

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012924\
 Data File : BF137189.D
 Acq On : 29 Jan 2024 13:52
 Operator : CG\JU
 Sample : P1240-07DL 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-223DL

Quant Time: Jan 29 14:14:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 02:14:33 2024
 Response via : Initial Calibration

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

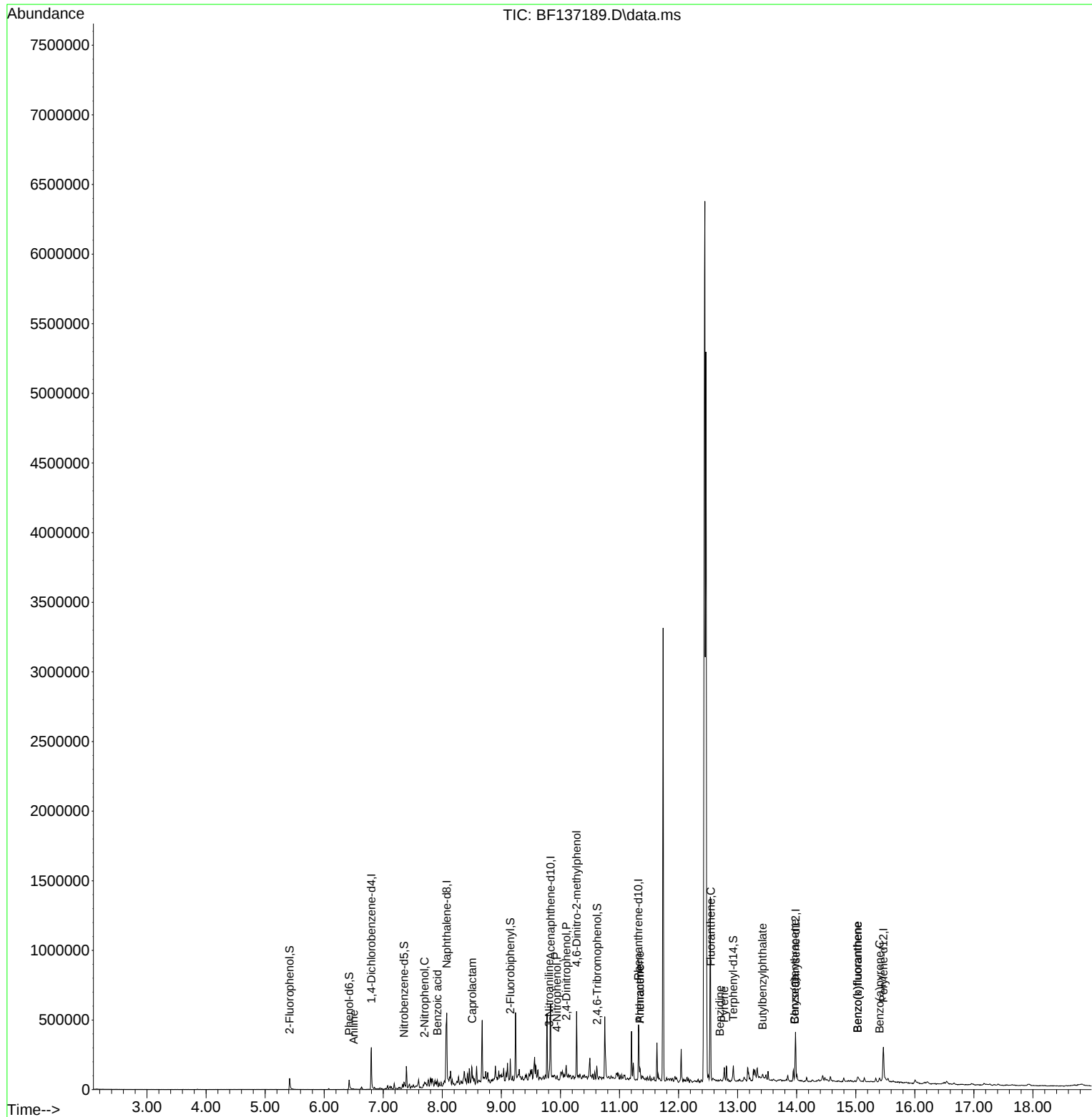
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	47250	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	182513	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	101280	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	164361	20.000	ng	#-0.01
76) Chrysene-d12	13.980	240	116638	20.000	ng	0.00
86) Perylene-d12	15.468	264	119437	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	23206	8.532	ng	-0.01
7) Phenol-d6	6.422	99	29574	7.620	ng	-0.01
23) Nitrobenzene-d5	7.351	82	17353	4.313	ng	-0.02
42) 2,4,6-Tribromophenol	10.622	330	6632	5.861	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	44594	6.182	ng	-0.01
79) Terphenyl-d14	12.927	244	37731	4.537	ng	0.00
Target Compounds						Qvalue
6) Aniline	6.498	93	731	2.594	ng	# 35
26) 2-Nitrophenol	7.698	139	110	4.524	ng	# 1
32) Benzoic acid	7.916	122	58	7.562	ng	# 1
35) Caprolactam	8.504	113	2256	2.713	ng	# 33
53) 3-Nitroaniline	9.810	138	459	2.136	ng	# 28
54) 2,4-Dinitrophenol	10.098	184	58	10.858	ng	# 1
56) 4-Nitrophenol	9.939	139	995	8.937	ng	# 11
65) 4,6-Dinitro-2-methylph...	10.274	198	64	7.882	ng	# 1
71) Phenanthrene	11.345	178	28978	3.408	ng	96
72) Anthracene	11.345	178	28978	3.302	ng	96
75) Fluoranthene	12.545	202	41000	4.492	ng	88
77) Benzidine	12.698	184	1181	8.403	ng	# 38
78) Pyrene	12.774	202	36416	3.391	ng	98
80) Butylbenzylphthalate	13.421	149	282	2.780	ng	# 1
81) Benzo(a)anthracene	13.968	228	18956	2.273	ng	# 91
83) Chrysene	13.968	228	18956	2.281	ng	94
88) Benzo(b)fluoranthene	15.033	252	28410	3.713	ng	# 89
89) Benzo(k)fluoranthene	15.033	252	28410	3.678	ng	# 89
90) Benzo(a)pyrene	15.404	252	15414	2.233	ng	# 90

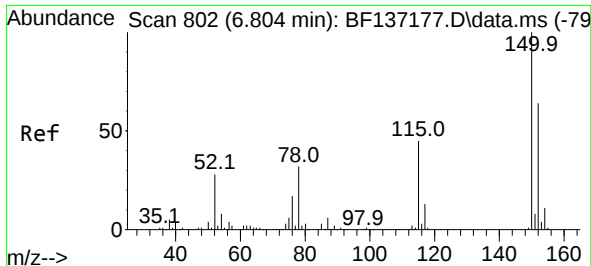
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012924\
Data File : BF137189.D
Acq On : 29 Jan 2024 13:52
Operator : CG\JU
Sample : P1240-07DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-223DL

Quant Time: Jan 29 14:14:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 27 02:14:33 2024
Response via : Initial Calibration

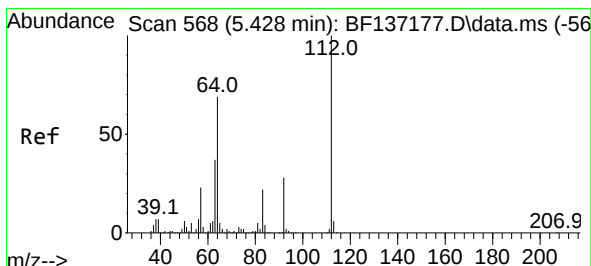
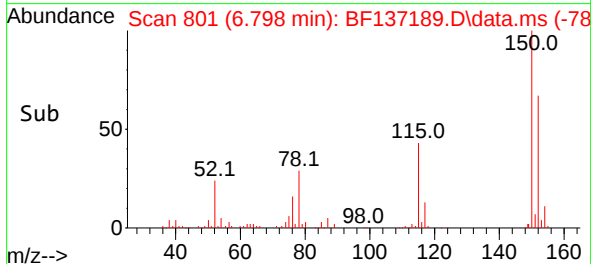
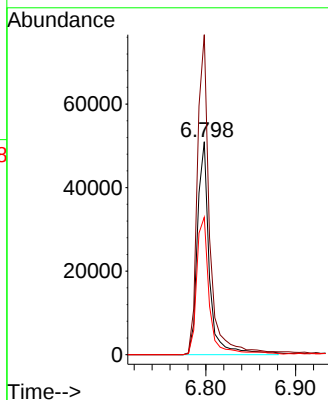
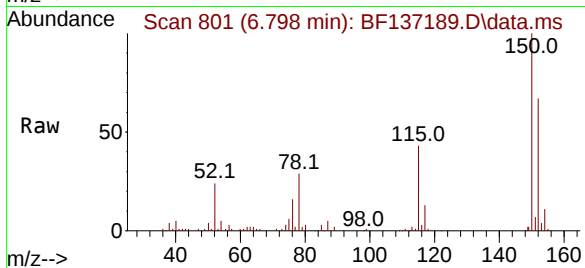




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF137189.D
Acq: 29 Jan 2024 13:52

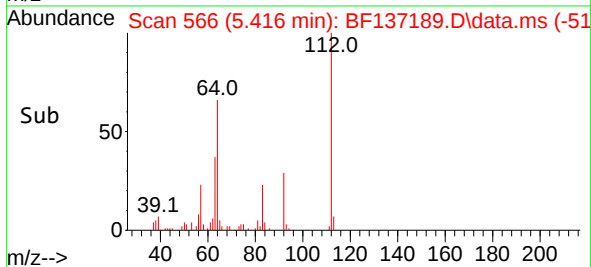
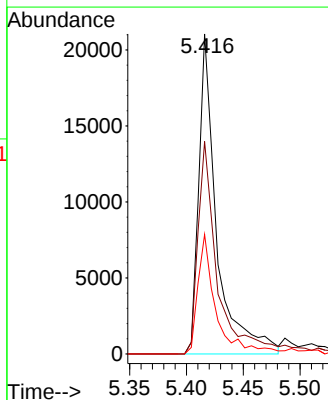
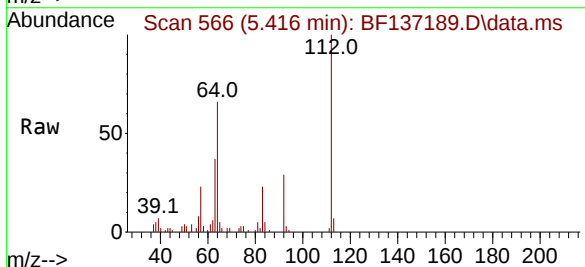
Instrument :
BNA_F
ClientSampleId :
VNJ-223DL

