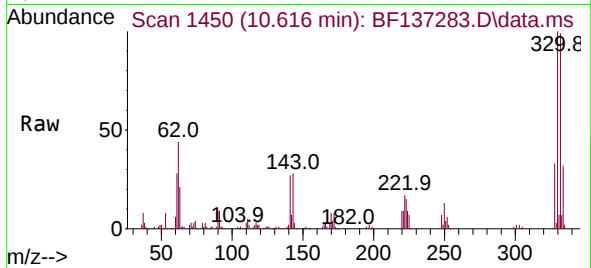
Tgt Ion: 164 Resp: 85609
Ion Ratio Lower Upper
164 100
162 92.7 78.3 117.5
160 42.4 35.4 53.2



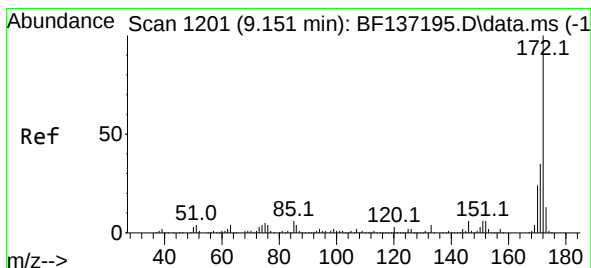
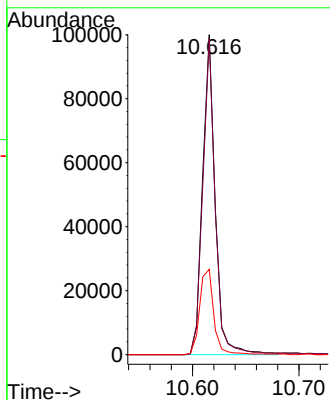
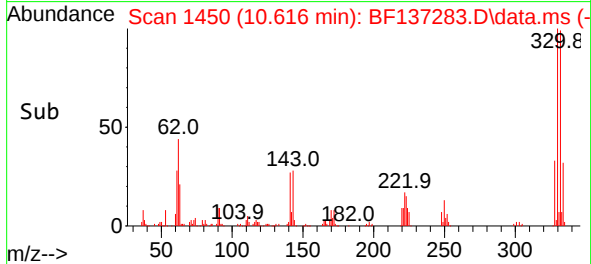


#42
2,4,6-Tribromophenol
Concen: 84.469 ng
RT: 10.616 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF137283.D
Acq: 05 Feb 2024 18:50

Instrument :
BNA_F
ClientSampleId :

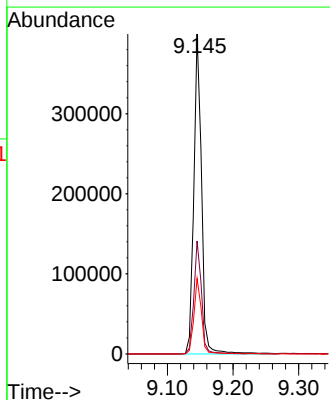
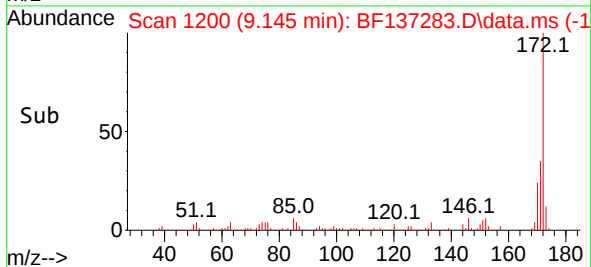
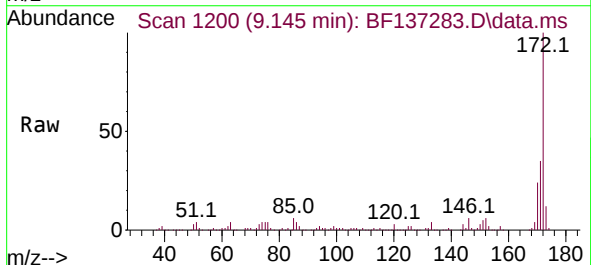


