

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090924\
 Data File : BF139283.D
 Acq On : 09 Sep 2024 15:18
 Operator : RC/JU
 Sample : P3881-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-217

Quant Time: Sep 09 15:40:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 04 16:11:43 2024
 Response via : Initial Calibration

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

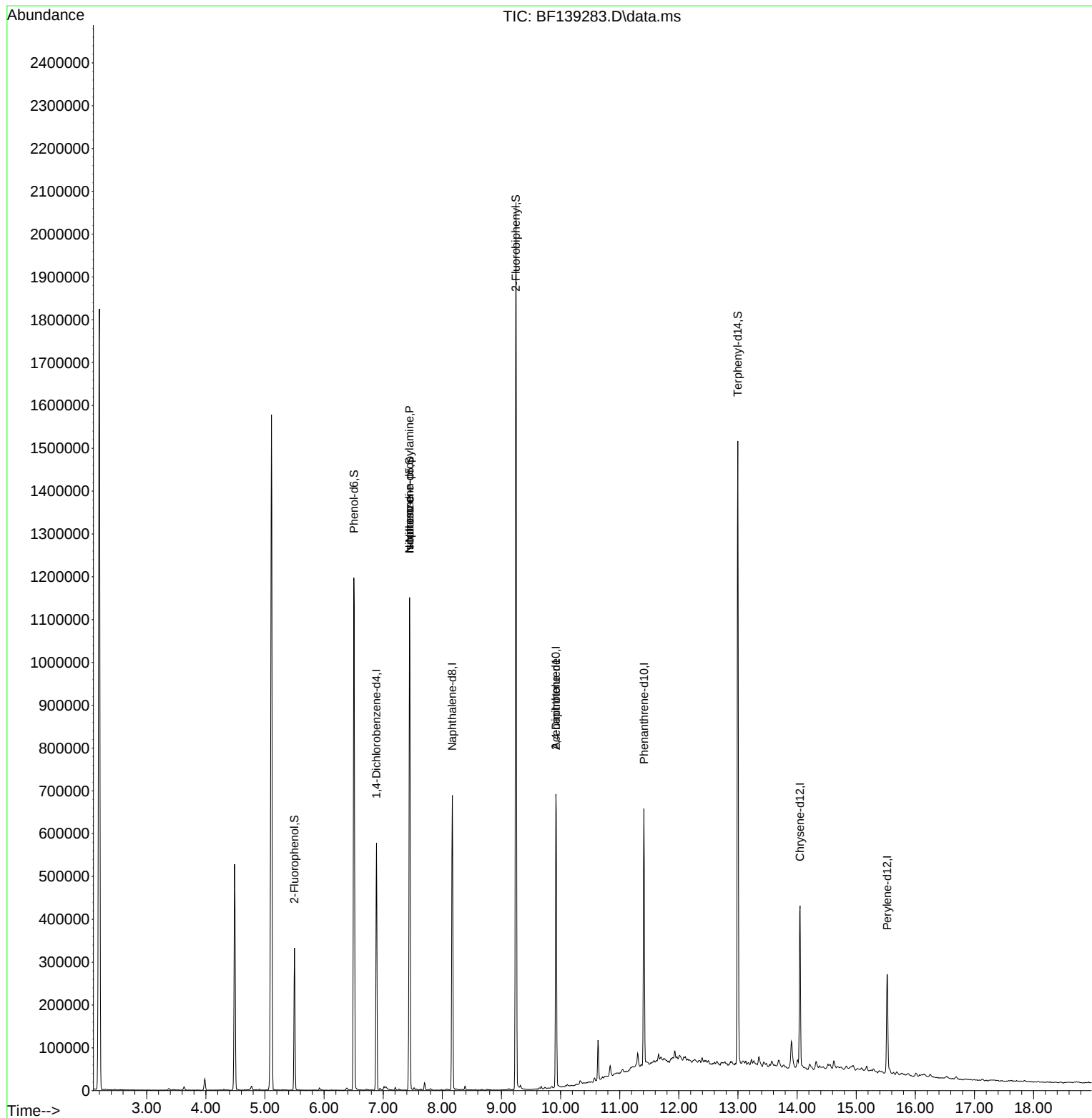
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	110453	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	401436	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	203216	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	310506	20.000	ng	0.00
76) Chrysene-d12	14.051	240	180277	20.000	ng	0.00
86) Perylene-d12	15.527	264	142532	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	106866	16.185	ng	0.00
7) Phenol-d6	6.504	99	514168	58.333	ng	-0.01
23) Nitrobenzene-d5	7.445	82	484259	62.756	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	964	0.549	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	890814	67.667	ng	0.00
79) Terphenyl-d14	12.998	244	685941	61.434	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.445	70	65950	12.991	ng	# 77
25) Isophorone	7.445	82	482337	36.561	ng	# 67
57) 2,4-Dinitrotoluene	9.922	165	26238	7.377	ng	# 18