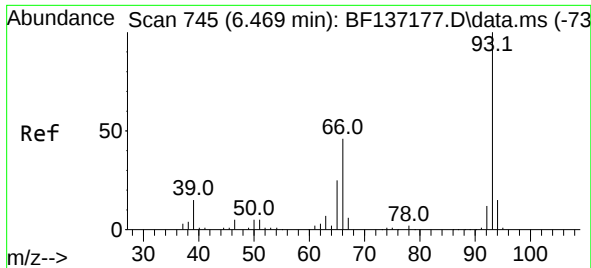
Tgt Ion:152 Resp: 47250
Ion Ratio Lower Upper
152 100
150 150.3 125.6 188.4
115 64.6 55.9 83.9



#5
2-Fluorophenol
Concen: 8.532 ng
RT: 5.416 min Scan# 566
Delta R.T. -0.012 min
Lab File: BF137189.D
Acq: 29 Jan 2024 13:52

Tgt Ion:112 Resp: 23206
Ion Ratio Lower Upper
112 100
64 66.4 55.5 83.3
63 37.4 29.8 44.8





#6

Aniline

Concen: 2.594 ng

RT: 6.498 min Scan# 71

Delta R.T. 0.029 min

Lab File: BF137189.D

Acq: 29 Jan 2024 13:52

Instrument :

BNA_F

ClientSampleId :

VNJ-223DL

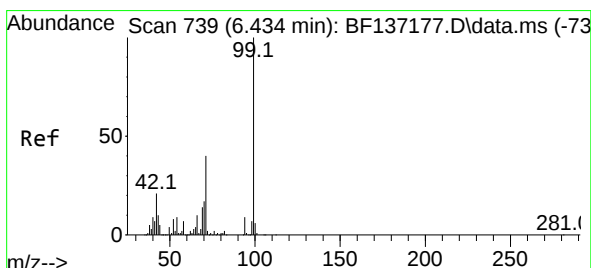
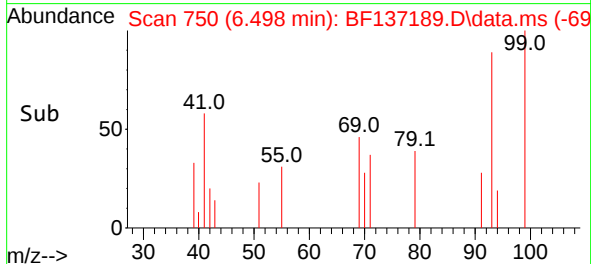
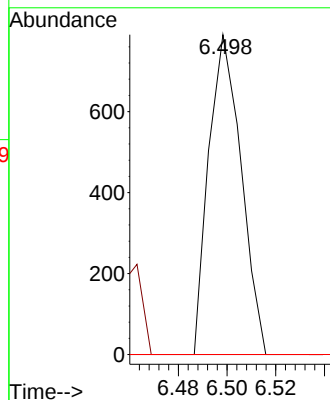
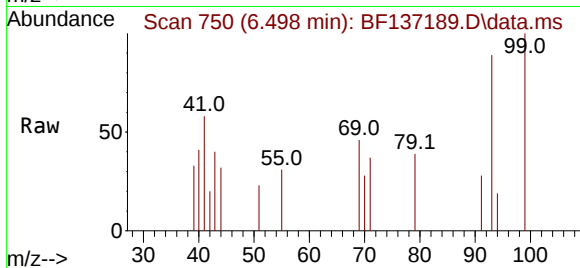
Tgt Ion: 93 Resp: 731

Ion Ratio Lower Upper

93 100

66 0.0 39.2 58.8#

65 0.0 20.5 30.7#



#7

Phenol-d6

Concen: 7.620 ng

RT: 6.422 min Scan# 737

Delta R.T. -0.012 min

Lab File: BF137189.D

Acq: 29 Jan 2024 13:52

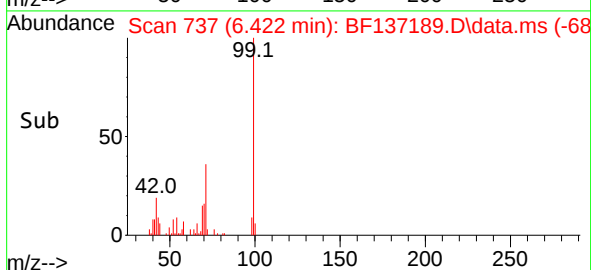
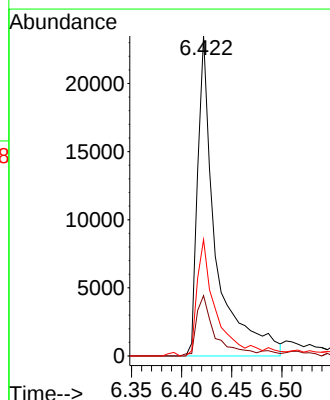
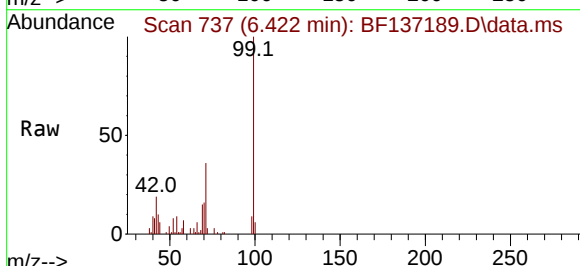
Tgt Ion: 99 Resp: 29574

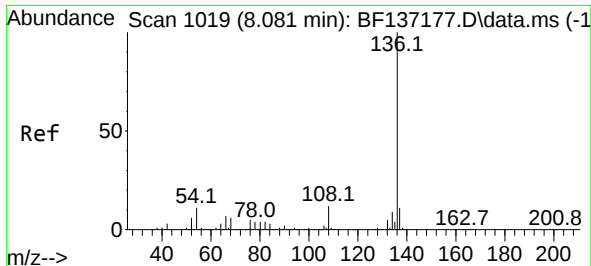
Ion Ratio Lower Upper

99 100

42 18.9 16.6 25.0

71 36.4 31.8 47.6



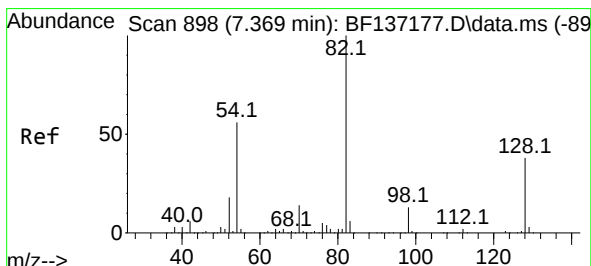
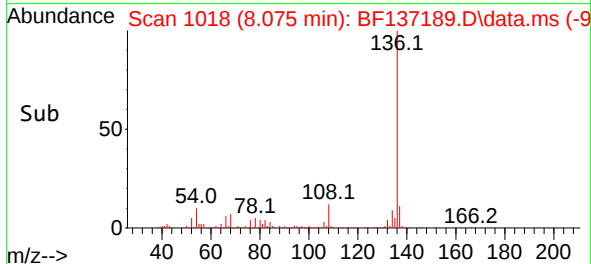
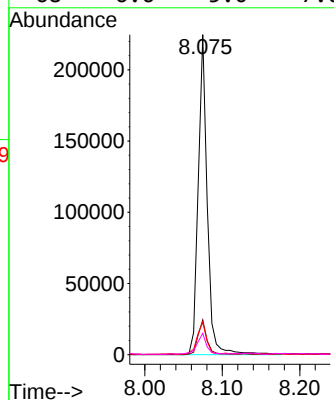
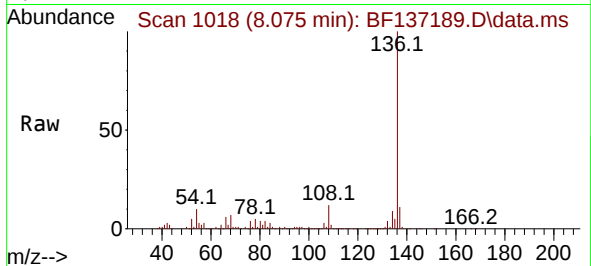


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF137189.D
Acq: 29 Jan 2024 13:52

Instrument :
BNA_F
ClientSampleId :
VNJ-223DL

Tgt Ion:136 Resp: 182513

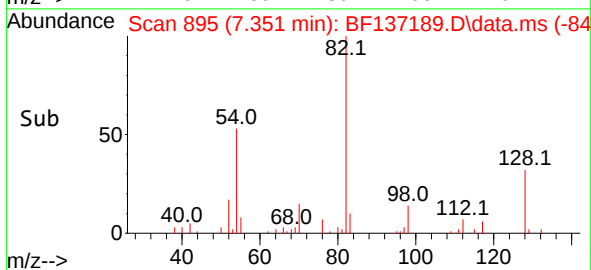
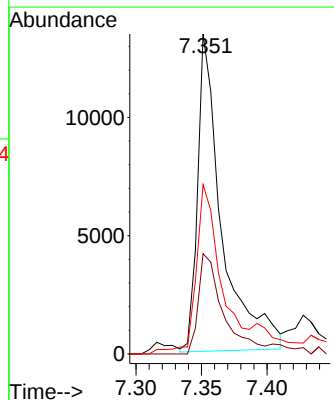
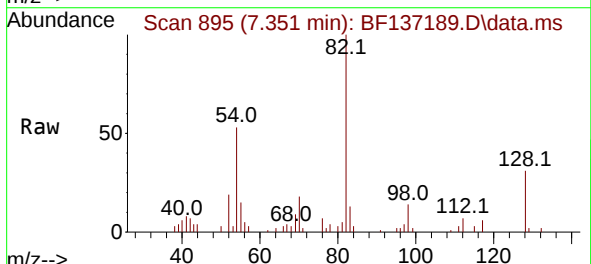
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	10.1	8.7	13.1
68	6.6	5.0	7.6

