

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082724\
 Data File : BF139187.D
 Acq On : 27 Aug 2024 15:18
 Operator : RC/JU
 Sample : P3747-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SLNP-DEMO

Quant Time: Aug 27 15:58:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 27 02:51:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	63493	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	234691	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	128707	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	211091	20.000	ng	0.00
76) Chrysene-d12	14.045	240	148640	20.000	ng	0.00
86) Perylene-d12	15.521	264	128673	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	363800	96.281	ng	0.00
7) Phenol-d6	6.510	99	505215	97.424	ng	-0.01
23) Nitrobenzene-d5	7.451	82	331913	78.350	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	99998	90.717	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	602380	72.701	ng	0.00
79) Terphenyl-d14	12.992	244	573858	60.240	ng	0.00

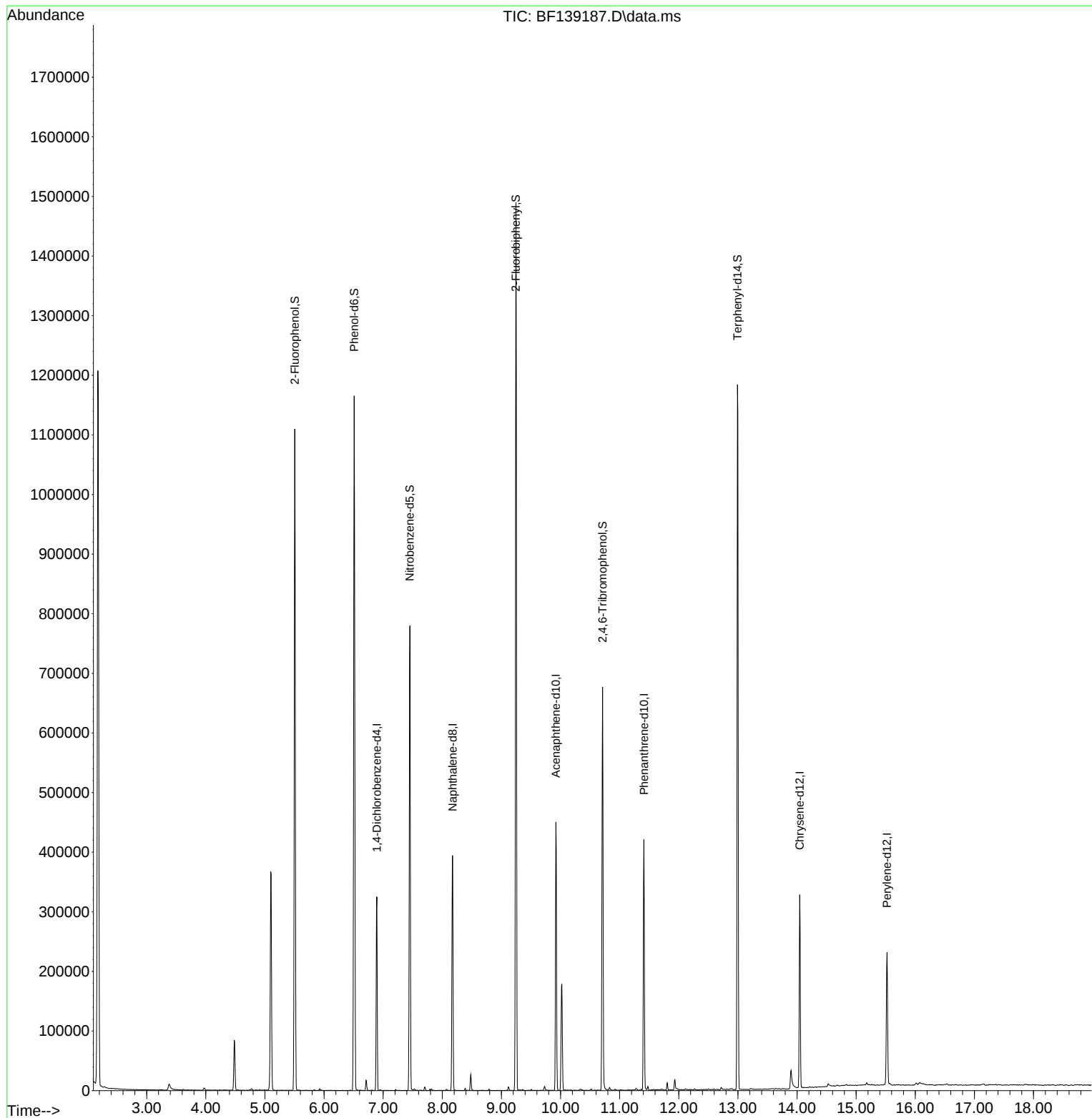
Target Compounds	Qvalue

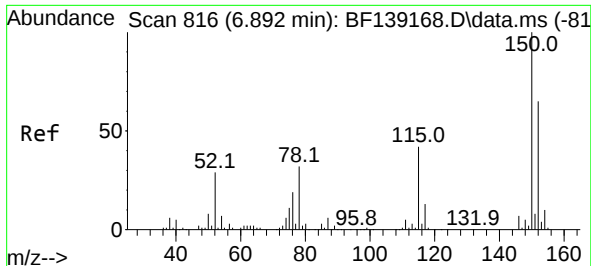
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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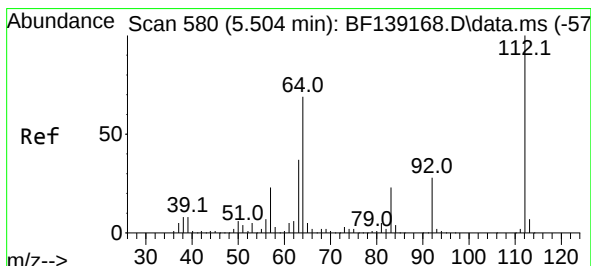
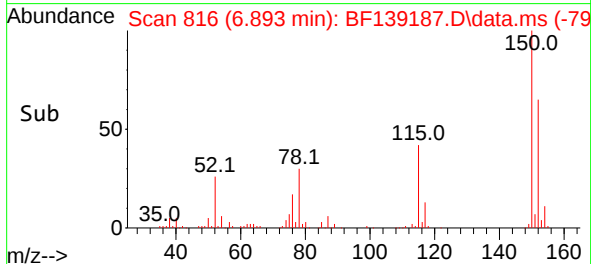
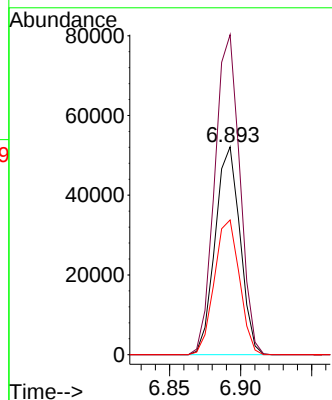
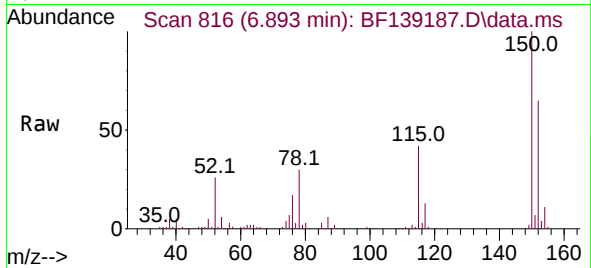




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 816
Delta R.T. 0.001 min
Lab File: BF139187.D
Acq: 27 Aug 2024 15:18