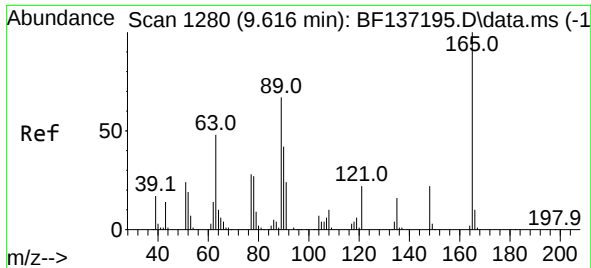
Tgt Ion: 330 Resp: 81667
Ion Ratio Lower Upper
330 100
332 97.9 77.3 115.9
141 30.2 25.2 37.8



#45
2-Fluorobiphenyl
Concen: 52.629 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF137283.D
Acq: 05 Feb 2024 18:50

Tgt Ion: 172 Resp: 327754
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.6 19.1 28.7

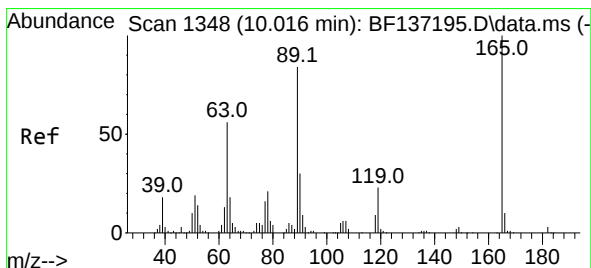
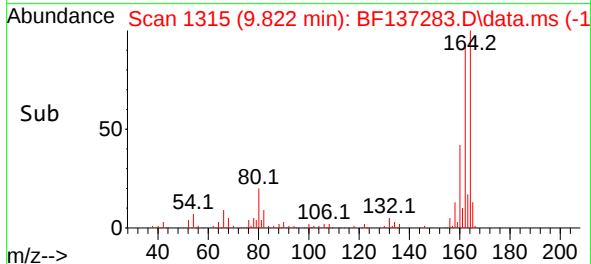
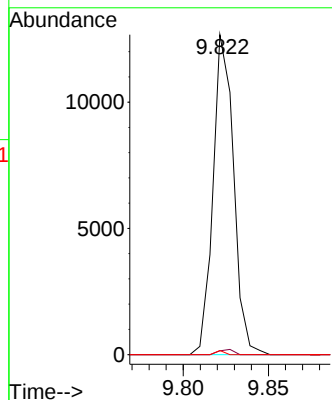
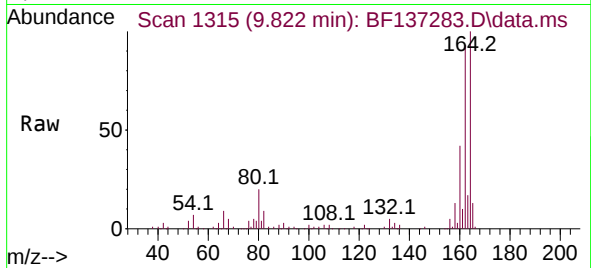




#51
2,6-Dinitrotoluene
Concen: 8.618 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.206 min
Lab File: BF137283.D
Acq: 05 Feb 2024 18:50

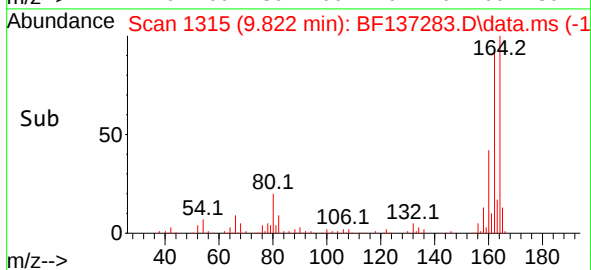
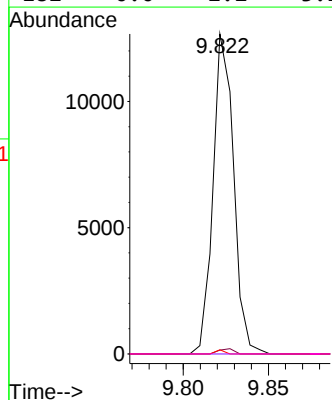
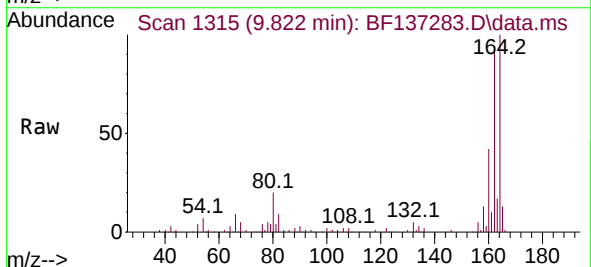
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BNA_F
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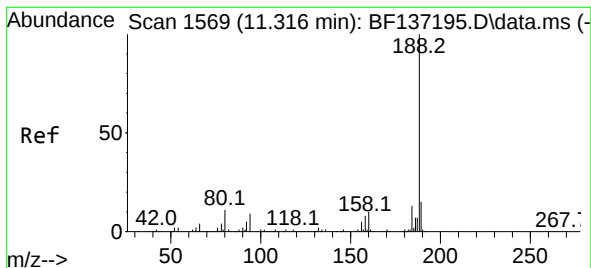
Tgt Ion:165 Resp: 10628
Ion Ratio Lower Upper
165 100
63 1.2 55.1 82.7#
89 1.3 53.5 80.3#



