

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013124\
 Data File : BF137218.D
 Acq On : 31 Jan 2024 19:00
 Operator : CG\JU
 Sample : P1277-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-39

Quant Time: Feb 01 01:21:14 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)

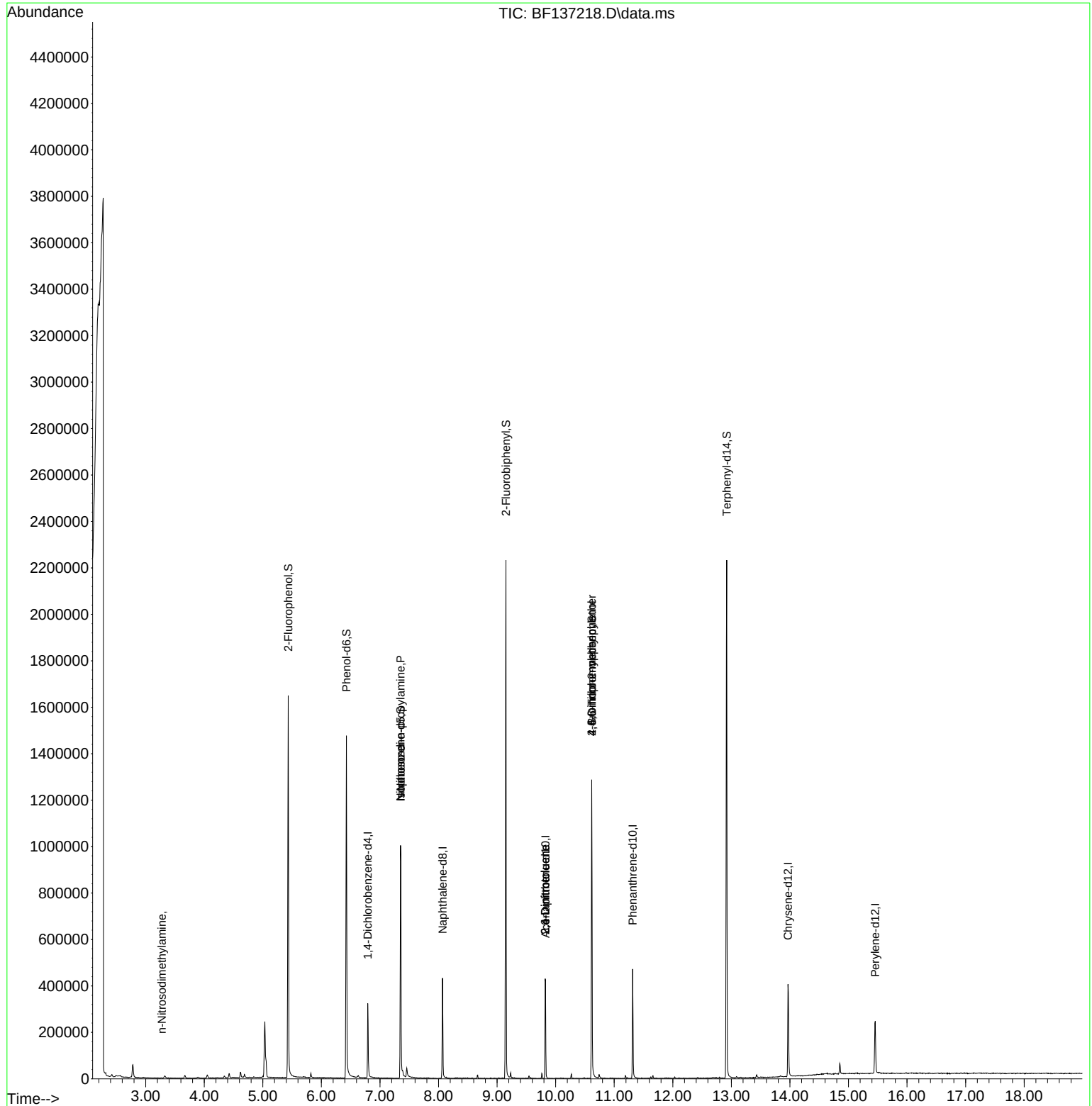
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	46221	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	173623	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	92510	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	168938	20.000	ng	0.00
76) Chrysene-d12	13.968	240	146136	20.000	ng	0.00
86) Perylene-d12	15.456	264	117181	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	414009	147.800	ng	0.02
7) Phenol-d6	6.428	99	492139	123.112	ng	0.00
23) Nitrobenzene-d5	7.351	82	364455	93.981	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	149697	143.283	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	653524	97.112	ng	0.00
79) Terphenyl-d14	12.921	244	834644	77.644	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.275	42	241	6.198	ng	# 1
19) n-Nitroso-di-n-propyla...	7.351	70	49825	18.178	ng	# 78
25) Isophorone	7.351	82	364451	50.915	ng	# 67
51) 2,6-Dinitrotoluene	9.822	165	12639	9.484	ng	# 17
57) 2,4-Dinitrotoluene	9.822	165	12639	7.309	ng	# 16
65) 4,6-Dinitro-2-methylph...	10.616	198	376	5.827	ng	# 1
67) 4-Bromophenyl-phenylether	10.616	248	10418	5.608	ng	# 1

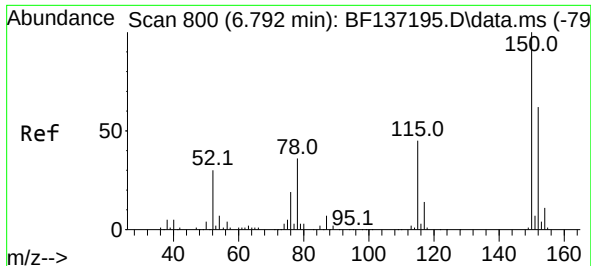
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013124\
Data File : BF137218.D
Acq On : 31 Jan 2024 19:00
Operator : CG\JU
Sample : P1277-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-39

Quant Time: Feb 01 01:21:14 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