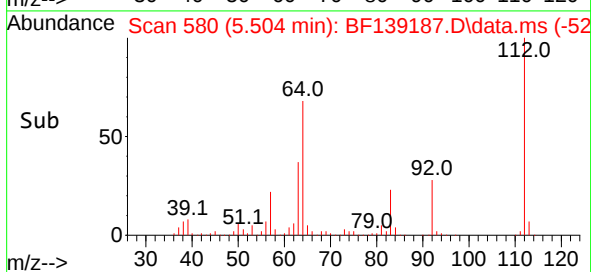
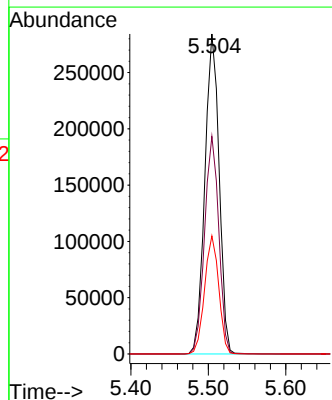
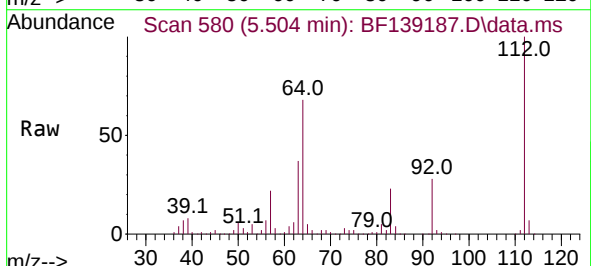
Instrument :
BNA_F
ClientSampleId :
SLNP-DEMO

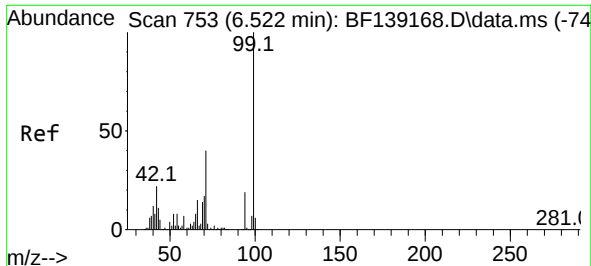
Tgt Ion:152 Resp: 63493
Ion Ratio Lower Upper
152 100
150 154.0 123.7 185.5
115 64.8 51.8 77.8



#5
2-Fluorophenol
Concen: 96.281 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.000 min
Lab File: BF139187.D
Acq: 27 Aug 2024 15:18

Tgt Ion:112 Resp: 363800
Ion Ratio Lower Upper
112 100
64 68.0 55.5 83.3
63 36.9 29.8 44.6

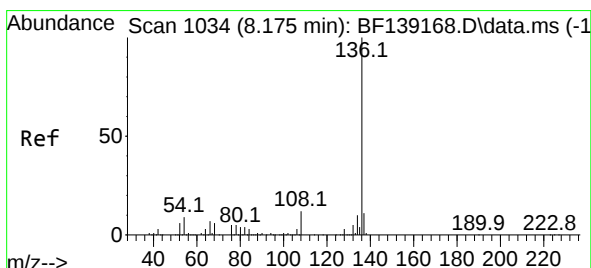
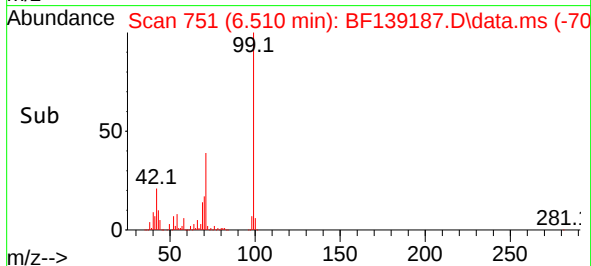
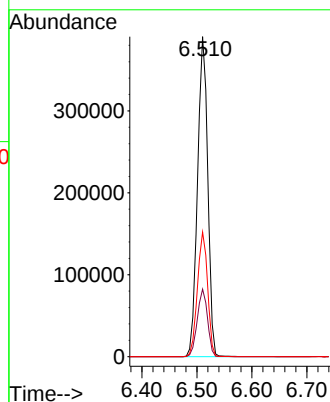
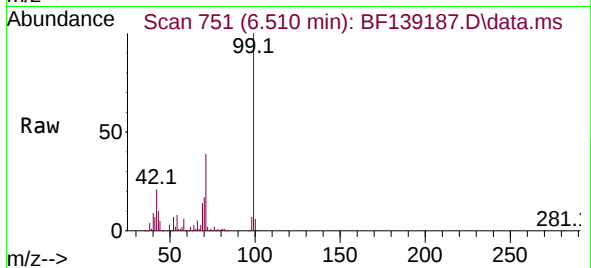




