

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100424\
 Data File : BF139674.D
 Acq On : 04 Oct 2024 23:07
 Operator : RC/JU
 Sample : P4276-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-208

Quant Time: Oct 05 00:43:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

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

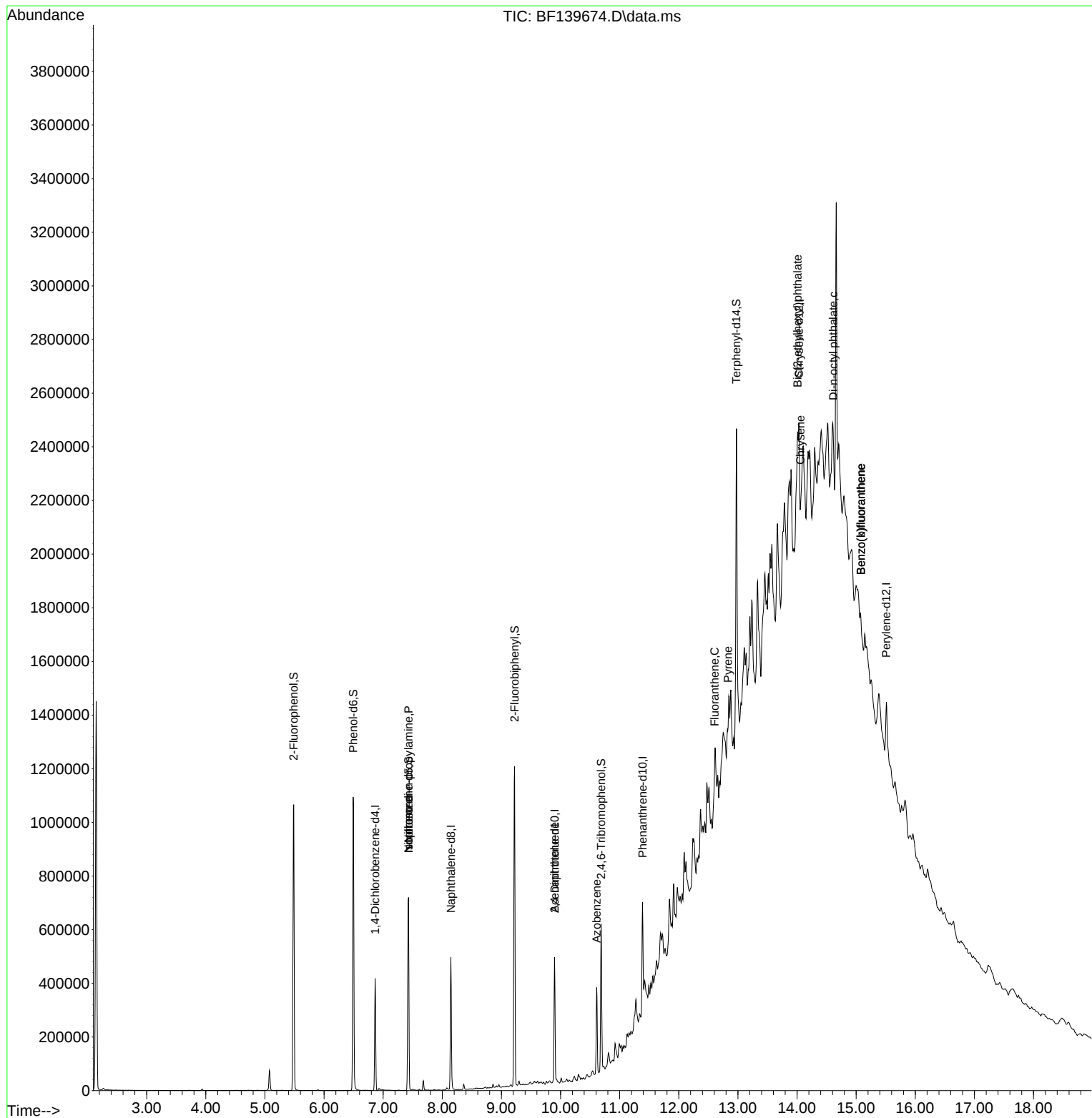
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	83069	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	283969	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	134086	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	214316	20.000	ng	0.00
76) Chrysene-d12	14.033	240	147812	20.000	ng	0.00
86) Perylene-d12	15.510	264	120429	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	374116	78.060	ng	0.00
7) Phenol-d6	6.493	99	484390	75.156	ng	-0.01
23) Nitrobenzene-d5	7.428	82	311008	55.451	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	82828	63.990	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	522177	59.785	ng	0.00
79) Terphenyl-d14	12.974	244	443205	49.199	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	41678	10.058	ng	# 77
25) Isophorone	7.428	82	308430	30.962	ng	# 66
57) 2,4-Dinitrotoluene	9.898	165	16755	6.465	ng	# 17
63) Azobenzene	10.610	77	82825	9.084	ng	# 1
75) Fluoranthene	12.604	202	41082	3.719	ng	92
78) Pyrene	12.833	202	34723	2.627	ng	# 89
83) Chrysene	14.057	228	21597	2.431	ng	# 91
84) Bis(2-ethylhexyl)phtha...	14.010	149	94580	16.018	ng	98
85) Di-n-octyl phthalate	14.616	149	65153	7.511	ng	# 1
88) Benzo(b)fluoranthene	15.080	252	39182	5.032	ng	# 1
89) Benzo(k)fluoranthene	15.080	252	39182	5.932	ng	# 1

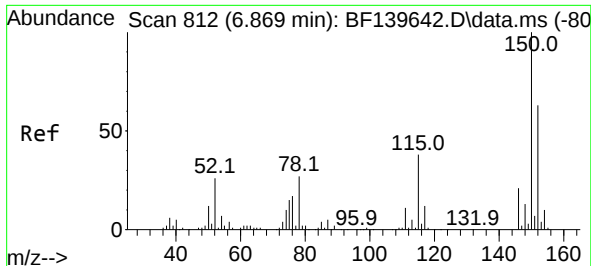
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100424\
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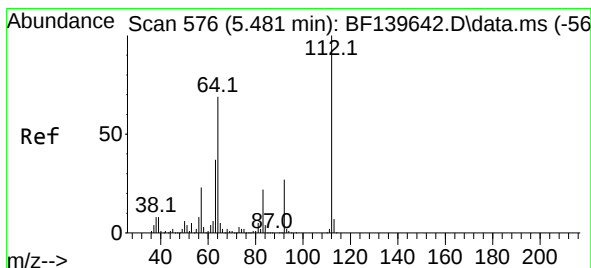
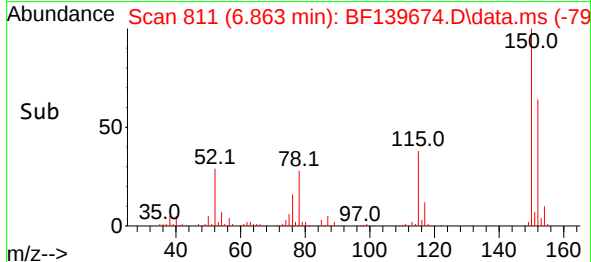
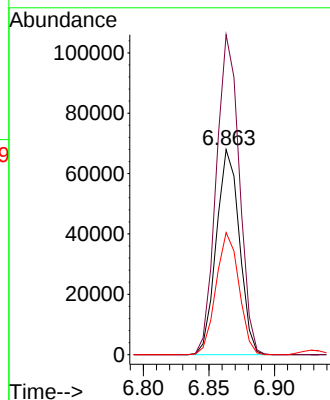
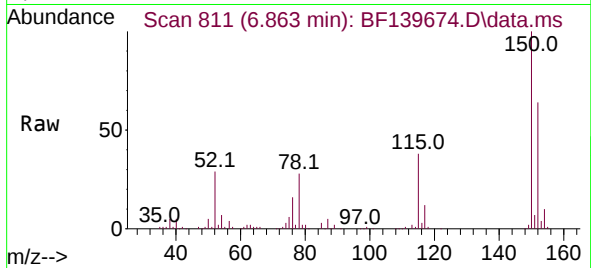




