

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091323\
 Data File : BF135228.D
 Acq On : 13 Sep 2023 18:09
 Operator : CG\JU
 Sample : 04363-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-227

Quant Time: Sep 13 18:34:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

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

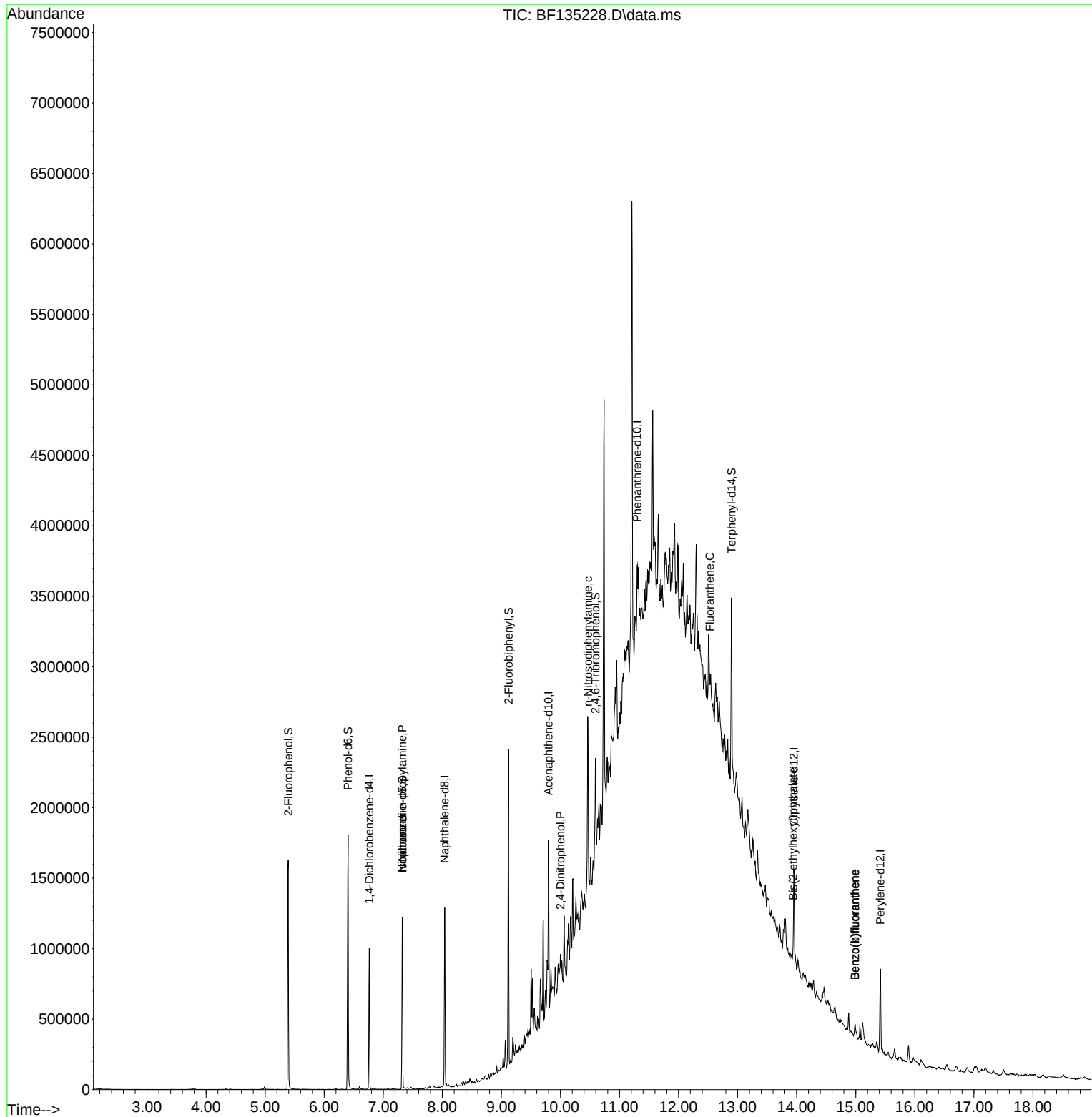
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	133969	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	505300	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	213507	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	255366	20.000	ng	# 0.00
76) Chrysene-d12	13.951	240	228699	20.000	ng	0.00
86) Perylene-d12	15.415	264	291403	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	436926	53.045	ng	0.00
7) Phenol-d6	6.404	99	568489	54.278	ng	0.00
23) Nitrobenzene-d5	7.322	82	369145	39.690	ng	-0.01
42) 2,4,6-Tribromophenol	10.592	330	102691	48.399	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	659957	46.635	ng	0.00
79) Terphenyl-d14	12.898	244	422762	28.656	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.322	70	50093	7.722	ng	# 80
25) Isophorone	7.322	82	368019	21.549	ng	# 65
54) 2,4-Dinitrophenol	9.998	184	218	6.360	ng	# 1
66) n-Nitrosodiphenylamine	10.469	169	17958	2.323	ng	# 51
75) Fluoranthene	12.527	202	39051	3.103	ng	# 88
84) Bis(2-ethylhexyl)phtha...	13.939	149	19069	2.424	ng	# 83
88) Benzo(b)fluoranthene	14.986	252	47027	2.981	ng	# 76
89) Benzo(k)fluoranthene	14.986	252	47027	3.018	ng	# 76

