

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102124\
 Data File : BF139894.D
 Acq On : 21 Oct 2024 10:58
 Operator : RC/JU
 Sample : P4430-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-209

Quant Time: Oct 21 11:19:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	191379	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	735596	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	348508	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	674496	20.000	ng	0.00
76) Chrysene-d12	14.051	240	306144	20.000	ng	0.00
86) Perylene-d12	15.527	264	55434	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1436881	117.537	ng	0.02
7) Phenol-d6	6.510	99	1604068	101.310	ng	0.00
23) Nitrobenzene-d5	7.451	82	1276419	96.172	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	530094	162.614	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2143238	101.637	ng	0.00
79) Terphenyl-d14	13.004	244	2103856	111.980	ng	0.00

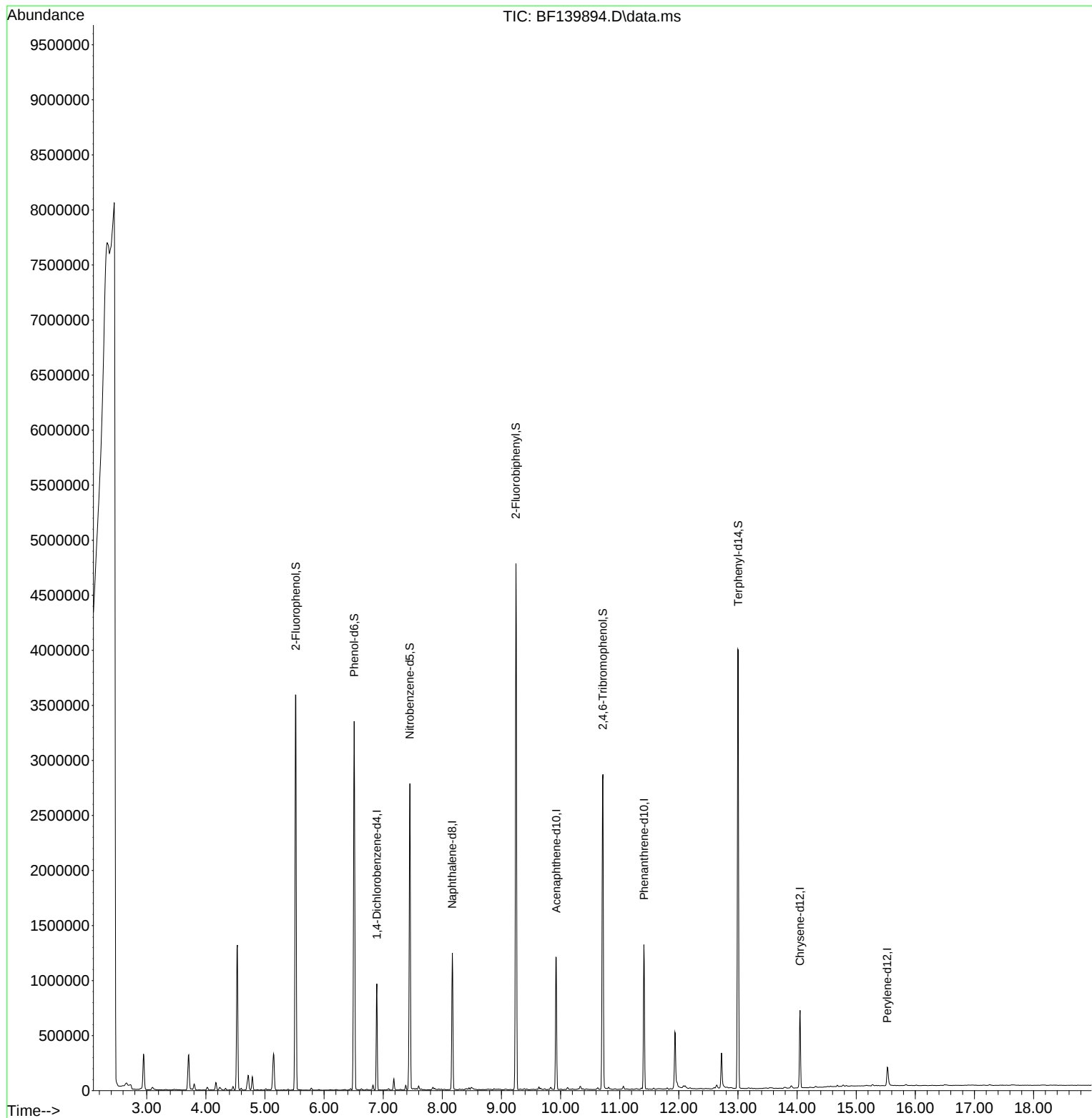
Target Compounds	Qvalue

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

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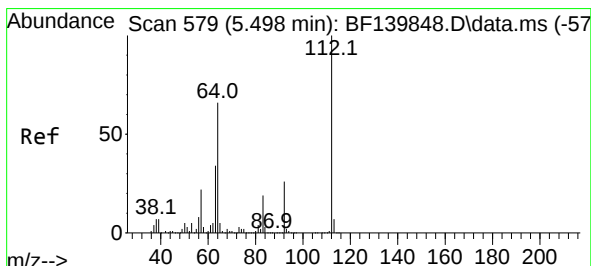
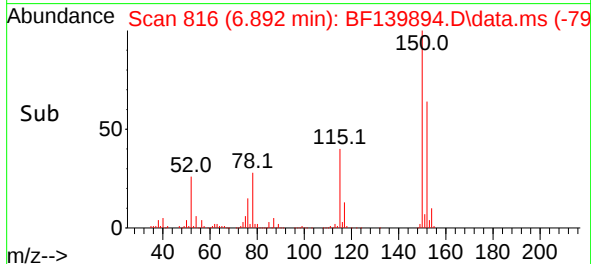
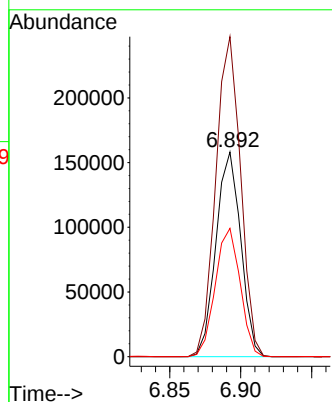
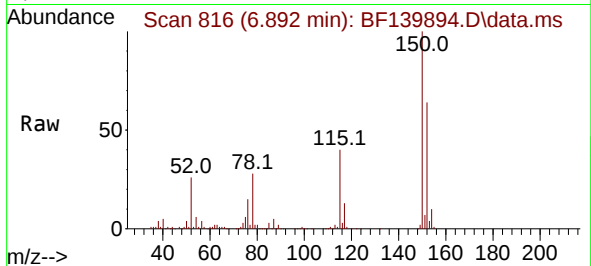




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF139894.D
Acq: 21 Oct 2024 10:58

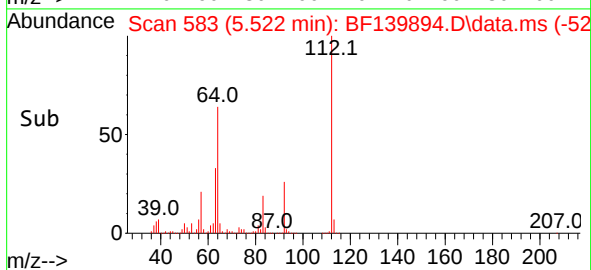
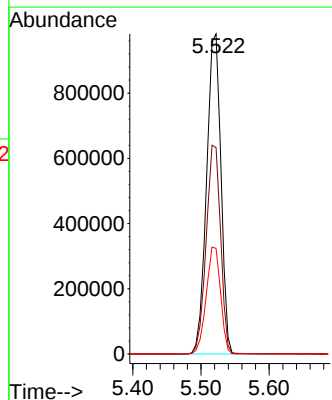
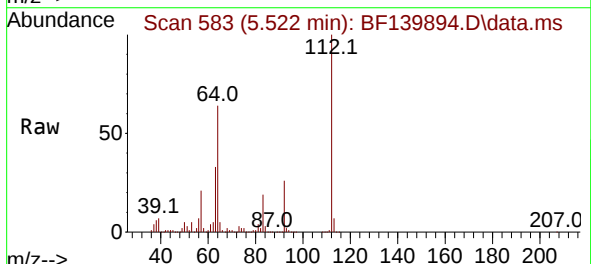
Instrument :
BNA_F
ClientSampleId :
VNJ-209