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF139674.D
Acq: 04 Oct 2024 23:07

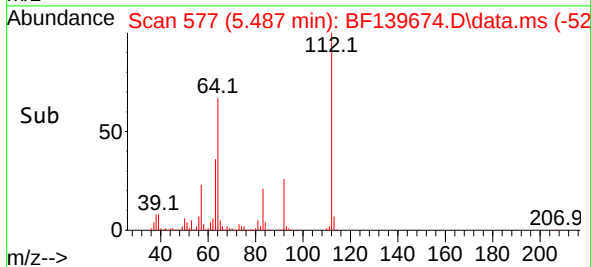
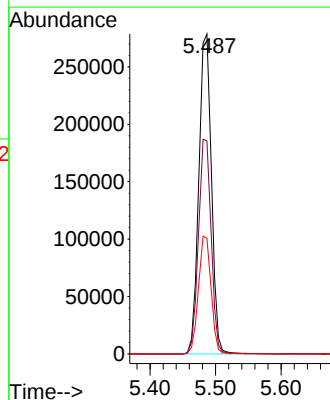
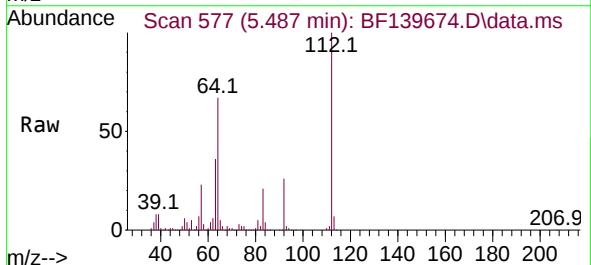
Instrument :
BNA_F
ClientSampleId :
VNJ-208

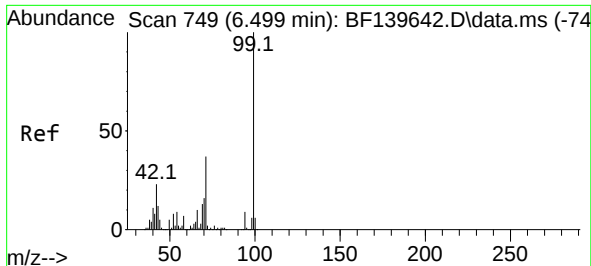
Tgt Ion:152 Resp: 83069
Ion Ratio Lower Upper
152 100
150 156.0 127.2 190.8
115 59.5 49.0 73.4



#5
2-Fluorophenol
Concen: 78.060 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF139674.D
Acq: 04 Oct 2024 23:07

Tgt Ion:112 Resp: 374116
Ion Ratio Lower Upper
112 100
64 66.6 54.2 81.4
63 36.2 29.4 44.2





#7
Phenol-d6
Concen: 75.156 ng
RT: 6.493 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF139674.D
Acq: 04 Oct 2024 23:07

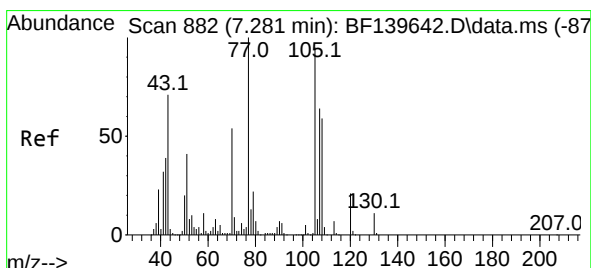
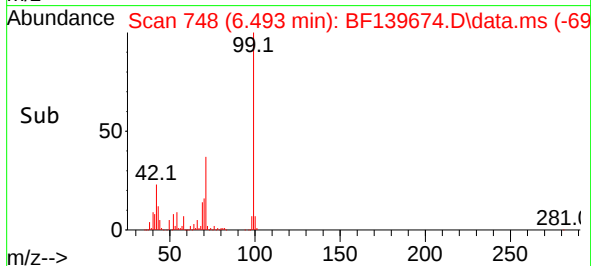
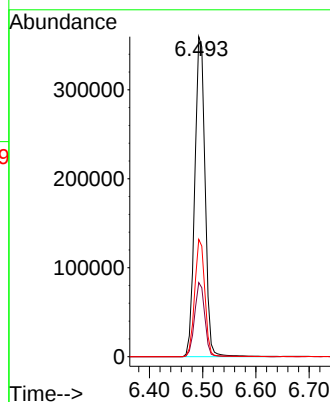
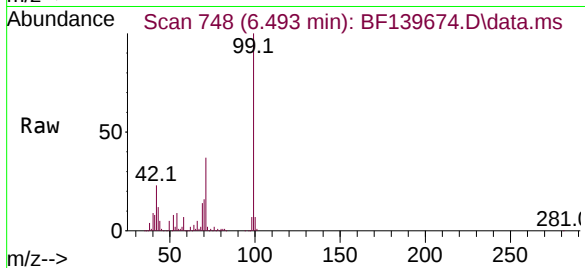
Instrument :

BNA_F

ClientSampleId :

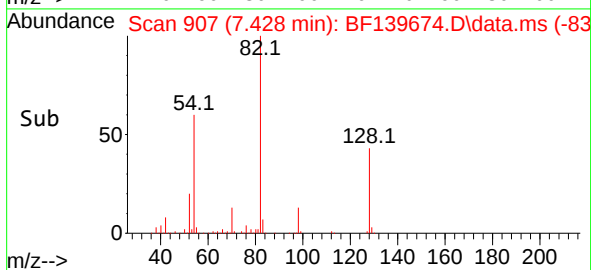
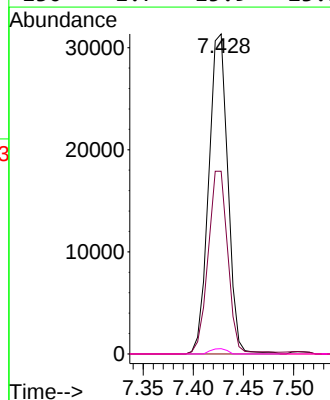
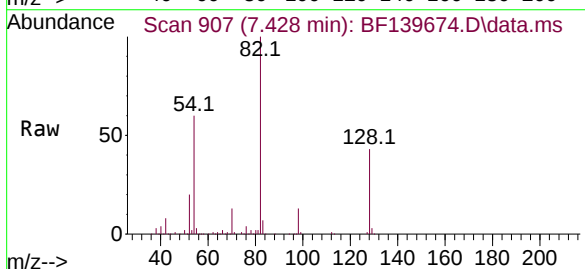
VNJ-208

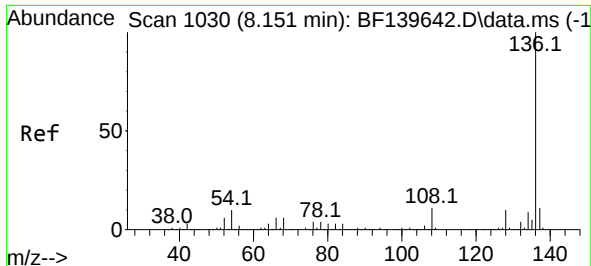
Tgt Ion: 99 Resp: 484390
Ion Ratio Lower Upper
99 100
42 23.1 19.1 28.7
71 36.6 29.7 44.5



