

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092524\
 Data File : BF139539.D
 Acq On : 25 Sep 2024 20:15
 Operator : RC/JU
 Sample : P4168-03 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-09242024

Quant Time: Sep 26 01:28:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	75104	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	275678	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	141735	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	223232	20.000	ng	# 0.00
76) Chrysene-d12	14.033	240	148865	20.000	ng	# 0.00
86) Perylene-d12	15.510	264	111318	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	96741	21.013	ng	0.00
7) Phenol-d6	6.498	99	124895	20.668	ng	0.00
23) Nitrobenzene-d5	7.434	82	79008	13.473	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	21418	14.194	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	140474	13.900	ng	0.00
79) Terphenyl-d14	12.980	244	120597	13.297	ng	0.00

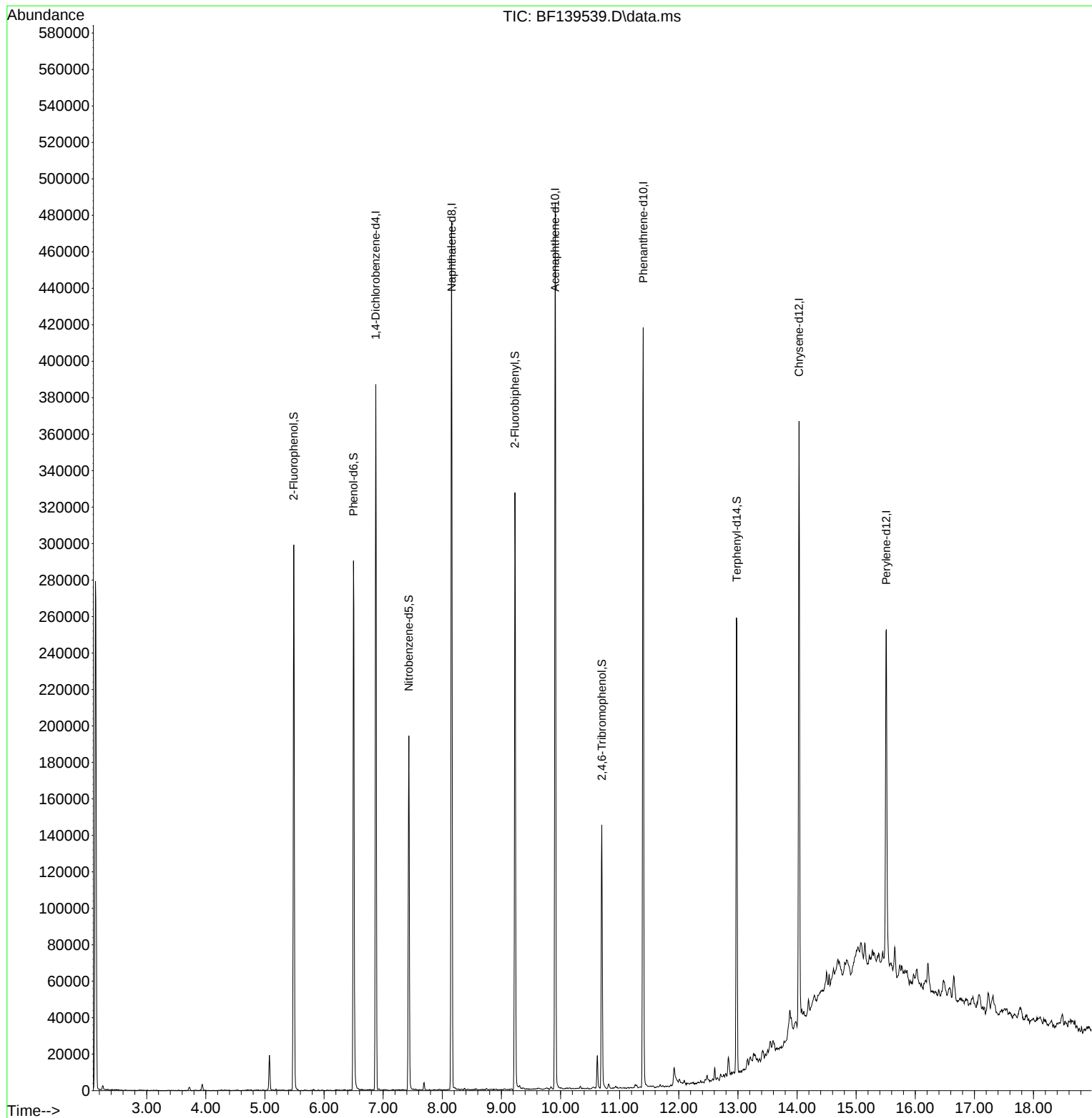
Target Compounds	Qvalue

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

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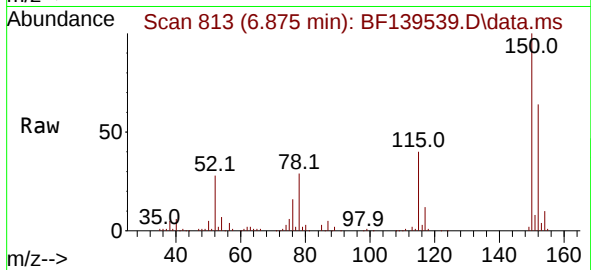
Quant Time: Sep 26 01:28:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
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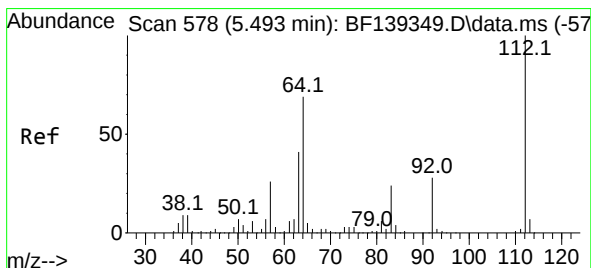
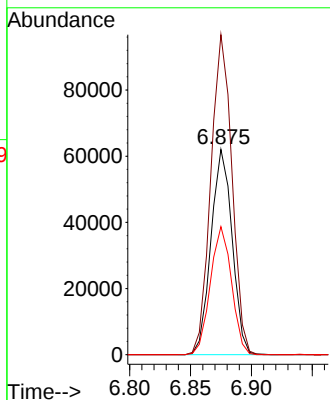
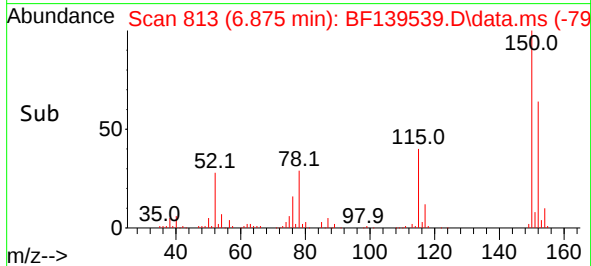


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139539.D
Acq: 25 Sep 2024 20:15

Instrument :
BNA_F
ClientSampleId :
SU-04-09242024

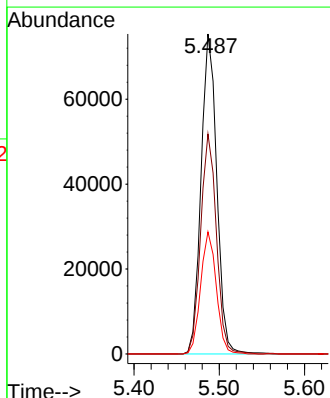
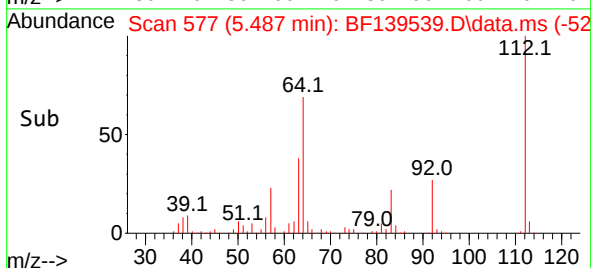
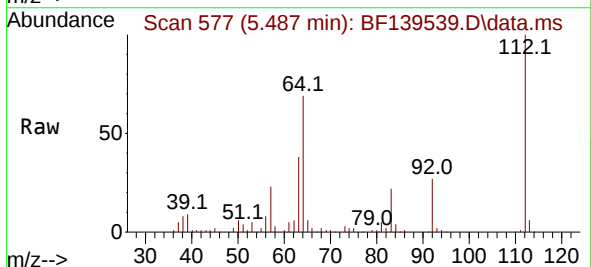


