

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091124\
 Data File : BF139328.D
 Acq On : 11 Sep 2024 16:24
 Operator : RC/JU
 Sample : P3906-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-701-COMP-01

Quant Time: Sep 11 16:50:00 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	98904	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	372628	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	209756	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	402152	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	207478	20.000	ng	-0.01
86) Perylene-d12	15.510	264	119401	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	711534	120.349	ng	0.00
7) Phenol-d6	6.510	99	886639	112.336	ng	0.00
23) Nitrobenzene-d5	7.445	82	646156	90.210	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	288981	159.545	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1183842	87.122	ng	-0.01
79) Terphenyl-d14	12.992	244	1395244	108.577	ng	0.00

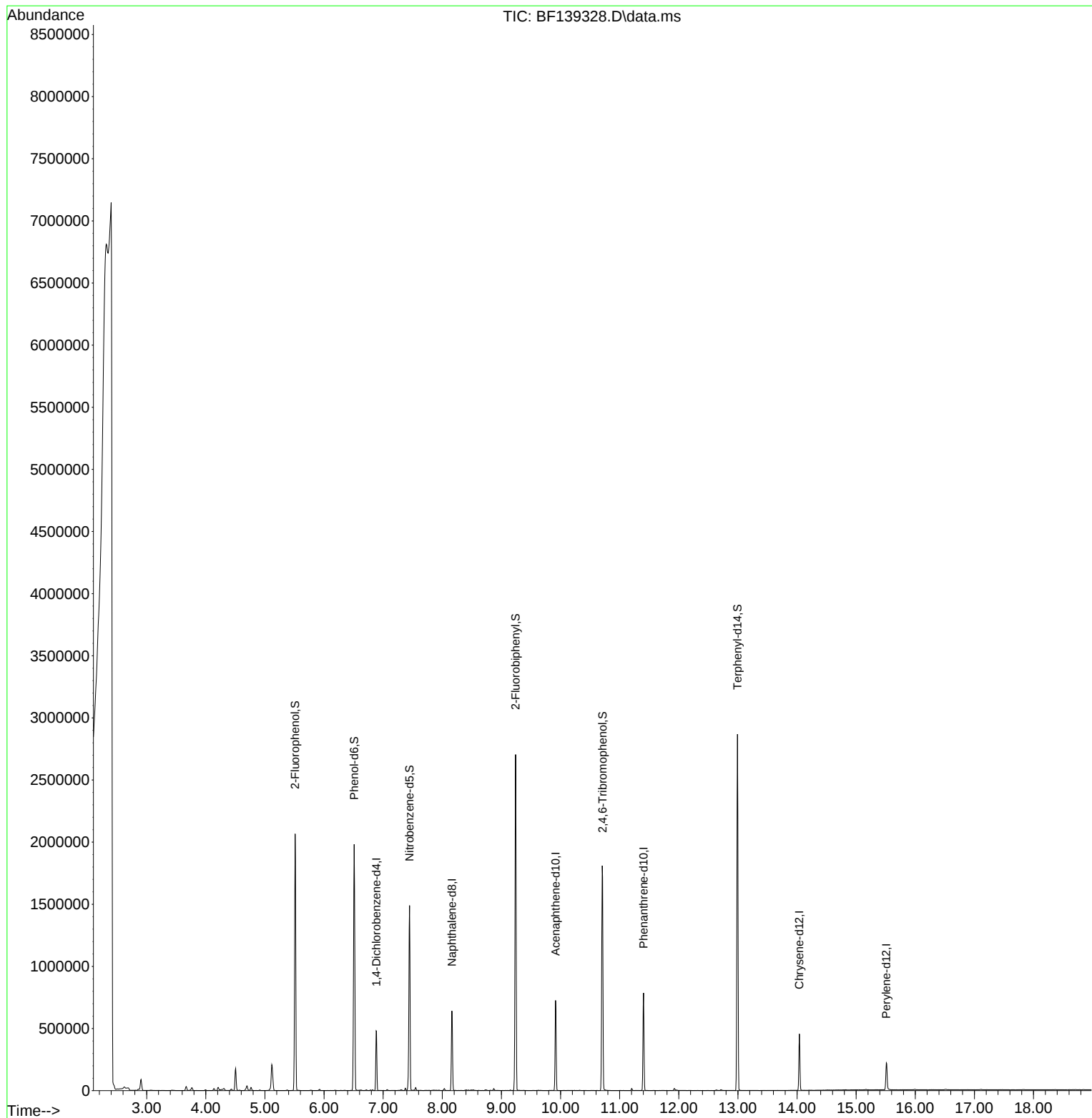
Target Compounds	Qvalue

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

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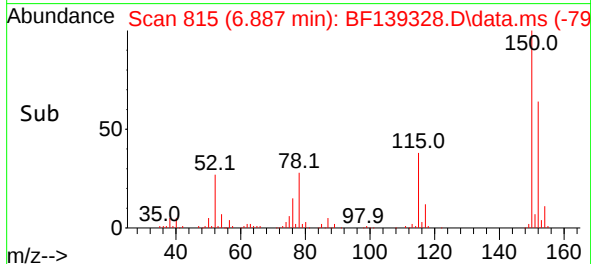
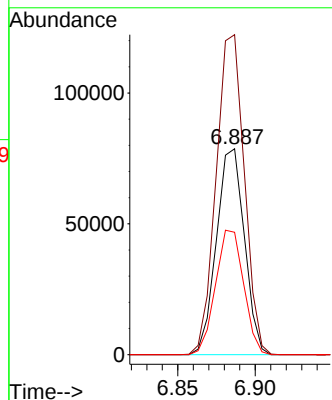
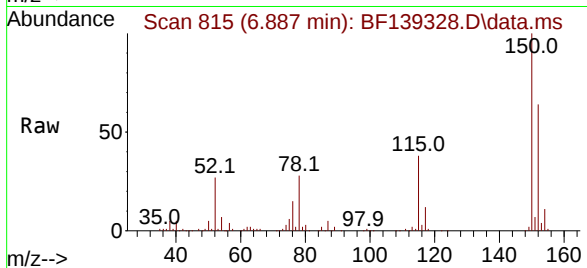




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF139328.D
Acq: 11 Sep 2024 16:24

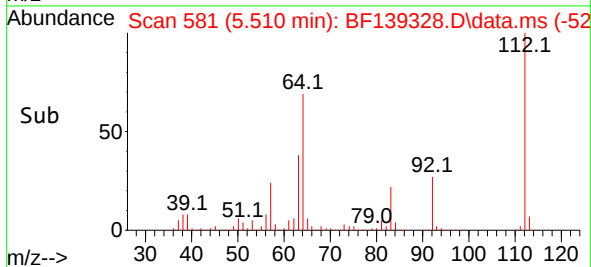
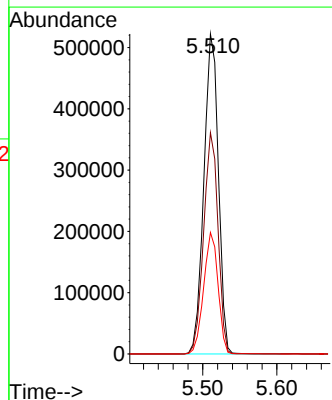
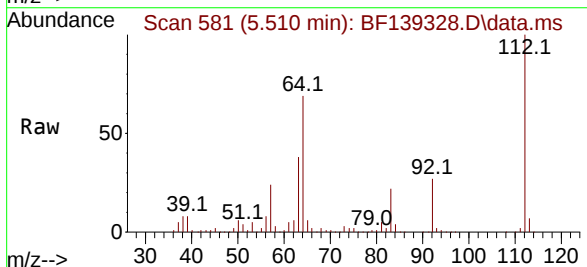
Instrument :
BNA_F
ClientSampleId :
SU-701-COMP-01