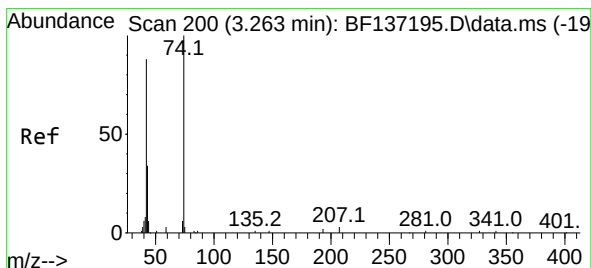
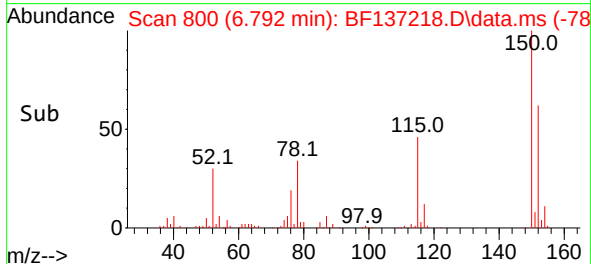
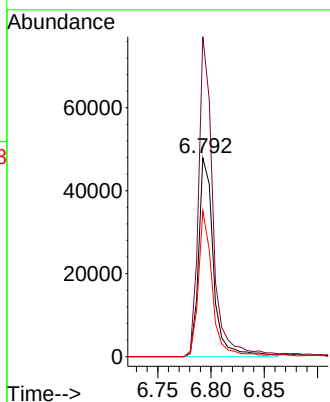
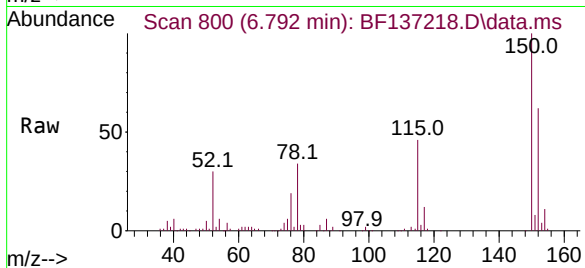




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF137218.D
Acq: 31 Jan 2024 19:00

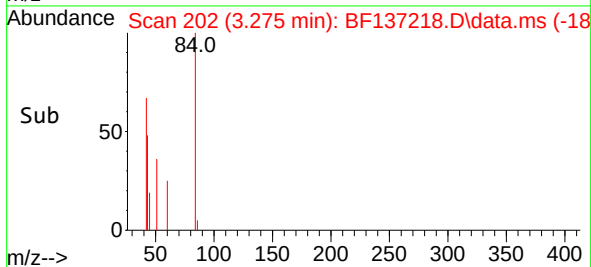
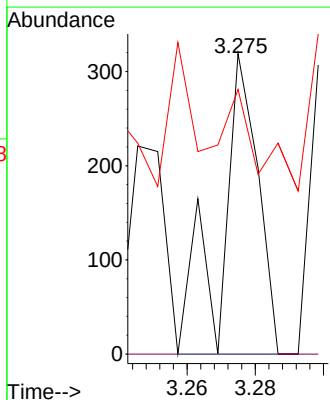
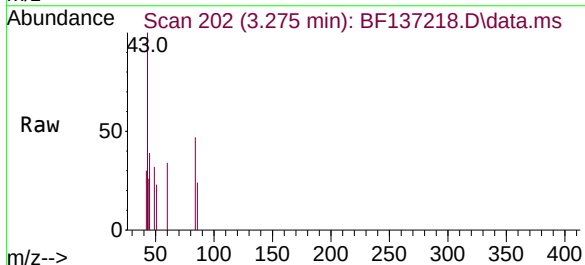
Instrument :
BNA_F
ClientSampleId :
TP-39

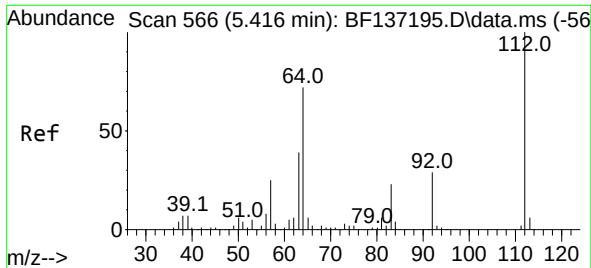
Tgt Ion:152 Resp: 46221
Ion Ratio Lower Upper
152 100
150 161.0 129.8 194.8
115 73.3 58.5 87.7



#4
n-Nitrosodimethylamine
Concen: 6.198 ng
RT: 3.275 min Scan# 202
Delta R.T. 0.012 min
Lab File: BF137218.D
Acq: 31 Jan 2024 19:00

Tgt Ion: 42 Resp: 241
Ion Ratio Lower Upper
42 100
74 0.0 90.5 135.7#
44 88.1 6.1 9.1#

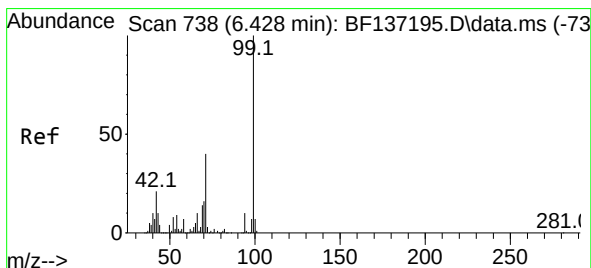
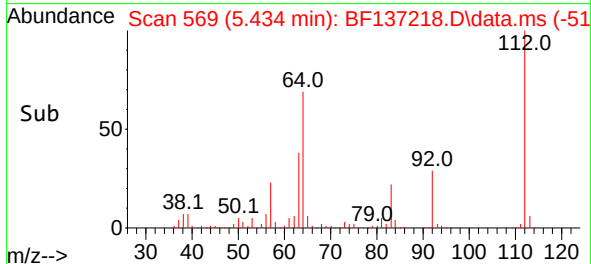
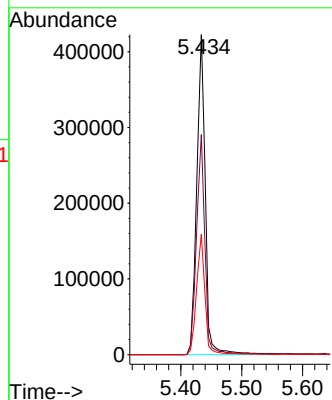
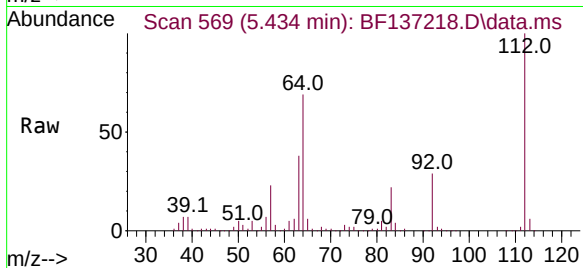