#57
2,4-Dinitrotoluene
Concen: 6.642 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.194 min
Lab File: BF137283.D
Acq: 05 Feb 2024 18:50

Tgt Ion:165 Resp: 10628
Ion Ratio Lower Upper
165 100
63 1.2 46.1 69.1#
89 1.3 67.5 101.3#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF137283.D

Acq: 05 Feb 2024 18:50

Instrument :

BNA_F

ClientSampleId :

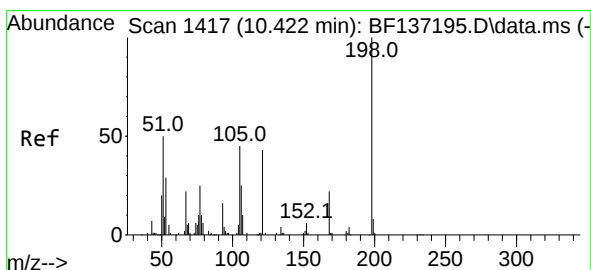
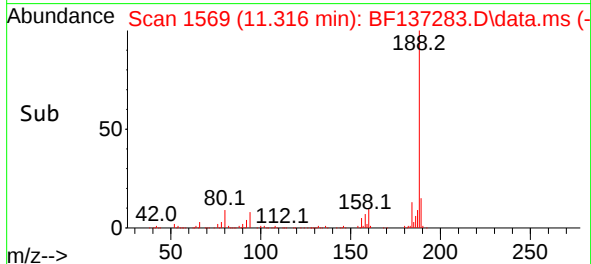
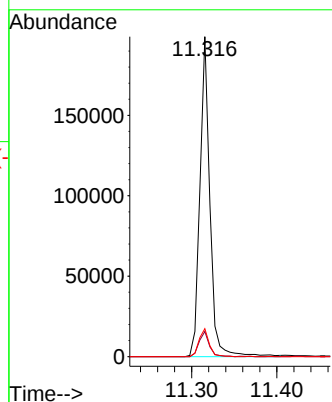
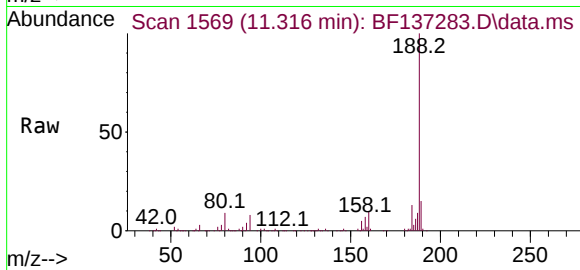
Tgt Ion:188 Resp: 161868