Tgt Ion:152 Resp: 75104
Ion Ratio Lower Upper
152 100
150 155.9 124.1 186.1
115 62.4 48.1 72.1



#5
2-Fluorophenol
Concen: 21.013 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.006 min
Lab File: BF139539.D
Acq: 25 Sep 2024 20:15

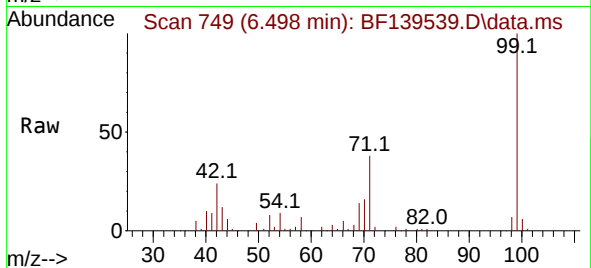
Tgt Ion:112 Resp: 96741
Ion Ratio Lower Upper
112 100
64 68.8 54.8 82.2
63 38.1 33.0 49.4



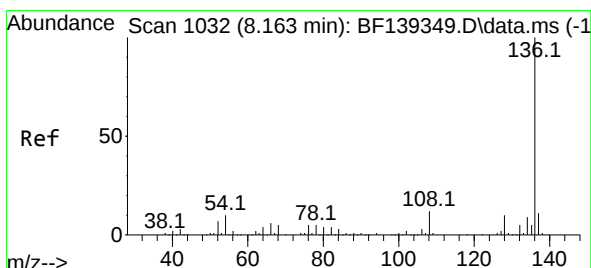
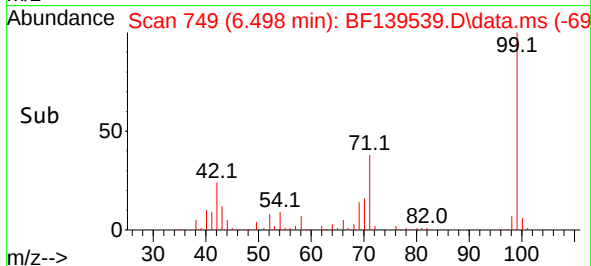
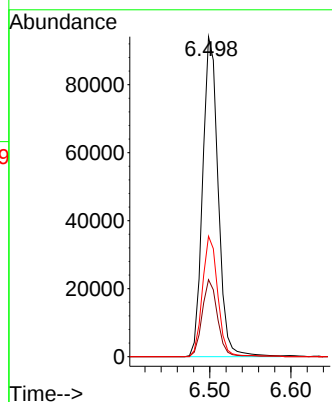


#7
Phenol-d6
Concen: 20.668 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139539.D
Acq: 25 Sep 2024 20:15

Instrument :
BNA_F
ClientSampleId :
SU-04-09242024

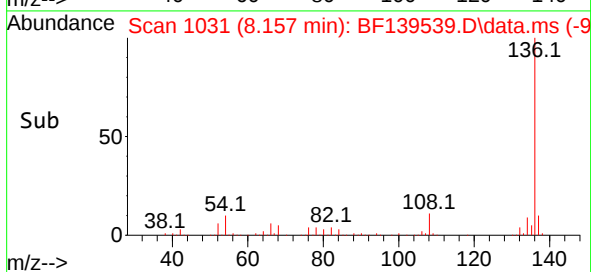
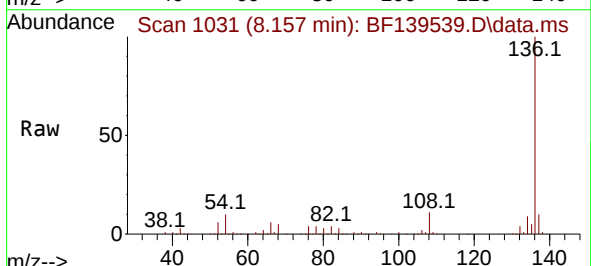
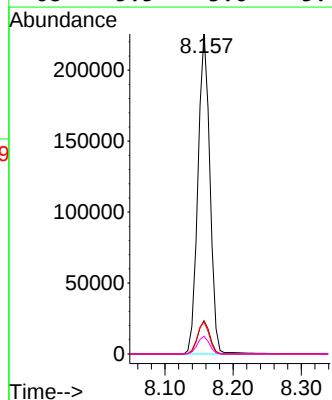