#5
2-Fluorophenol
Concen: 147.800 ng
RT: 5.434 min Scan# 566
Delta R.T. 0.018 min
Lab File: BF137218.D
Acq: 31 Jan 2024 19:00

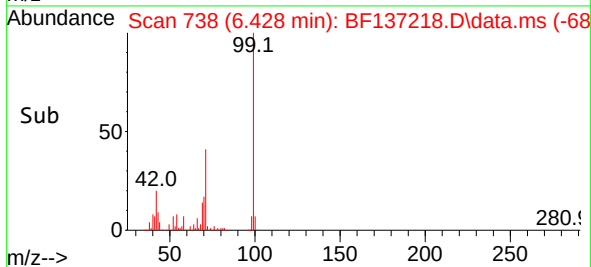
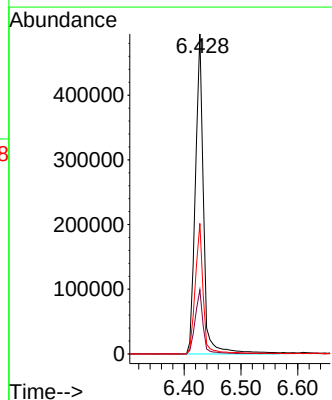
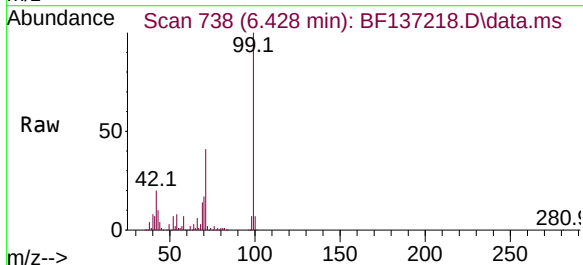
Instrument :
BNA_F
ClientSampleId :
TP-39

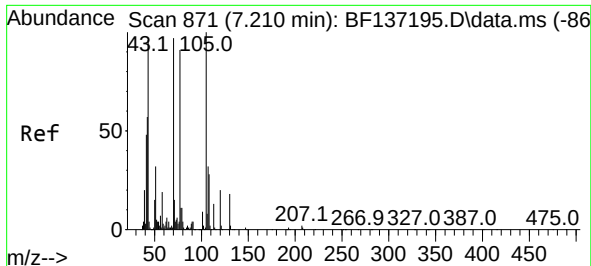
Tgt Ion:112 Resp: 414009
Ion Ratio Lower Upper
112 100
64 68.8 57.8 86.6
63 37.6 31.4 47.0



#7
Phenol-d6
Concen: 123.112 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.000 min
Lab File: BF137218.D
Acq: 31 Jan 2024 19:00

Tgt Ion: 99 Resp: 492139
Ion Ratio Lower Upper
99 100
42 20.0 16.4 24.6
71 40.8 32.4 48.6





#19

n-Nitroso-di-n-propylamine

Concen: 18.178 ng

RT: 7.351 min Scan# 89

Delta R.T. 0.141 min

Lab File: BF137218.D

Acq: 31 Jan 2024 19:00

Instrument :

BNA_F

ClientSampleId :

TP-39

Tgt Ion: 70 Resp: 49825

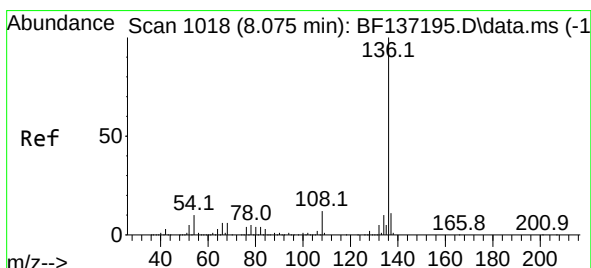
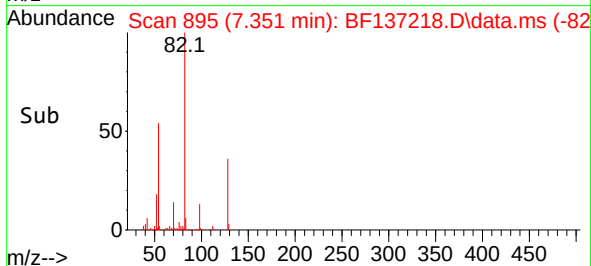
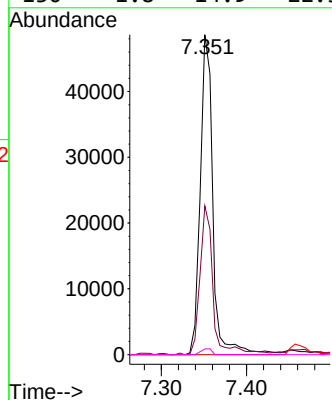
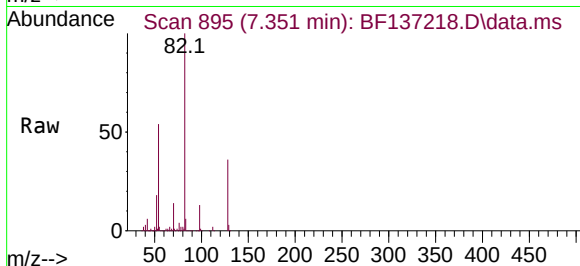
Ion Ratio Lower Upper

70 100

42 46.5 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: 8.069 min Scan# 1017

