

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

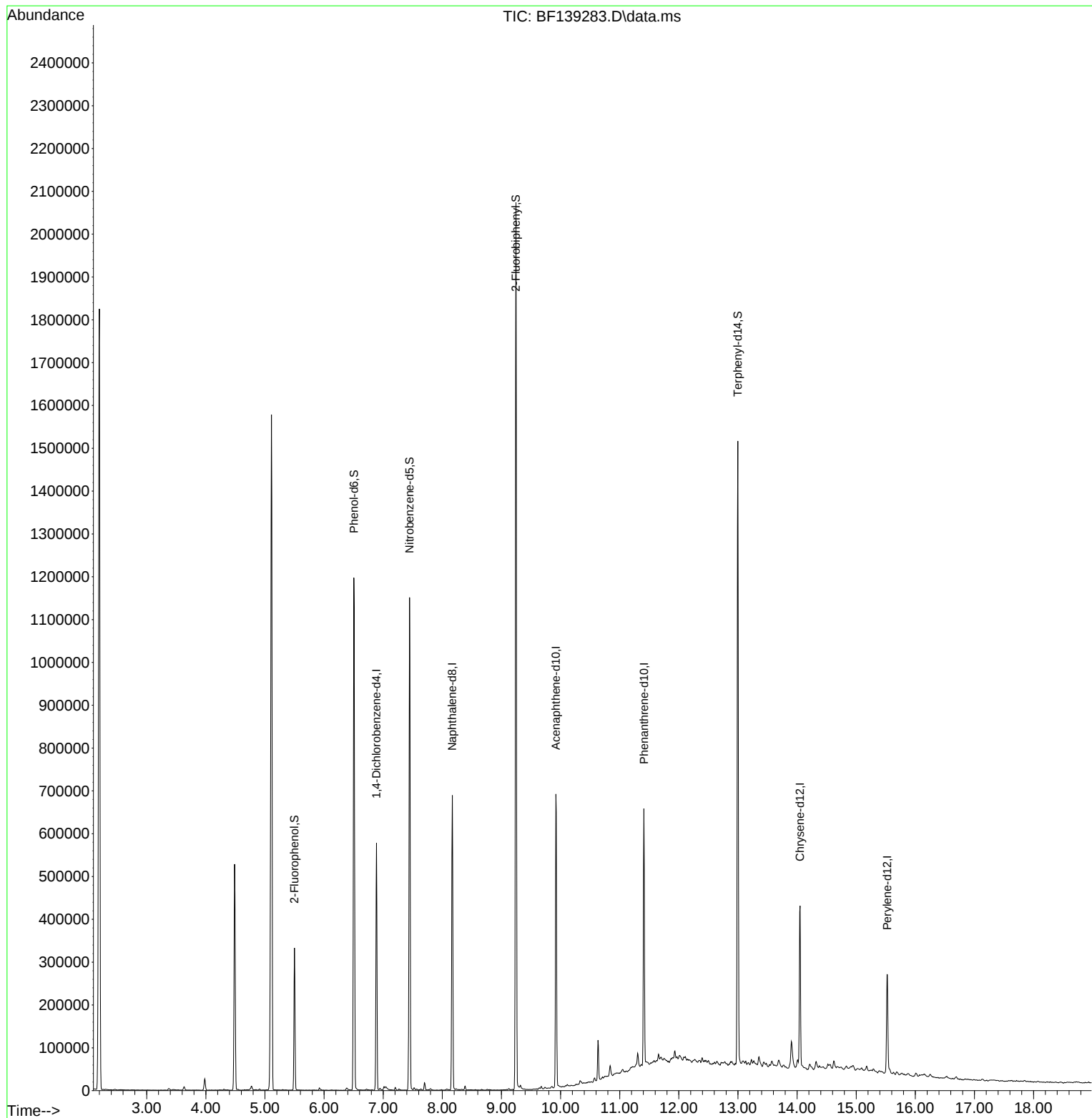
Target Compounds	Qvalue

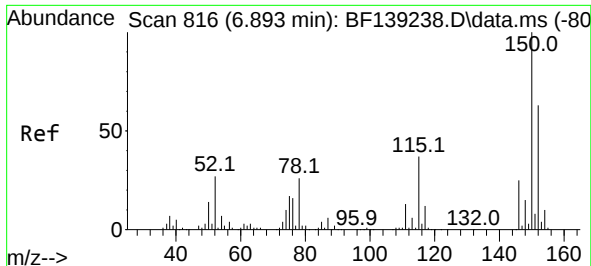
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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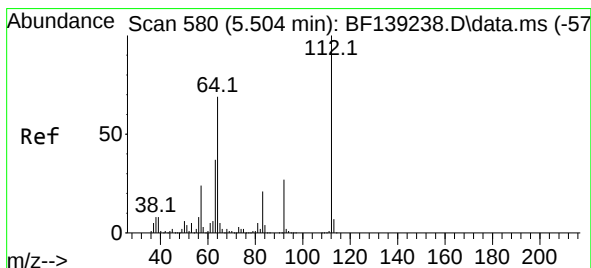
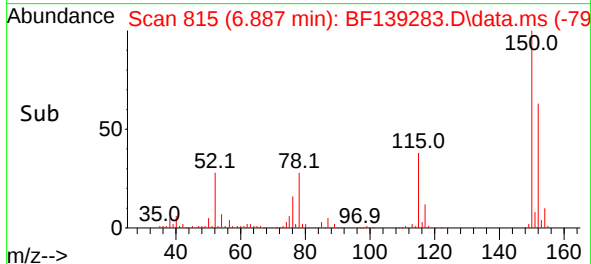
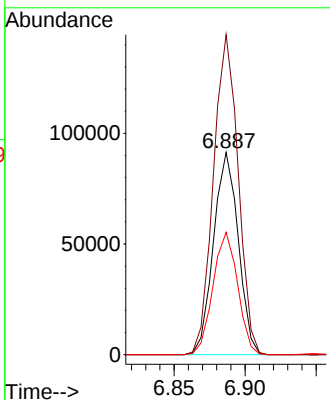