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

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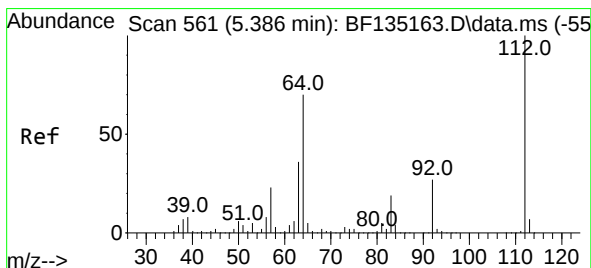
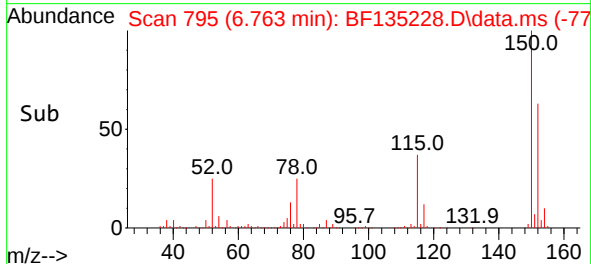
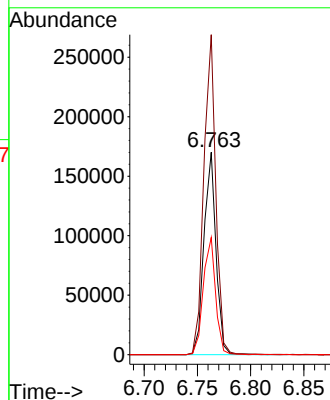
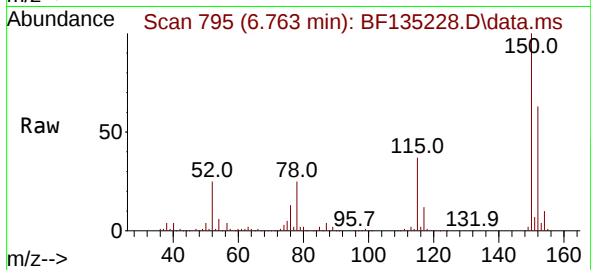




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135228.D
Acq: 13 Sep 2023 18:09

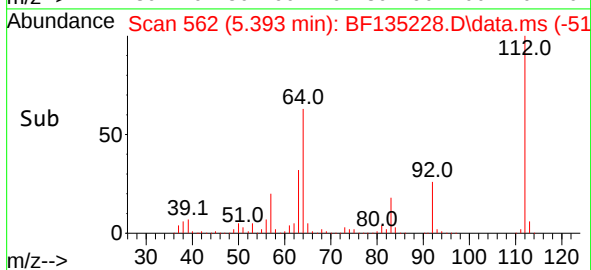
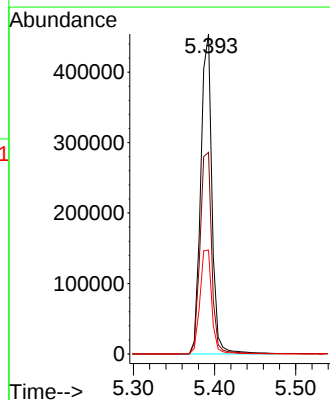
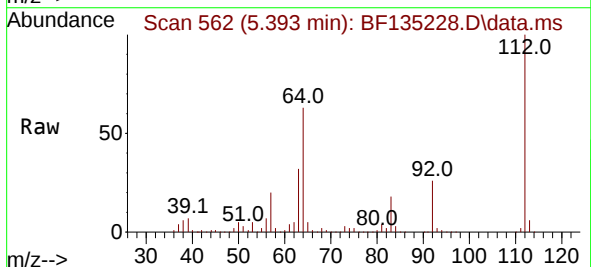
Instrument :
BNA_F
ClientSampleId :
VNJ-227

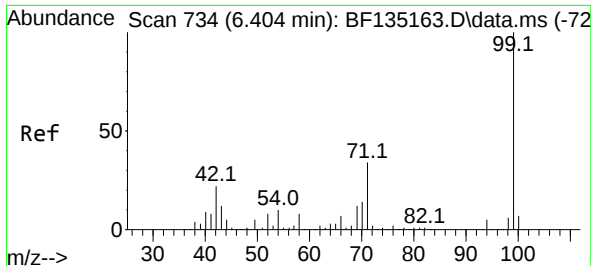
Tgt Ion:152 Resp: 133969
Ion Ratio Lower Upper
152 100
150 158.1 127.8 191.6
115 57.9 49.8 74.8



#5
2-Fluorophenol
Concen: 53.045 ng
RT: 5.393 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF135228.D
Acq: 13 Sep 2023 18:09

Tgt Ion:112 Resp: 436926
Ion Ratio Lower Upper
112 100
64 63.0 55.9 83.9
63 32.5 29.0 43.6

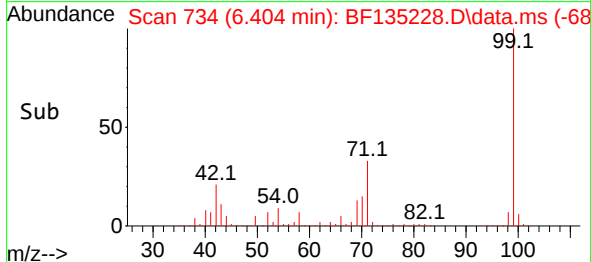
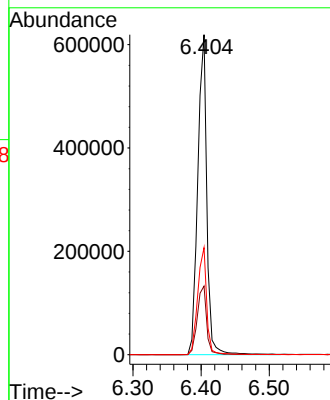
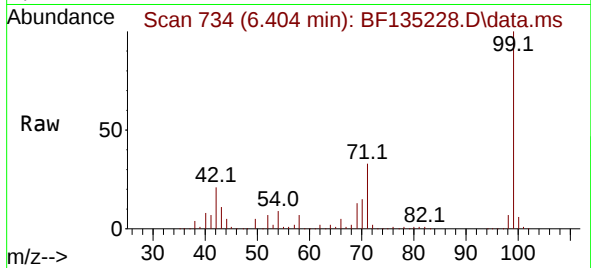




#7
Phenol-d6
Concen: 54.278 ng
RT: 6.404 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135228.D
Acq: 13 Sep 2023 18:09