#19
n-Nitroso-di-n-propylamine
Concen: 10.058 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF139674.D
Acq: 04 Oct 2024 23:07

Tgt Ion: 70 Resp: 41678
Ion Ratio Lower Upper
70 100
42 57.1 58.0 87.0#
101 0.0 7.8 11.8#
130 1.7 15.9 23.9#

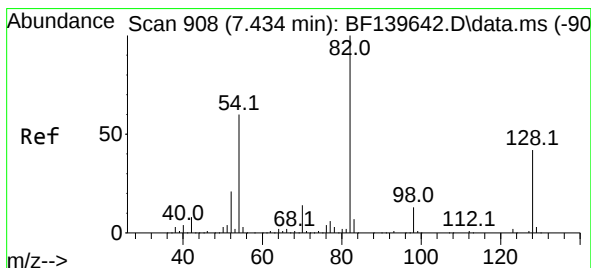
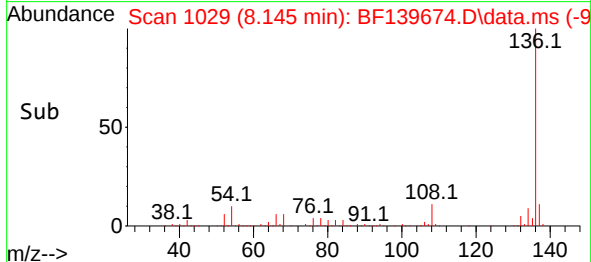
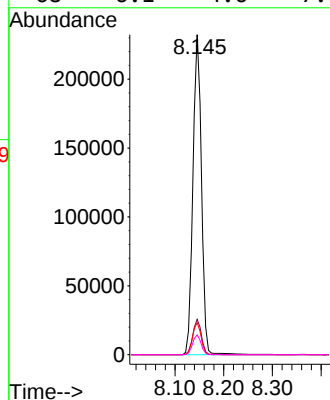
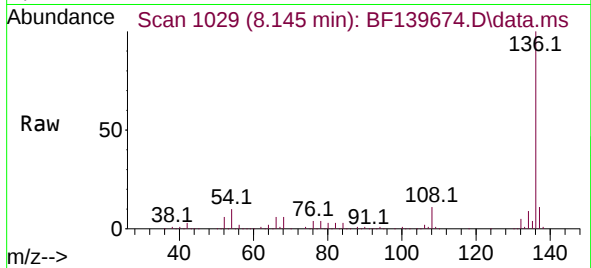




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF139674.D
Acq: 04 Oct 2024 23:07

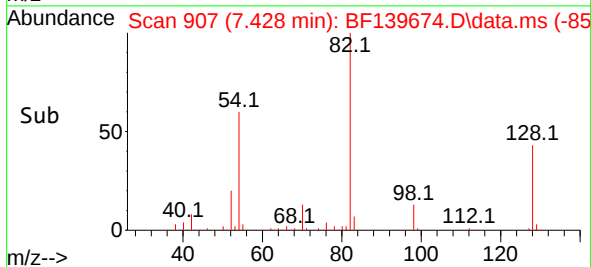
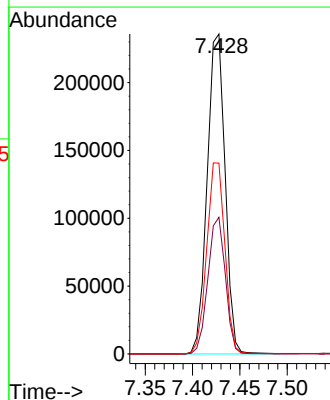
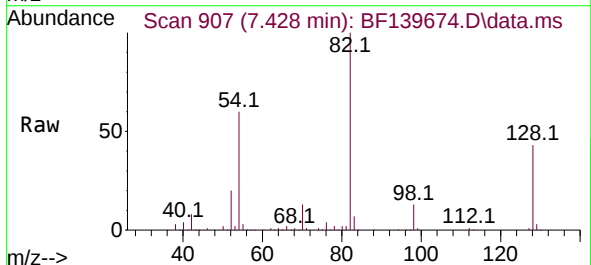
Instrument :
BNA_F
ClientSampleId :
VNJ-208

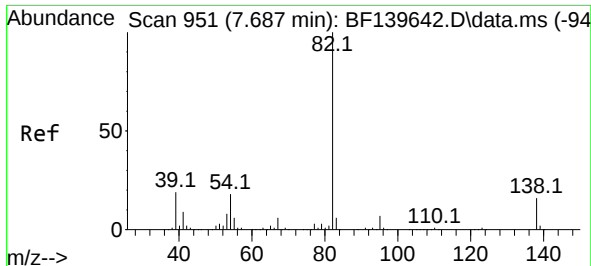
Tgt Ion:136 Resp: 283969
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 10.0 8.3 12.5
68 6.1 4.6 7.0



#23
Nitrobenzene-d5
Concen: 55.451 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF139674.D
Acq: 04 Oct 2024 23:07

Tgt Ion: 82 Resp: 311008
Ion Ratio Lower Upper
82 100
128 42.7 32.4 48.6
54 59.6 49.1 73.7

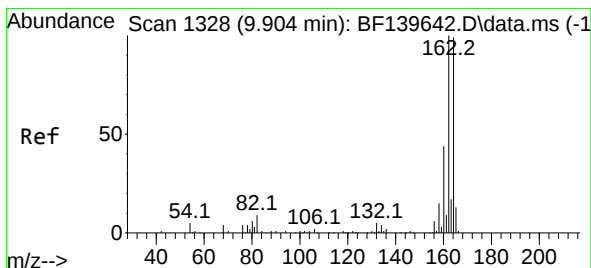
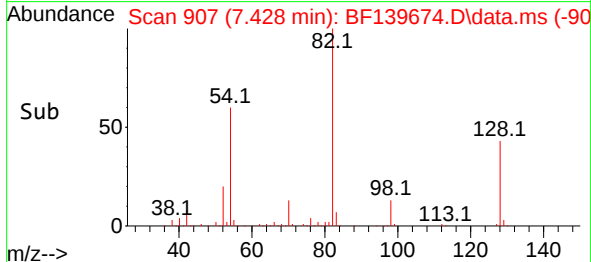
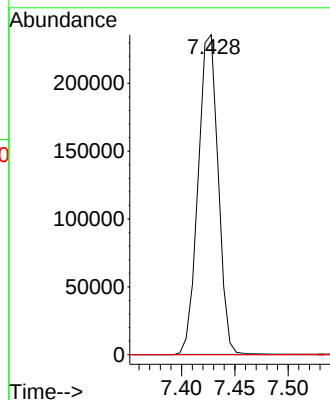
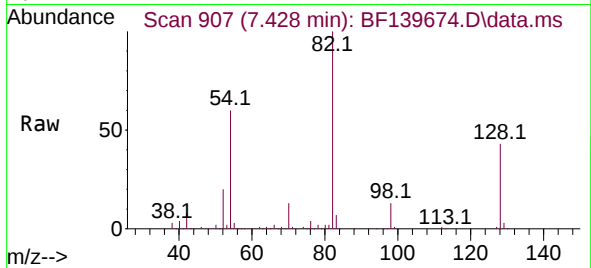




#25
Isophorone
Concen: 30.962 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF139674.D
Acq: 04 Oct 2024 23:07