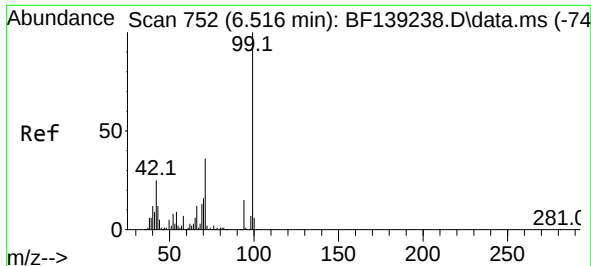
Tgt Ion:152 Resp: 98904
Ion Ratio Lower Upper
152 100
150 155.4 127.0 190.4
115 59.4 46.9 70.3



#5
2-Fluorophenol
Concen: 120.349 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.006 min
Lab File: BF139328.D
Acq: 11 Sep 2024 16:24

Tgt Ion:112 Resp: 711534
Ion Ratio Lower Upper
112 100
64 69.2 55.0 82.4
63 37.9 29.9 44.9

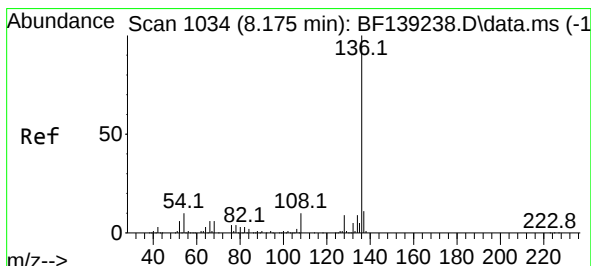
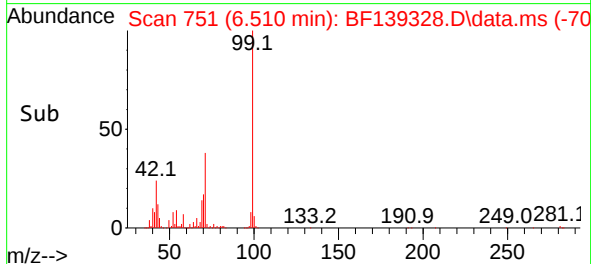
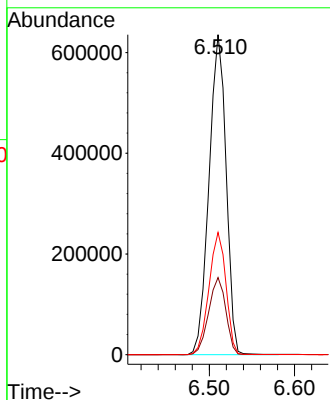
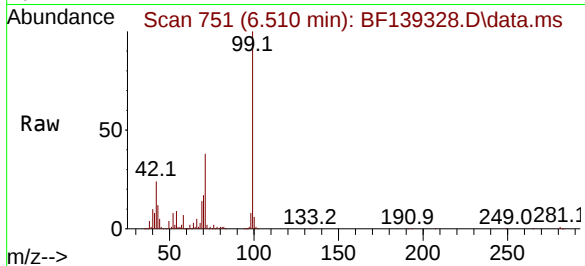




#7
Phenol-d6
Concen: 112.336 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139328.D
Acq: 11 Sep 2024 16:24