Ion Ratio Lower Upper

188 100

94 7.8 7.0 10.4

80 8.7 8.8 13.2#



#65

4,6-Dinitro-2-methylphenol

Concen: 5.679 ng

RT: 10.616 min Scan# 1450

Delta R.T. 0.194 min

Lab File: BF137283.D

Acq: 05 Feb 2024 18:50

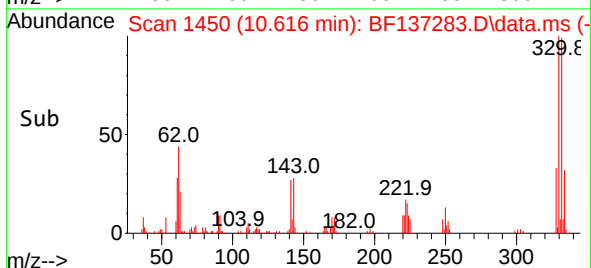
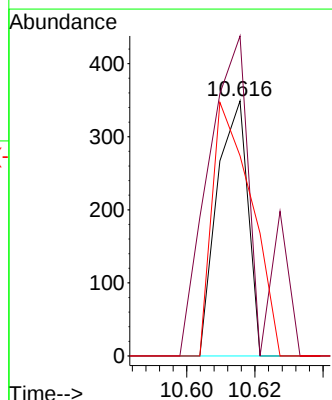
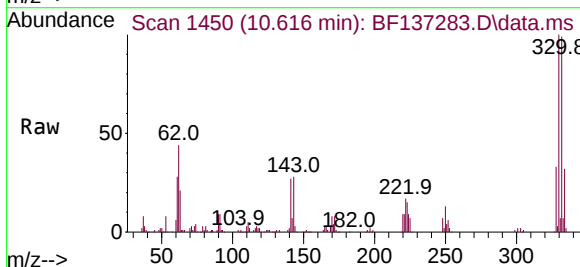
Tgt Ion:198 Resp: 217

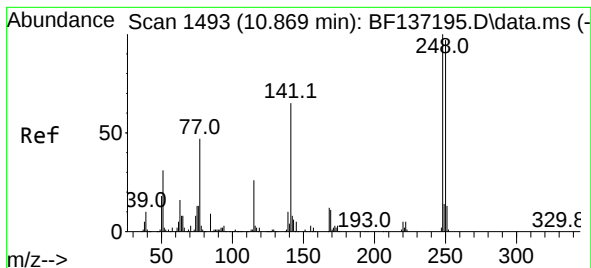
Ion Ratio Lower Upper

198 100

51 125.5 40.9 80.9#

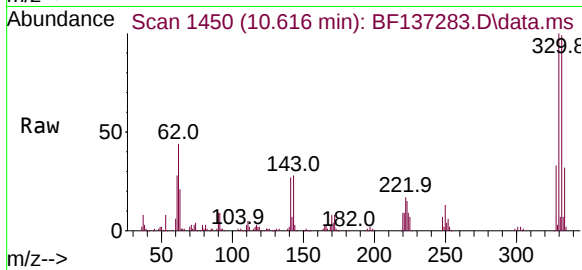
105 78.5 26.5 66.5#



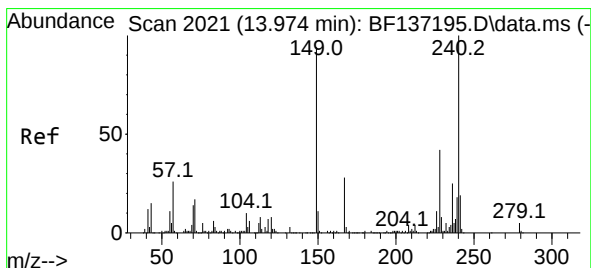
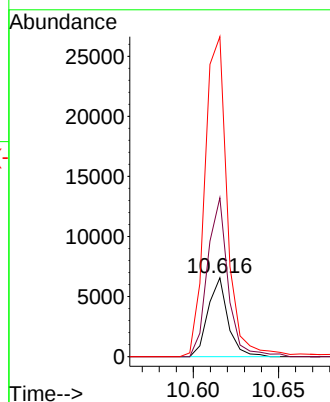
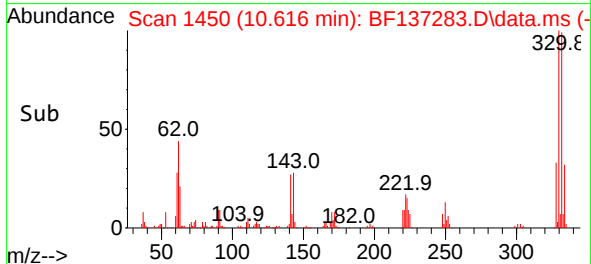