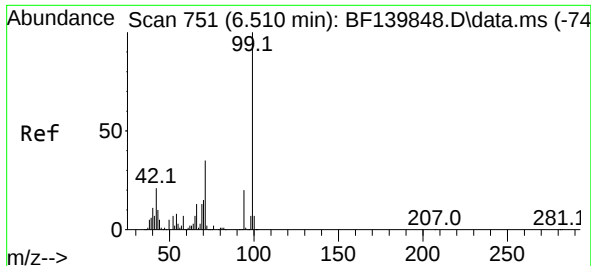
Tgt Ion:152 Resp: 191379
Ion Ratio Lower Upper
152 100
150 156.3 130.2 195.2
115 62.7 51.4 77.2



#5
2-Fluorophenol
Concen: 117.537 ng
RT: 5.522 min Scan# 583
Delta R.T. 0.024 min
Lab File: BF139894.D
Acq: 21 Oct 2024 10:58

Tgt Ion:112 Resp: 1436881
Ion Ratio Lower Upper
112 100
64 64.5 53.0 79.6
63 33.0 27.0 40.4



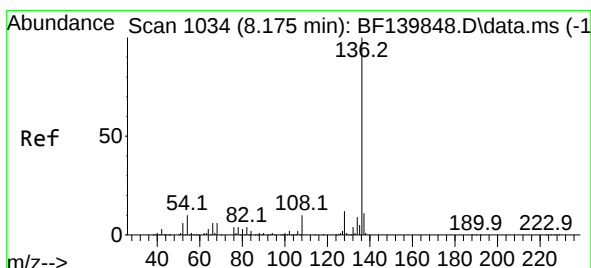
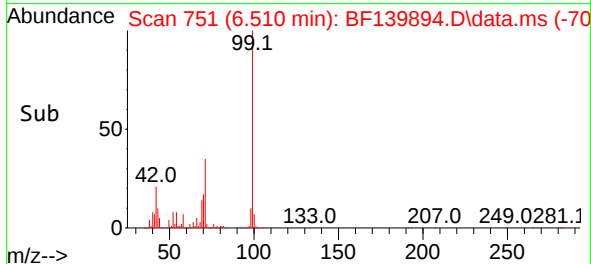
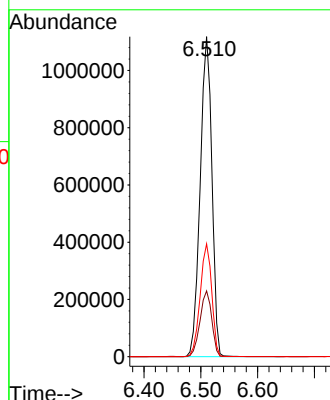
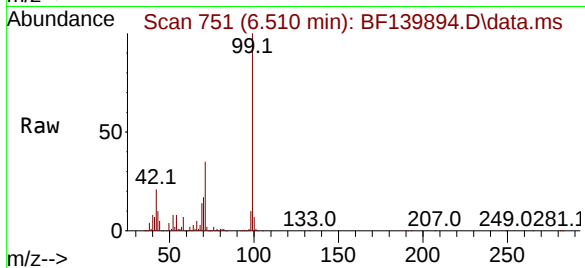


#7
Phenol-d6
Concen: 101.310 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF139894.D
Acq: 21 Oct 2024 10:58