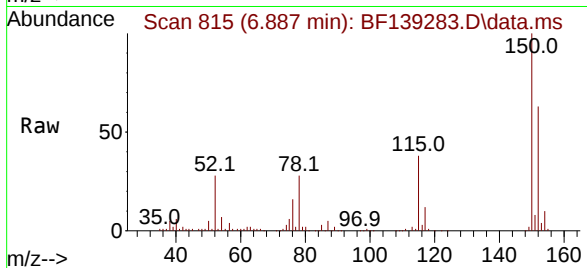




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 816
 Delta R.T. -0.006 min
 Lab File: BF139283.D
 Acq: 09 Sep 2024 15:18

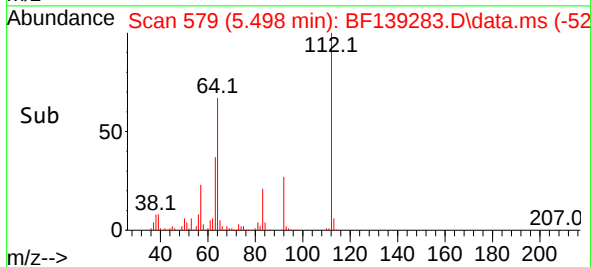
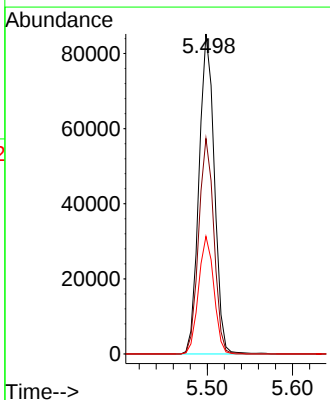
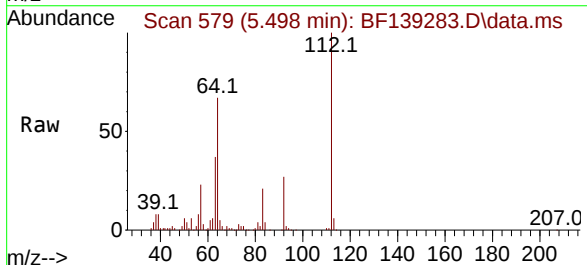
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-217