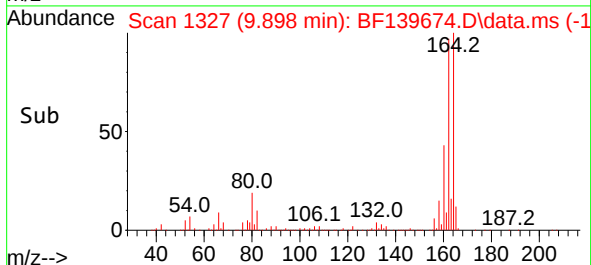
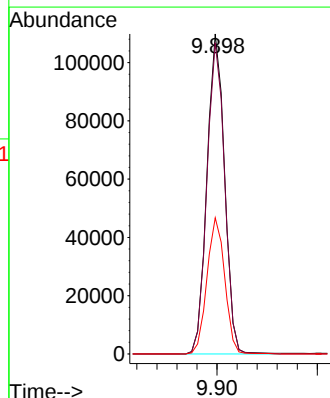
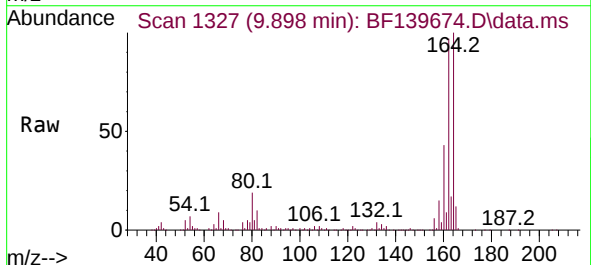
Instrument :
BNA_F
ClientSampleId :
VNJ-208

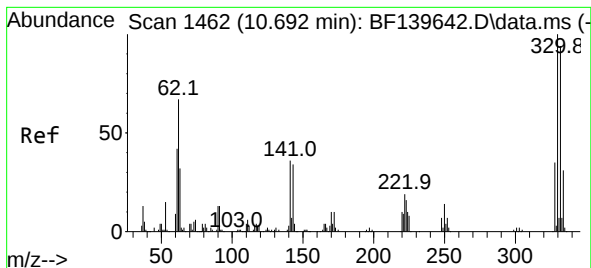
Tgt Ion: 82 Resp: 308430
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.012 min
Lab File: BF139674.D
Acq: 04 Oct 2024 23:07

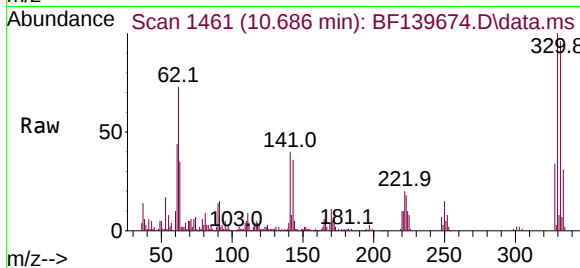
Tgt Ion: 164 Resp: 134086
Ion Ratio Lower Upper
164 100
162 97.3 79.4 119.0
160 42.6 35.1 52.7



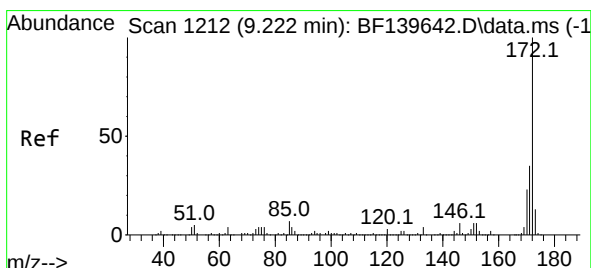
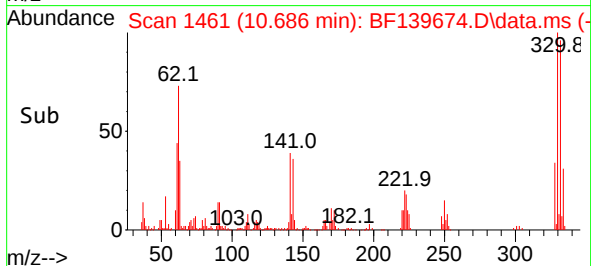
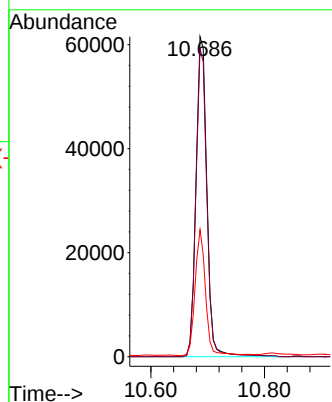


#42
2,4,6-Tribromophenol
Concen: 63.990 ng
RT: 10.686 min Scan# 1461
Delta R.T. -0.012 min
Lab File: BF139674.D
Acq: 04 Oct 2024 23:07

Instrument :
BNA_F
ClientSampleId :
VNJ-208

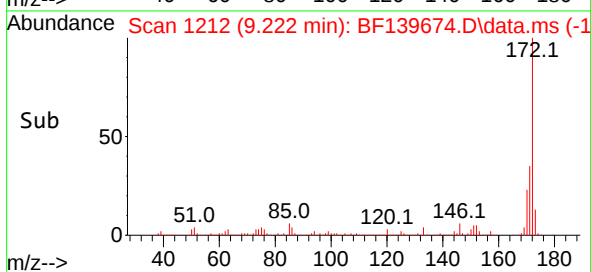
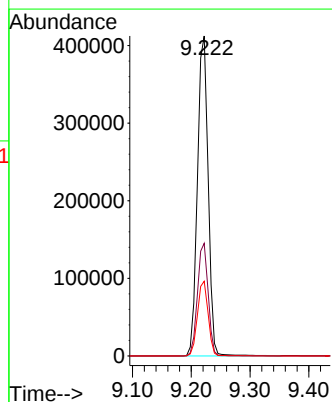
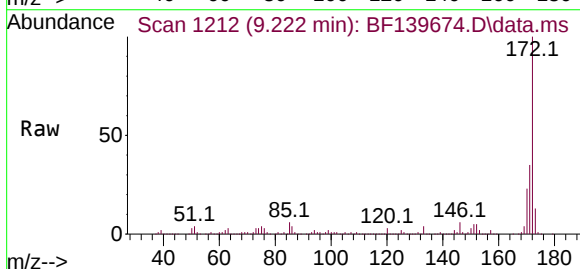


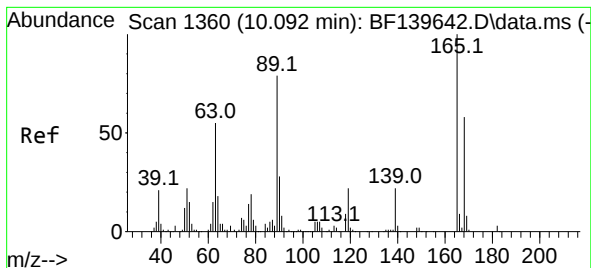
Tgt Ion: 330 Resp: 82828
Ion Ratio Lower Upper
330 100
332 96.2 76.5 114.7
141 37.8 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 59.785 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF139674.D
Acq: 04 Oct 2024 23:07

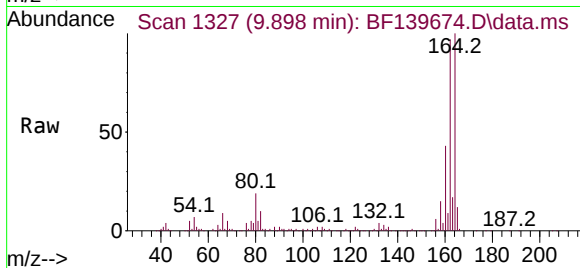
Tgt Ion: 172 Resp: 522177
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.4
170 23.3 18.8 28.2