Instrument :
BNA_F
ClientSampleId :
VNJ-209

Tgt Ion: 99 Resp: 1604068

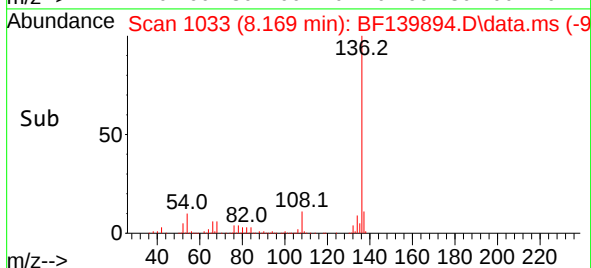
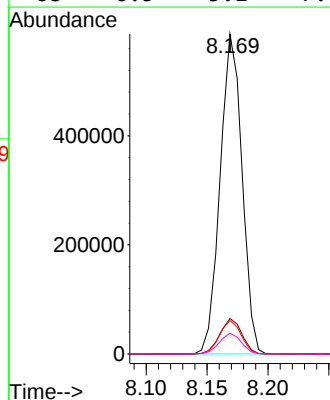
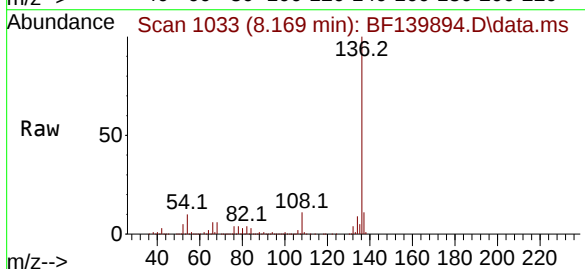
Ion	Ratio	Lower	Upper
99	100		
42	20.6	16.7	25.1
71	35.2	27.7	41.5

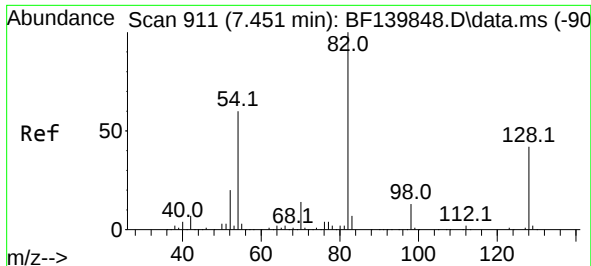


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139894.D
Acq: 21 Oct 2024 10:58

Tgt Ion: 136 Resp: 735596

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	10.4	8.4	12.6
68	6.5	5.1	7.7

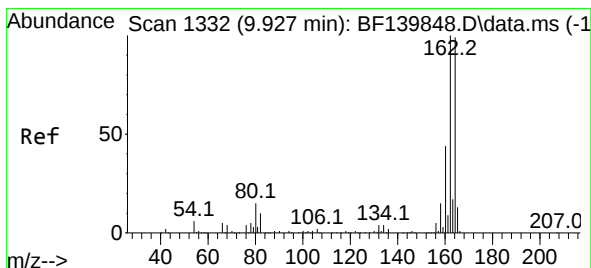
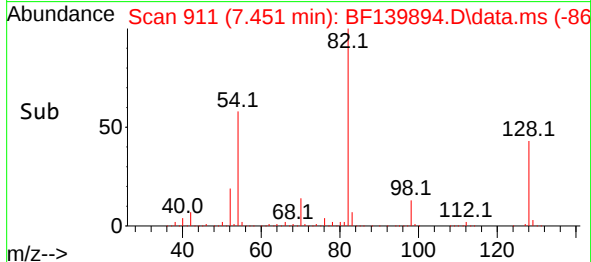
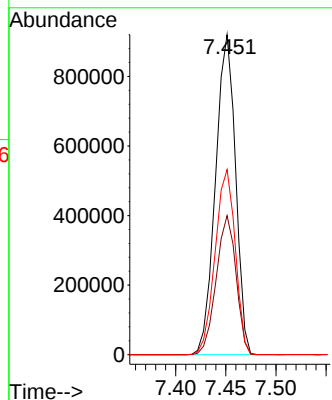
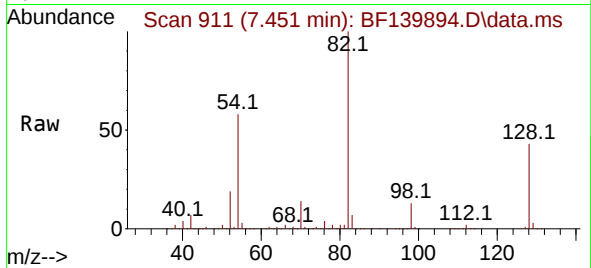