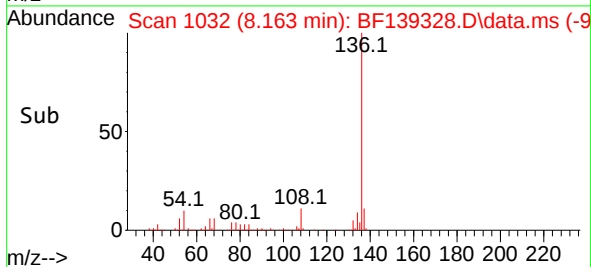
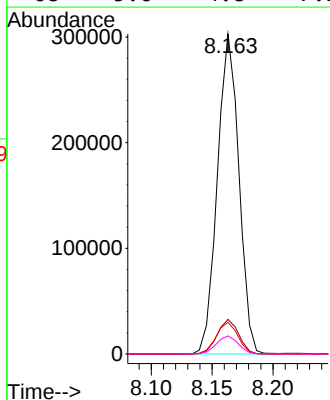
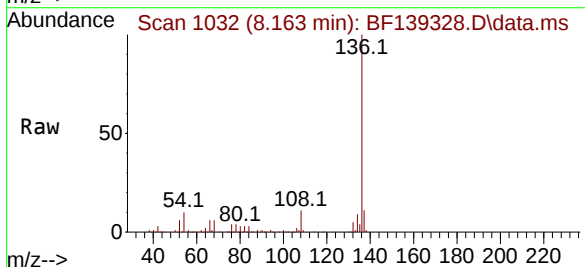
Instrument :
BNA_F
ClientSampleId :
SU-701-COMP-01

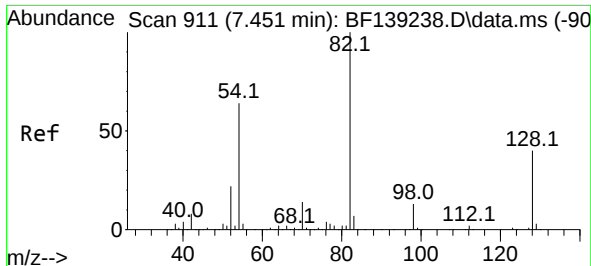
Tgt Ion: 99 Resp: 886639
Ion Ratio Lower Upper
99 100
42 24.1 19.8 29.6
71 38.2 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BF139328.D
Acq: 11 Sep 2024 16:24

Tgt Ion: 136 Resp: 372628
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.9 8.4 12.6
68 5.6 4.8 7.2





#23

Nitrobenzene-d5

Concen: 90.210 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF139328.D

Acq: 11 Sep 2024 16:24

Instrument :

BNA_F

ClientSampleId :

SU-701-COMP-01

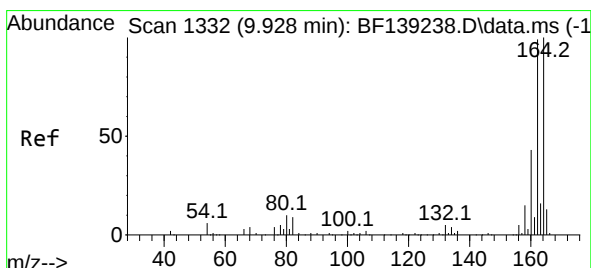
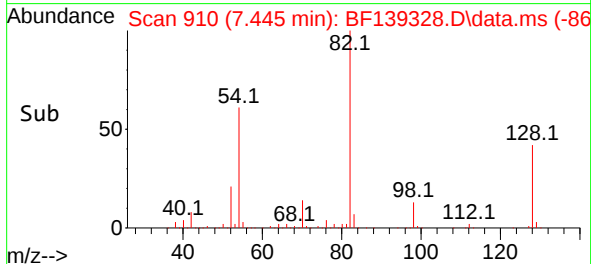
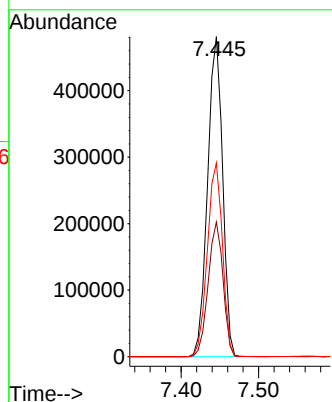
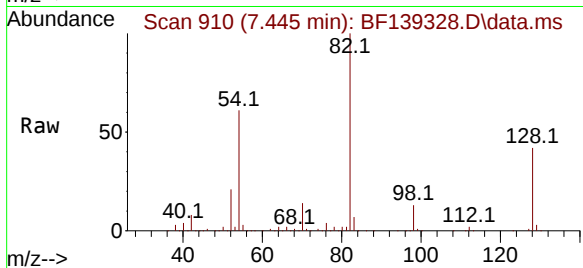
Tgt Ion: 82 Resp: 646156