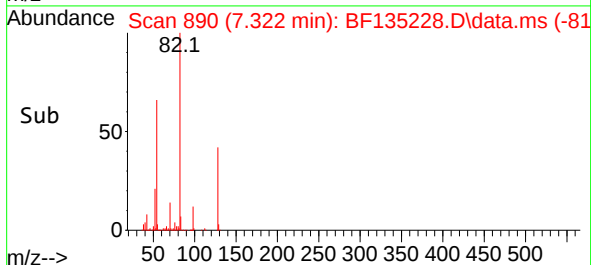
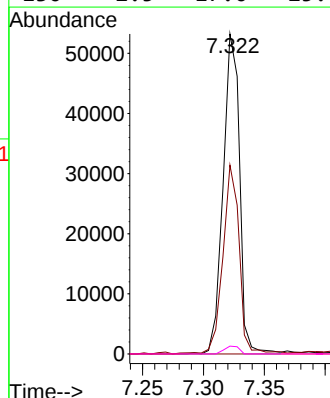
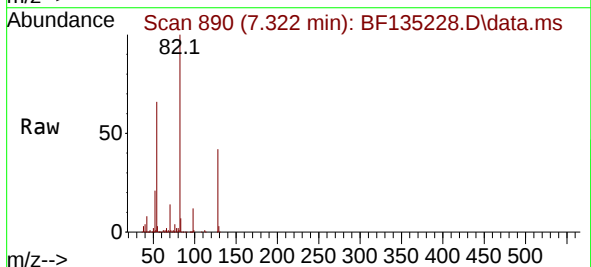
Instrument :
BNA_F
ClientSampleId :
VNJ-227

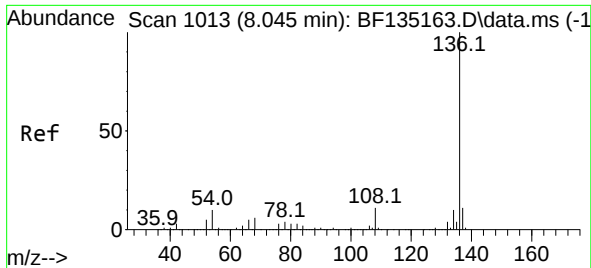
Tgt Ion: 99 Resp: 568489
Ion Ratio Lower Upper
99 100
42 21.4 17.9 26.9
71 33.4 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 7.722 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.135 min
Lab File: BF135228.D
Acq: 13 Sep 2023 18:09

Tgt Ion: 70 Resp: 50093
Ion Ratio Lower Upper
70 100
42 59.0 55.4 83.0
101 0.0 7.7 11.5#
130 2.5 17.0 25.6#

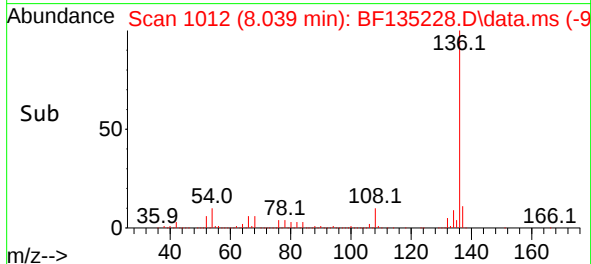
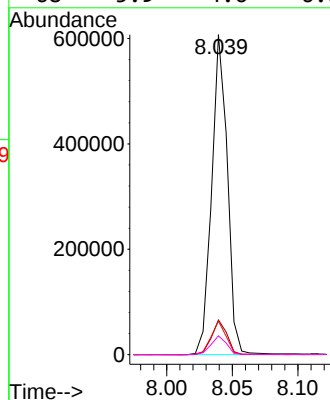
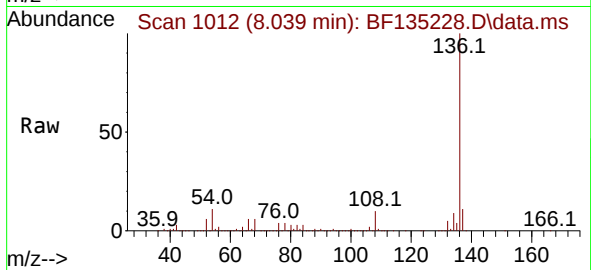




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135228.D
Acq: 13 Sep 2023 18:09

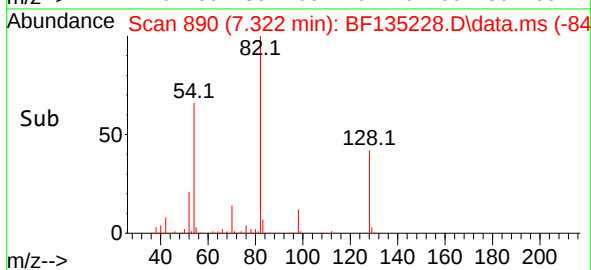
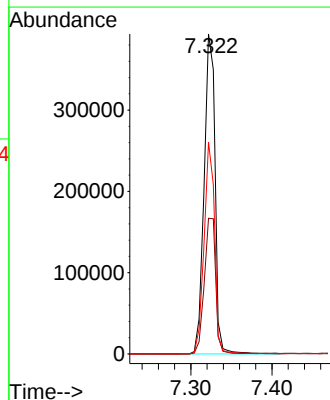
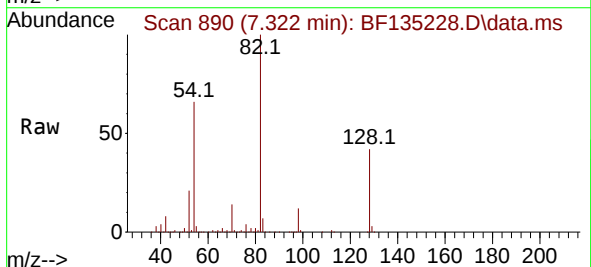
Instrument :
BNA_F
ClientSampleId :
VNJ-227

Tgt Ion:136	Resp: 505300
Ion Ratio	Lower Upper
136	100
137	10.8 8.8 13.2
54	10.5 7.7 11.5
68	5.9 4.6 6.8



#23
Nitrobenzene-d5
Concen: 39.690 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.012 min
Lab File: BF135228.D
Acq: 13 Sep 2023 18:09

Tgt Ion: 82	Resp: 369145
Ion Ratio	Lower Upper
82	100
128	42.4 35.8 53.6
54	66.2 50.6 76.0