Delta R.T. -0.006 min

Lab File: BF137218.D

Acq: 31 Jan 2024 19:00

Tgt Ion: 136 Resp: 173623

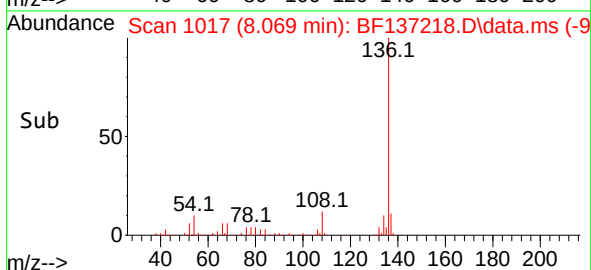
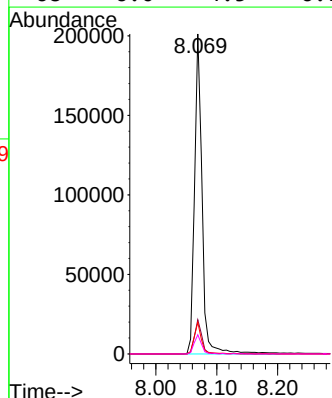
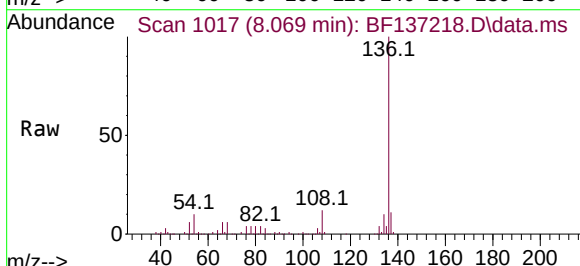
Ion Ratio Lower Upper

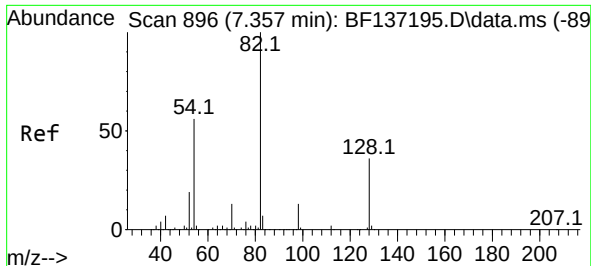
136 100

137 10.7 8.9 13.3

54 9.8 7.8 11.8

68 6.0 4.5 6.7

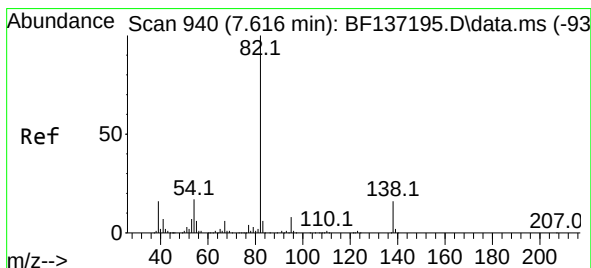
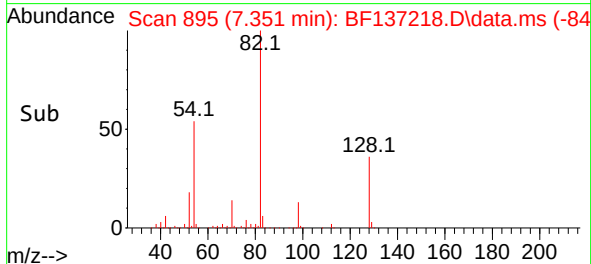
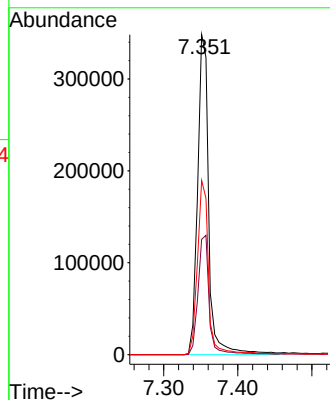
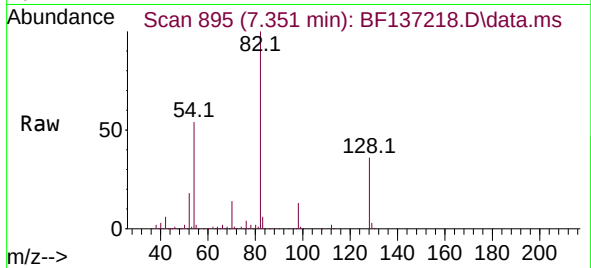




#23
Nitrobenzene-d5
Concen: 93.981 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF137218.D
Acq: 31 Jan 2024 19:00

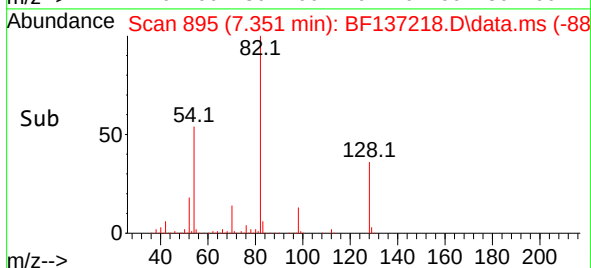
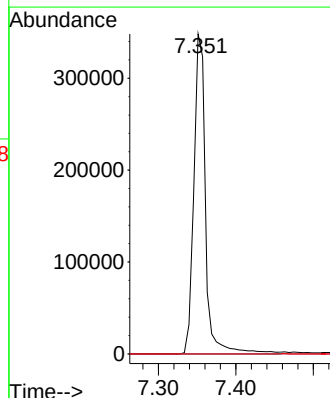
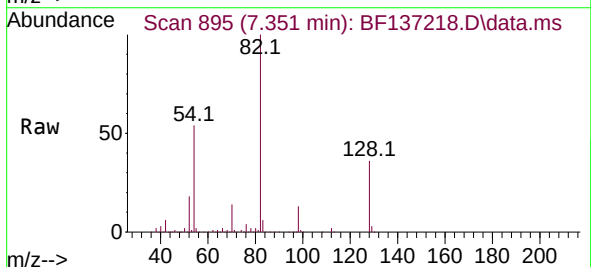
Instrument :
BNA_F
ClientSampleId :
TP-39

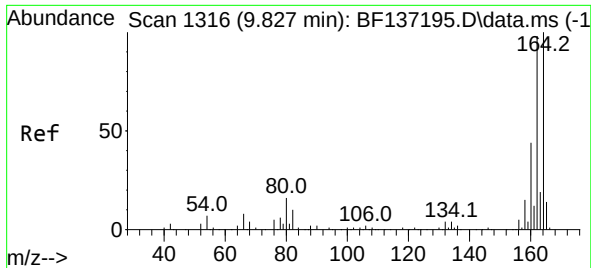
Tgt Ion: 82 Resp: 364455
Ion Ratio Lower Upper
82 100
128 36.0 29.1 43.7
54 54.4 45.0 67.6



#25
Isophorone
Concen: 50.915 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF137218.D
Acq: 31 Jan 2024 19:00