#23
Nitrobenzene-d5
Concen: 96.172 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF139894.D
Acq: 21 Oct 2024 10:58

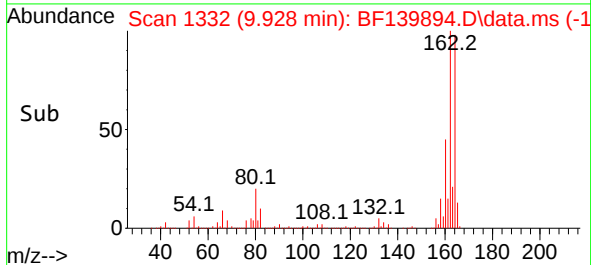
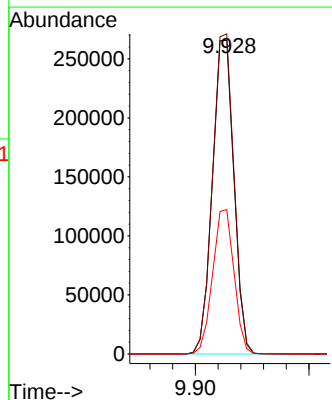
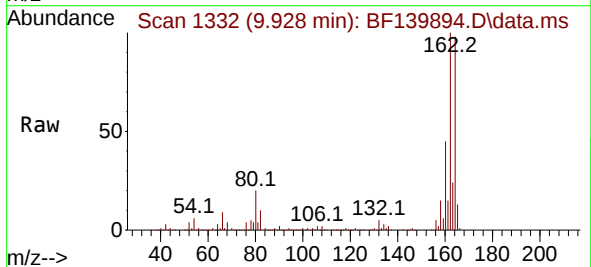
Instrument :
BNA_F
ClientSampleId :
VNJ-209

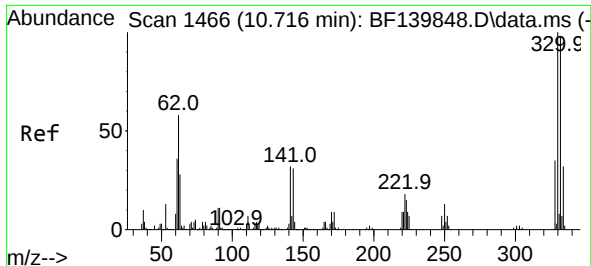
Tgt Ion: 82 Resp: 1276419
Ion Ratio Lower Upper
82 100
128 43.4 33.4 50.0
54 57.8 47.8 71.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1332
Delta R.T. 0.001 min
Lab File: BF139894.D
Acq: 21 Oct 2024 10:58

Tgt Ion: 164 Resp: 348508
Ion Ratio Lower Upper
164 100
162 102.0 81.0 121.4
160 46.0 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 162.614 ng

RT: 10.716 min Scan# 1466

Delta R.T. 0.000 min

Lab File: BF139894.D

Acq: 21 Oct 2024 10:58

Instrument :

BNA_F

ClientSampleId :