#7
Phenol-d6
Concen: 97.424 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF139187.D
Acq: 27 Aug 2024 15:18

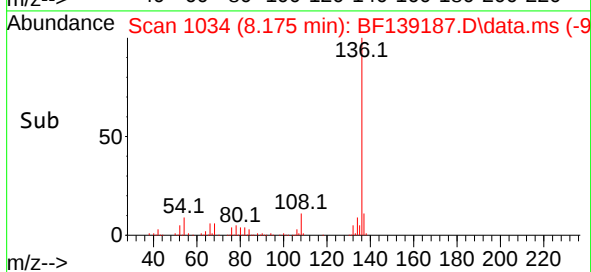
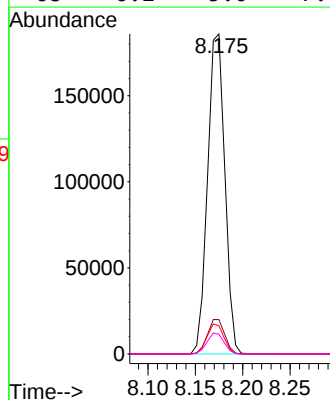
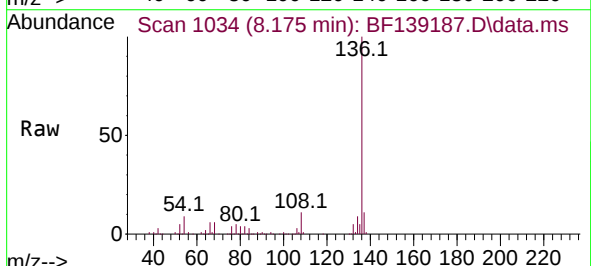
Instrument :
BNA_F
ClientSampleId :
SLNP-DEMO

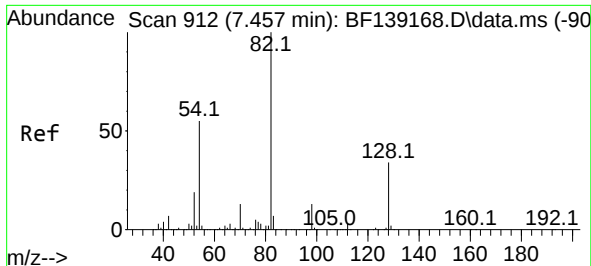
Tgt Ion: 99 Resp: 505215
Ion Ratio Lower Upper
99 100
42 21.1 17.9 26.9
71 39.0 31.7 47.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF139187.D
Acq: 27 Aug 2024 15:18

Tgt Ion: 136 Resp: 234691
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 8.8 7.6 11.4
68 6.2 5.0 7.6





#23

Nitrobenzene-d5

Concen: 78.350 ng

RT: 7.451 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF139187.D

Acq: 27 Aug 2024 15:18

Instrument :

BNA_F

ClientSampleId :

SLNP-DEMO

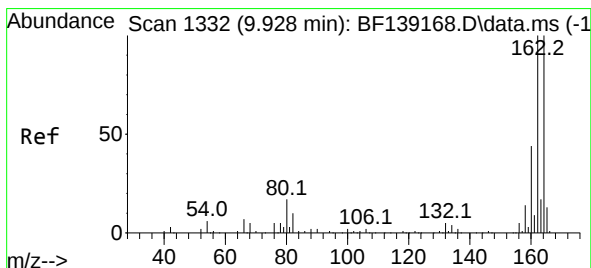
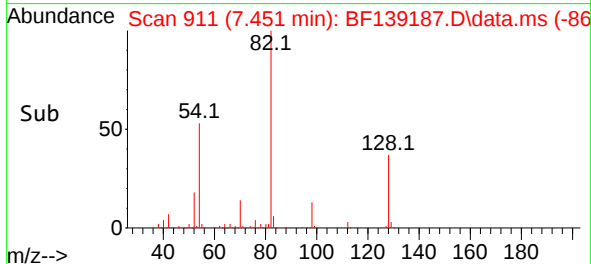
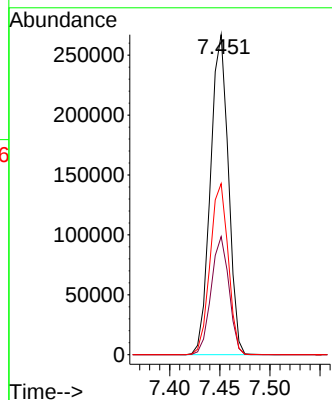
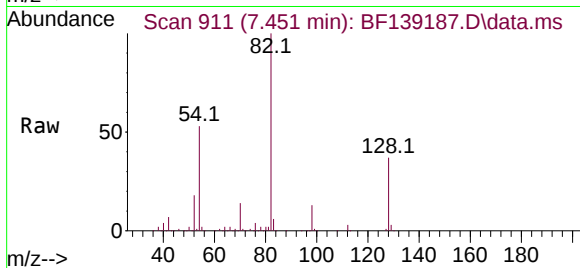
Tgt Ion: 82 Resp: 331913