Ion Ratio Lower Upper

82 100

128 42.1 32.3 48.5

54 60.6 51.2 76.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1330

Delta R.T. -0.012 min

Lab File: BF139328.D

Acq: 11 Sep 2024 16:24

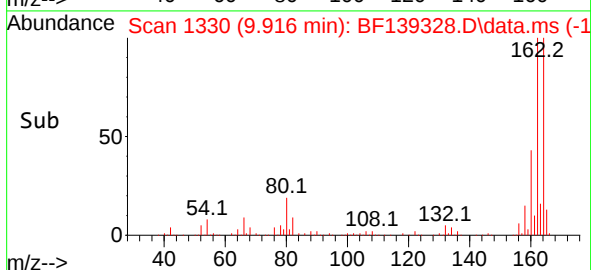
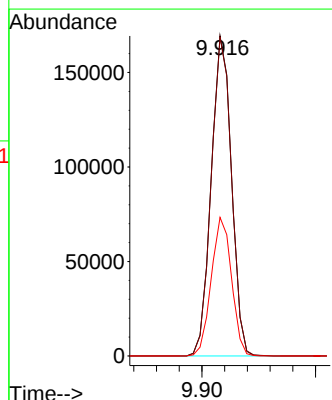
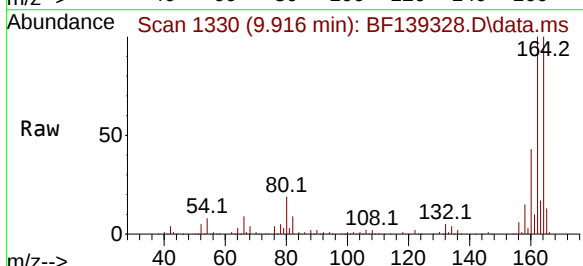
Tgt Ion:164 Resp: 209756

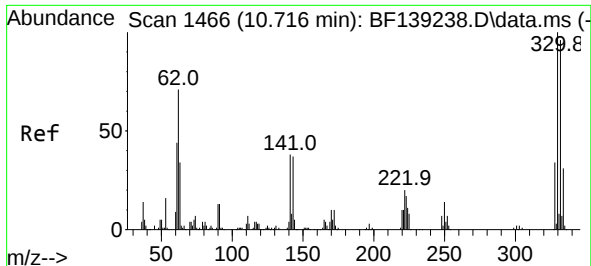
Ion Ratio Lower Upper

164 100

162 99.6 79.2 118.8

160 43.3 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 159.545 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.006 min

Lab File: BF139328.D

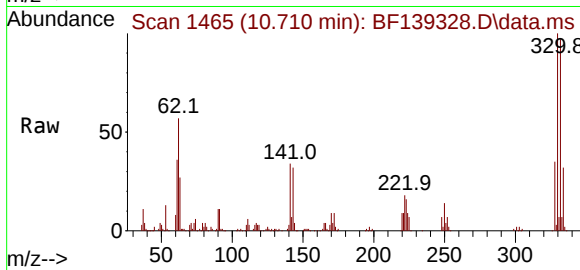
Acq: 11 Sep 2024 16:24

Instrument :

BNA_F

ClientSampleId :