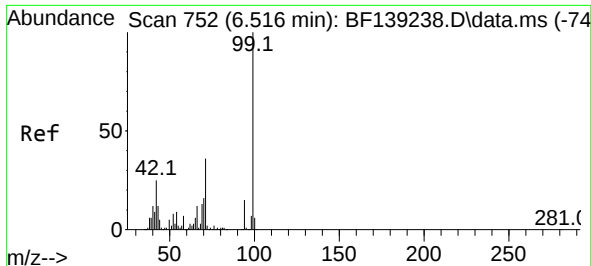
Tgt Ion:152 Resp: 110453
 Ion Ratio Lower Upper
 152 100
 150 158.3 127.0 190.4
 115 60.6 46.9 70.3



#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

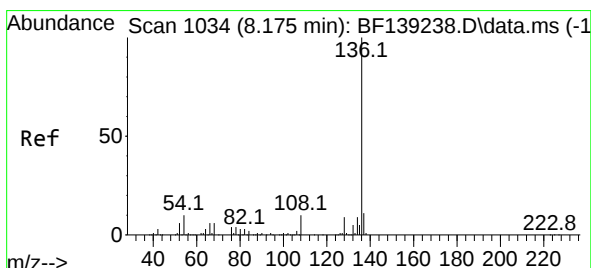
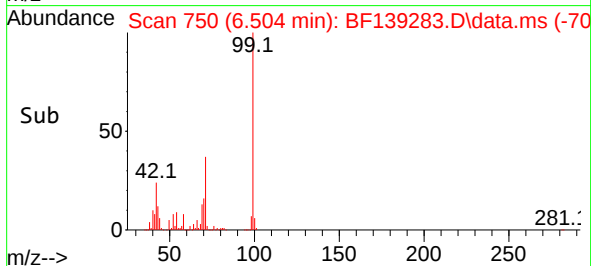
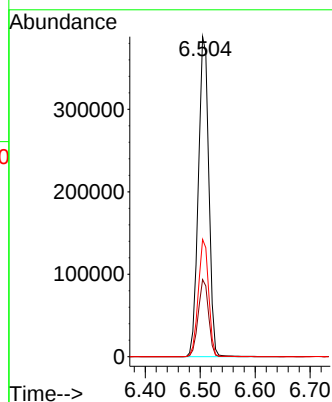
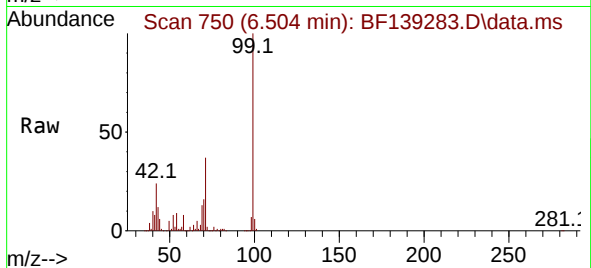
Instrument :

BNA_F

ClientSampleId :

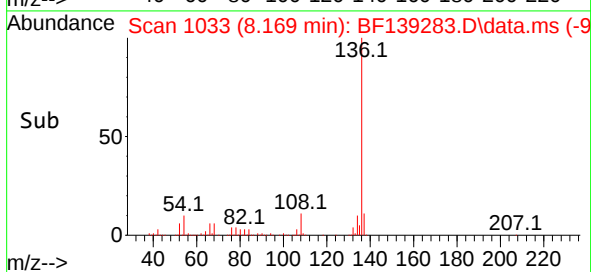
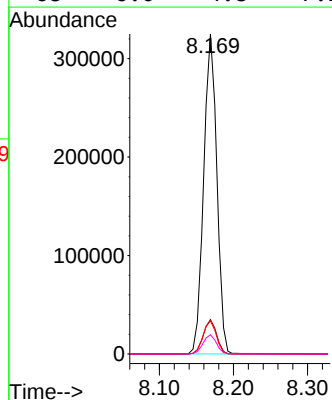
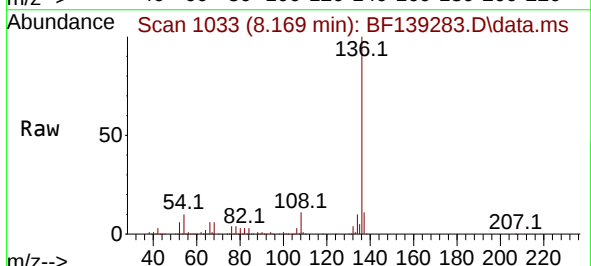
VNJ-217