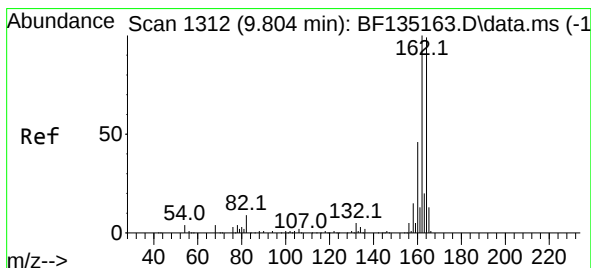
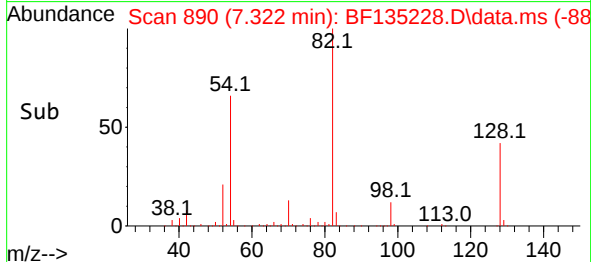
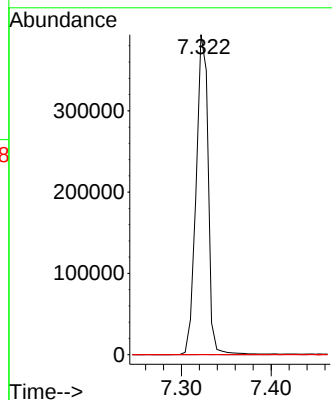
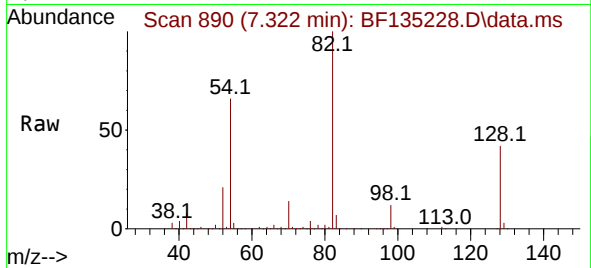




#25
Isophorone
Concen: 21.549 ng
RT: 7.322 min Scan# 89
Delta R.T. -0.270 min
Lab File: BF135228.D
Acq: 13 Sep 2023 18:09

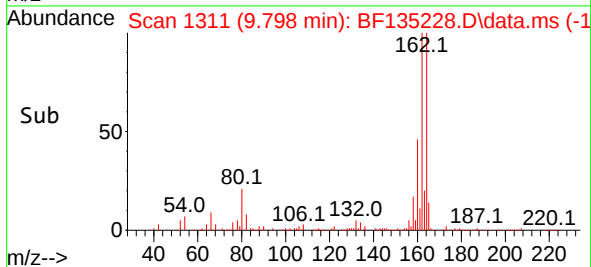
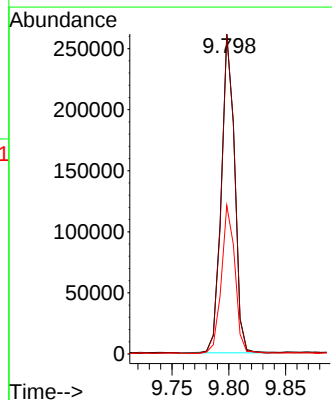
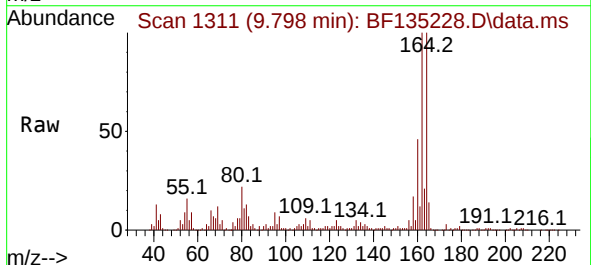
Instrument :
BNA_F
ClientSampleId :
VNJ-227

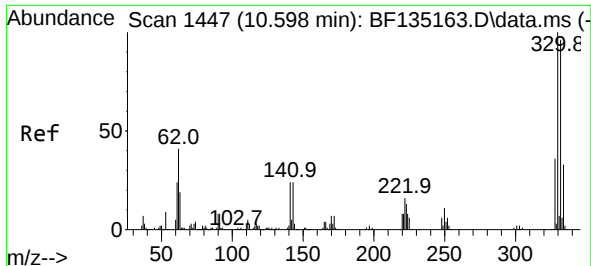
Tgt Ion: 82 Resp: 368019
Ion Ratio Lower Upper
82 100
95 0.1 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF135228.D
Acq: 13 Sep 2023 18:09

Tgt Ion: 164 Resp: 213507
Ion Ratio Lower Upper
164 100
162 100.2 81.0 121.4
160 46.5 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 48.399 ng

RT: 10.592 min Scan# 1446

Delta R.T. -0.006 min

Lab File: BF135228.D

Acq: 13 Sep 2023 18:09

Instrument :

BNA_F

ClientSampleId :

VNJ-227

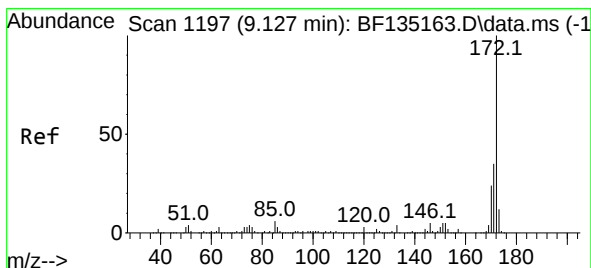
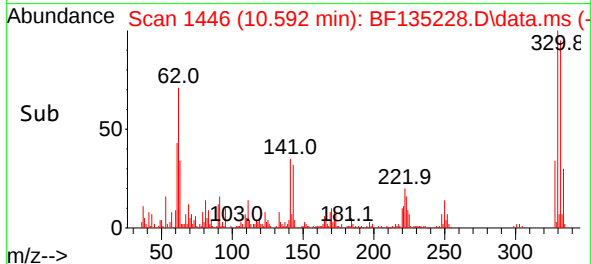
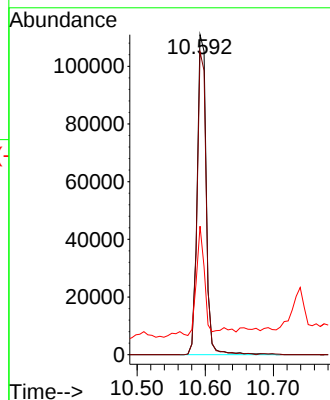
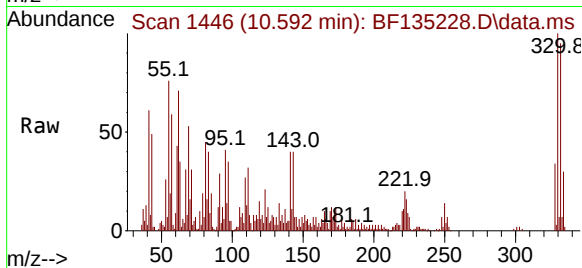
Tgt Ion:330 Resp: 102691