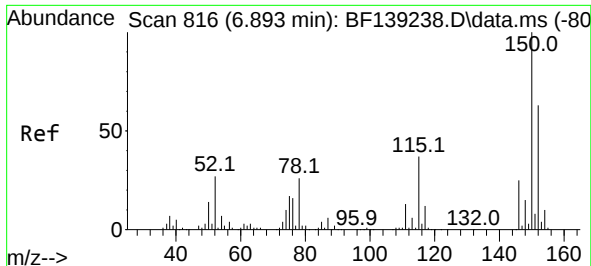
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
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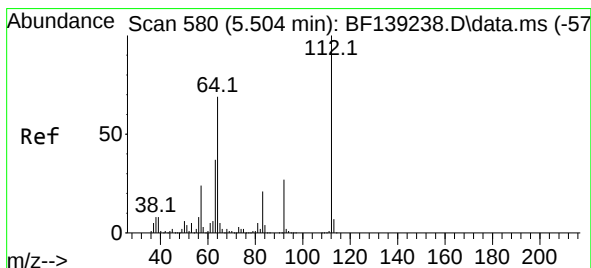
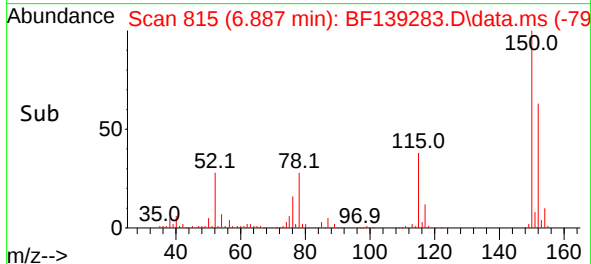
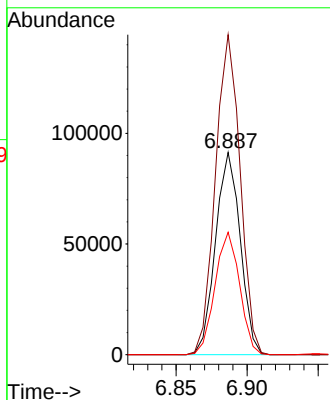
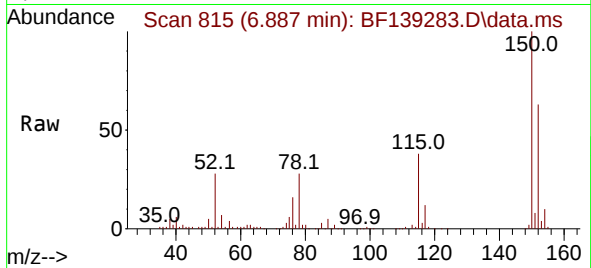




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF139283.D
Acq: 09 Sep 2024 15:18

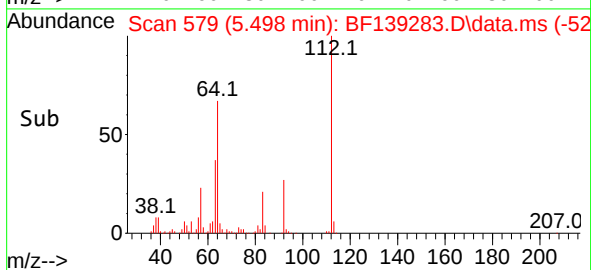
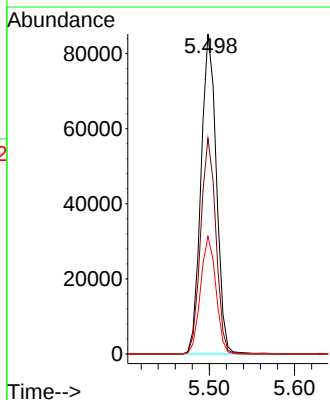
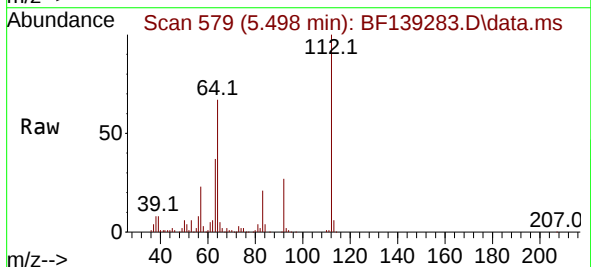
Instrument :
BNA_F
ClientSampleId :
VNJ-217

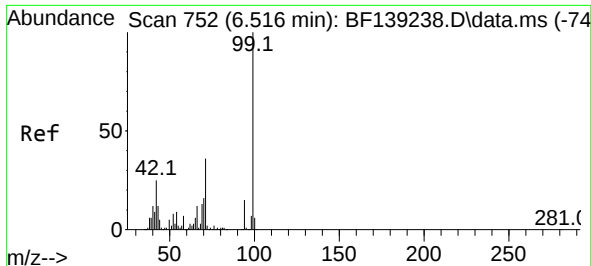
Tgt Ion:152 Resp: 110453
Ion Ratio Lower Upper
152 100
150 158.3 127.0 190.4
115 60.6 46.9 70.3