Tgt Ion: 82 Resp: 364451
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 12.7 19.1#

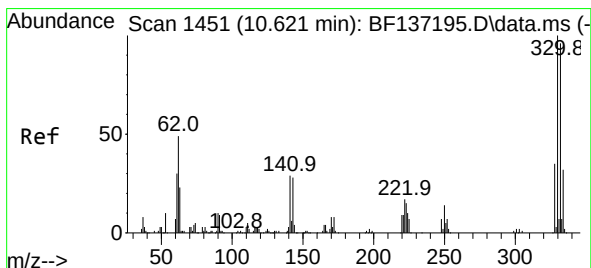
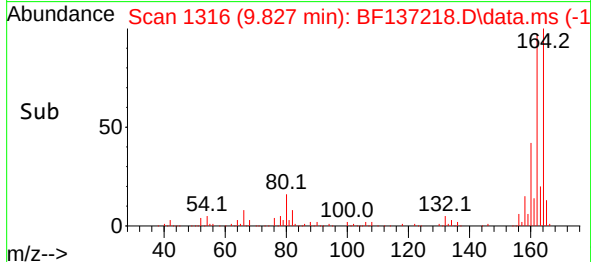
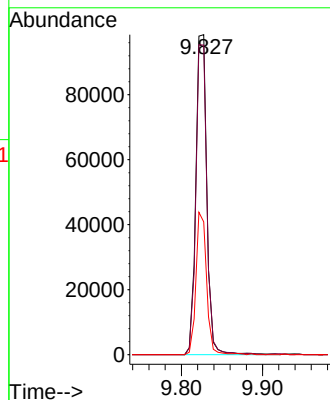
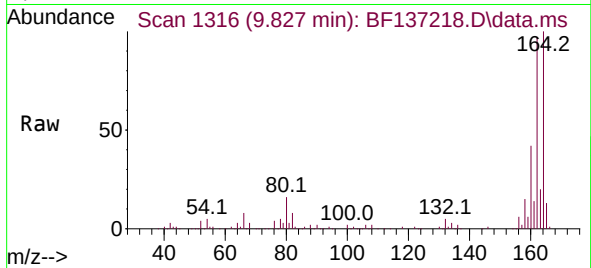




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BF137218.D
Acq: 31 Jan 2024 19:00

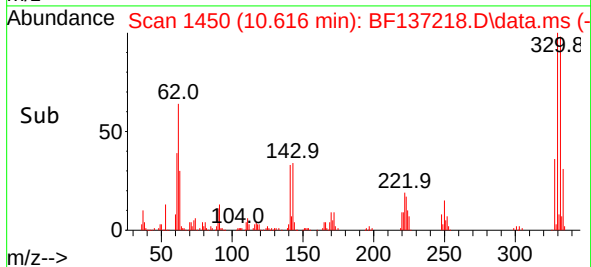
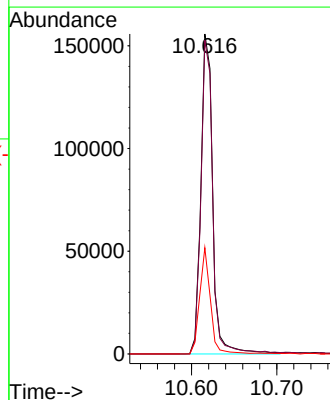
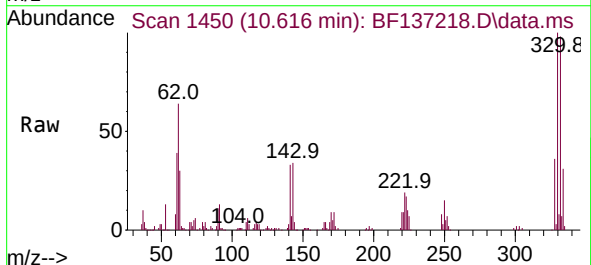
Instrument :
BNA_F
ClientSampleId :
TP-39

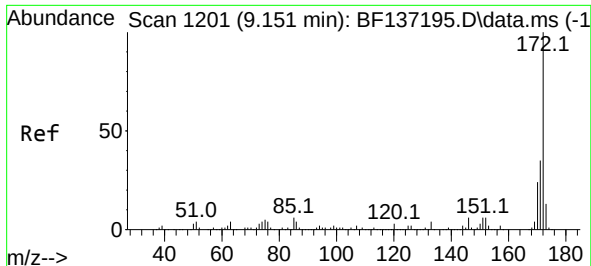
Tgt Ion:164 Resp: 92510
Ion Ratio Lower Upper
164 100
162 96.7 78.3 117.5
160 41.5 35.4 53.2



#42
2,4,6-Tribromophenol
Concen: 143.283 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF137218.D
Acq: 31 Jan 2024 19:00

Tgt Ion:330 Resp: 149697
Ion Ratio Lower Upper
330 100
332 98.2 77.3 115.9
141 30.0 25.2 37.8

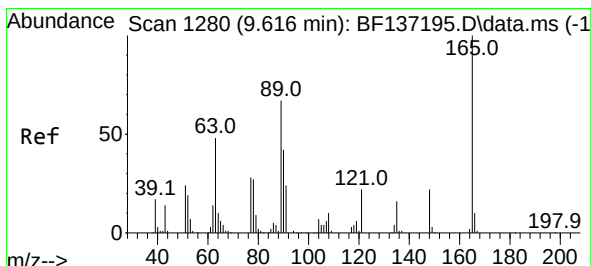
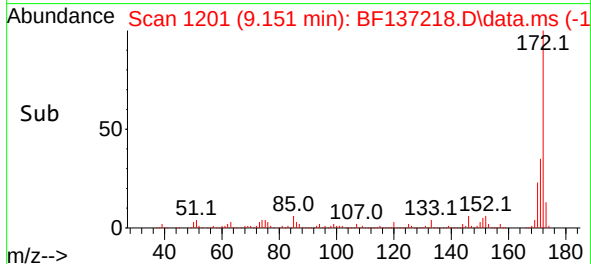
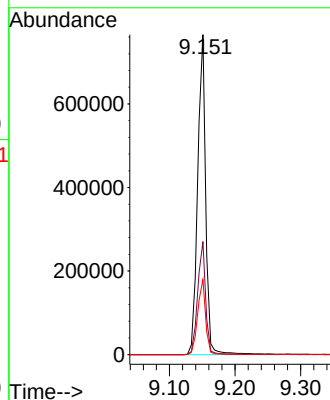
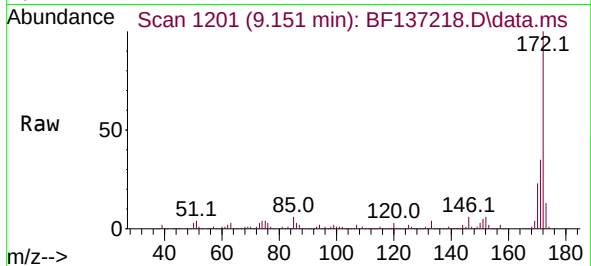