Tgt Ion:	99	Ratio	100	Lower	Upper
Ion	99	100			
	42	24.0		21.9	32.9
	71	37.6		34.6	52.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139539.D
Acq: 25 Sep 2024 20:15

Tgt Ion:	136	Ratio	100	Lower	Upper
Ion	136	100			
	137	10.4		8.6	12.8
	54	10.0		7.8	11.8
	68	5.5		3.6	5.4

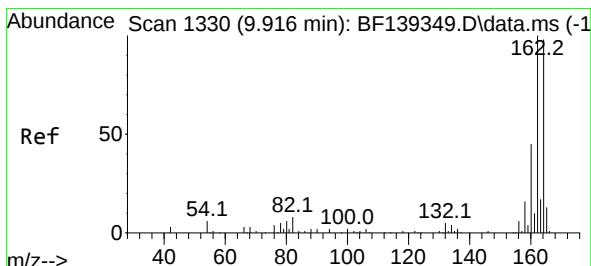
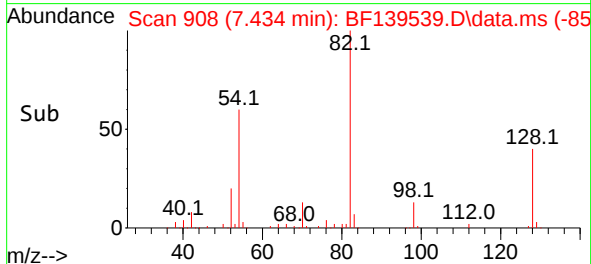
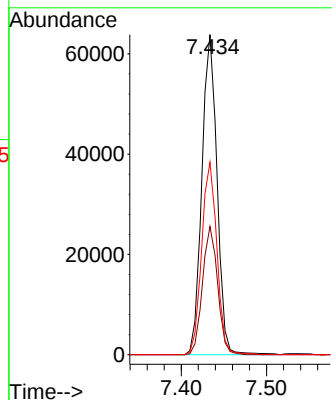
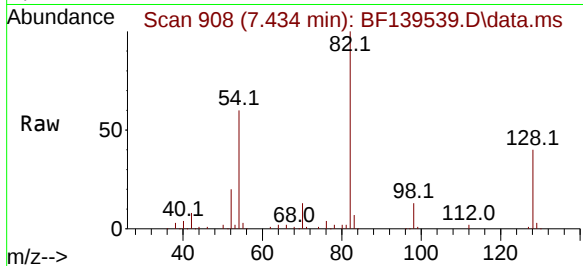




#23
Nitrobenzene-d5
Concen: 13.473 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.012 min
Lab File: BF139539.D
Acq: 25 Sep 2024 20:15

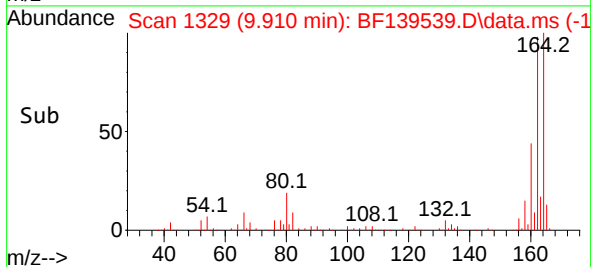
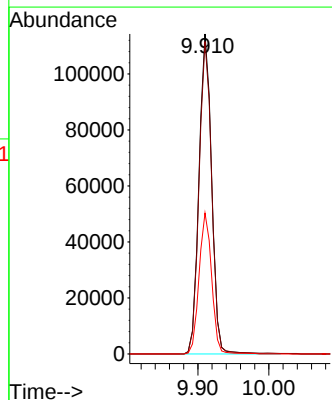
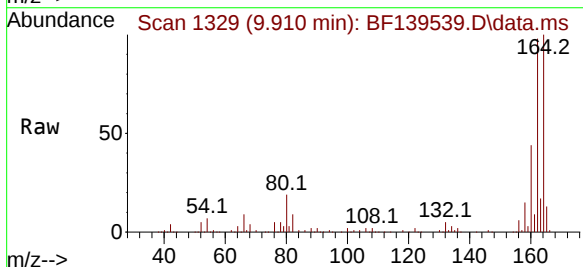
Instrument :
BNA_F
ClientSampleId :
SU-04-09242024