VNJ-209

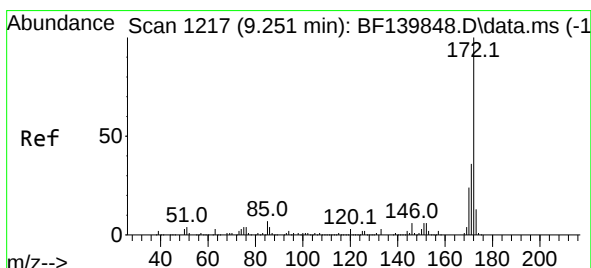
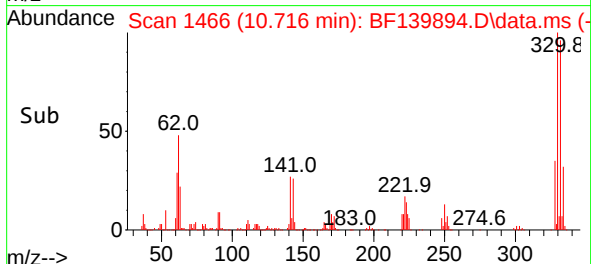
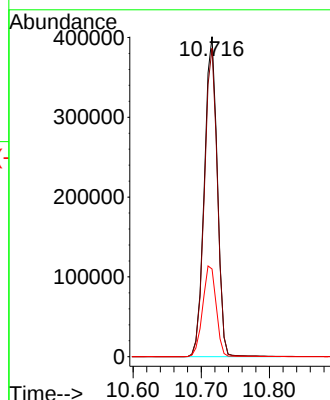
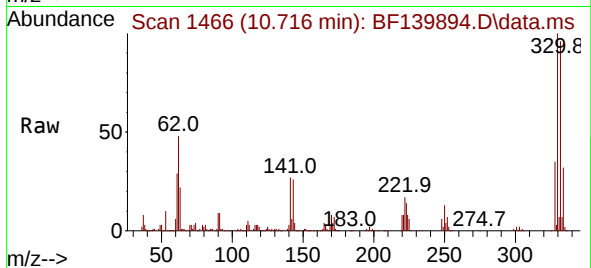
Tgt Ion:330 Resp: 530094

Ion Ratio Lower Upper

330 100

332 96.5 78.1 117.1

141 29.8 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 101.637 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139894.D

Acq: 21 Oct 2024 10:58

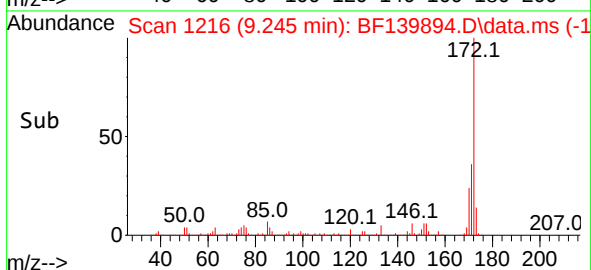
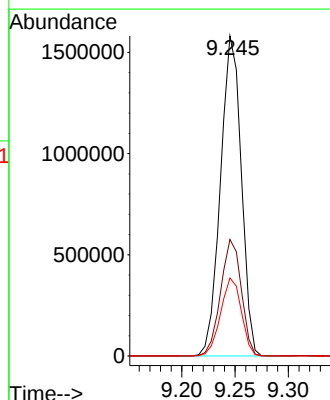
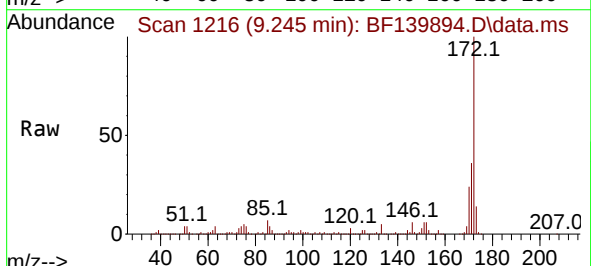
Tgt Ion:172 Resp: 2143238