#45
2-Fluorobiphenyl
Concen: 97.112 ng
RT: 9.151 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137218.D
Acq: 31 Jan 2024 19:00

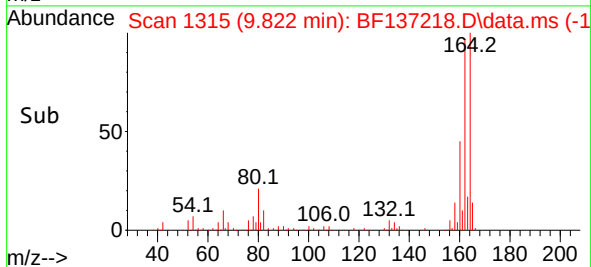
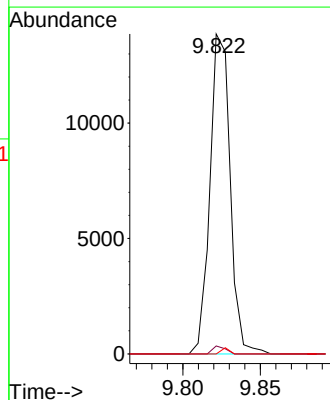
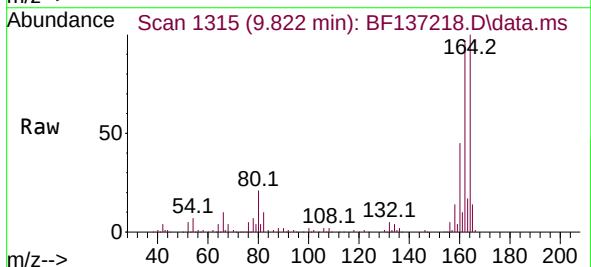
Instrument :
BNA_F
ClientSampleId :
TP-39

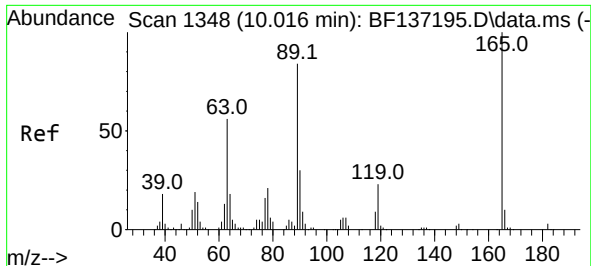
Tgt Ion:172 Resp: 653524
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.5 19.1 28.7



#51
2,6-Dinitrotoluene
Concen: 9.484 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.206 min
Lab File: BF137218.D
Acq: 31 Jan 2024 19:00

Tgt Ion:165 Resp: 12639
Ion Ratio Lower Upper
165 100
63 2.5 55.1 82.7#
89 0.0 53.5 80.3#

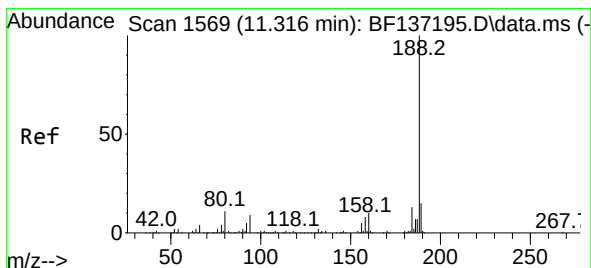
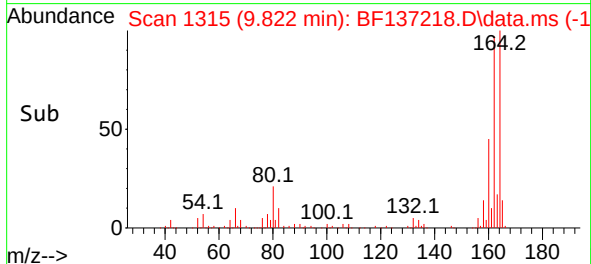
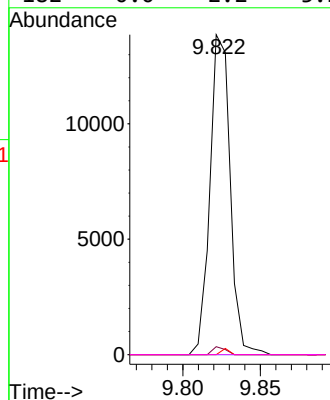
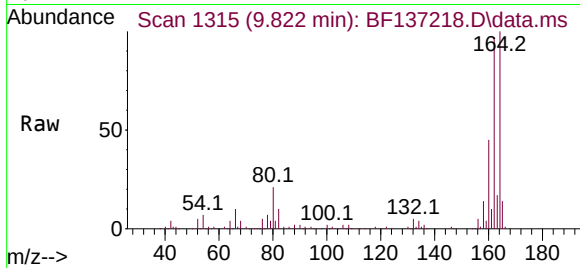




#57
2,4-Dinitrotoluene
Concen: 7.309 ng
RT: 9.822 min Scan# 1348
Delta R.T. -0.194 min
Lab File: BF137218.D
Acq: 31 Jan 2024 19:00