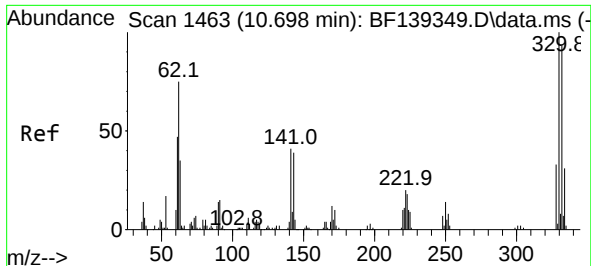
Tgt Ion: 82 Resp: 79008
Ion Ratio Lower Upper
82 100
128 40.0 31.8 47.6
54 60.1 50.6 75.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF139539.D
Acq: 25 Sep 2024 20:15

Tgt Ion:164 Resp: 141735
Ion Ratio Lower Upper
164 100
162 97.7 81.3 121.9
160 44.0 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 14.194 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.000 min

Lab File: BF139539.D

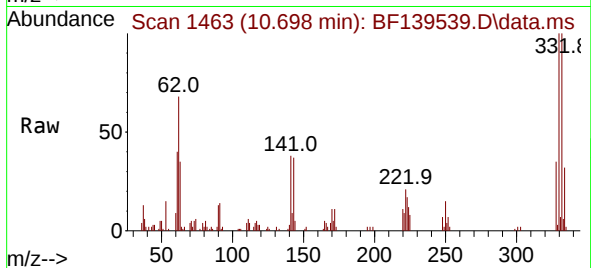
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Instrument :

BNA_F

ClientSampleId :

SU-04-09242024



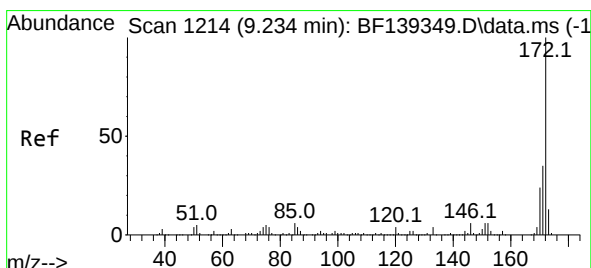
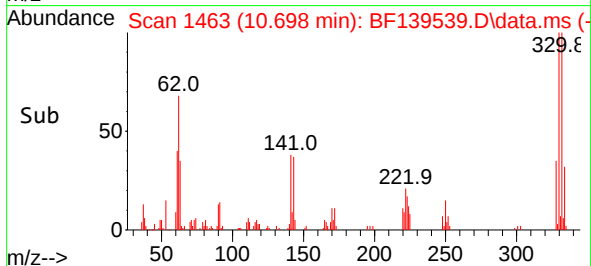
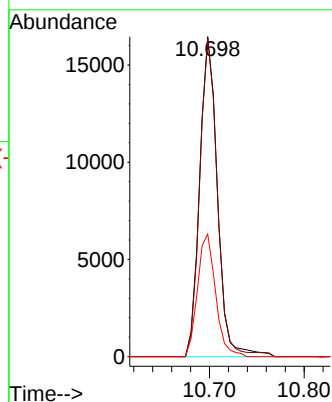
Tgt Ion:330 Resp: 21418

Ion Ratio Lower Upper

330 100

332 98.3 75.2 112.8

141 39.0 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 13.900 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF139539.D