Ion Ratio Lower Upper

82 100

128 36.9 27.1 40.7

54 53.5 44.2 66.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1331

Delta R.T. -0.006 min

Lab File: BF139187.D

Acq: 27 Aug 2024 15:18

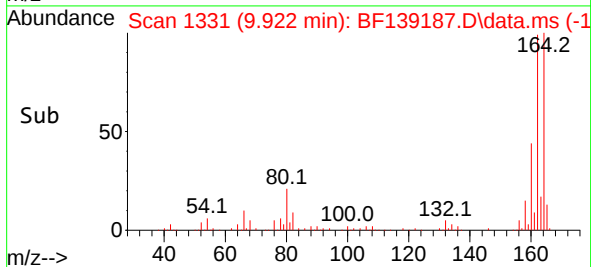
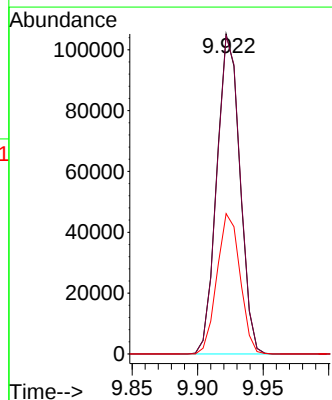
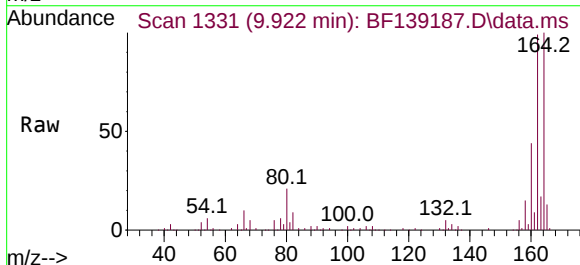
Tgt Ion:164 Resp: 128707

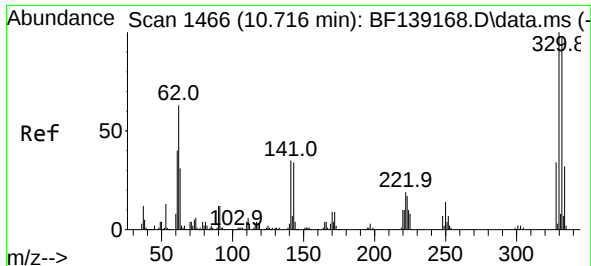
Ion Ratio Lower Upper

164 100

162 99.5 80.0 120.0

160 43.8 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 90.717 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.006 min

Lab File: BF139187.D

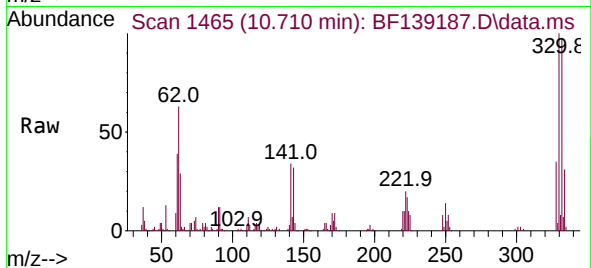
Acq: 27 Aug 2024 15:18

Instrument :

BNA_F

ClientSampleId :