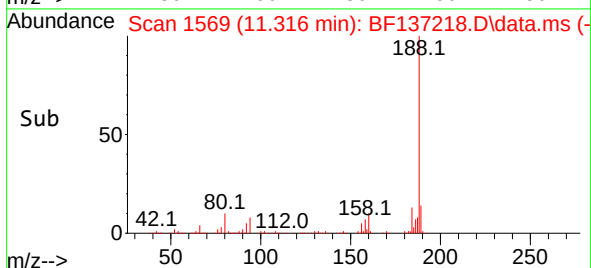
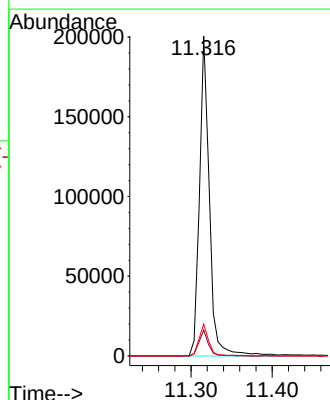
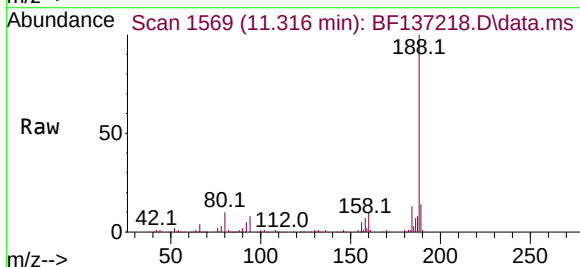
Instrument :
BNA_F
ClientSampleId :
TP-39

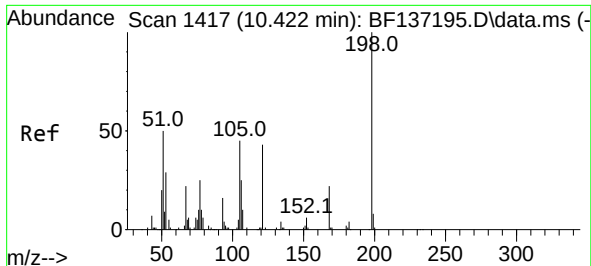
Tgt Ion:165 Resp: 12639
Ion Ratio Lower Upper
165 100
63 2.5 46.1 69.1#
89 0.0 67.5 101.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BF137218.D
Acq: 31 Jan 2024 19:00

Tgt Ion:188 Resp: 168938
Ion Ratio Lower Upper
188 100
94 8.1 7.0 10.4
80 10.0 8.8 13.2





#65

4,6-Dinitro-2-methylphenol

Concen: 5.827 ng

RT: 10.616 min Scan# 1417

Delta R.T. 0.194 min

Lab File: BF137218.D

Acq: 31 Jan 2024 19:00

Instrument :

BNA_F

ClientSampleId :

TP-39

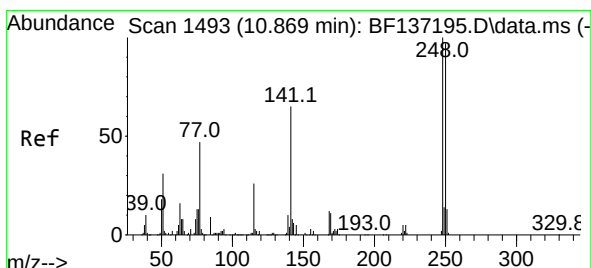
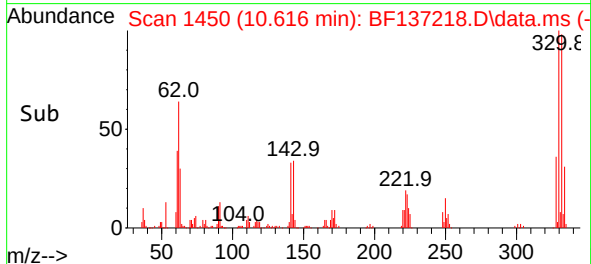
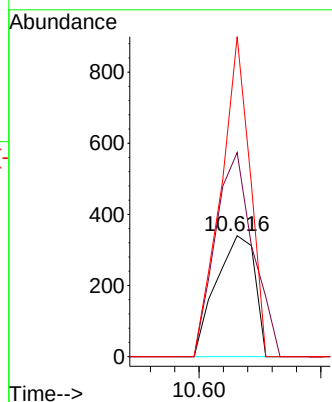
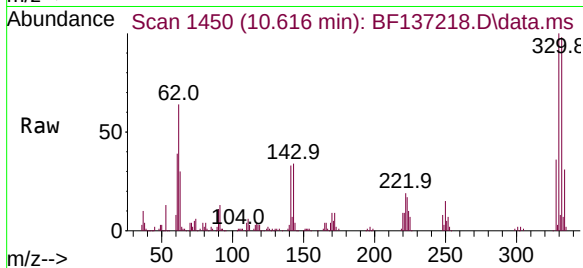
Tgt Ion:198 Resp: 376

Ion Ratio Lower Upper

198 100

51 168.8 40.9 80.9#

105 264.7 26.5 66.5#



#67

4-Bromophenyl-phenylether

Concen: 5.608 ng

RT: 10.616 min Scan# 1450

Delta R.T. -0.253 min

Lab File: BF137218.D

Acq: 31 Jan 2024 19:00

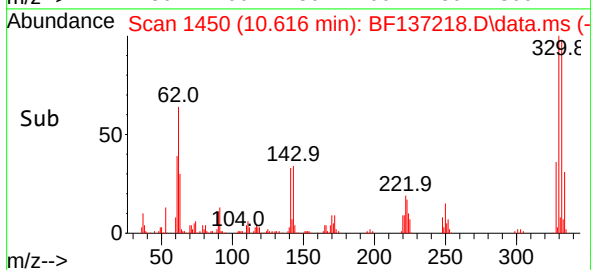
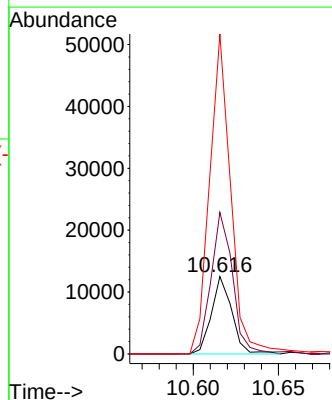
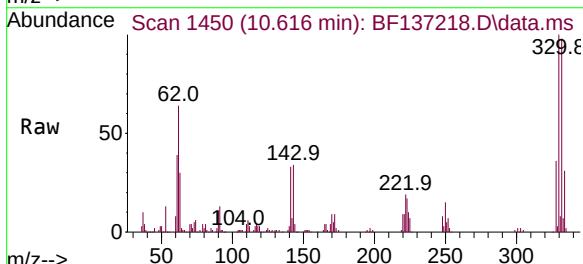
Tgt Ion:248 Resp: 10418