Acq: 25 Sep 2024 20:15

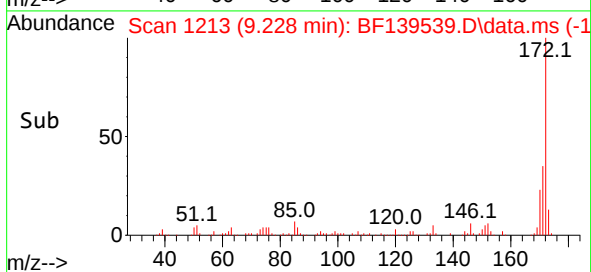
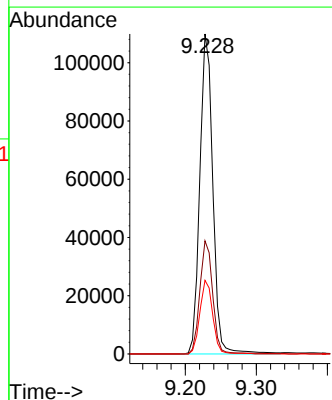
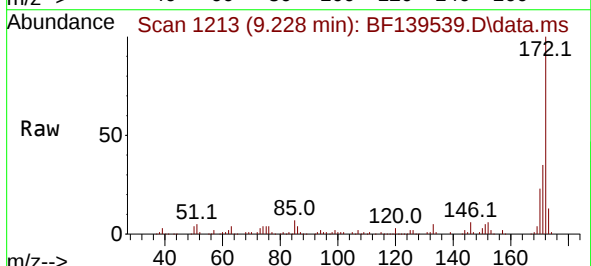
Tgt Ion:172 Resp: 140474

Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

170 23.0 19.0 28.6

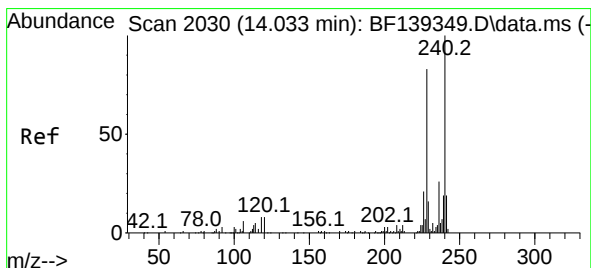
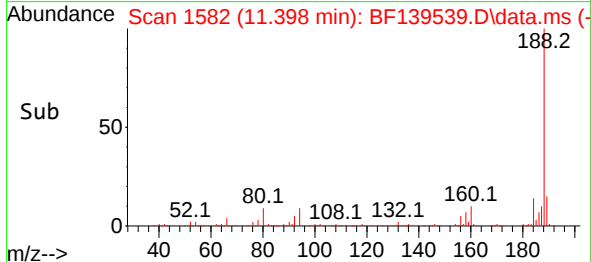
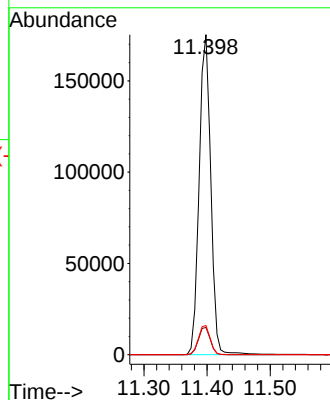
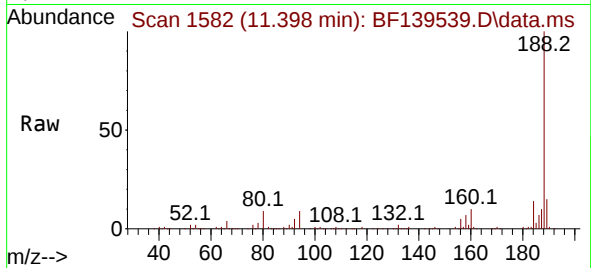




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139539.D
Acq: 25 Sep 2024 20:15

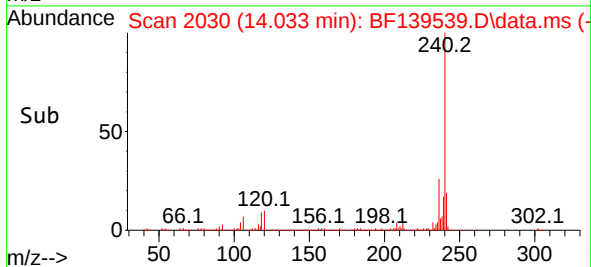
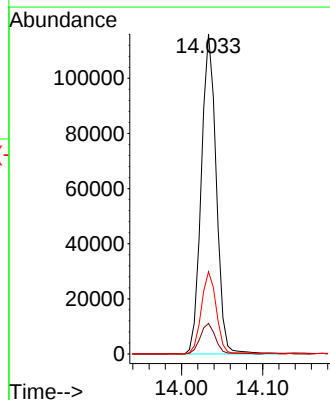
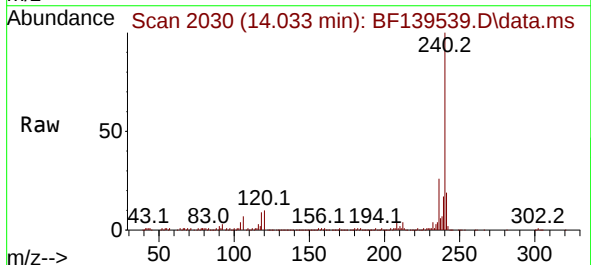
Instrument :
BNA_F
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SU-04-09242024