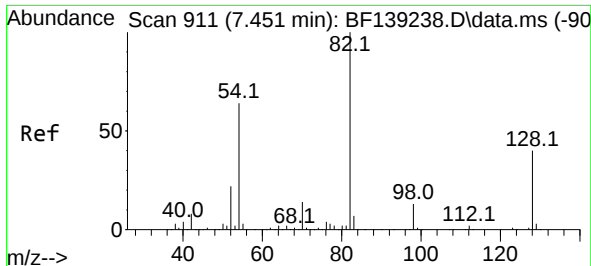
Tgt Ion: 99 Resp: 514168
Ion Ratio Lower Upper
99 100
42 24.1 19.8 29.6
71 36.6 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139283.D
Acq: 09 Sep 2024 15:18

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# 911

Delta R.T. -0.006 min

Lab File: BF139283.D

Acq: 09 Sep 2024 15:18

Instrument :

BNA_F

ClientSampleId :

VNJ-217

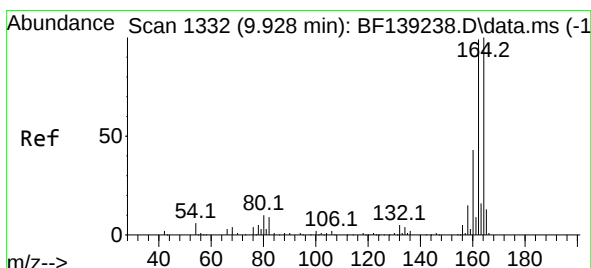
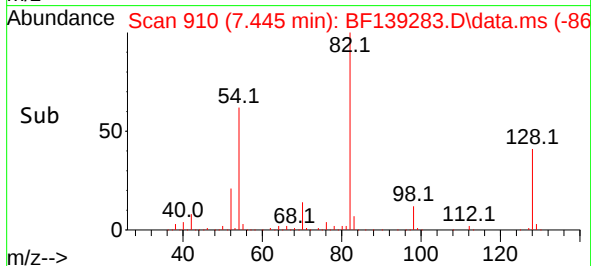
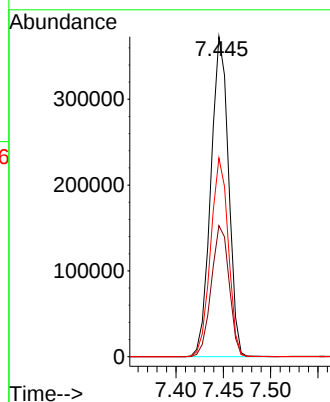
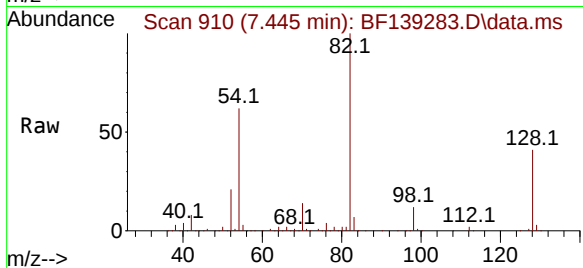
Tgt Ion: 82 Resp: 484259

Ion Ratio Lower Upper

82 100

128 41.0 32.3 48.5

54 62.1 51.2 76.8



#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

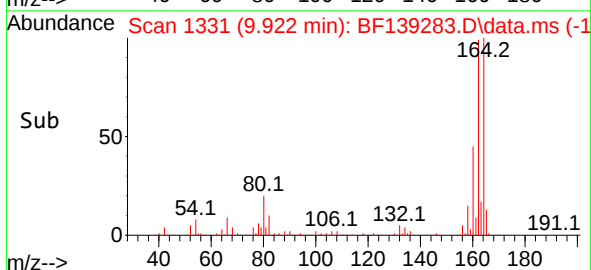
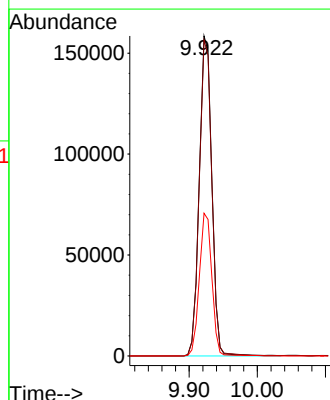
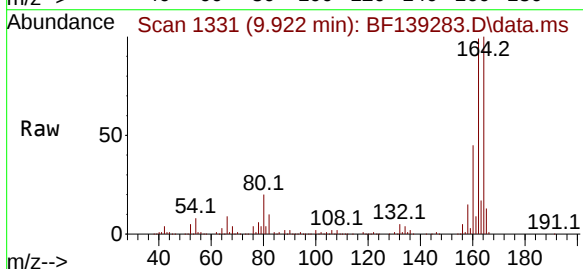
Tgt Ion:164 Resp: 203216