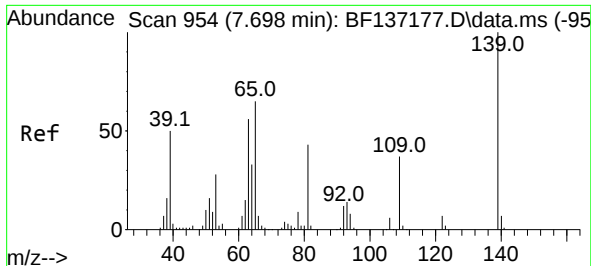


#23
Nitrobenzene-d5
Concen: 4.313 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.018 min
Lab File: BF137189.D
Acq: 29 Jan 2024 13:52

Tgt Ion: 82 Resp: 17353

Ion	Ratio	Lower	Upper
82	100		
128	31.3	30.3	45.5
54	52.9	44.9	67.3

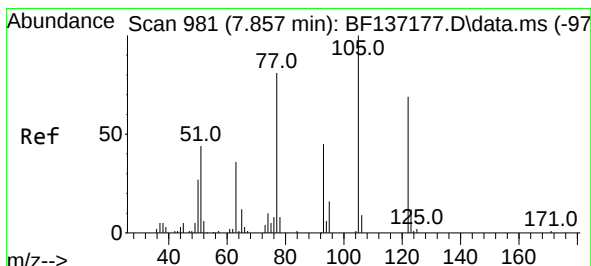
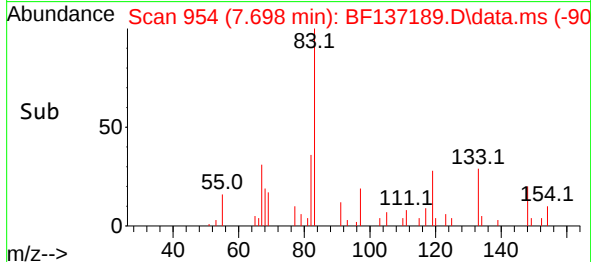
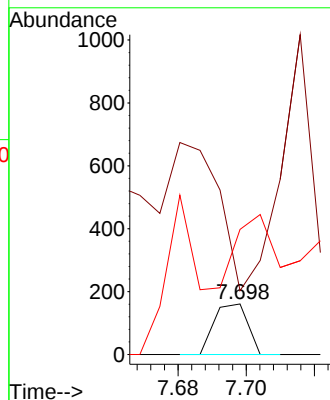
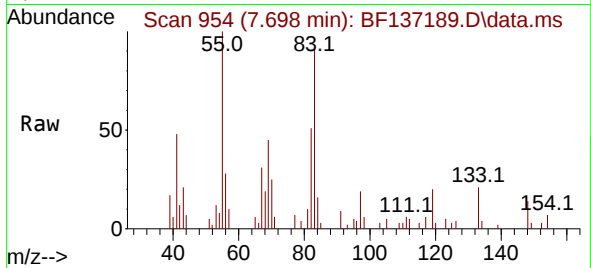




#26
2-Nitrophenol
Concen: 4.524 ng
RT: 7.698 min Scan# 910
Delta R.T. 0.000 min
Lab File: BF137189.D
Acq: 29 Jan 2024 13:52

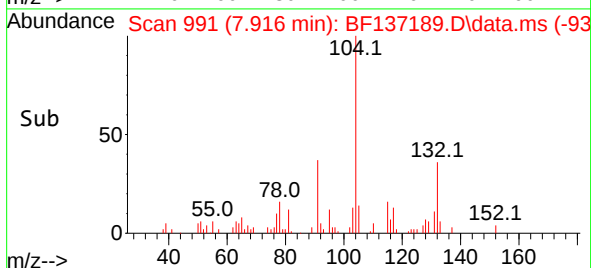
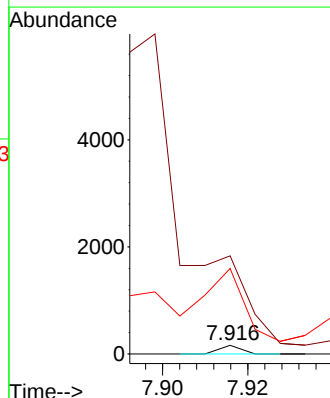
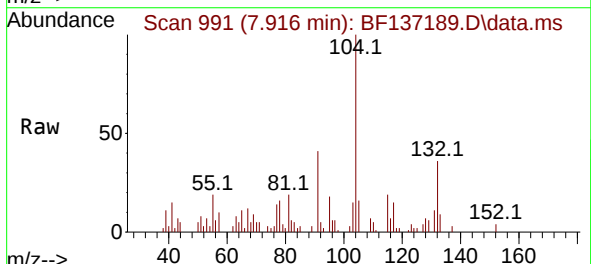
Instrument :
BNA_F
ClientSampleId :
VNJ-223DL

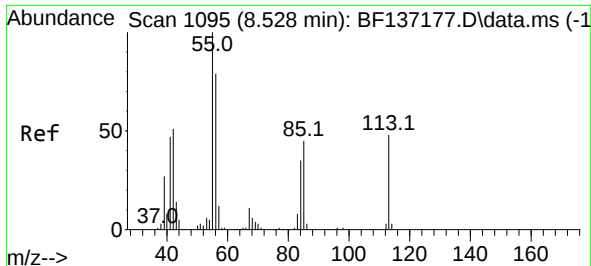
Tgt Ion:139 Resp: 110
Ion Ratio Lower Upper
139 100
109 126.1 29.9 44.9#
65 247.2 52.4 78.6#



#32
Benzoic acid
Concen: 7.562 ng
RT: 7.916 min Scan# 991
Delta R.T. 0.059 min
Lab File: BF137189.D
Acq: 29 Jan 2024 13:52

Tgt Ion:122 Resp: 58
Ion Ratio Lower Upper
122 100
105 1123.9 112.6 152.6#
77 978.5 92.3 132.3#

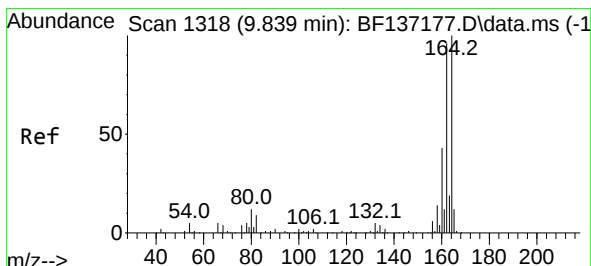
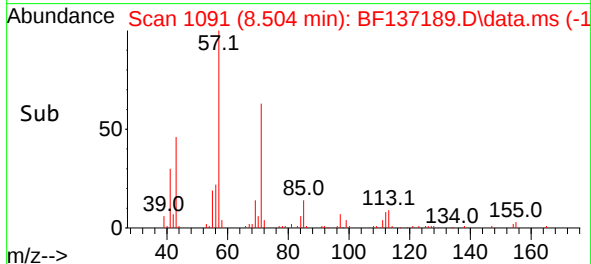
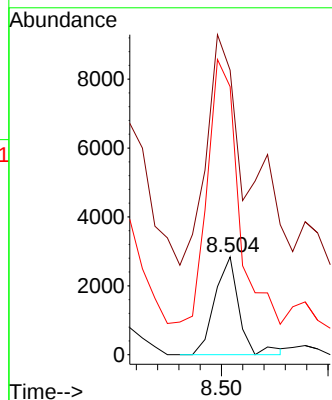
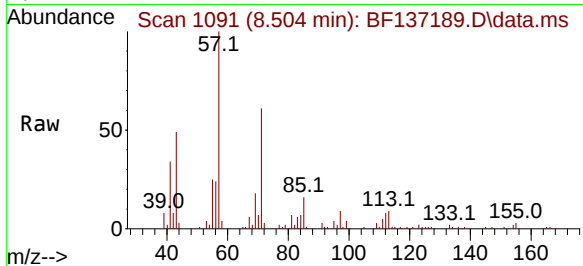




#35
 Caprolactam
 Concen: 2.713 ng
 RT: 8.504 min Scan# 1091
 Delta R.T. -0.024 min
 Lab File: BF137189.D
 Acq: 29 Jan 2024 13:52

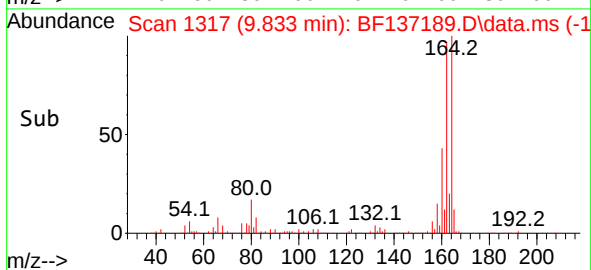
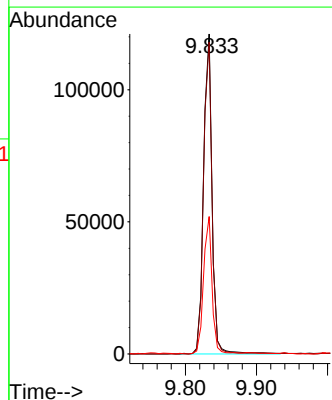
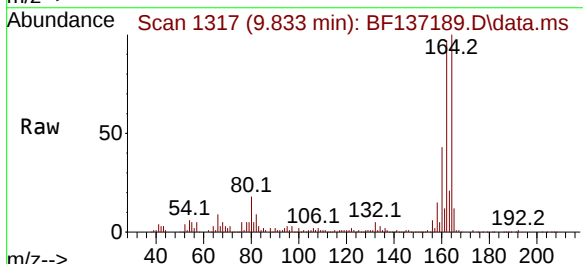
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-223DL