SLNP-DEMO



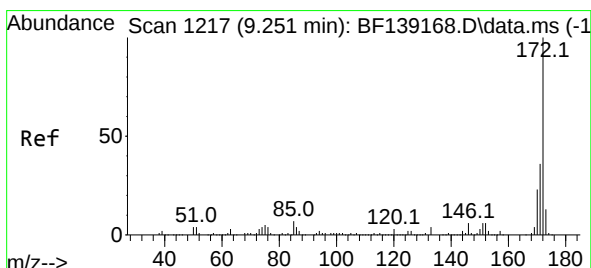
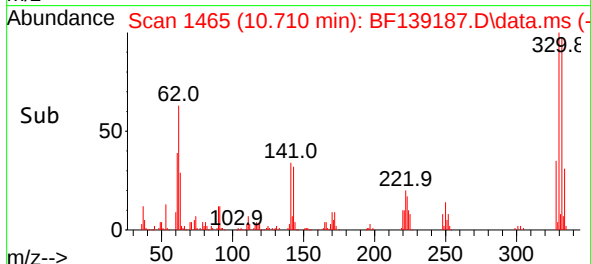
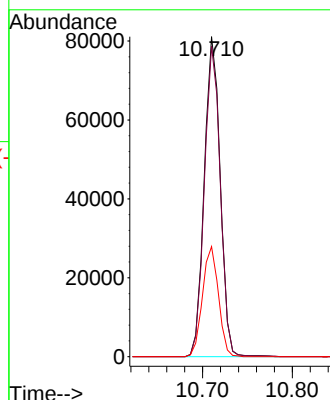
Tgt Ion:330 Resp: 99998

Ion Ratio Lower Upper

330 100

332 96.9 77.3 115.9

141 34.4 28.8 43.2



#45

2-Fluorobiphenyl

Concen: 72.701 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139187.D

Acq: 27 Aug 2024 15:18

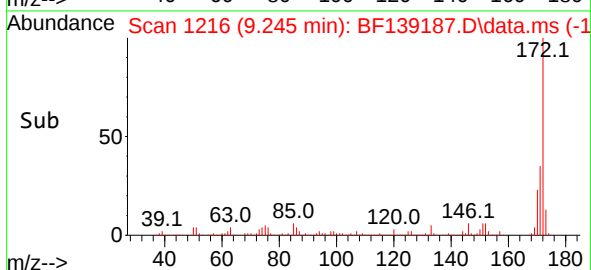
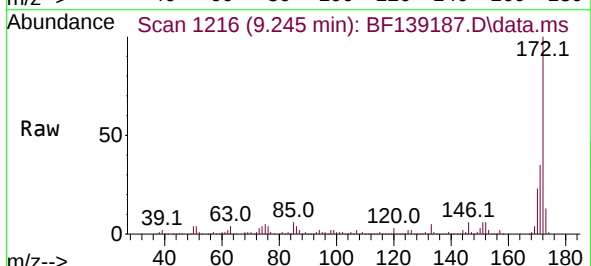
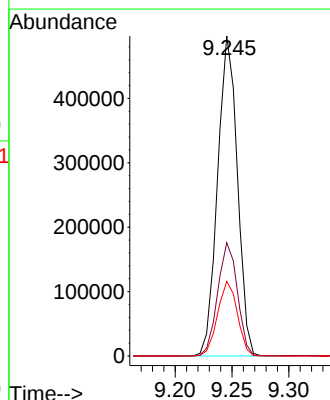
Tgt Ion:172 Resp: 602380

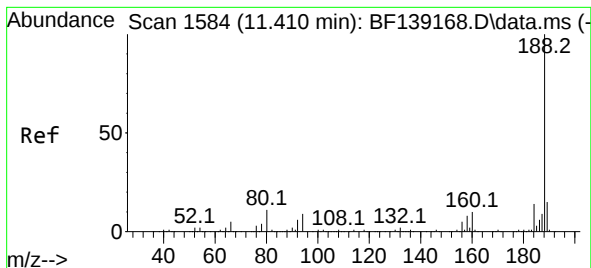
Ion Ratio Lower Upper

172 100

171 35.4 28.6 42.8

170 23.3 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139187.D

Acq: 27 Aug 2024 15:18

Instrument :