#5
2-Fluorophenol
Concen: 16.185 ng
RT: 5.498 min Scan# 579
Delta R.T. -0.006 min
Lab File: BF139283.D
Acq: 09 Sep 2024 15:18

Tgt Ion:112 Resp: 106866
Ion Ratio Lower Upper
112 100
64 67.4 55.0 82.4
63 36.8 29.9 44.9

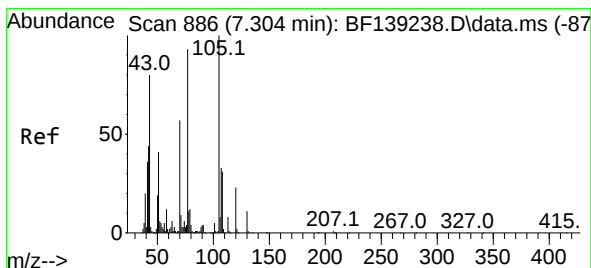
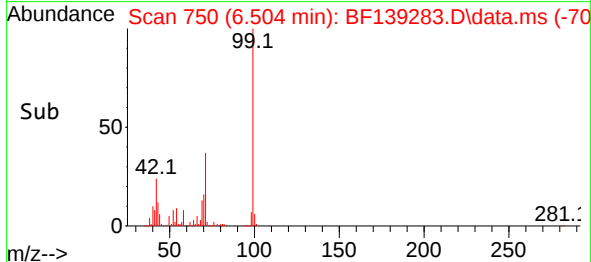
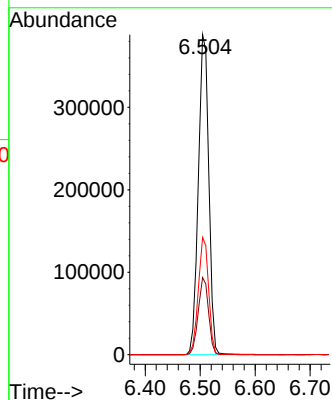
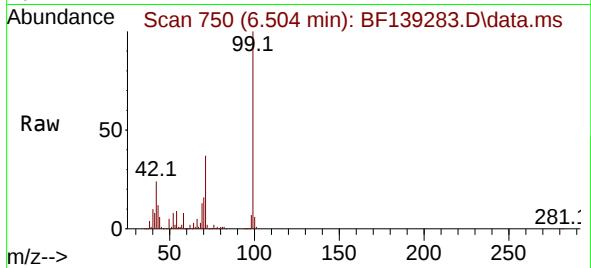




#7
Phenol-d6
Concen: 58.333 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF139283.D
Acq: 09 Sep 2024 15:18

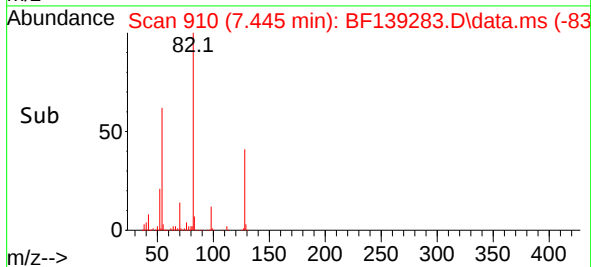
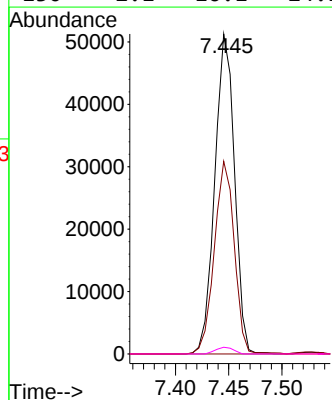
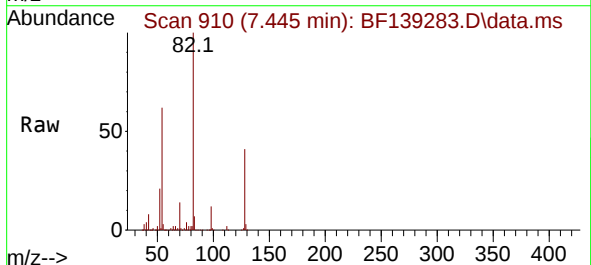
Instrument :
BNA_F
ClientSampleId :
VNJ-217

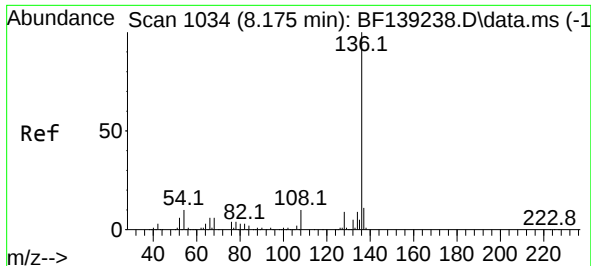
Tgt Ion: 99 Resp: 514168
Ion Ratio Lower Upper
99 100
42 24.1 19.8 29.6
71 36.6 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 12.991 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF139283.D
Acq: 09 Sep 2024 15:18