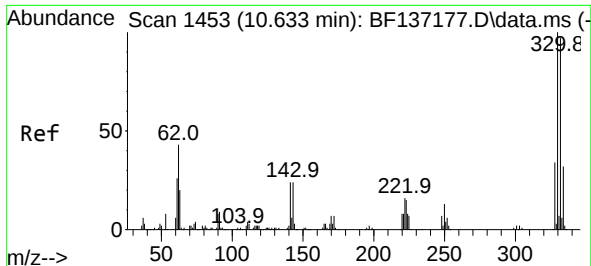
Tgt Ion:113 Resp: 2256
 Ion Ratio Lower Upper
 113 100
 55 291.1 186.6 226.6#
 56 274.2 142.9 182.9#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.833 min Scan# 1317
 Delta R.T. -0.006 min
 Lab File: BF137189.D
 Acq: 29 Jan 2024 13:52

Tgt Ion:164 Resp: 101280
 Ion Ratio Lower Upper
 164 100
 162 97.4 77.0 115.4
 160 43.0 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 5.861 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF137189.D

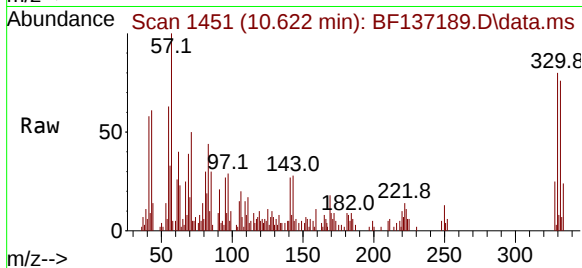
Acq: 29 Jan 2024 13:52

Instrument :

BNA_F

ClientSampleId :

VNJ-223DL



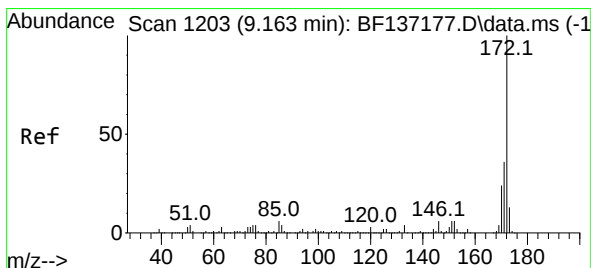
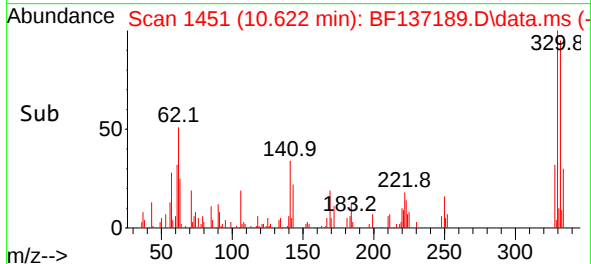
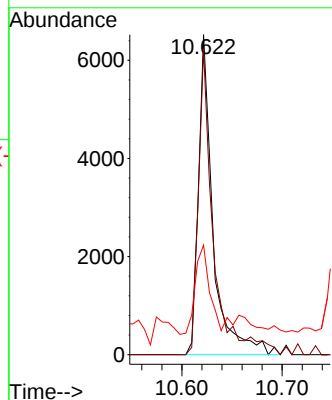
Tgt Ion:330 Resp: 6632

Ion Ratio Lower Upper

330 100

332 90.5 77.0 115.4

141 27.4 23.7 35.5



#45

2-Fluorobiphenyl

Concen: 6.182 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF137189.D

Acq: 29 Jan 2024 13:52

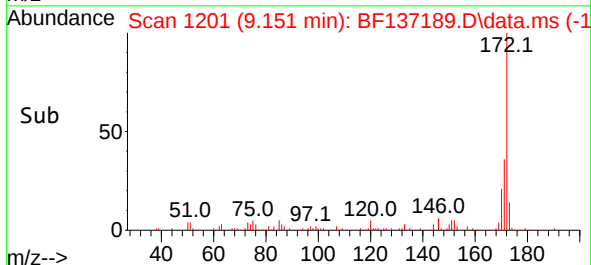
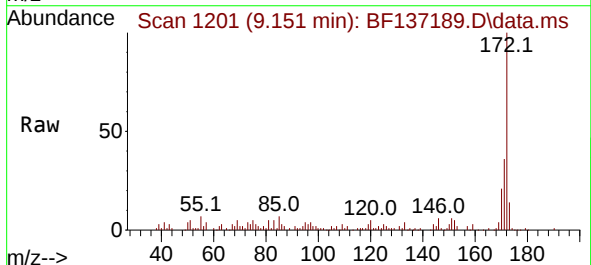
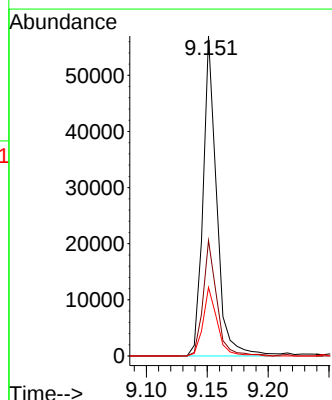
Tgt Ion:172 Resp: 44594

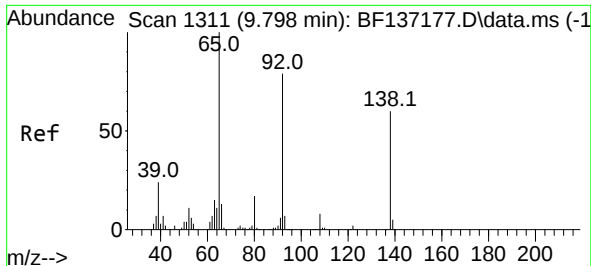
Ion Ratio Lower Upper

172 100

171 36.1 28.7 43.1

170 21.4 19.2 28.8

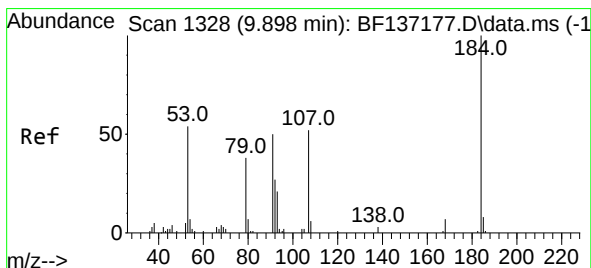
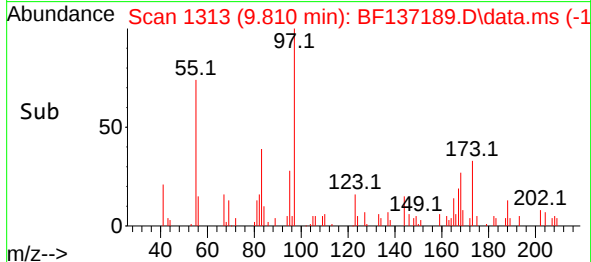
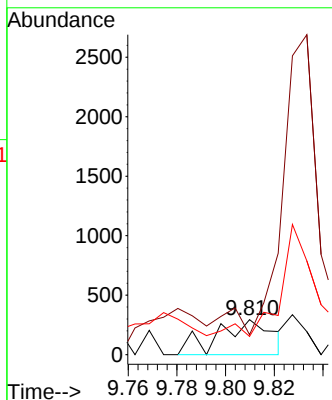
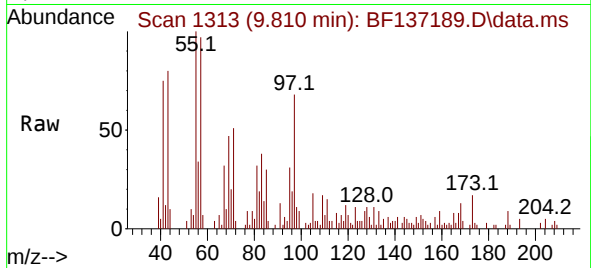




#53
3-Nitroaniline
Concen: 2.136 ng
RT: 9.810 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF137189.D
Acq: 29 Jan 2024 13:52

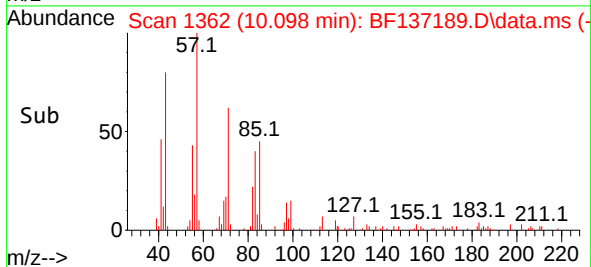
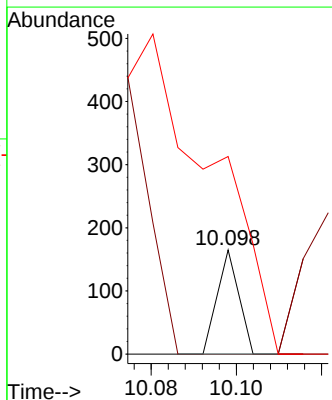
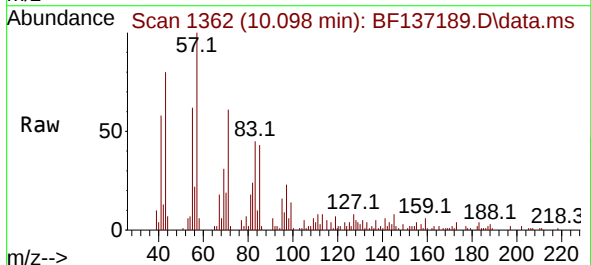
Instrument :
BNA_F
ClientSampleId :
VNJ-223DL

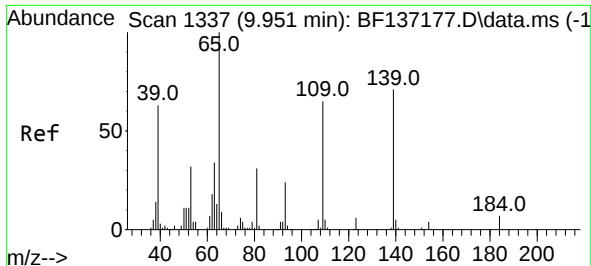
Tgt Ion:138 Resp: 459
Ion Ratio Lower Upper
138 100
108 56.9 9.9 14.9#
92 51.9 105.4 158.0#