SU-701-COMP-01



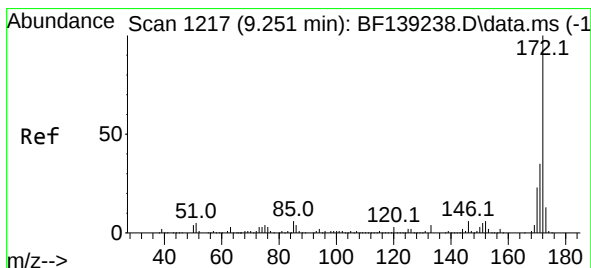
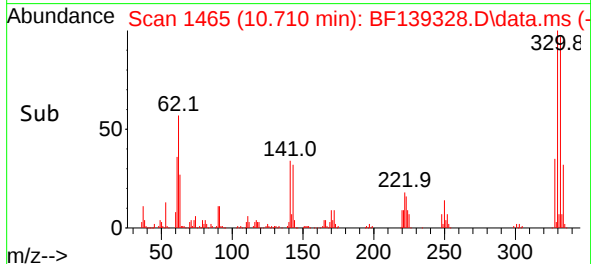
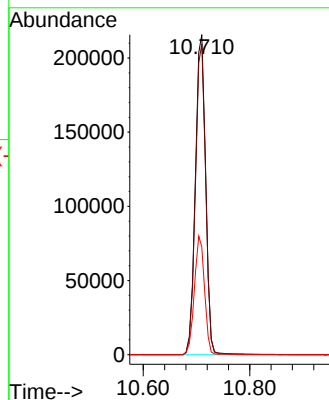
Tgt Ion:330 Resp: 288981

Ion Ratio Lower Upper

330 100

332 96.5 76.6 115.0

141 36.5 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 87.122 ng

RT: 9.239 min Scan# 1215

Delta R.T. -0.012 min

Lab File: BF139328.D

Acq: 11 Sep 2024 16:24

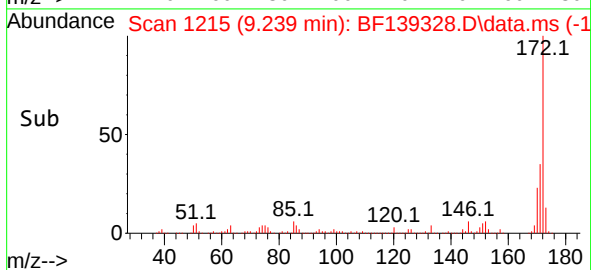
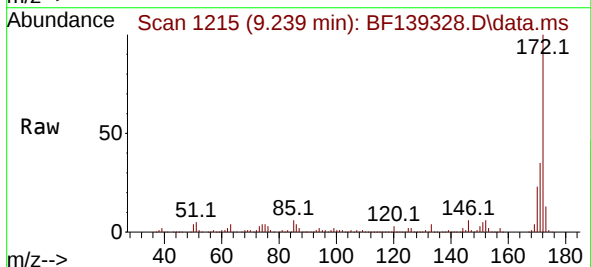
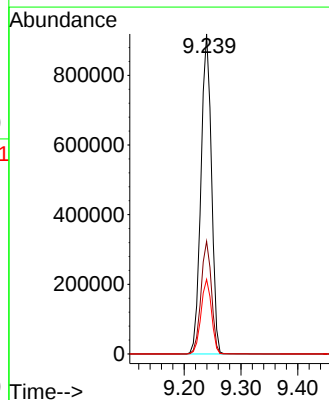
Tgt Ion:172 Resp: 1183842

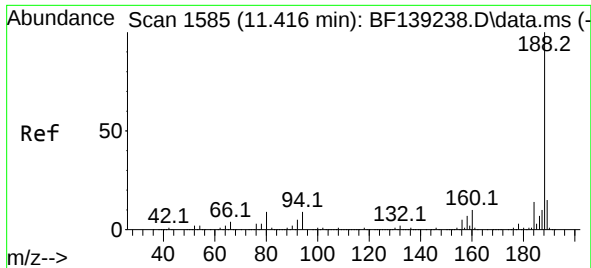
Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 23.3 18.7 28.1