Tgt Ion: 70 Resp: 65950
Ion Ratio Lower Upper
70 100
42 60.2 61.0 91.6#
101 0.0 7.2 10.8#
130 2.1 16.1 24.1#

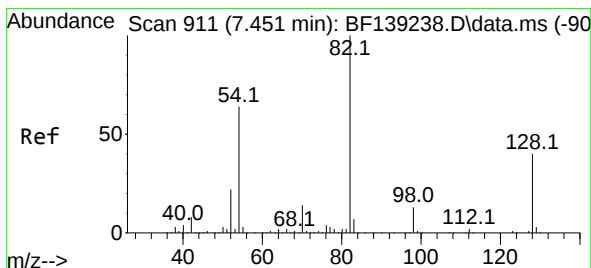
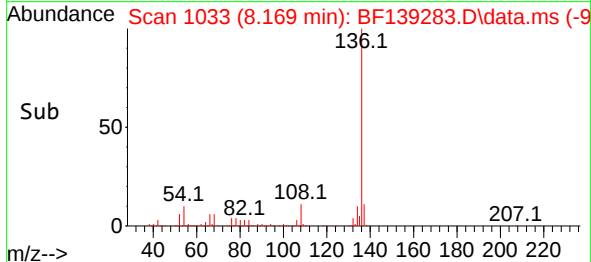
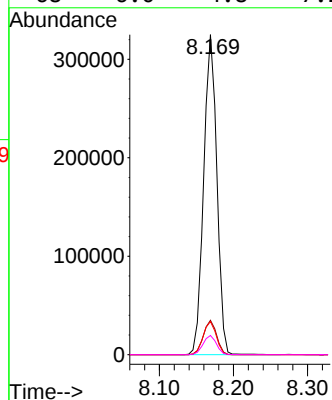
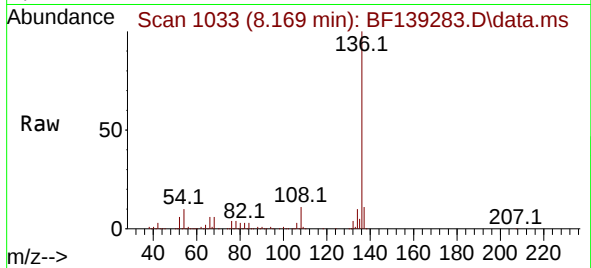




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF139283.D
Acq: 09 Sep 2024 15:18

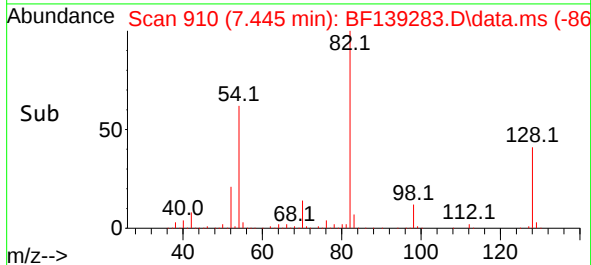
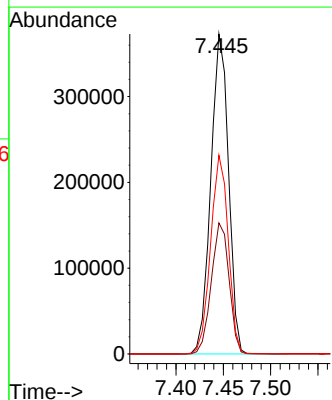
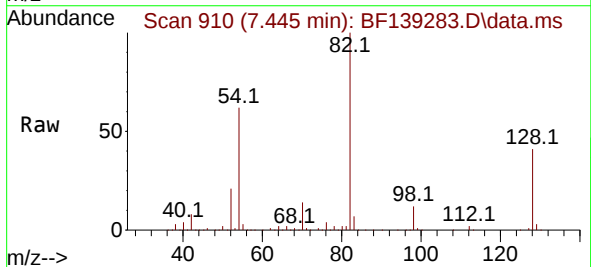
Instrument :
BNA_F
ClientSampleId :
VNJ-217

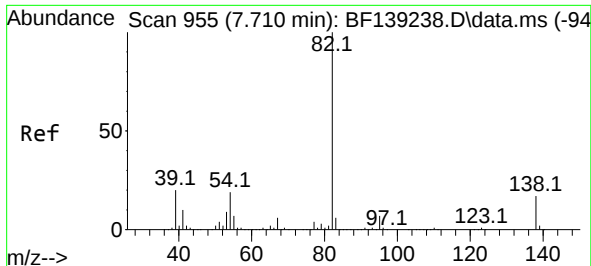
Tgt Ion:136	Resp:	401436	
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	10.3	8.4	12.6
68	6.0	4.8	7.2



#23
Nitrobenzene-d5
Concen: 62.756 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF139283.D
Acq: 09 Sep 2024 15:18

Tgt Ion: 82	Resp: 484259
Ion Ratio	Lower Upper
82 100	
128 41.0	32.3 48.5
54 62.1	51.2 76.8