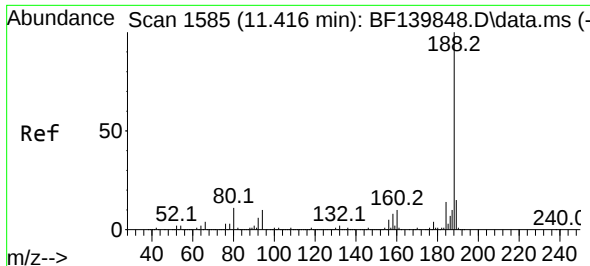
Ion Ratio Lower Upper

172 100

171 36.4 28.6 43.0

170 24.3 19.1 28.7

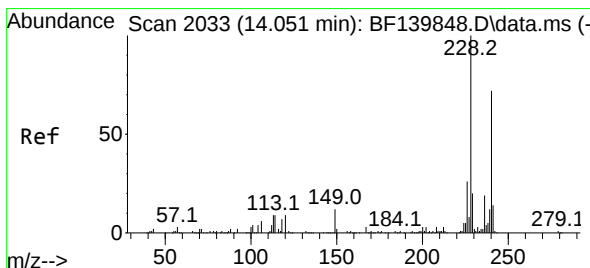
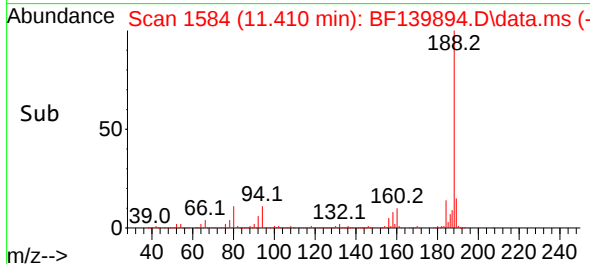
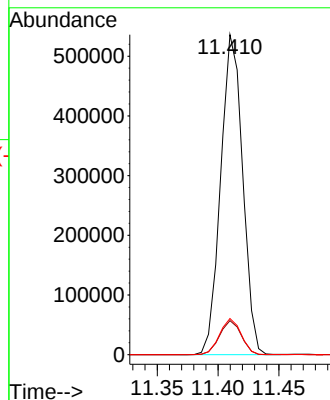
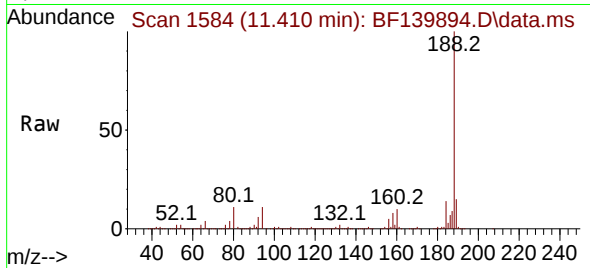




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF139894.D
Acq: 21 Oct 2024 10:58

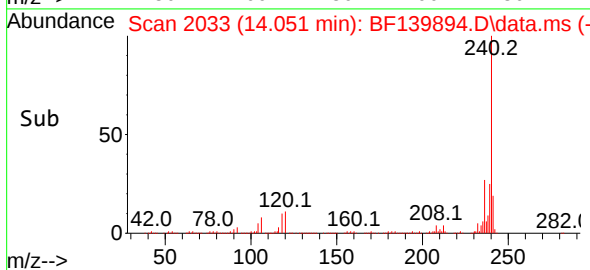
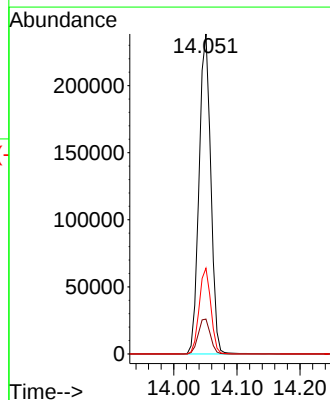
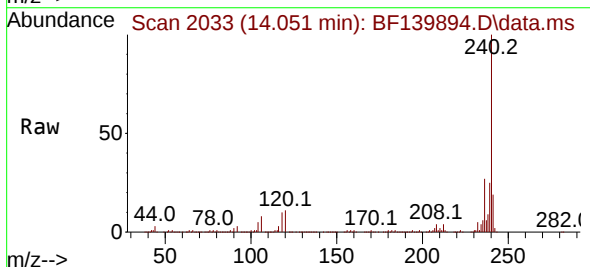
Instrument :
BNA_F
ClientSampleId :
VNJ-209