#67
4-Bromophenyl-phenylether
Concen: 3.011 ng
RT: 10.616 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF137283.D
Acq: 05 Feb 2024 18:50

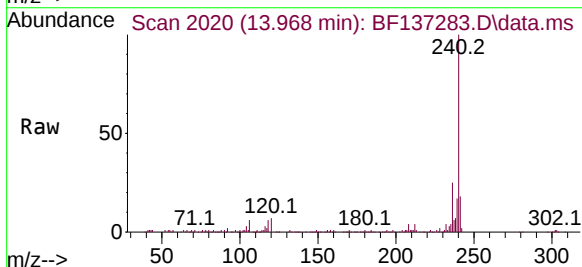
Instrument :
BNA_F
ClientSampleId :



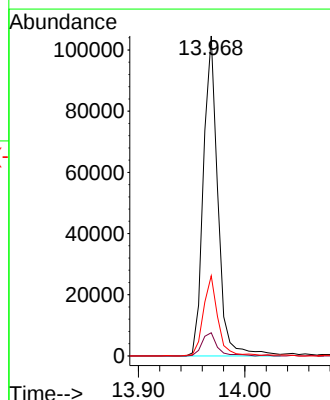
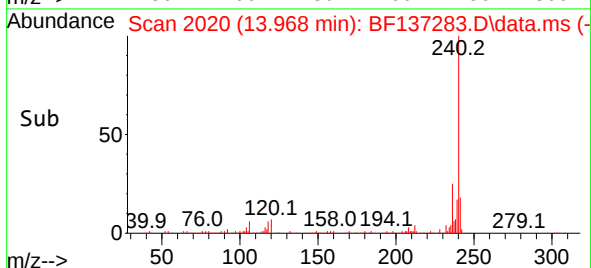
Tgt Ion:248 Resp: 5359
Ion Ratio Lower Upper
248 100
250 201.6 77.7 116.5#
141 406.3 51.6 77.4#

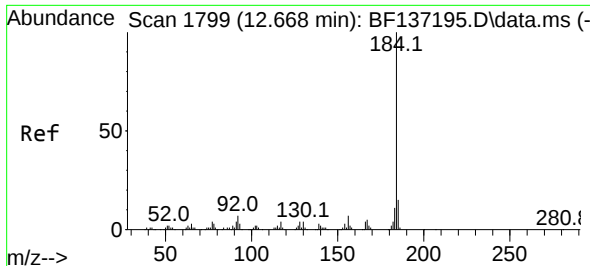


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF137283.D
Acq: 05 Feb 2024 18:50



Tgt Ion:240 Resp: 98475
Ion Ratio Lower Upper
240 100
120 7.2 6.3 9.5
236 25.0 20.3 30.5

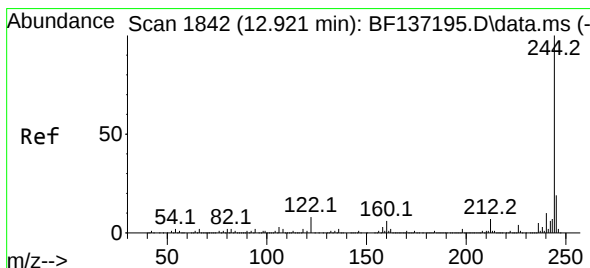
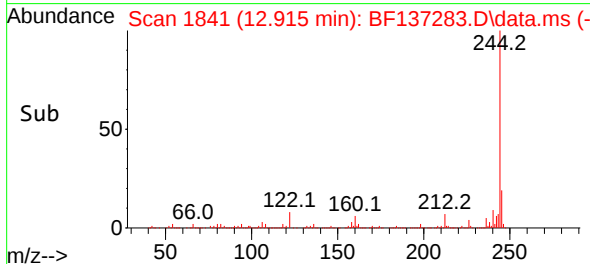
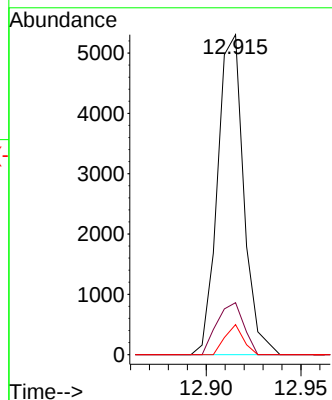
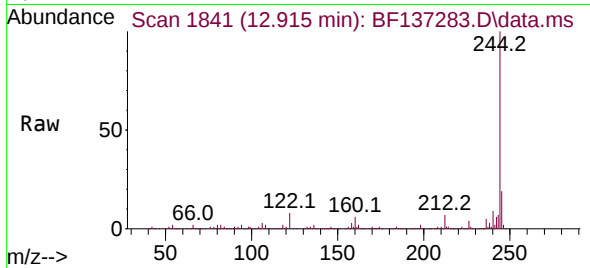