Ion Ratio Lower Upper

330 100

332 94.7 77.3 115.9

141 30.4 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 46.635 ng

RT: 9.122 min Scan# 1196

Delta R.T. -0.006 min

Lab File: BF135228.D

Acq: 13 Sep 2023 18:09

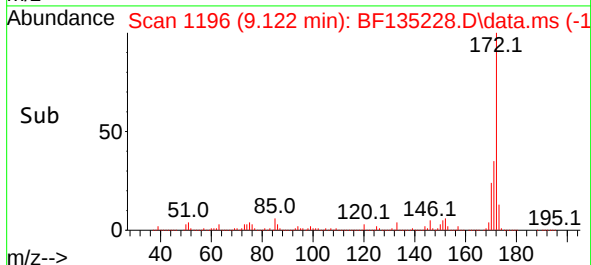
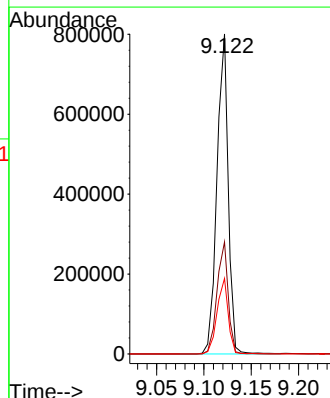
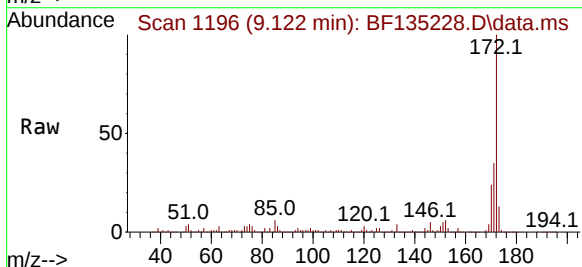
Tgt Ion:172 Resp: 659957

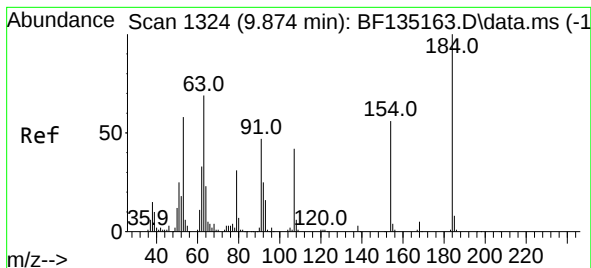
Ion Ratio Lower Upper

172 100

171 35.0 28.4 42.6

170 23.6 19.0 28.4





#54

2,4-Dinitrophenol

Concen: 6.360 ng

RT: 9.998 min Scan# 1

Delta R.T. 0.124 min

Lab File: BF135228.D

Acq: 13 Sep 2023 18:09

Instrument :

BNA_F

ClientSampleId :

VNJ-227

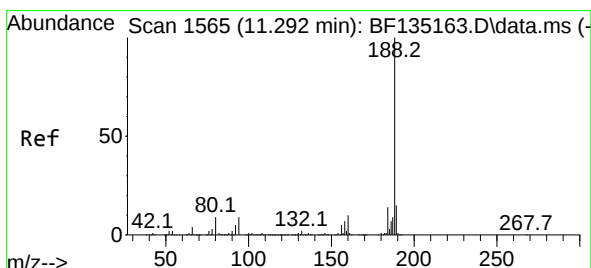
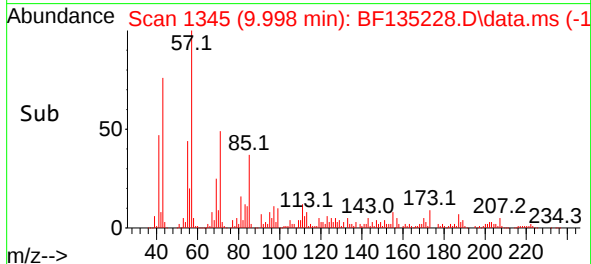
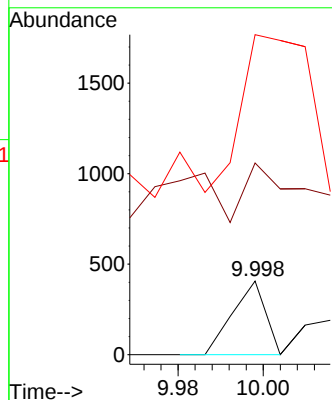
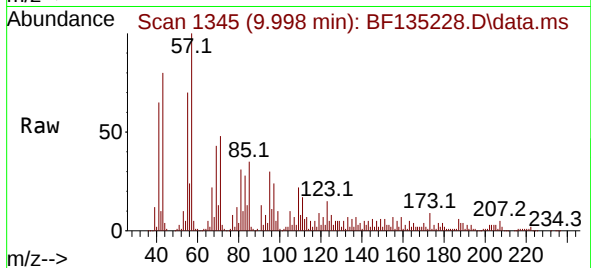
Tgt Ion:184 Resp: 218

Ion Ratio Lower Upper

184 100

63 260.2 55.1 82.7#

154 434.4 48.4 72.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.298 min Scan# 1566

Delta R.T. 0.006 min

Lab File: BF135228.D

Acq: 13 Sep 2023 18:09

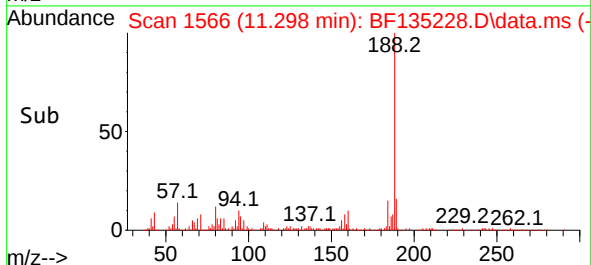
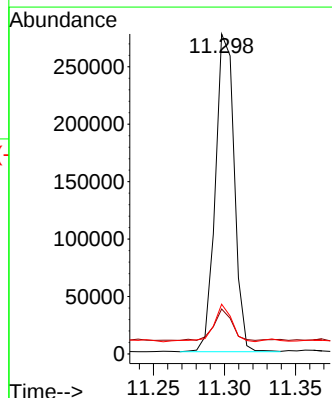
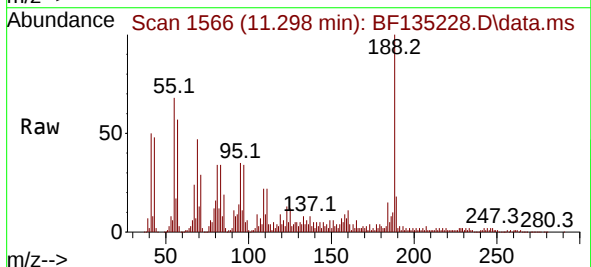
Tgt Ion:188 Resp: 255366