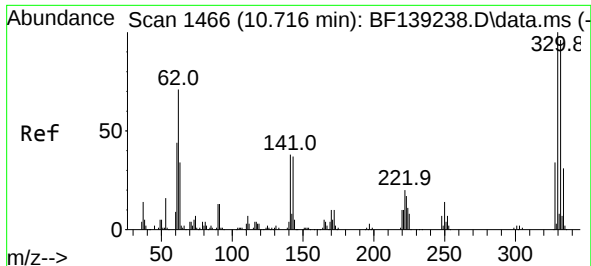
Ion Ratio Lower Upper

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# 1466

Delta R.T. -0.006 min

Lab File: BF139283.D

Acq: 09 Sep 2024 15:18

Instrument :

BNA_F

ClientSampleId :

VNJ-217

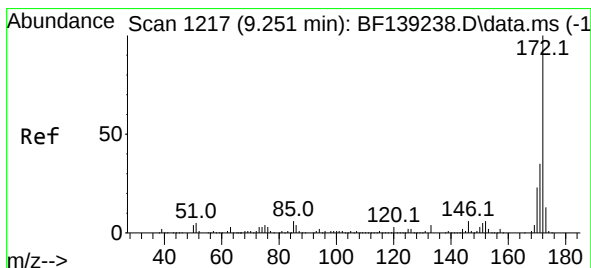
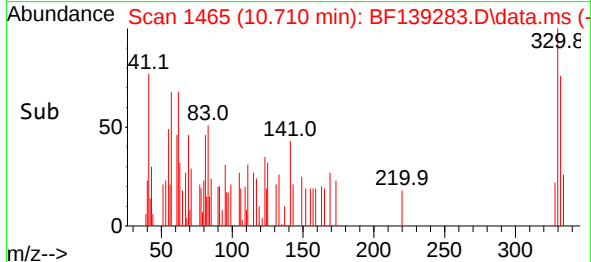
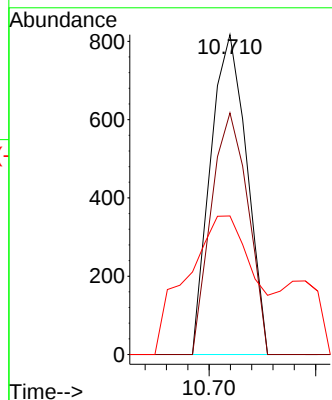
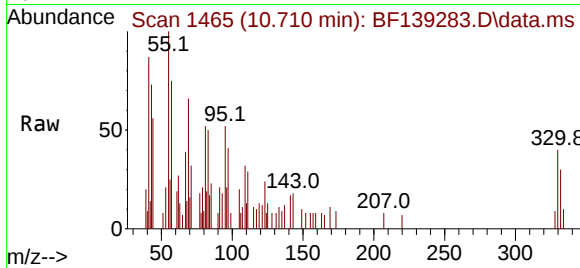
Tgt Ion:330 Resp: 964