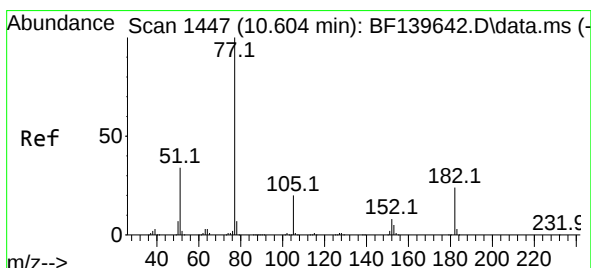
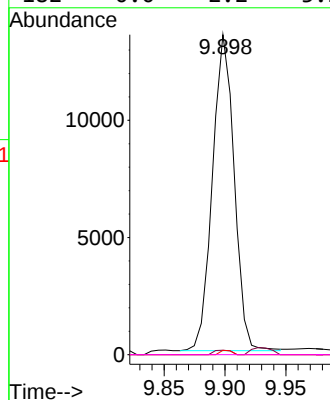
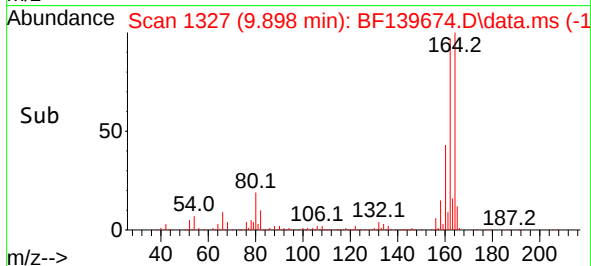


#57
2,4-Dinitrotoluene
Concen: 6.465 ng
RT: 9.898 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF139674.D
Acq: 04 Oct 2024 23:07

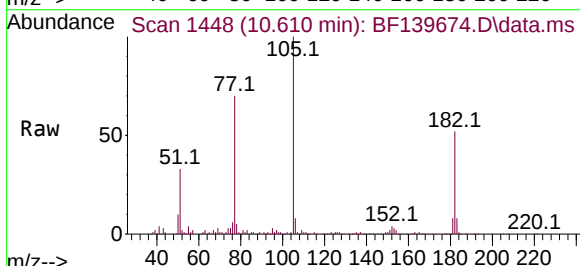
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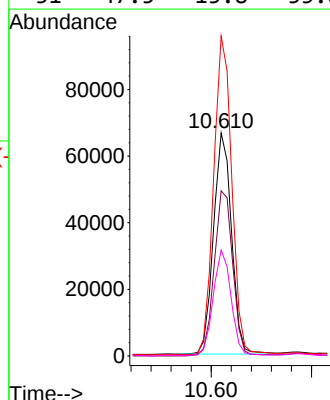
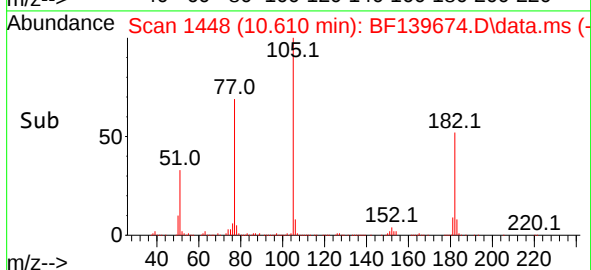
Tgt Ion:165 Resp: 16755
Ion Ratio Lower Upper
165 100
63 1.4 46.9 70.3#
89 1.4 64.4 96.6#
182 0.0 2.2 3.2#

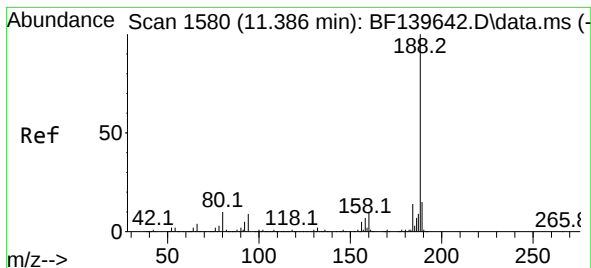


#63
Azobenzene
Concen: 9.084 ng
RT: 10.610 min Scan# 1448
Delta R.T. -0.000 min
Lab File: BF139674.D
Acq: 04 Oct 2024 23:07



Tgt Ion: 77 Resp: 82825
Ion Ratio Lower Upper
77 100
182 74.0 4.2 44.2#
105 143.5 0.0 39.6#
51 47.5 15.8 55.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139674.D

Acq: 04 Oct 2024 23:07

Instrument :

BNA_F

ClientSampleId :

VNJ-208

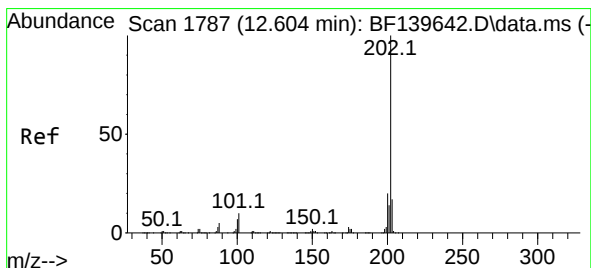
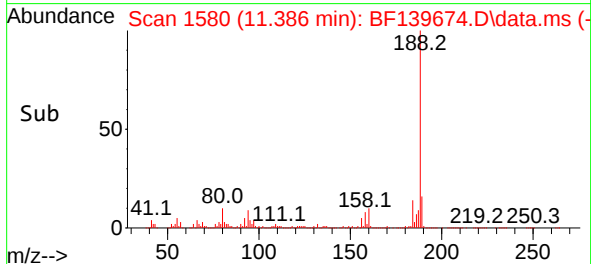
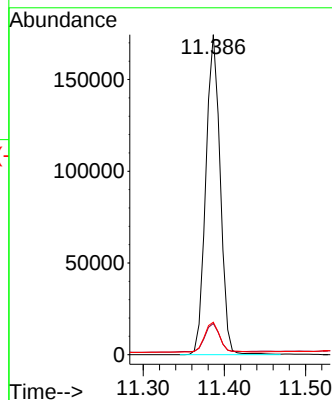
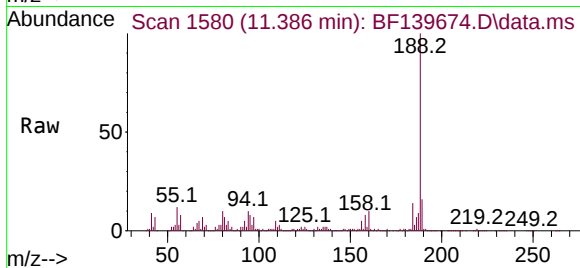
Tgt Ion:188 Resp: 214316