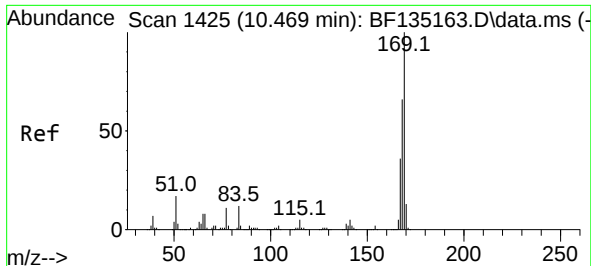
Ion Ratio Lower Upper

188 100

94 14.0 7.0 10.6#

80 15.6 7.5 11.3#

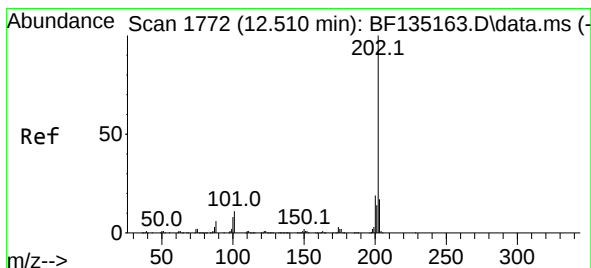
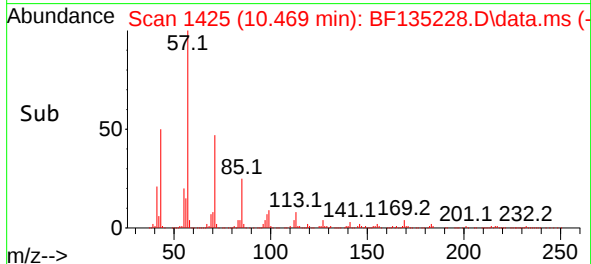
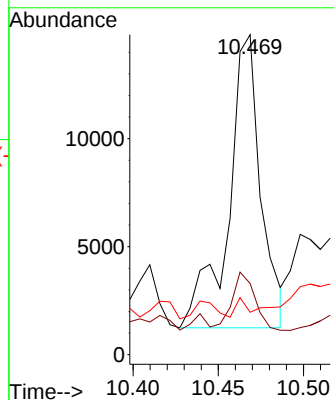
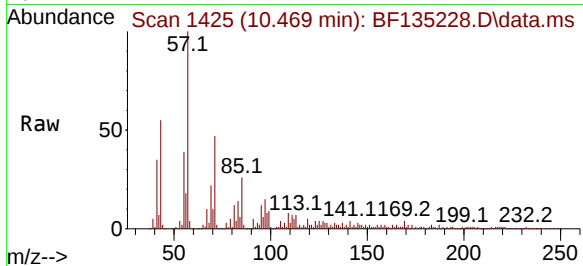




#66
n-Nitrosodiphenylamine
Concen: 2.323 ng
RT: 10.469 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF135228.D
Acq: 13 Sep 2023 18:09

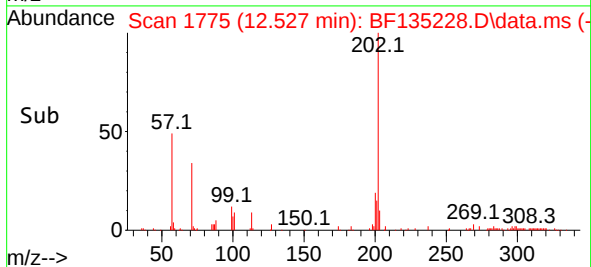
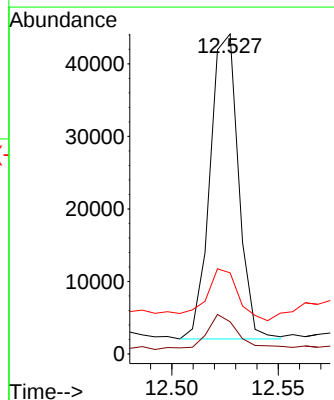
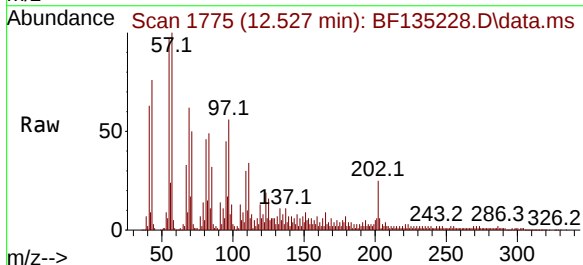
Instrument :
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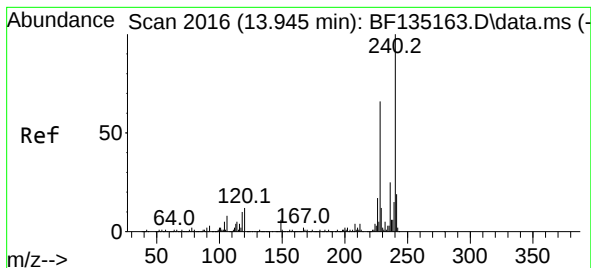
Tgt Ion:169 Resp: 17958
Ion Ratio Lower Upper
169 100
168 22.3 52.8 79.2#
167 13.3 29.0 43.6#



#75
Fluoranthene
Concen: 3.103 ng
RT: 12.527 min Scan# 1775
Delta R.T. 0.018 min
Lab File: BF135228.D
Acq: 13 Sep 2023 18:09

Tgt Ion:202 Resp: 39051
Ion Ratio Lower Upper
202 100
101 10.0 0.0 31.3
203 25.3 0.0 37.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.951 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF135228.D

Acq: 13 Sep 2023 18:09

Instrument :