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

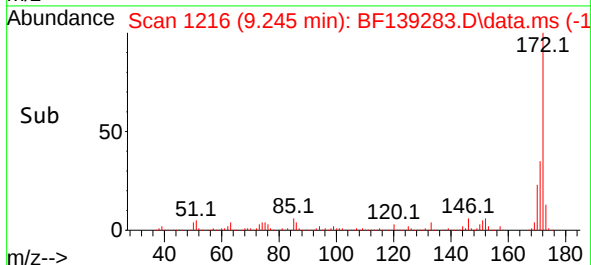
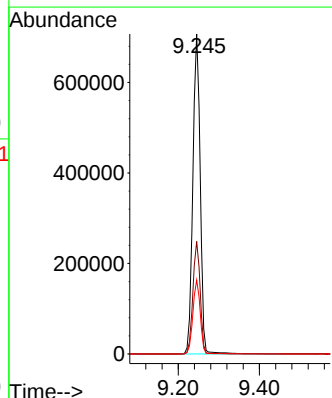
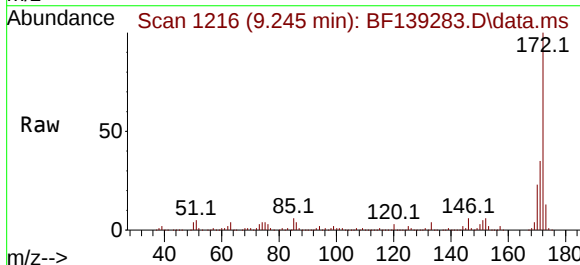
Tgt Ion:172 Resp: 890814

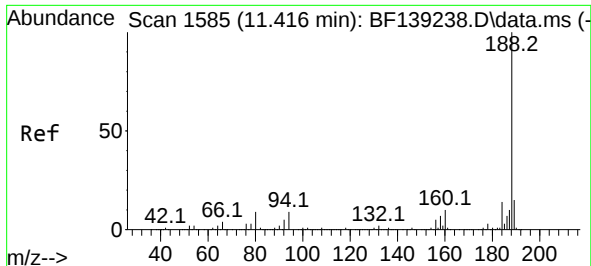
Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

170 23.1 18.7 28.1

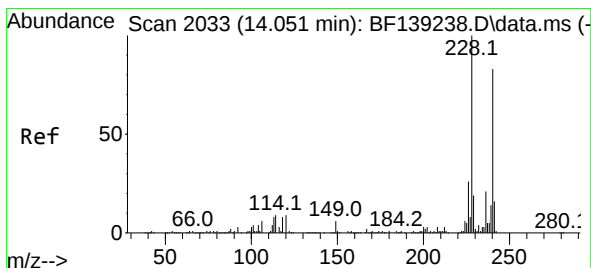
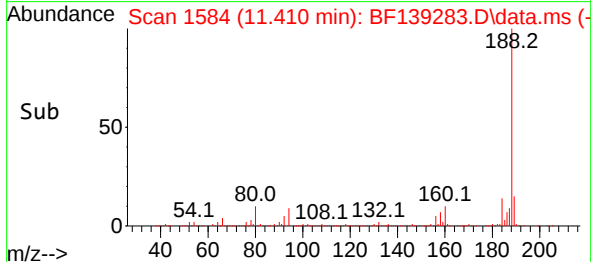
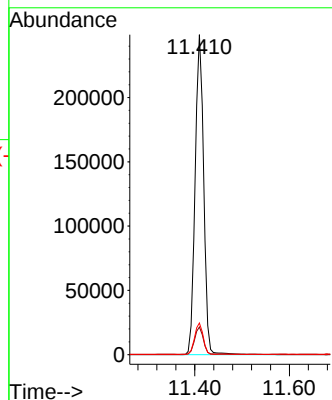
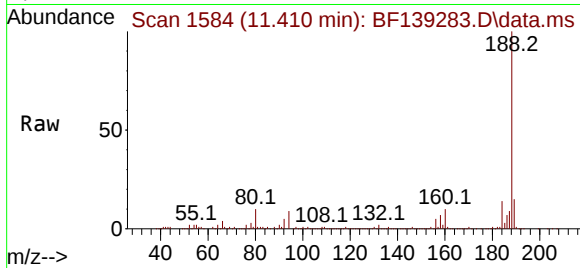




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139283.D
Acq: 09 Sep 2024 15:18