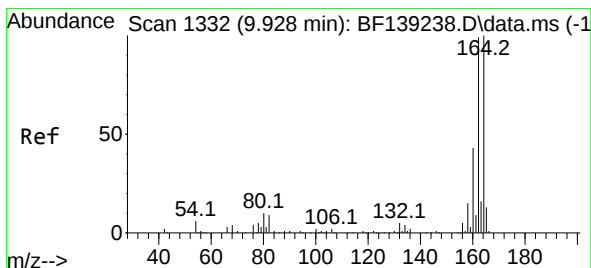
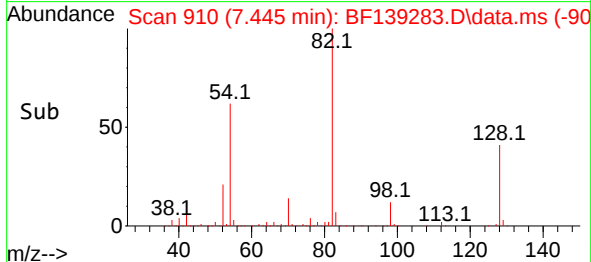
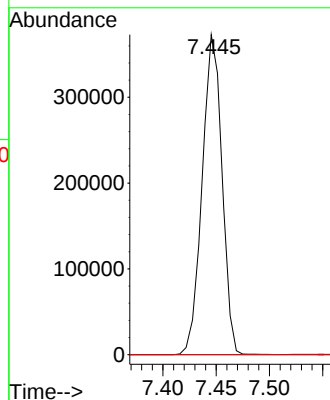
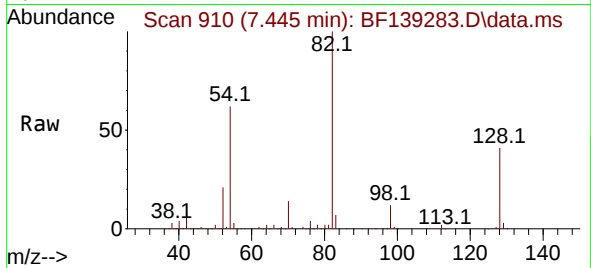




#25
Isophorone
Concen: 36.561 ng
RT: 7.445 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF139283.D
Acq: 09 Sep 2024 15:18

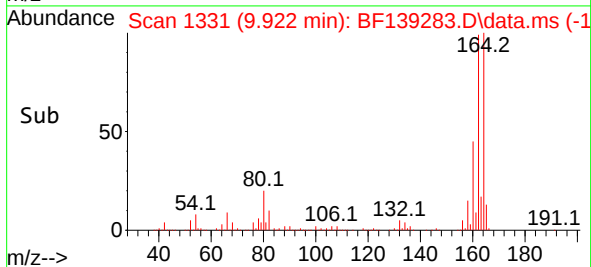
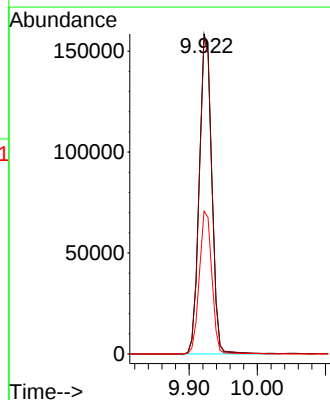
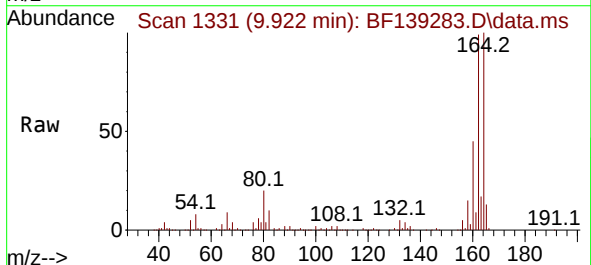
Instrument :
BNA_F
ClientSampleId :
VNJ-217

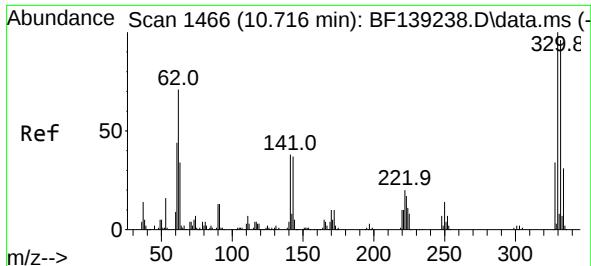
Tgt Ion: 82 Resp: 482337
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BF139283.D
Acq: 09 Sep 2024 15:18

Tgt Ion:164 Resp: 203216
Ion Ratio Lower Upper
164 100
162 98.6 79.2 118.8
160 44.6 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 0.549 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.006 min

Lab File: BF139283.D

Acq: 09 Sep 2024 15:18

Instrument :

BNA_F

ClientSampleId :