Ion Ratio Lower Upper

188 100

94 9.8 7.4 11.2

80 10.2 8.2 12.2



#75

Fluoranthene

Concen: 3.719 ng

RT: 12.604 min Scan# 1787

Delta R.T. 0.000 min

Lab File: BF139674.D

Acq: 04 Oct 2024 23:07

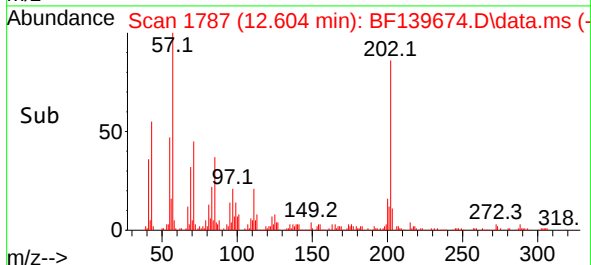
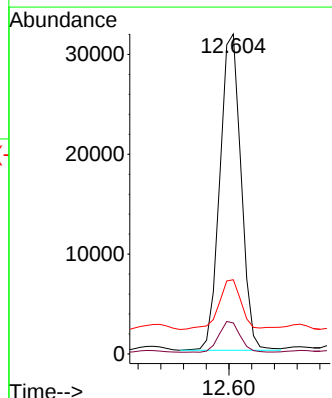
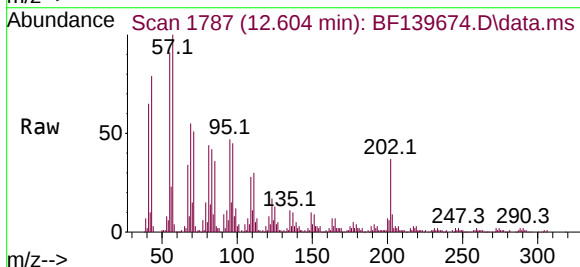
Tgt Ion:202 Resp: 41082

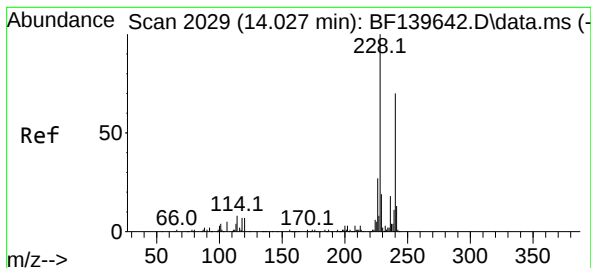
Ion Ratio Lower Upper

202 100

101 9.7 0.0 30.2

203 23.2 0.0 37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2029

Delta R.T. 0.000 min

Lab File: BF139674.D

Acq: 04 Oct 2024 23:07

Instrument :

BNA_F

ClientSampleId :

VNJ-208

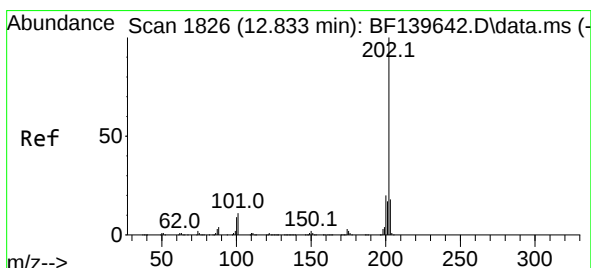
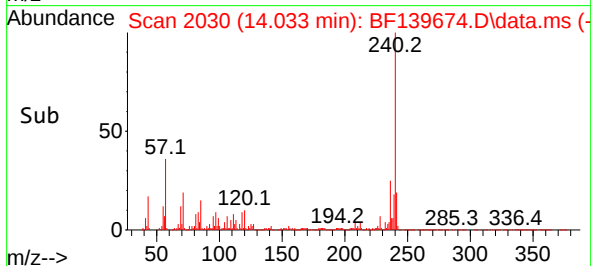
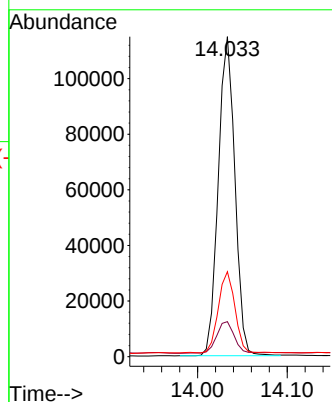
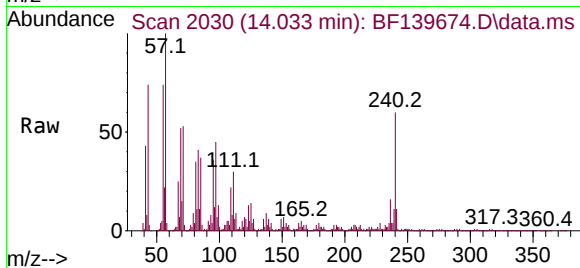
Tgt Ion:240 Resp: 147812

Ion Ratio Lower Upper

240 100

120 10.9 8.4 12.6

236 26.5 20.3 30.5



#78

Pyrene

Concen: 2.627 ng

RT: 12.833 min Scan# 1826

Delta R.T. -0.006 min

Lab File: BF139674.D

Acq: 04 Oct 2024 23:07

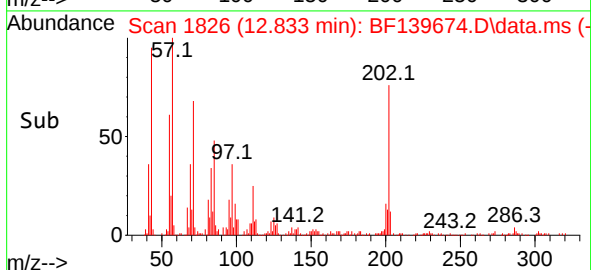
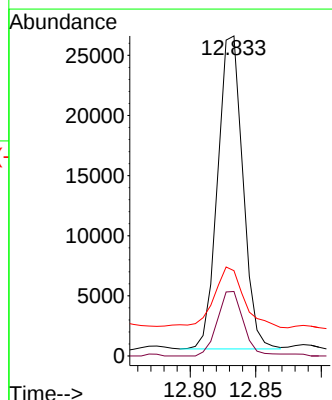
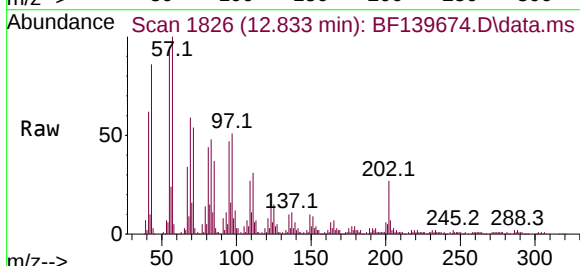
Tgt Ion:202 Resp: 34723