BNA_F

ClientSampleId :

VNJ-227

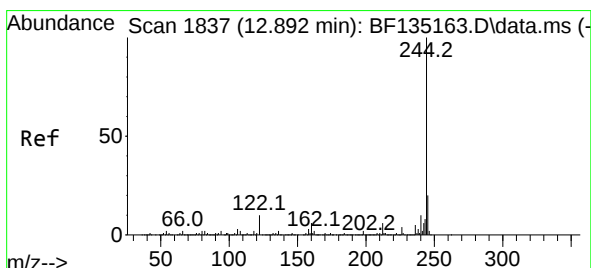
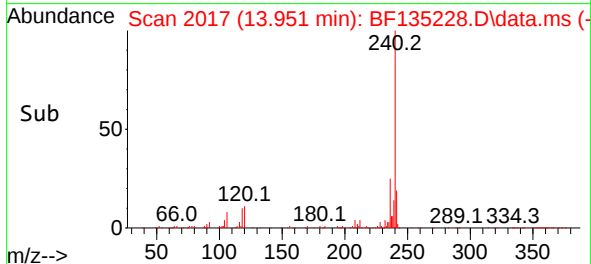
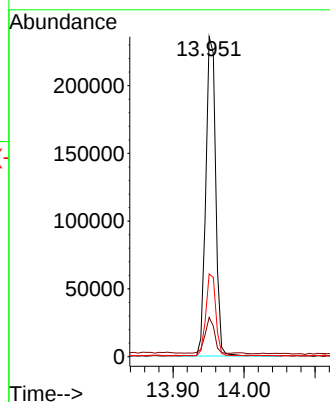
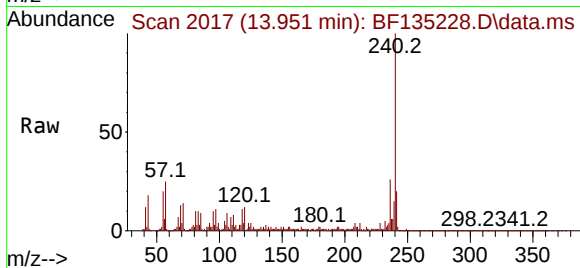
Tgt Ion:240 Resp: 228699

Ion Ratio Lower Upper

240 100

120 12.2 9.4 14.2

236 25.9 19.8 29.8



#79

Terphenyl-d14

Concen: 28.656 ng

RT: 12.898 min Scan# 1838

Delta R.T. 0.006 min

Lab File: BF135228.D

Acq: 13 Sep 2023 18:09

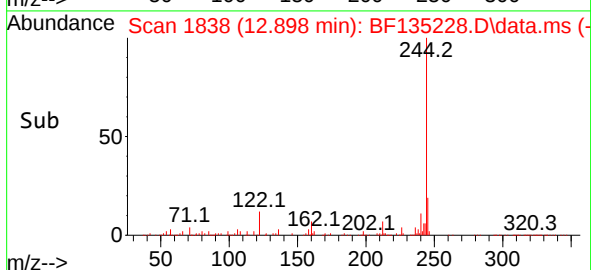
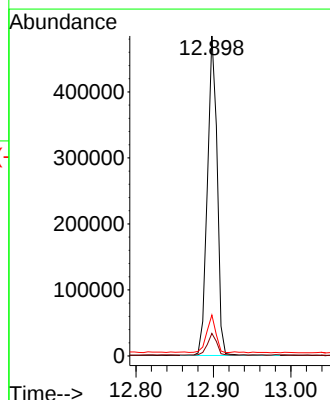
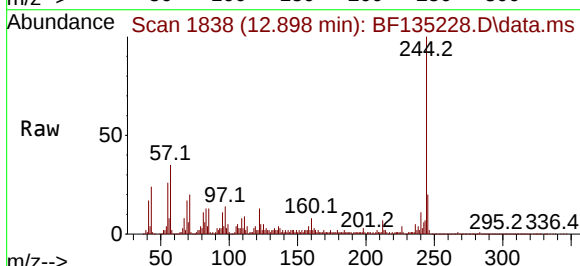
Tgt Ion:244 Resp: 422762

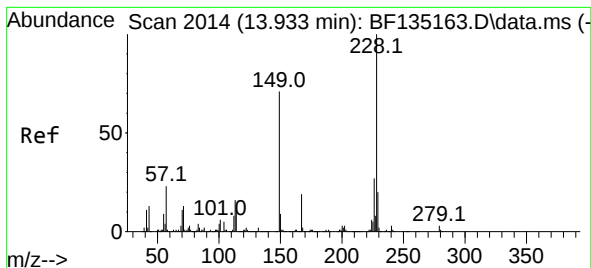
Ion Ratio Lower Upper

244 100

212 7.1 5.1 7.7

122 12.8 7.9 11.9#





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.424 ng

RT: 13.939 min Scan# 2014

Delta R.T. 0.006 min

Lab File: BF135228.D

Acq: 13 Sep 2023 18:09

Instrument :

BNA_F

ClientSampleId :

VNJ-227

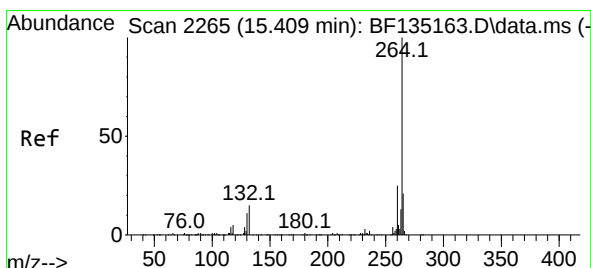
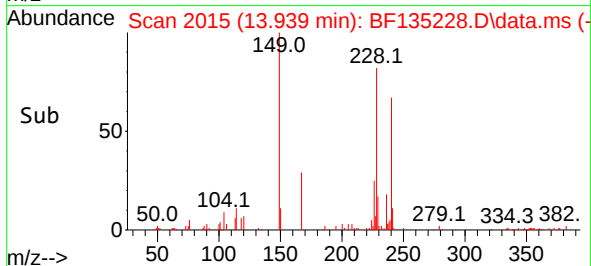
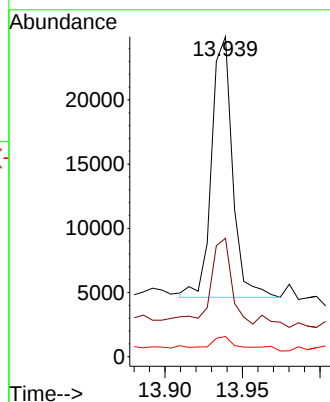
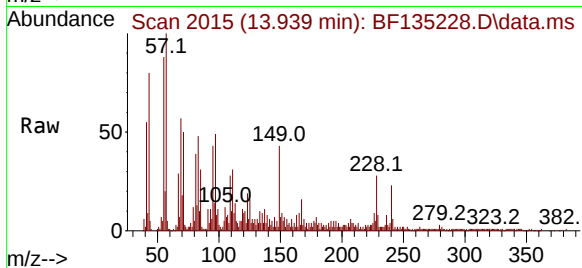
Tgt Ion:149 Resp: 19069