#54
2,4-Dinitrophenol
Concen: 10.858 ng
RT: 10.098 min Scan# 1362
Delta R.T. 0.200 min
Lab File: BF137189.D
Acq: 29 Jan 2024 13:52

Tgt Ion:184 Resp: 58
Ion Ratio Lower Upper
184 100
63 0.0 63.2 94.8#
154 189.7 63.6 95.4#

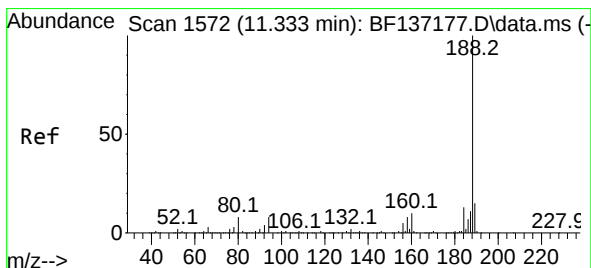
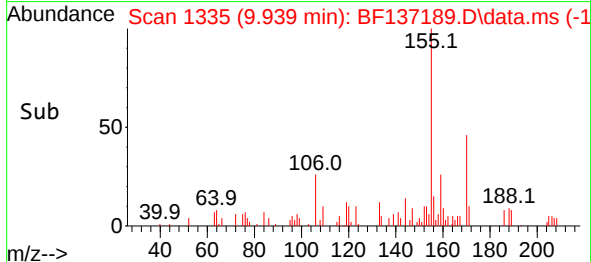
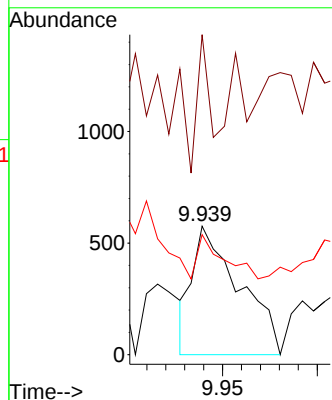
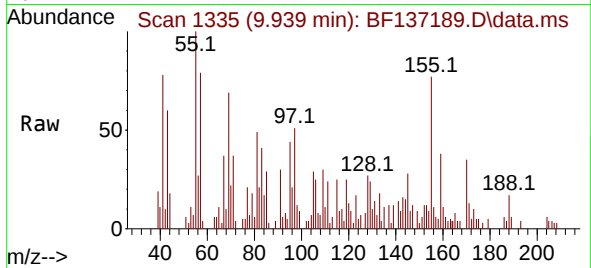




#56
4-Nitrophenol
Concen: 8.937 ng
RT: 9.939 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137189.D
Acq: 29 Jan 2024 13:52

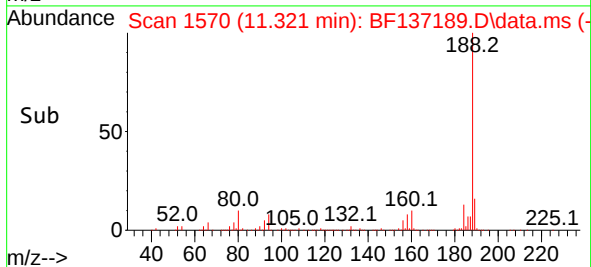
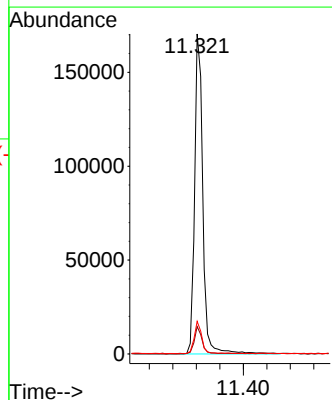
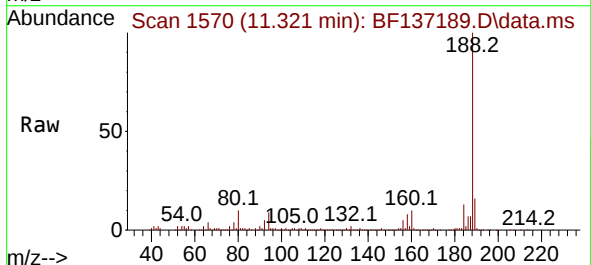
Instrument :
BNA_F
ClientSampleId :
VNJ-223DL

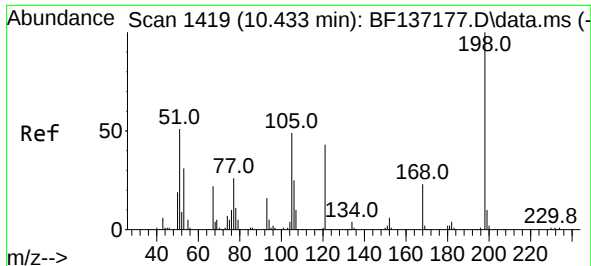
Tgt Ion:139 Resp: 995
Ion Ratio Lower Upper
139 100
109 249.0 72.6 112.6#
65 93.4 124.2 164.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.321 min Scan# 1570
Delta R.T. -0.012 min
Lab File: BF137189.D
Acq: 29 Jan 2024 13:52

Tgt Ion:188 Resp: 164361
Ion Ratio Lower Upper
188 100
94 8.5 6.0 9.0
80 10.2 6.7 10.1#





#65

4,6-Dinitro-2-methylphenol

Concen: 7.882 ng

RT: 10.274 min Scan# 1

Delta R.T. -0.159 min

Lab File: BF137189.D

Acq: 29 Jan 2024 13:52

Instrument :

BNA_F

ClientSampleId :

VNJ-223DL

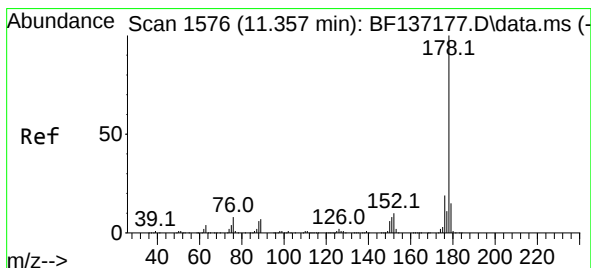
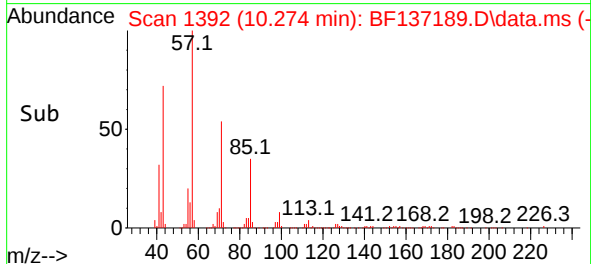
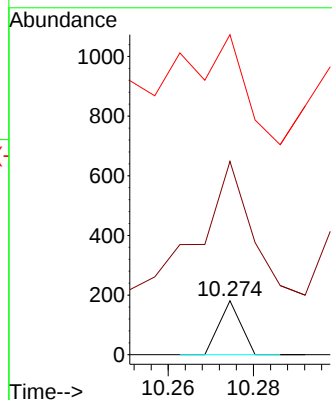
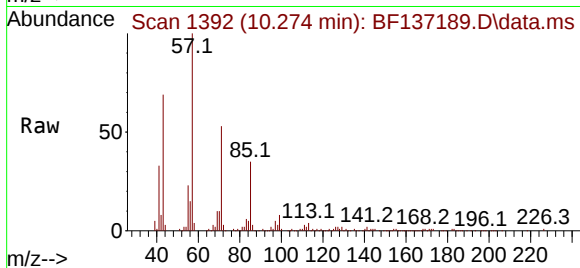
Tgt Ion:198 Resp: 64

Ion Ratio Lower Upper

198 100

51 358.0 41.6 81.6#

105 592.8 30.7 70.7#



#71

Phenanthrene

Concen: 3.408 ng

RT: 11.345 min Scan# 1574

Delta R.T. -0.012 min

Lab File: BF137189.D

Acq: 29 Jan 2024 13:52

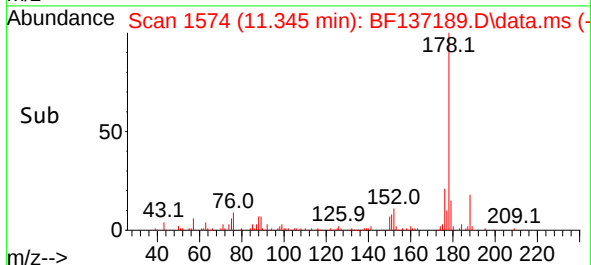
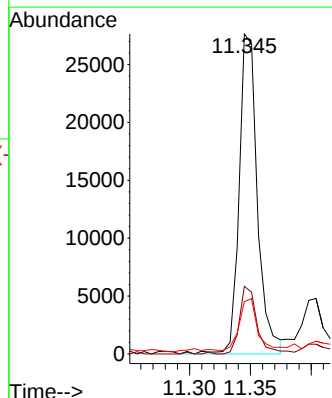
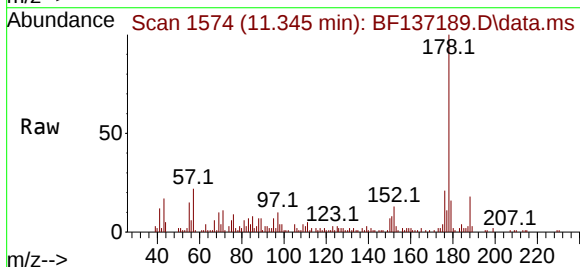
Tgt Ion:178 Resp: 28978