#77
Benzidine
Concen: 2.897 ng
RT: 12.915 min Scan# 1841
Delta R.T. 0.247 min
Lab File: BF137283.D
Acq: 05 Feb 2024 18:50

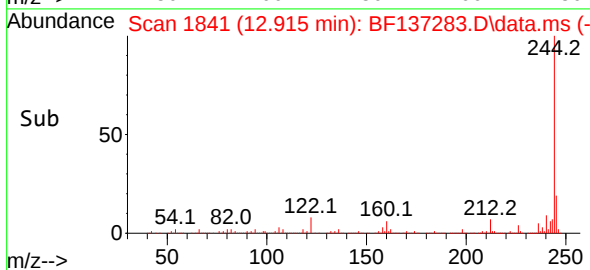
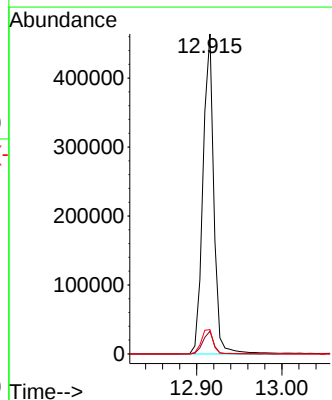
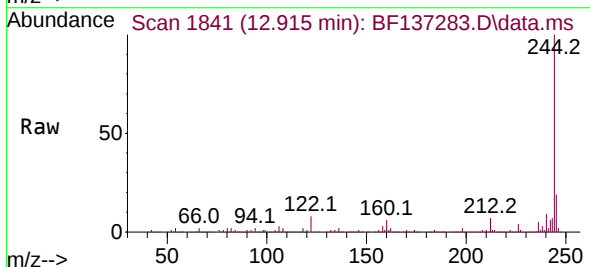
Instrument :
BNA_F
ClientSampleId :

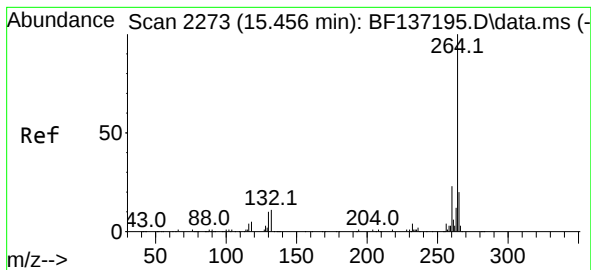
Tgt Ion:184 Resp: 5109
Ion Ratio Lower Upper
184 100
185 16.2 11.9 17.9
183 9.4 8.8 13.2



#79
Terphenyl-d14
Concen: 56.421 ng
RT: 12.915 min Scan# 1841
Delta R.T. -0.006 min
Lab File: BF137283.D
Acq: 05 Feb 2024 18:50

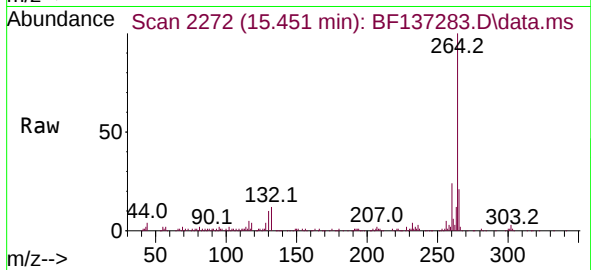
Tgt Ion:244 Resp: 408701
Ion Ratio Lower Upper
244 100
212 7.1 5.5 8.3
122 7.6 6.2 9.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF137283.D
 Acq: 05 Feb 2024 18:50

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:	264	Resp:	80629
Ion Ratio	Lower	Upper	
264	100		
260	24.2	18.2	27.4
265	21.4	16.2	24.2