Ion Ratio Lower Upper

149 100

167 37.0 21.9 32.9#

279 6.3 3.3 4.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.415 min Scan# 2266

Delta R.T. 0.006 min

Lab File: BF135228.D

Acq: 13 Sep 2023 18:09

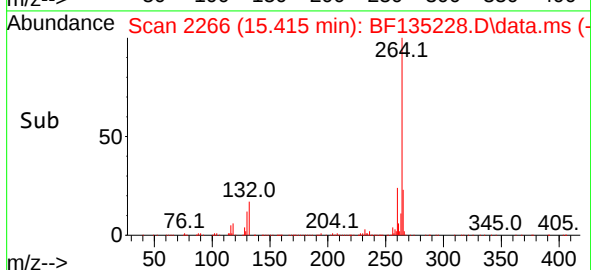
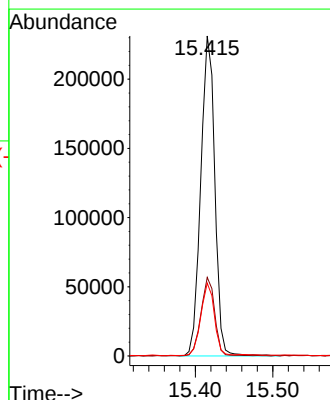
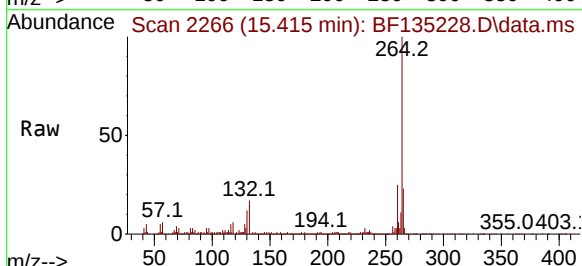
Tgt Ion:264 Resp: 291403

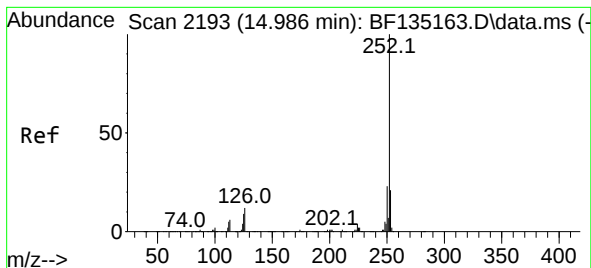
Ion Ratio Lower Upper

264 100

260 24.5 19.8 29.6

265 22.7 17.0 25.4





#88

Benzo(b)fluoranthene

Concen: 2.981 ng

RT: 14.986 min Scan# 2193

Delta R.T. 0.000 min

Lab File: BF135228.D

Acq: 13 Sep 2023 18:09

Instrument :

BNA_F

ClientSampleId :

VNJ-227

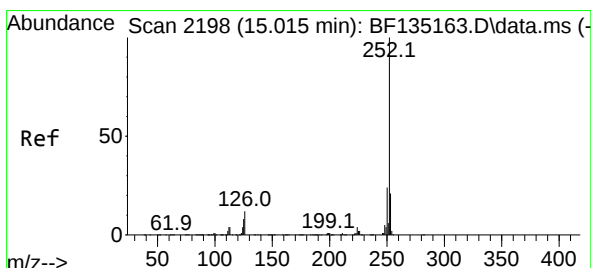
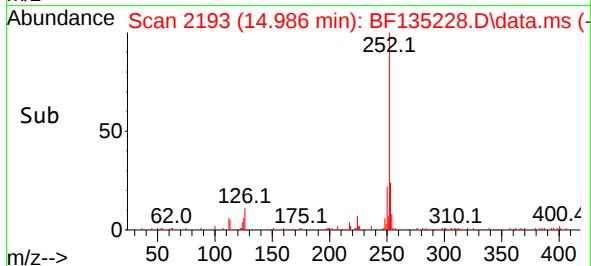
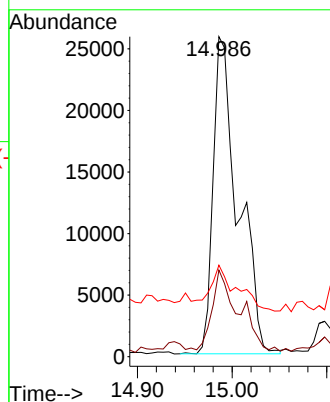
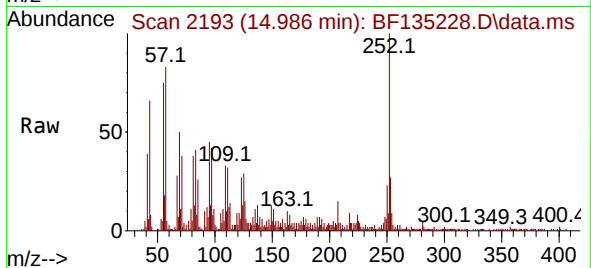
Tgt Ion:252 Resp: 47027

Ion Ratio Lower Upper

252 100

253 27.1 17.2 25.8#

125 28.6 7.1 10.7#



#89

Benzo(k)fluoranthene

Concen: 3.018 ng

RT: 14.986 min Scan# 2193

Delta R.T. -0.029 min

Lab File: BF135228.D

Acq: 13 Sep 2023 18:09

Tgt Ion:252 Resp: 47027

Ion Ratio Lower Upper

252 100

253 27.1 17.4 26.0#

125 28.6 7.2 10.8#