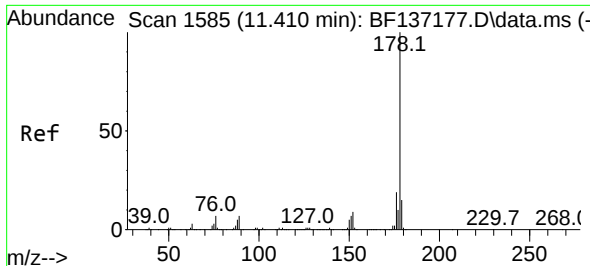
Ion Ratio Lower Upper

178 100

176 21.2 15.2 22.8

179 16.4 11.9 17.9

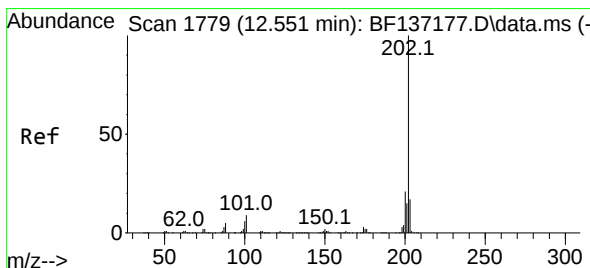
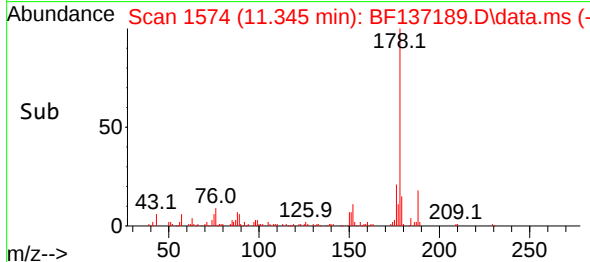
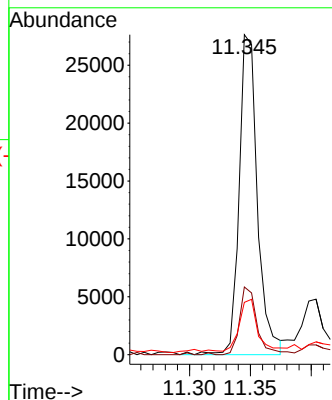
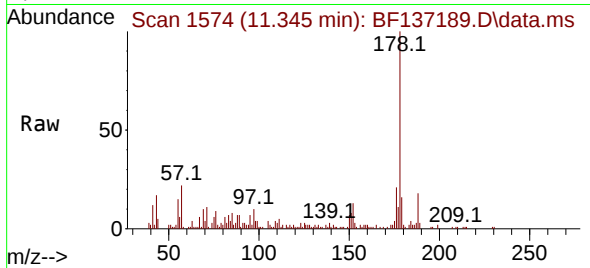




#72
 Anthracene
 Concen: 3.302 ng
 RT: 11.345 min Scan# 1778
 Delta R.T. -0.065 min
 Lab File: BF137189.D
 Acq: 29 Jan 2024 13:52

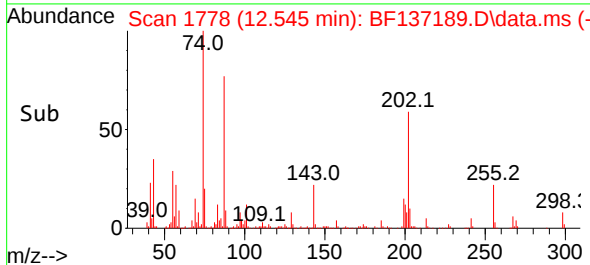
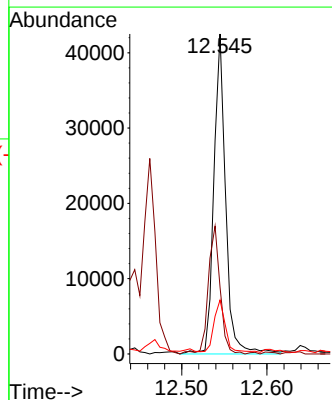
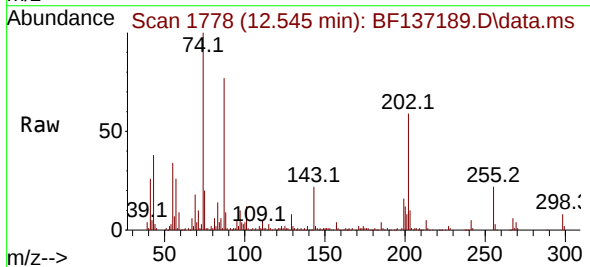
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-223DL

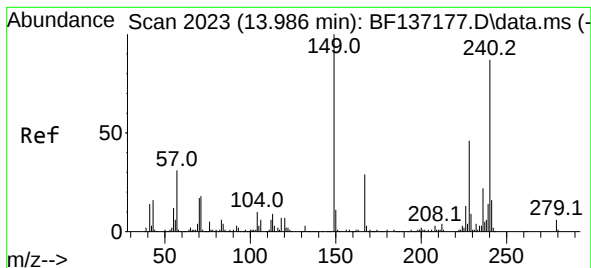
Tgt Ion:178 Resp: 28978
 Ion Ratio Lower Upper
 178 100
 176 21.2 14.9 22.3
 179 16.4 12.1 18.1



#75
 Fluoranthene
 Concen: 4.492 ng
 RT: 12.545 min Scan# 1778
 Delta R.T. -0.006 min
 Lab File: BF137189.D
 Acq: 29 Jan 2024 13:52

Tgt Ion:202 Resp: 41000
 Ion Ratio Lower Upper
 202 100
 101 20.8 0.0 28.7
 203 16.9 0.0 36.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF137189.D

Acq: 29 Jan 2024 13:52

Instrument :

BNA_F

ClientSampleId :

VNJ-223DL

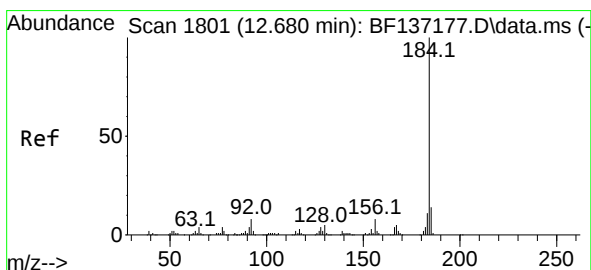
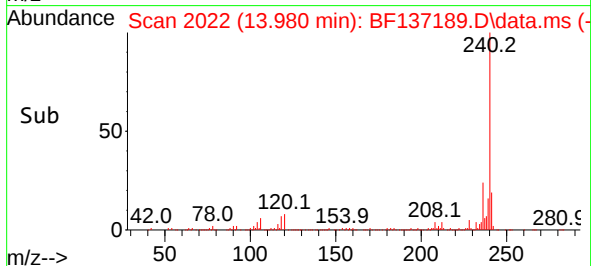
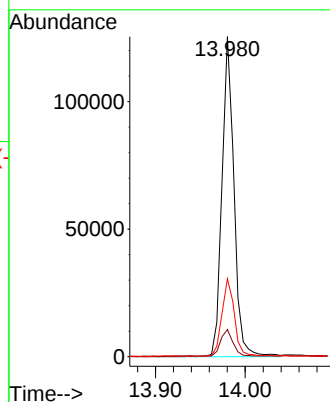
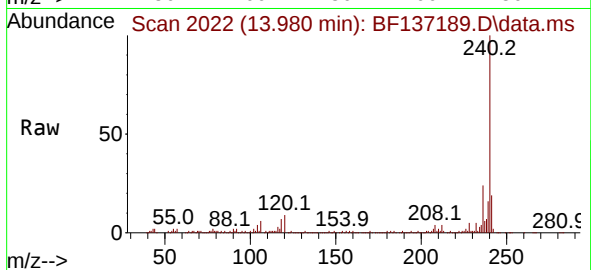
Tgt Ion:240 Resp: 116638

Ion Ratio Lower Upper

240 100

120 8.5 6.7 10.1

236 24.4 20.4 30.6



#77

Benzidine

Concen: 8.403 ng

RT: 12.698 min Scan# 1804

Delta R.T. 0.018 min

Lab File: BF137189.D

Acq: 29 Jan 2024 13:52

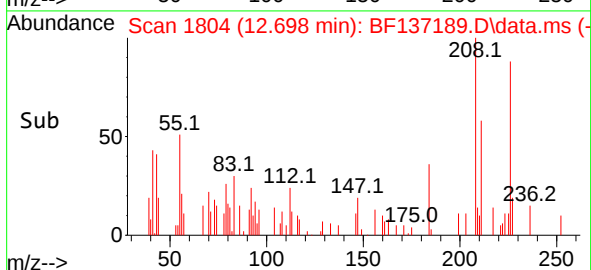
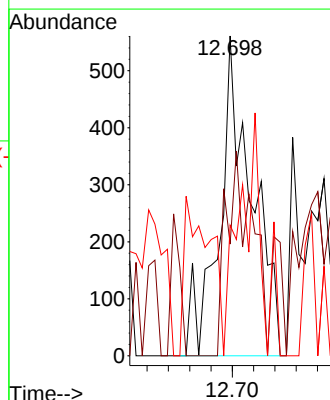
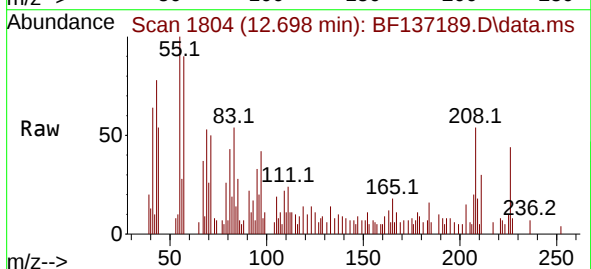
Tgt Ion:184 Resp: 1181

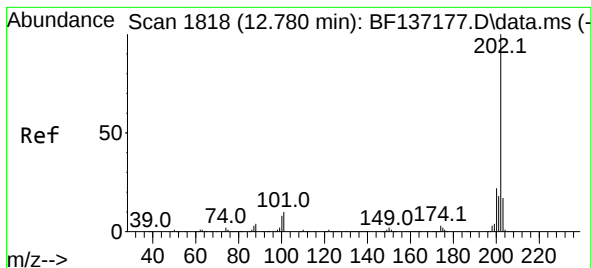
Ion Ratio Lower Upper

184 100

185 34.9 11.5 17.3#

183 40.8 9.2 13.8#





#78

Pyrene

Concen: 3.391 ng

RT: 12.774 min Scan# 1817

Delta R.T. -0.006 min

Lab File: BF137189.D

Acq: 29 Jan 2024 13:52

Instrument :

BNA_F

ClientSampleId :