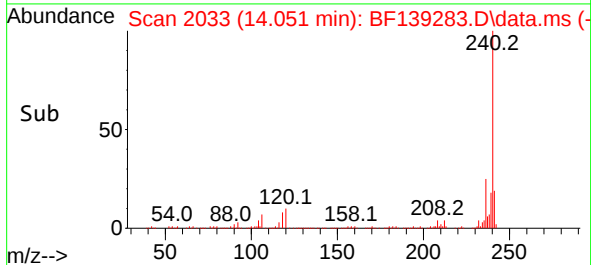
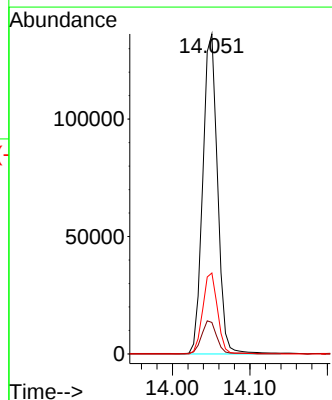
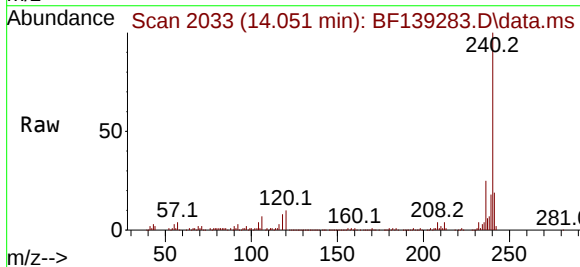
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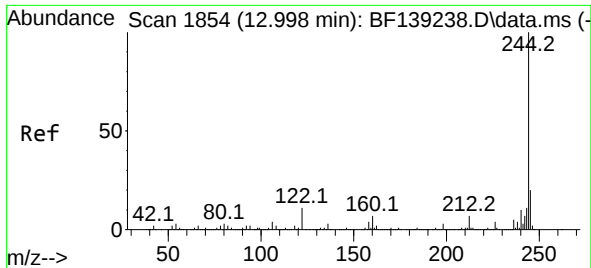
Tgt Ion:188 Resp: 310506
Ion Ratio Lower Upper
188 100
94 8.6 7.0 10.4
80 9.9 7.3 10.9



#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

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

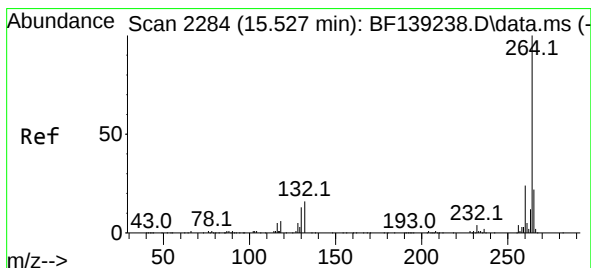
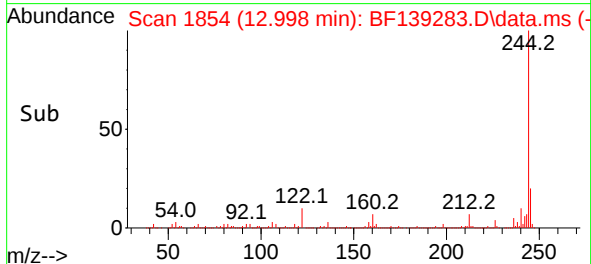
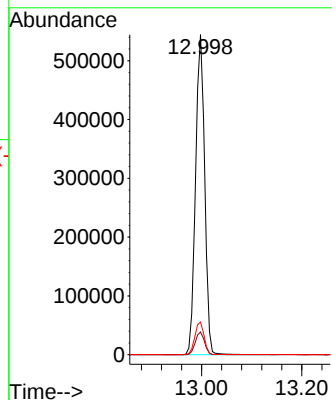
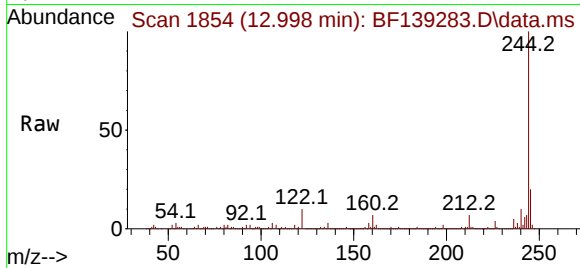




#79
 Terphenyl-d14
 Concen: 61.434 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. -0.000 min
 Lab File: BF139283.D
 Acq: 09 Sep 2024 15:18

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-217

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# 2284
 Delta R.T. -0.000 min
 Lab File: BF139283.D
 Acq: 09 Sep 2024 15:18

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