VNJ-217

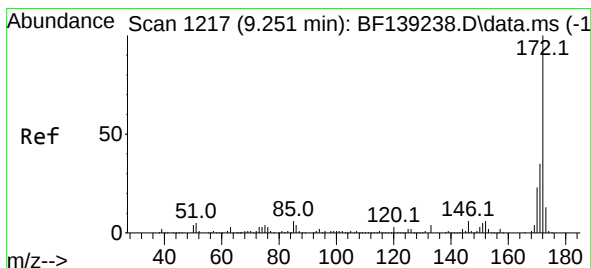
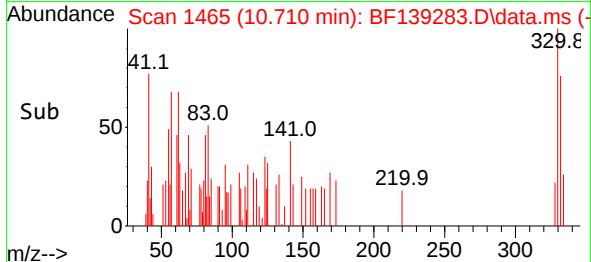
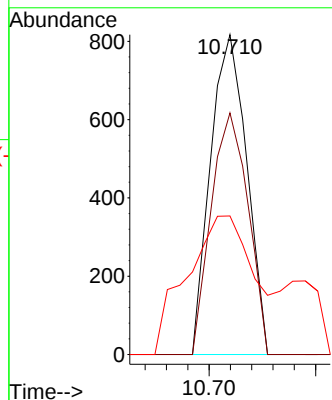
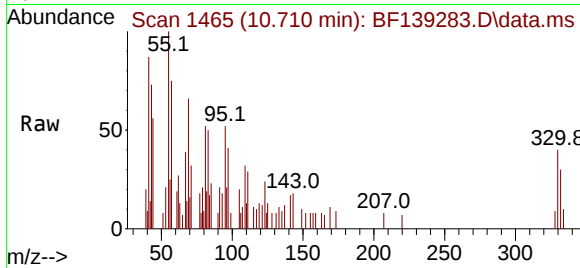
Tgt Ion:330 Resp: 964

Ion Ratio Lower Upper

330 100

332 77.1 76.6 115.0

141 79.5 30.1 45.1#



#45

2-Fluorobiphenyl

Concen: 67.667 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139283.D

Acq: 09 Sep 2024 15:18

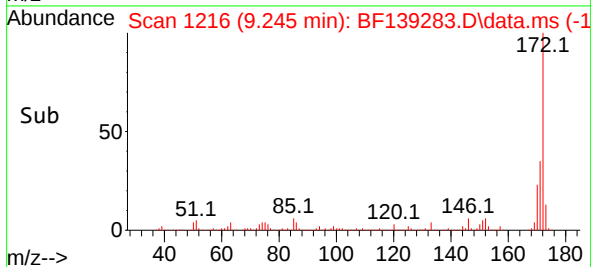
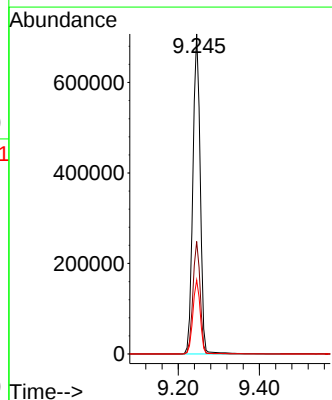
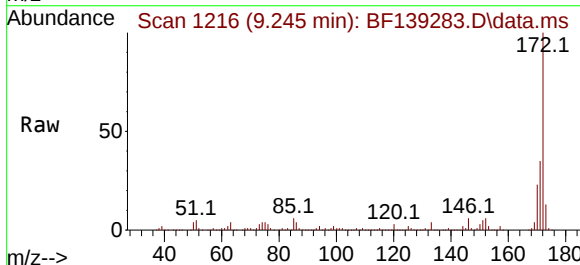
Tgt Ion:172 Resp: 890814

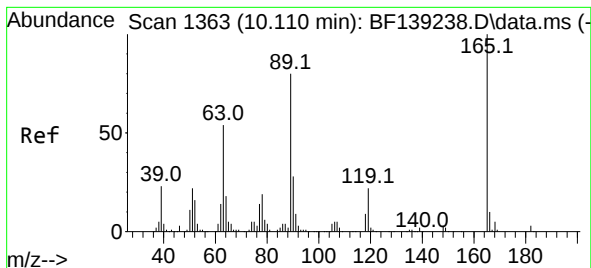
Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