VNJ-223DL

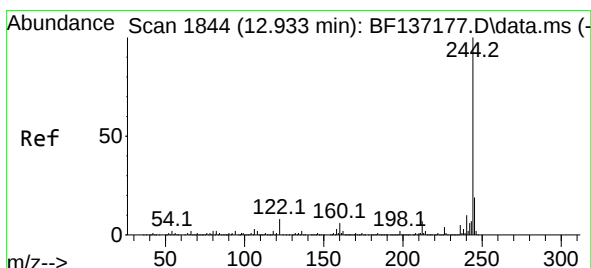
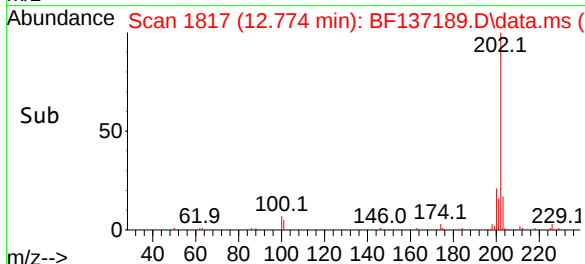
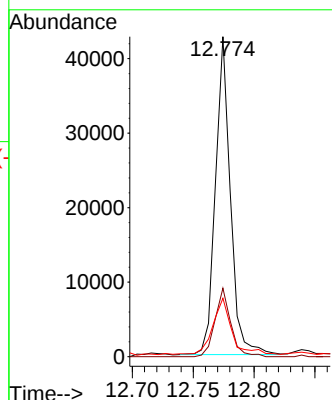
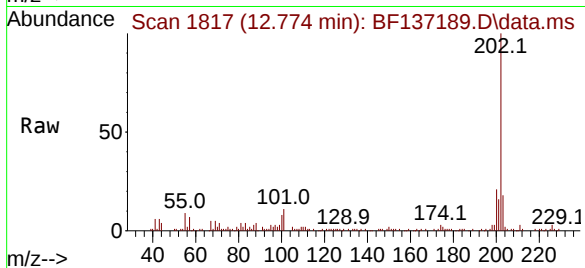
Tgt Ion:202 Resp: 36416

Ion Ratio Lower Upper

202 100

200 21.4 17.4 26.0

203 18.3 13.5 20.3



#79

Terphenyl-d14

Concen: 4.537 ng

RT: 12.927 min Scan# 1843

Delta R.T. -0.006 min

Lab File: BF137189.D

Acq: 29 Jan 2024 13:52

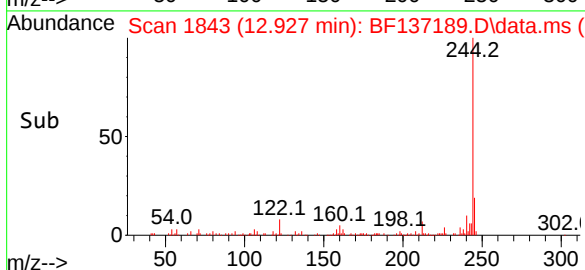
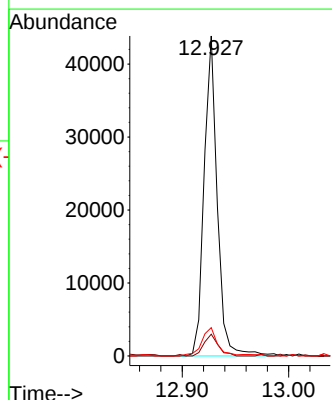
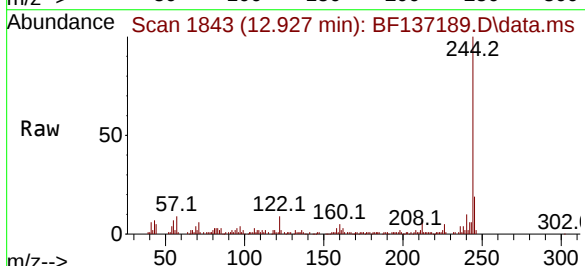
Tgt Ion:244 Resp: 37731

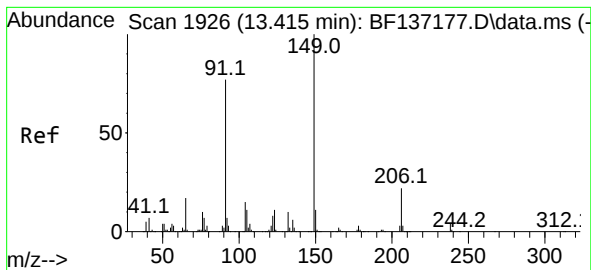
Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

122 8.9 6.6 9.8





#80

Butylbenzylphthalate

Concen: 2.780 ng

RT: 13.421 min Scan# 1926

Delta R.T. 0.006 min

Lab File: BF137189.D

Acq: 29 Jan 2024 13:52

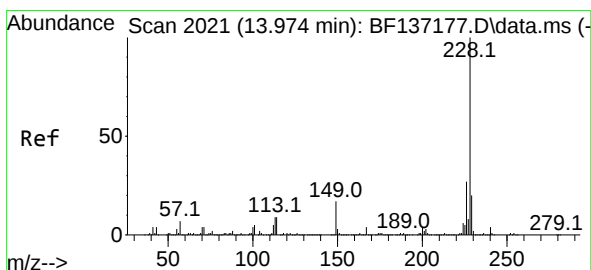
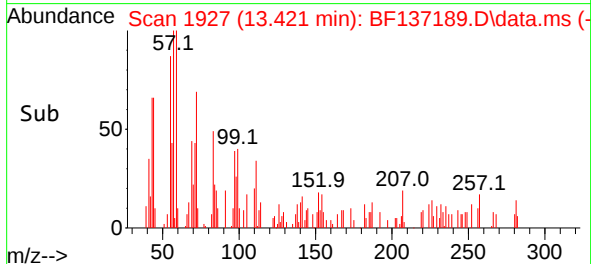
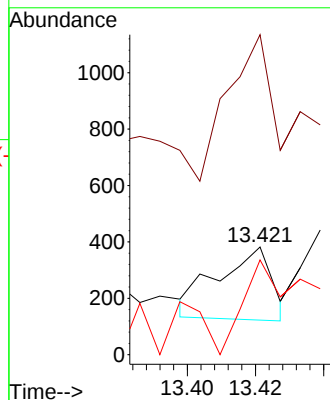
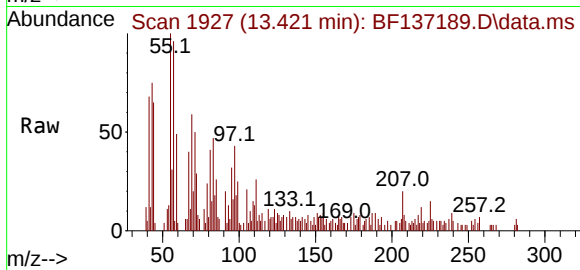
Instrument :

BNA_F

ClientSampleId :

VNJ-223DL

Tgt Ion:	149	Resp:	282
Ion Ratio	Lower	Upper	
149	100		
91	297.1	61.8	92.8#
206	88.0	17.7	26.5#



#81

Benzo(a)anthracene

Concen: 2.273 ng

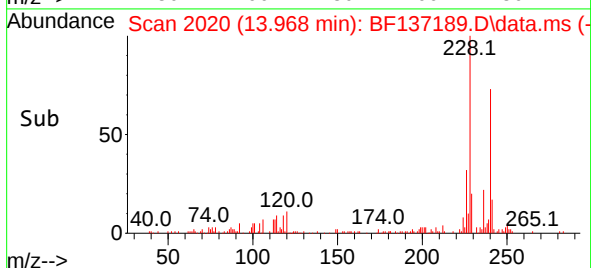
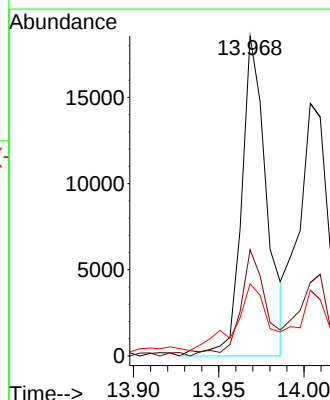
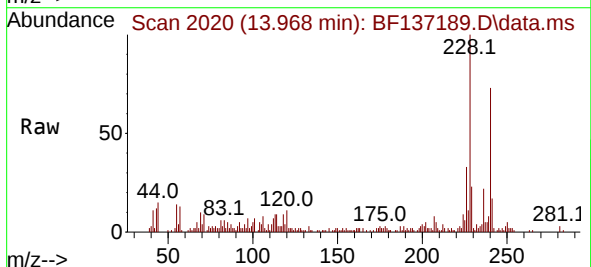
RT: 13.968 min Scan# 2020

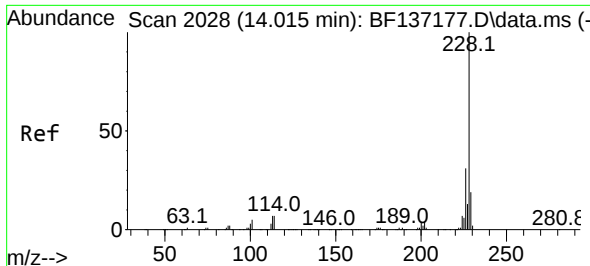
Delta R.T. -0.006 min

Lab File: BF137189.D

Acq: 29 Jan 2024 13:52

Tgt Ion:	228	Resp:	18956
Ion Ratio	Lower	Upper	
228	100		
226	33.2	21.9	32.9#
229	22.6	16.1	24.1