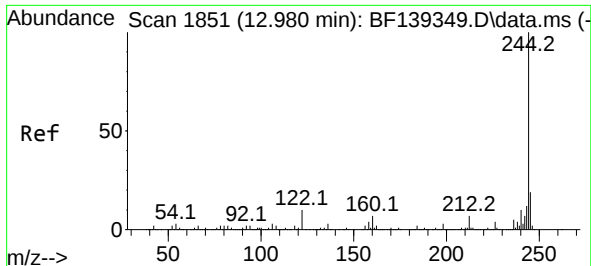
Tgt Ion:188 Resp: 223232
Ion Ratio Lower Upper
188 100
94 8.5 5.5 8.3#
80 9.1 6.6 9.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF139539.D
Acq: 25 Sep 2024 20:15

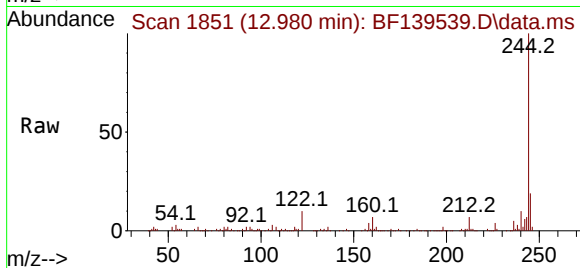
Tgt Ion:240 Resp: 148865
Ion Ratio Lower Upper
240 100
120 9.5 6.2 9.2#
236 25.7 20.9 31.3



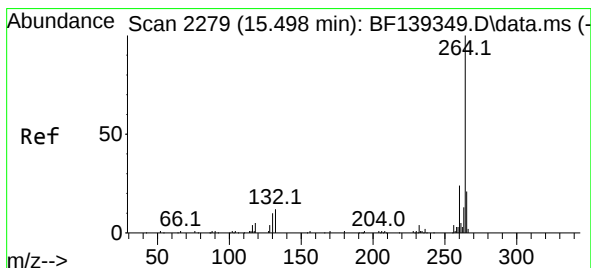
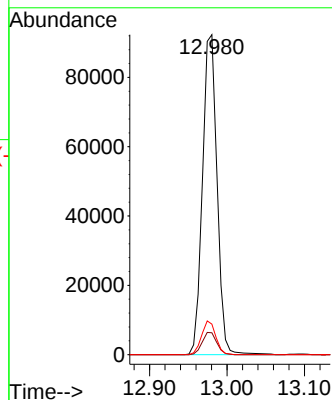
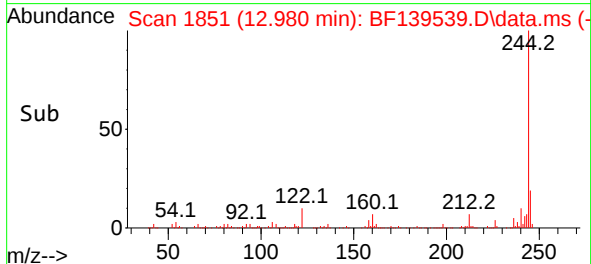


#79
 Terphenyl-d14
 Concen: 13.297 ng
 RT: 12.980 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF139539.D
 Acq: 25 Sep 2024 20:15

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-09242024



Tgt Ion:244 Resp: 120597
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 9.6 7.6 11.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.510 min Scan# 2281
 Delta R.T. 0.012 min
 Lab File: BF139539.D
 Acq: 25 Sep 2024 20:15

Tgt Ion:264 Resp: 111318
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.5 29.3
 265 21.1 16.6 25.0