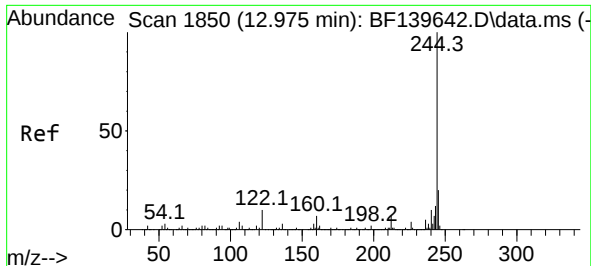
Ion Ratio Lower Upper

202 100

200 20.2 15.8 23.6

203 26.6 13.8 20.8#

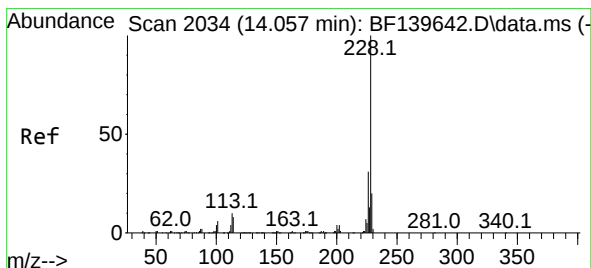
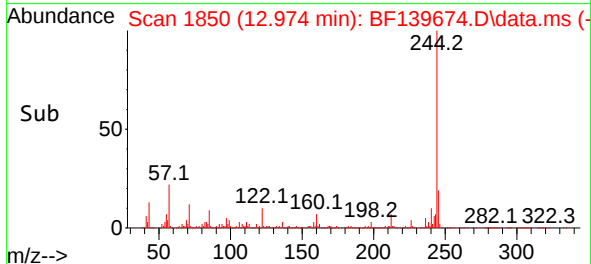
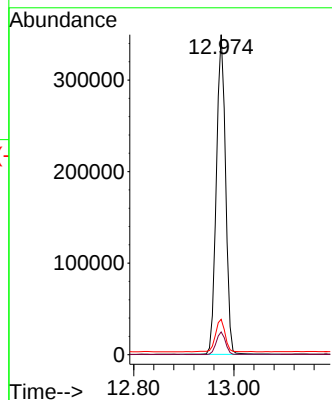
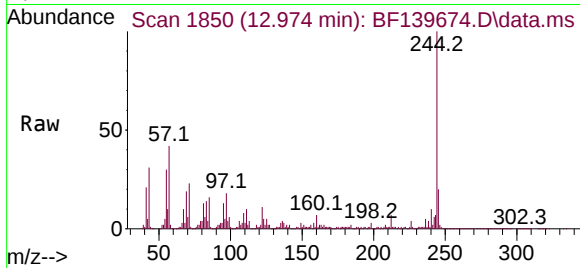




#79
 Terphenyl-d14
 Concen: 49.199 ng
 RT: 12.974 min Scan# 1850
 Delta R.T. -0.006 min
 Lab File: BF139674.D
 Acq: 04 Oct 2024 23:07

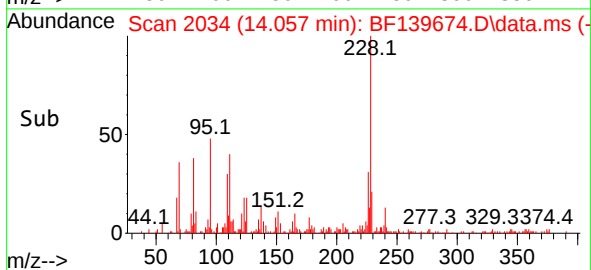
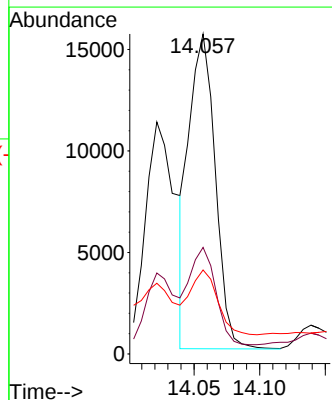
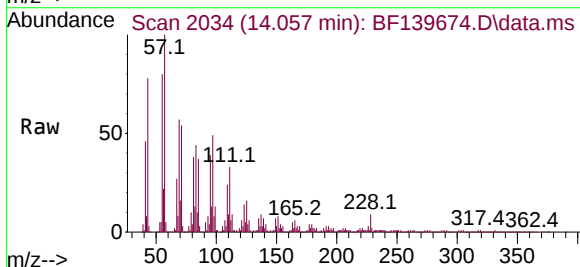
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-208

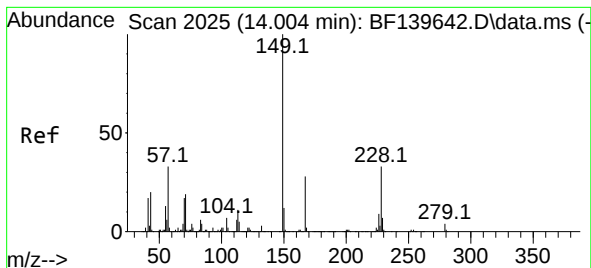
Tgt Ion:244 Resp: 443205
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 11.1 8.6 12.8



#83
 Chrysene
 Concen: 2.431 ng
 RT: 14.057 min Scan# 2034
 Delta R.T. -0.006 min
 Lab File: BF139674.D
 Acq: 04 Oct 2024 23:07

Tgt Ion:228 Resp: 21597
 Ion Ratio Lower Upper
 228 100
 226 33.3 24.3 36.5
 229 26.3 15.7 23.5#





#84

Bis(2-ethylhexyl)phthalate

Concen: 16.018 ng

RT: 14.010 min Scan# 2025

Delta R.T. -0.000 min

Lab File: BF139674.D

Acq: 04 Oct 2024 23:07

Instrument :

BNA_F

ClientSampleId :

VNJ-208

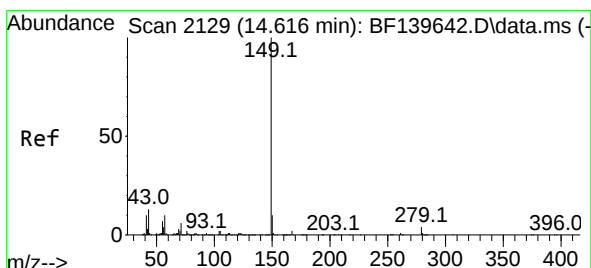
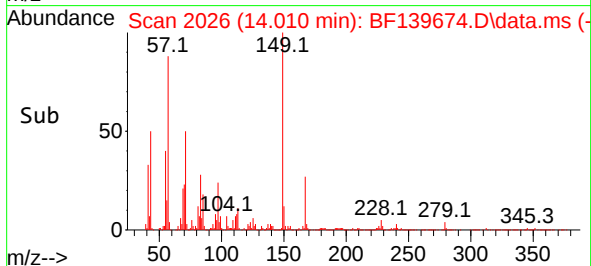
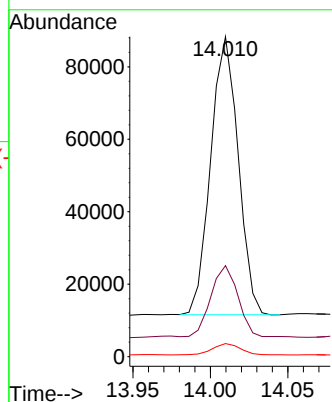
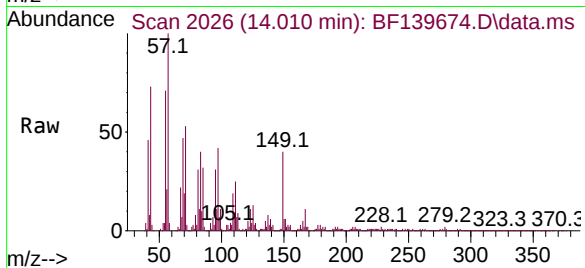
Tgt Ion:149 Resp: 94580