170 23.1 18.7 28.1

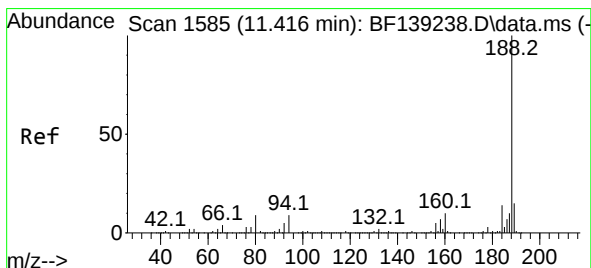
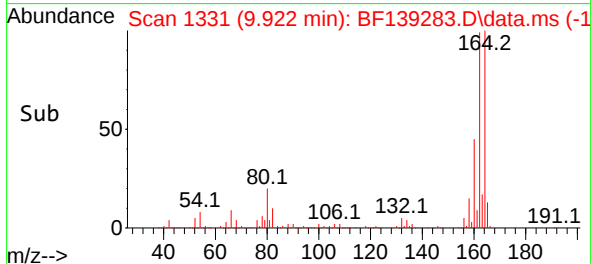
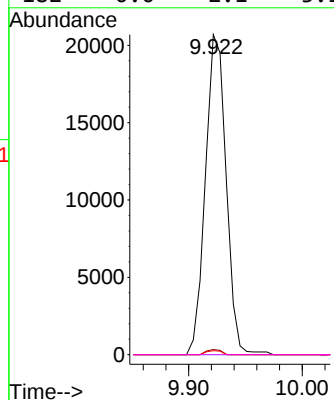
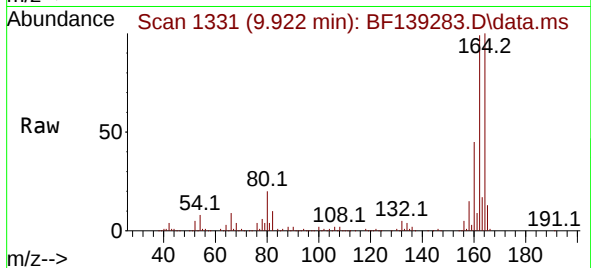




#57
2,4-Dinitrotoluene
Concen: 7.377 ng
RT: 9.922 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF139283.D
Acq: 09 Sep 2024 15:18

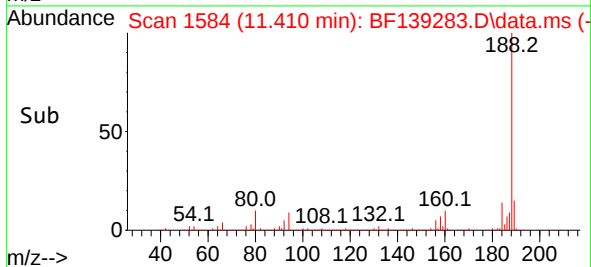
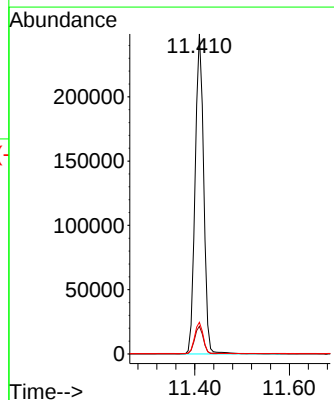
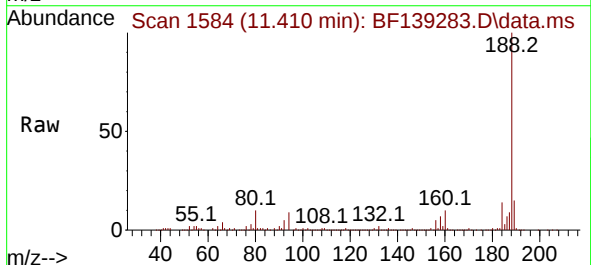
Instrument :
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VNJ-217

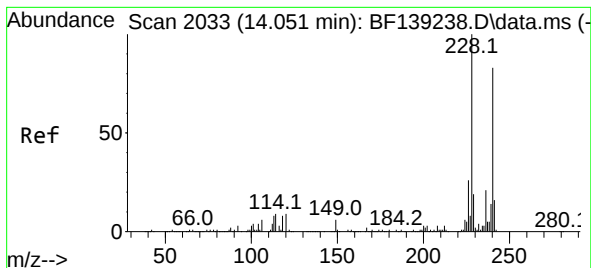
Tgt Ion:165 Resp: 26238
Ion Ratio Lower Upper
165 100
63 1.6 43.4 65.0#
89 1.2 64.2 96.4#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF139283.D
Acq: 09 Sep 2024 15:18

Tgt Ion:188 Resp: 310506
Ion Ratio Lower Upper
188 100
94 8.6 7.0 10.4
80 9.9 7.3 10.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. -0.000 min

Lab File: BF139283.D

Acq: 09 Sep 2024 15:18

Instrument :

BNA_F

ClientSampleId :