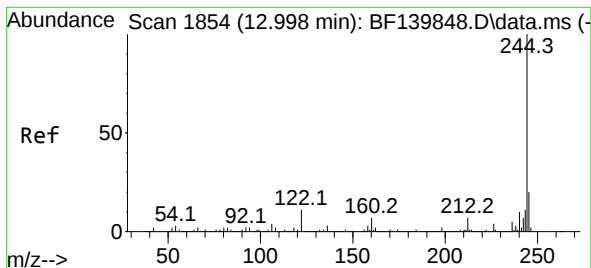
Tgt Ion:188 Resp: 674496
Ion Ratio Lower Upper
188 100
94 10.7 7.9 11.9
80 11.3 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF139894.D
Acq: 21 Oct 2024 10:58

Tgt Ion:240 Resp: 306144
Ion Ratio Lower Upper
240 100
120 10.9 9.4 14.2
236 26.8 20.9 31.3





#79

Terphenyl-d14

Concen: 111.980 ng

RT: 13.004 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139894.D

Acq: 21 Oct 2024 10:58

Instrument :

BNA_F

ClientSampleId :

VNJ-209

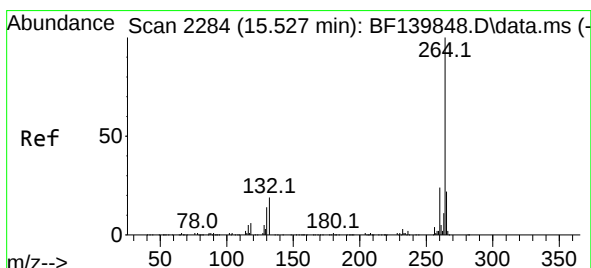
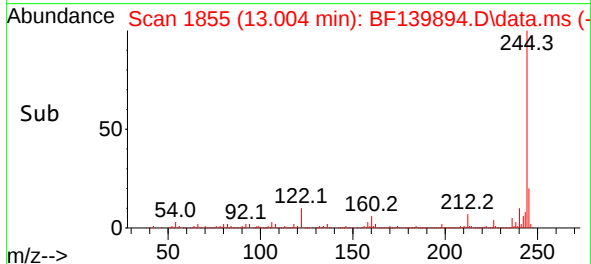
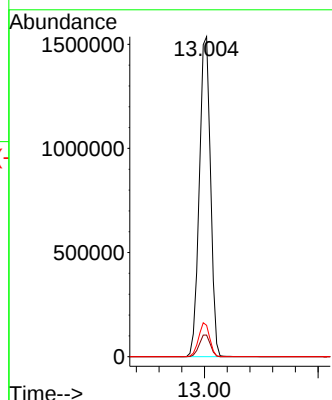
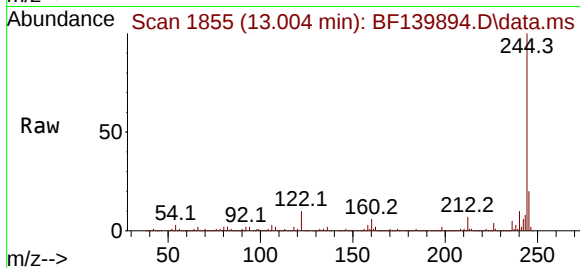
Tgt Ion:244 Resp: 2103856

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

122 9.8 8.6 13.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 2284

Delta R.T. 0.000 min

Lab File: BF139894.D

Acq: 21 Oct 2024 10:58

Tgt Ion:264 Resp: 55434

Ion Ratio Lower Upper

264 100

260 37.9 19.4 29.2#

265 20.7 17.4 26.0