Ion Ratio Lower Upper

149 100

167 28.5 21.7 32.5

279 4.1 3.2 4.8



#85

Di-n-octyl phthalate

Concen: 7.511 ng

RT: 14.616 min Scan# 2129

Delta R.T. -0.006 min

Lab File: BF139674.D

Acq: 04 Oct 2024 23:07

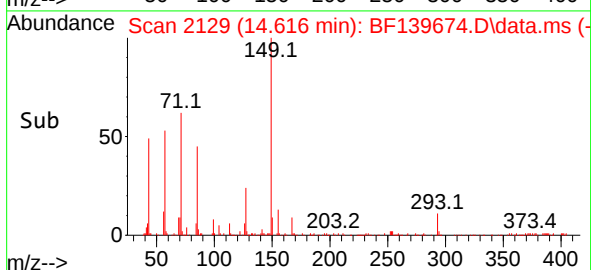
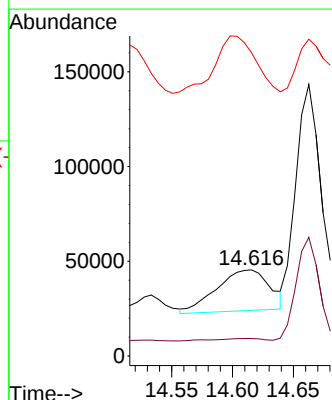
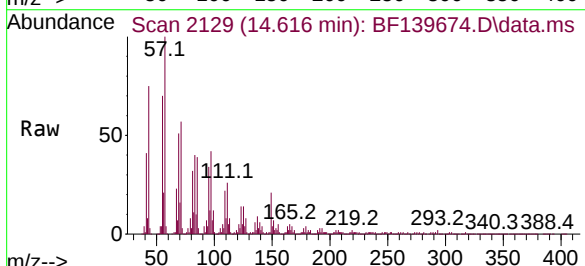
Tgt Ion:149 Resp: 65153

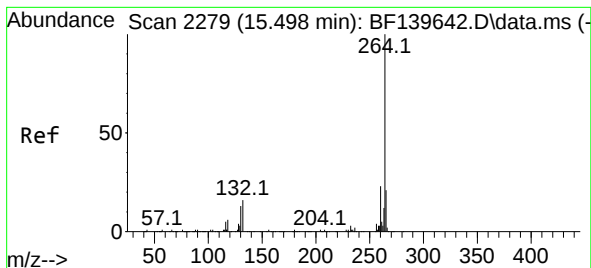
Ion Ratio Lower Upper

149 100

167 6.0 1.3 1.9#

43 100.2 10.2 15.2#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.510 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139674.D

Acq: 04 Oct 2024 23:07

Instrument :

BNA_F

ClientSampleId :

VNJ-208

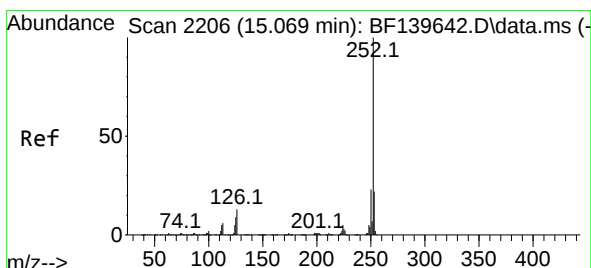
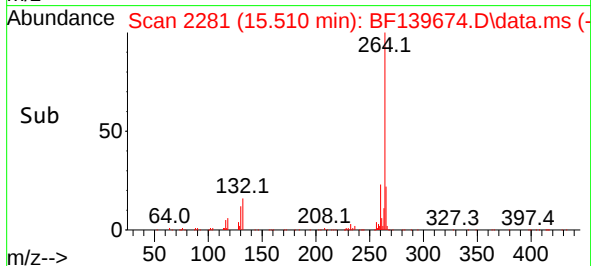
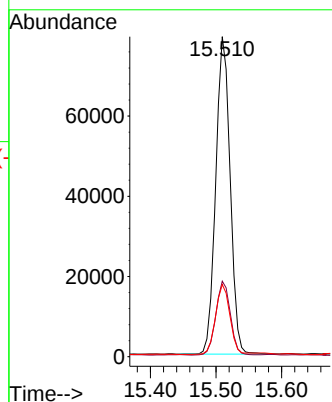
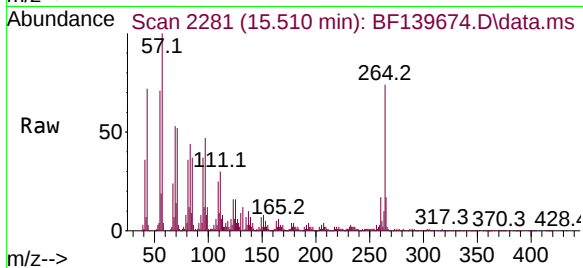
Tgt Ion:264 Resp: 120429

Ion Ratio Lower Upper

264 100

260 23.6 18.7 28.1

265 22.5 16.9 25.3



#88

Benzo(b)fluoranthene

Concen: 5.032 ng

RT: 15.080 min Scan# 2208

Delta R.T. 0.006 min

Lab File: BF139674.D

Acq: 04 Oct 2024 23:07

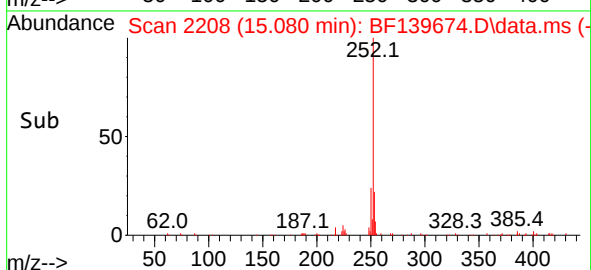
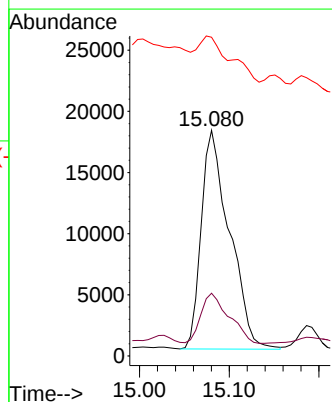
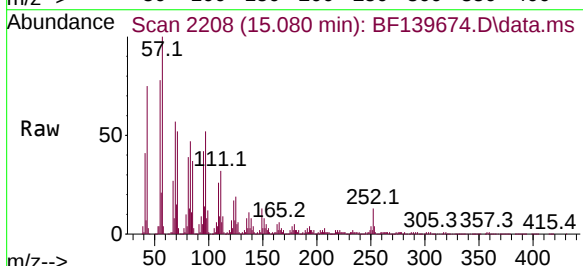
Tgt Ion:252 Resp: 39182

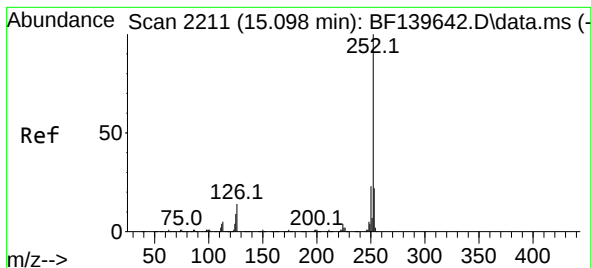
Ion Ratio Lower Upper

252 100

253 27.8 17.4 26.0#

125 141.3 7.4 11.0#





#89

Benzo(k)fluoranthene

Concen: 5.932 ng

RT: 15.080 min Scan# 21

Delta R.T. -0.024 min

Lab File: BF139674.D

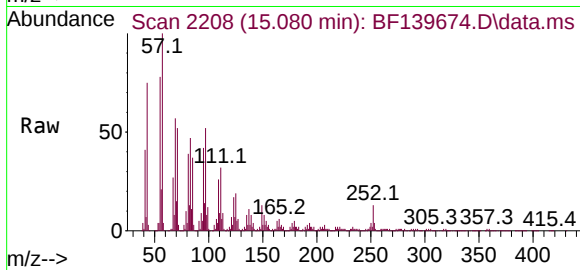
Acq: 04 Oct 2024 23:07

Instrument :

BNA_F

ClientSampleId :

VNJ-208



Tgt Ion:252 Resp: 39182

Ion Ratio Lower Upper

252 100

253 27.8 17.5 26.3#

125 141.3 7.6 11.4#