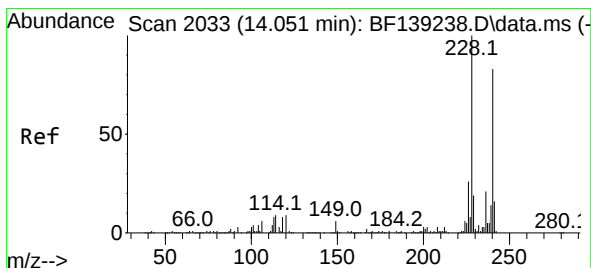
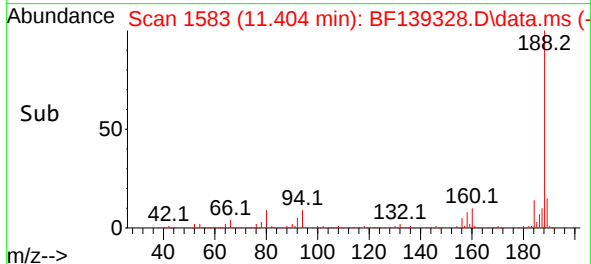
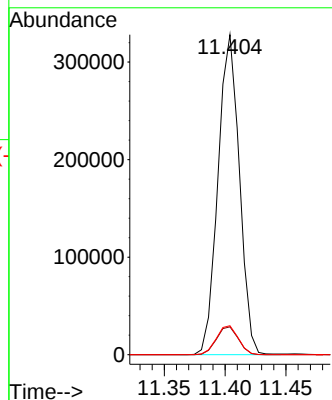
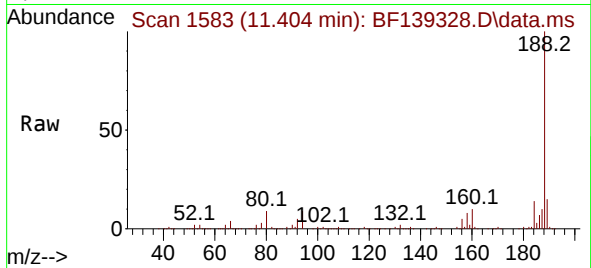




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF139328.D
Acq: 11 Sep 2024 16:24

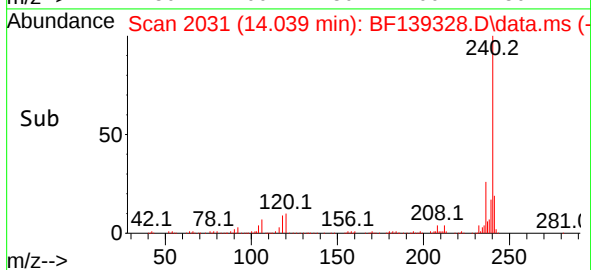
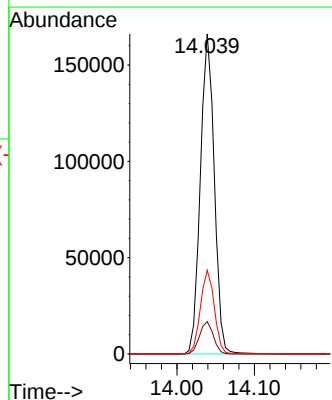
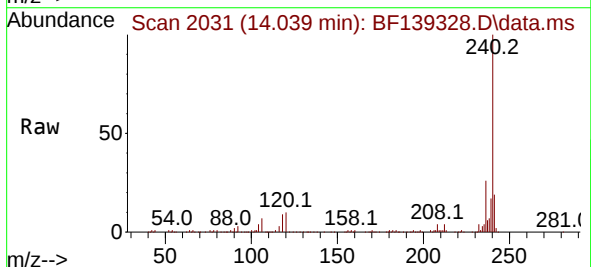
Instrument :
BNA_F
ClientSampleId :
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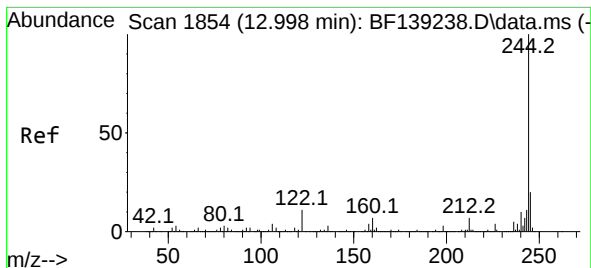
Tgt Ion:188 Resp: 402152
Ion Ratio Lower Upper
188 100
94 8.7 7.0 10.4
80 9.1 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. -0.012 min
Lab File: BF139328.D
Acq: 11 Sep 2024 16:24