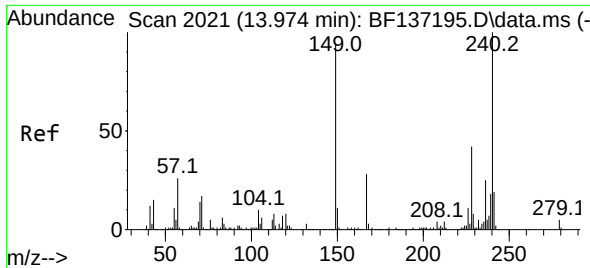
Ion Ratio Lower Upper

248 100

250 182.8 77.7 116.5#

141 413.4 51.6 77.4#

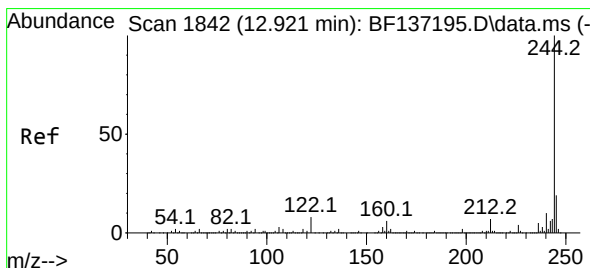
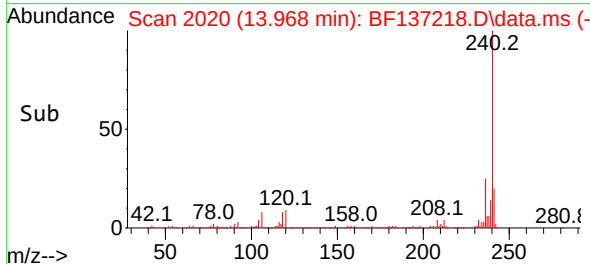
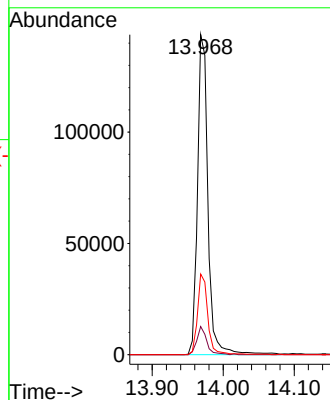
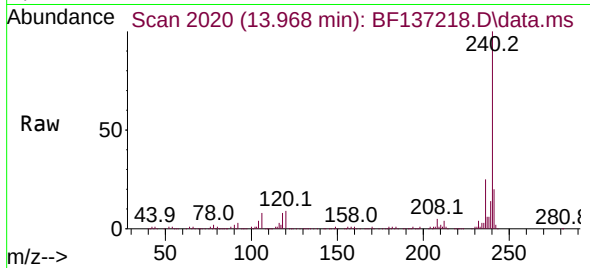




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF137218.D
Acq: 31 Jan 2024 19:00

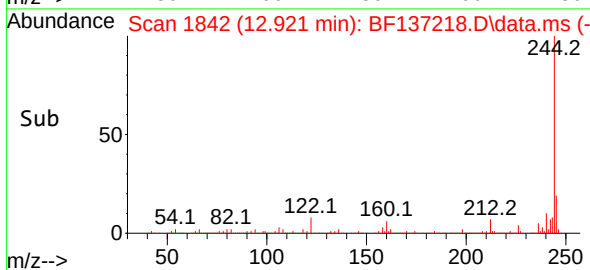
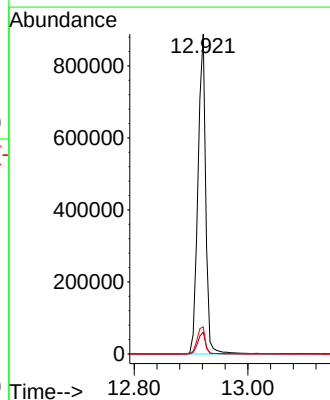
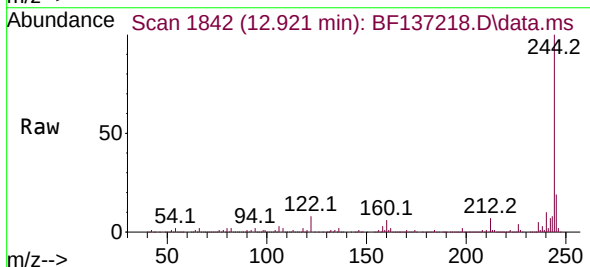
Instrument :
BNA_F
ClientSampleId :
TP-39

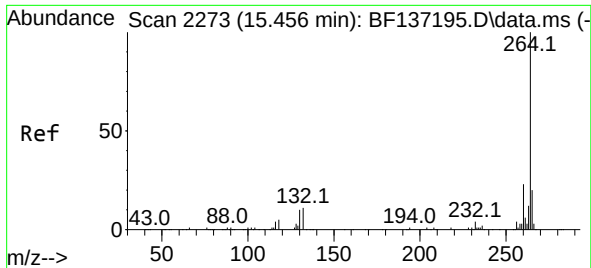
Tgt Ion:240 Resp: 146136
Ion Ratio Lower Upper
240 100
120 8.8 6.3 9.5
236 25.2 20.3 30.5



#79
Terphenyl-d14
Concen: 77.644 ng
RT: 12.921 min Scan# 1842
Delta R.T. 0.000 min
Lab File: BF137218.D
Acq: 31 Jan 2024 19:00

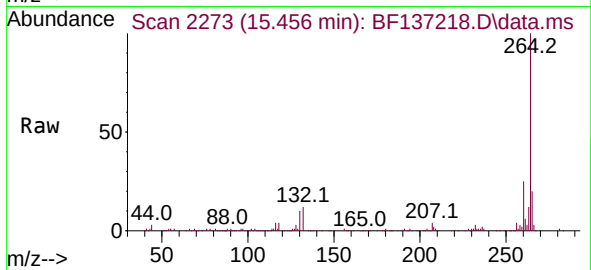
Tgt Ion:244 Resp: 834644
Ion Ratio Lower Upper
244 100
212 6.8 5.5 8.3
122 8.4 6.2 9.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.456 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF137218.D
 Acq: 31 Jan 2024 19:00

Instrument :
 BNA_F
 ClientSampleId :
 TP-39



Tgt Ion:264 Resp: 117181
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.2 27.4
 265 20.3 16.2 24.2