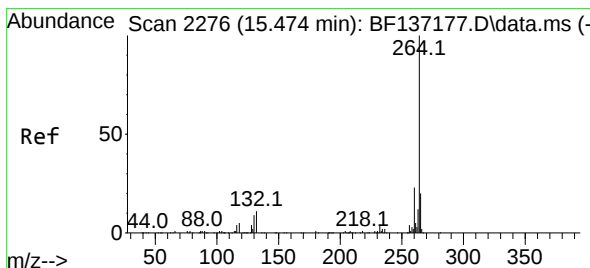
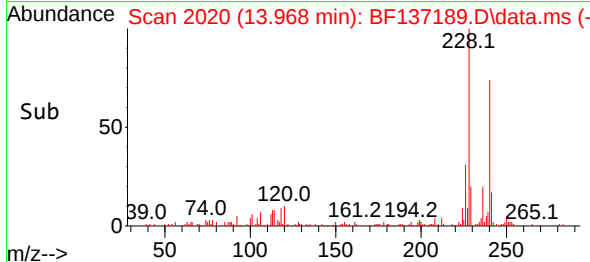
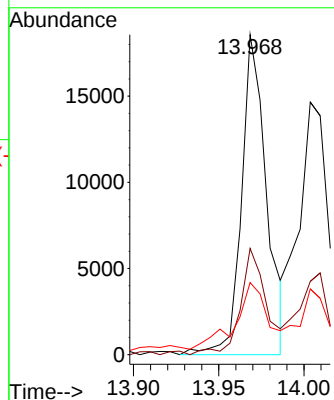
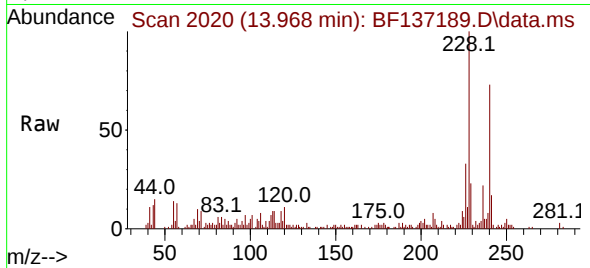




#83
Chrysene
Concen: 2.281 ng
RT: 13.968 min Scan# 2028
Delta R.T. -0.047 min
Lab File: BF137189.D
Acq: 29 Jan 2024 13:52

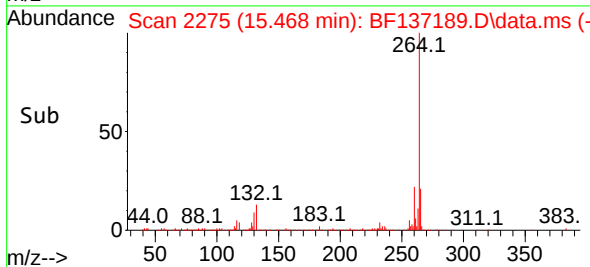
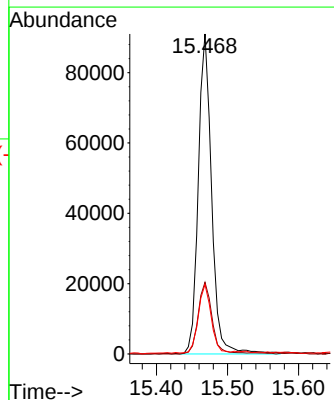
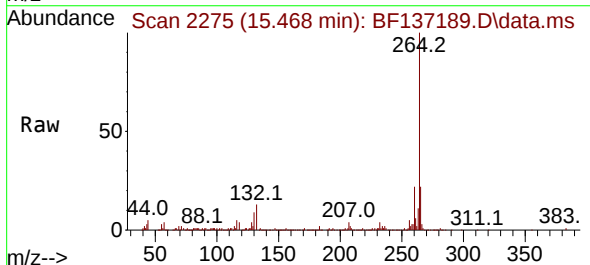
Instrument :
BNA_F
ClientSampleId :
VNJ-223DL

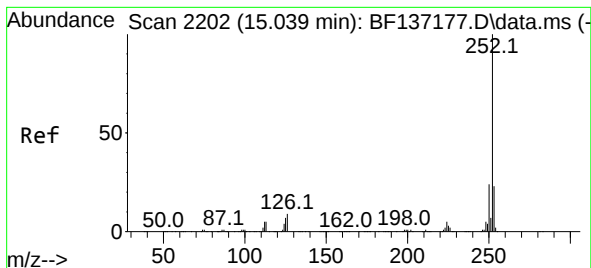
Tgt Ion:228 Resp: 18956
Ion Ratio Lower Upper
228 100
226 33.2 24.7 37.1
229 22.6 15.2 22.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 2275
Delta R.T. -0.006 min
Lab File: BF137189.D
Acq: 29 Jan 2024 13:52

Tgt Ion:264 Resp: 119437
Ion Ratio Lower Upper
264 100
260 22.4 18.2 27.4
265 21.7 16.3 24.5





#88

Benzo(b)fluoranthene

Concen: 3.713 ng

RT: 15.033 min Scan# 2201

Delta R.T. -0.006 min

Lab File: BF137189.D

Acq: 29 Jan 2024 13:52

Instrument :

BNA_F

ClientSampleId :

VNJ-223DL

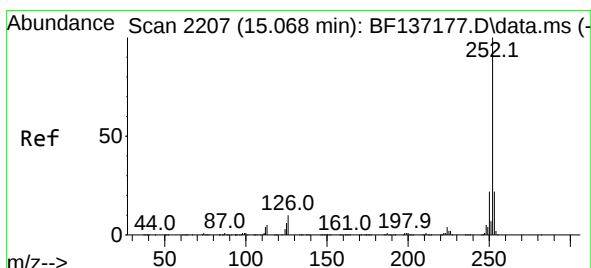
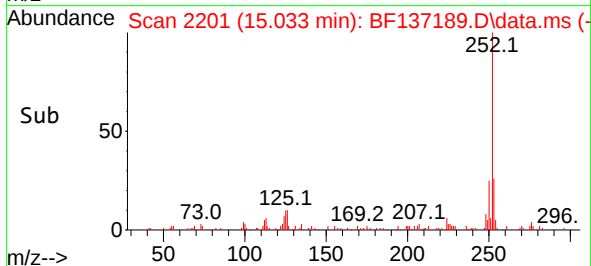
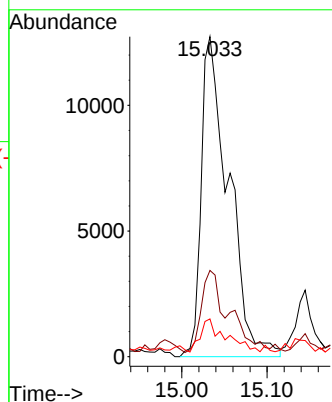
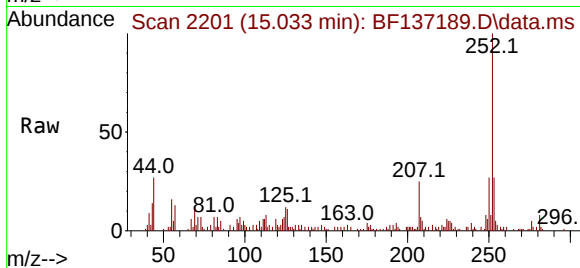
Tgt Ion:252 Resp: 28410

Ion Ratio Lower Upper

252 100

253 26.9 18.0 27.0

125 11.8 5.2 7.8#



#89

Benzo(k)fluoranthene

Concen: 3.678 ng

RT: 15.033 min Scan# 2201

Delta R.T. -0.035 min

Lab File: BF137189.D

Acq: 29 Jan 2024 13:52

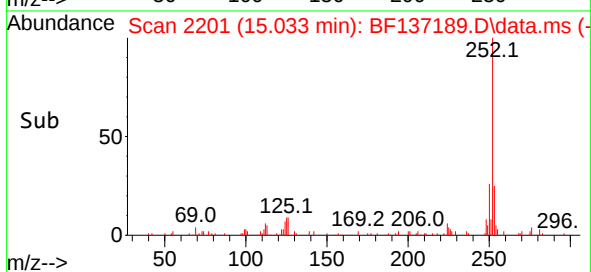
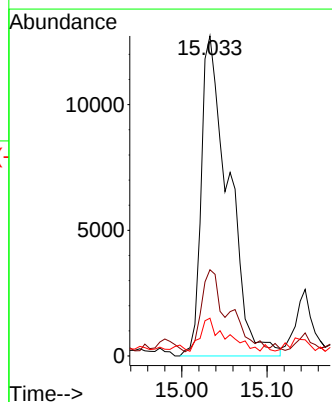
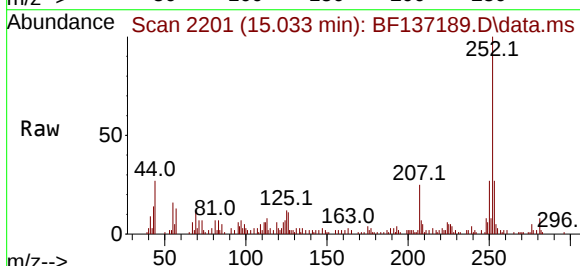
Tgt Ion:252 Resp: 28410

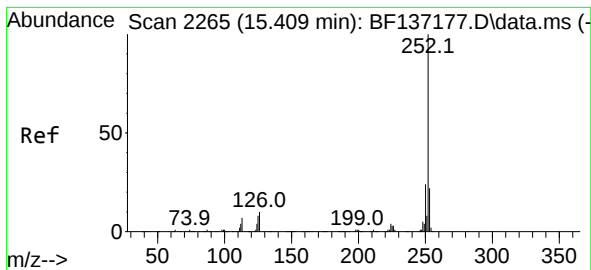
Ion Ratio Lower Upper

252 100

253 26.9 17.8 26.6#

125 11.8 5.3 7.9#





#90

Benzo(a)pyrene

Concen: 2.233 ng

RT: 15.404 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF137189.D

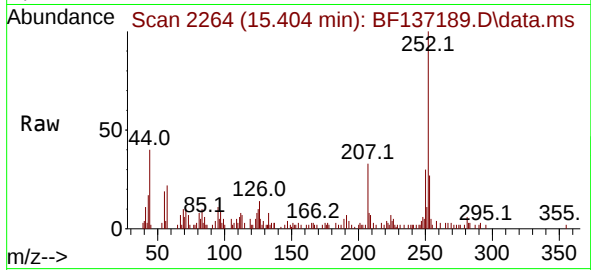
Acq: 29 Jan 2024 13:52

Instrument :

BNA_F

ClientSampleId :

VNJ-223DL



Tgt Ion:252 Resp: 15414

Ion Ratio Lower Upper

252 100

253 27.1 17.4 26.0#

125 10.0 6.2 9.4#