Tgt Ion:240 Resp: 207478
Ion Ratio Lower Upper
240 100
120 10.1 8.6 12.8
236 26.2 20.7 31.1





#79

Terphenyl-d14

Concen: 108.577 ng

RT: 12.992 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139328.D

Acq: 11 Sep 2024 16:24

Instrument :

BNA_F

ClientSampleId :

SU-701-COMP-01

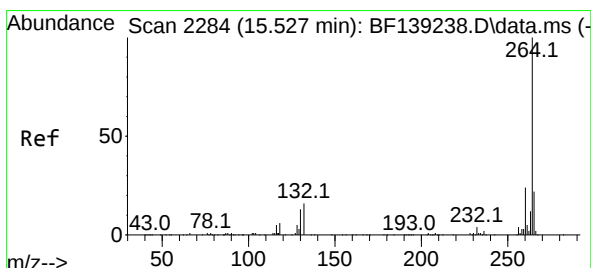
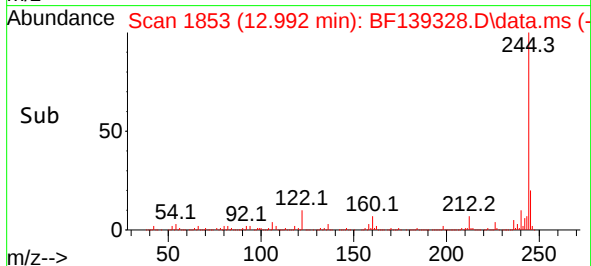
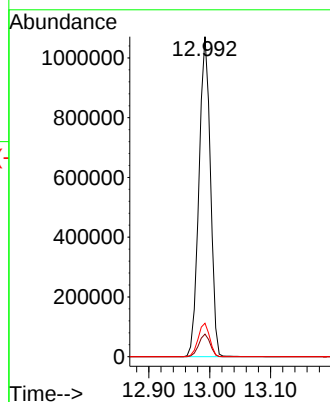
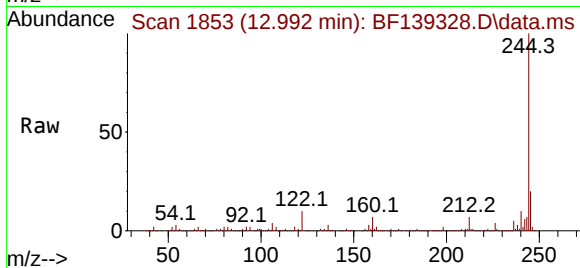
Tgt Ion:244 Resp: 1395244

Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

122 10.5 8.7 13.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.510 min Scan# 2281

Delta R.T. -0.018 min

Lab File: BF139328.D

Acq: 11 Sep 2024 16:24

Tgt Ion:264 Resp: 119401

Ion Ratio Lower Upper

264 100

260 23.9 18.8 28.2

265 21.5 17.3 25.9