VNJ-217

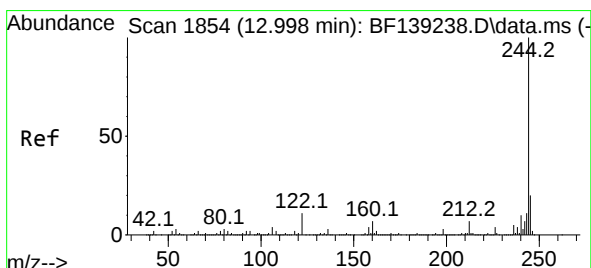
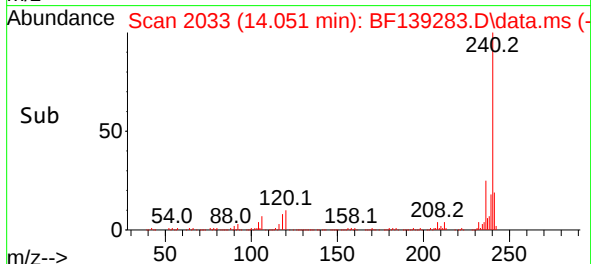
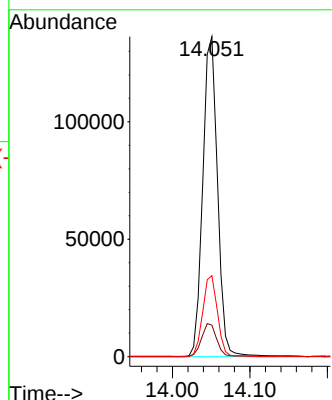
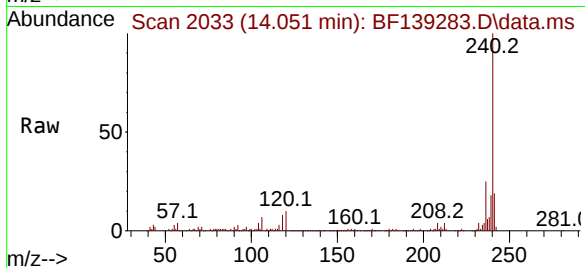
Tgt Ion:240 Resp: 180277

Ion Ratio Lower Upper

240 100

120 9.8 8.6 12.8

236 25.3 20.7 31.1



#79

Terphenyl-d14

Concen: 61.434 ng

RT: 12.998 min Scan# 1854

Delta R.T. -0.000 min

Lab File: BF139283.D

Acq: 09 Sep 2024 15:18

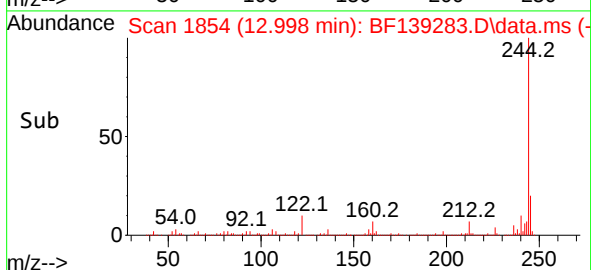
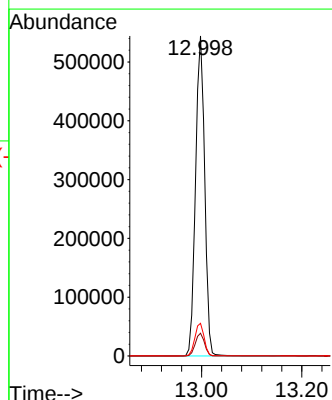
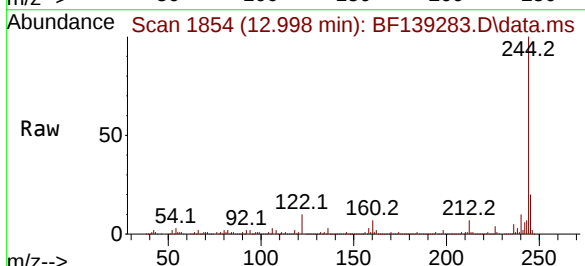
Tgt Ion:244 Resp: 685941

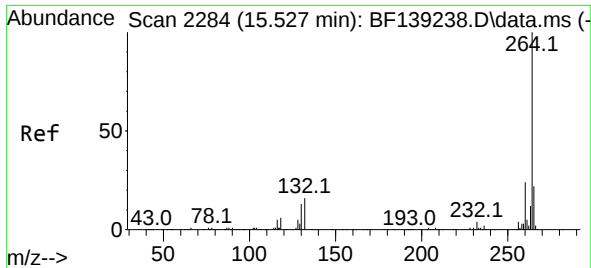
Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

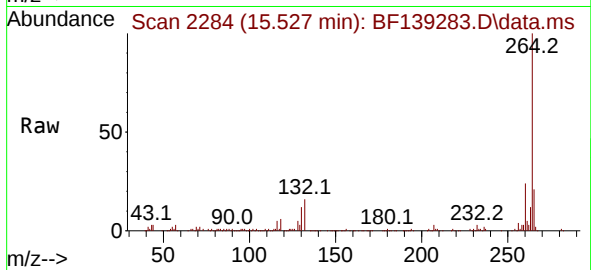
122 10.2 8.7 13.1





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF139283.D
 Acq: 09 Sep 2024 15:18

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-217



Tgt Ion:264	Resp:	142532
Ion	Ratio	Lower Upper
264	100	
260	23.7	18.8 28.2
265	21.0	17.3 25.9