BNA_F

ClientSampleId :

SLNP-DEMO

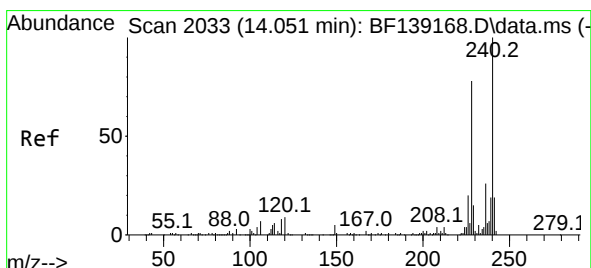
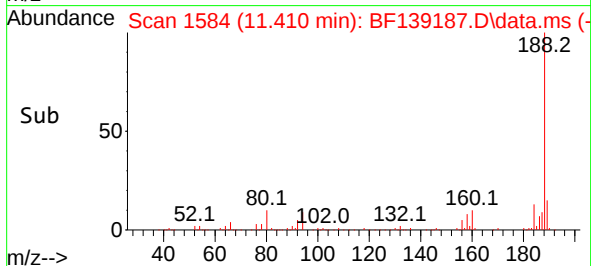
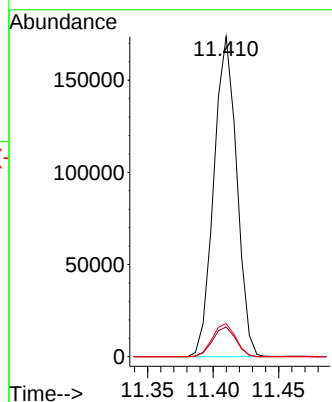
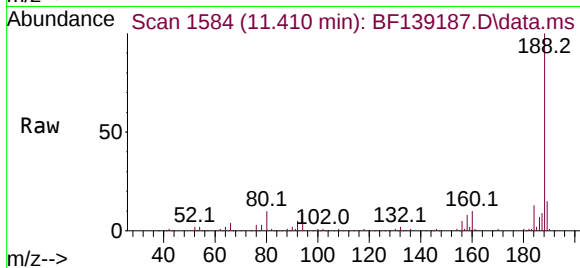
Tgt Ion:188 Resp: 211091

Ion Ratio Lower Upper

188 100

94 9.3 7.4 11.2

80 10.3 8.9 13.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF139187.D

Acq: 27 Aug 2024 15:18

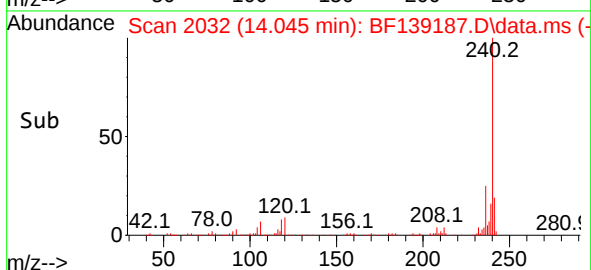
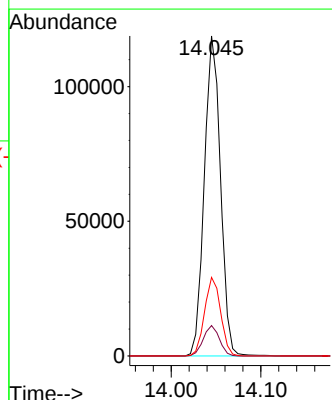
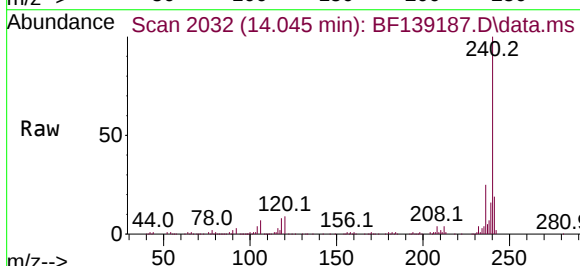
Tgt Ion:240 Resp: 148640

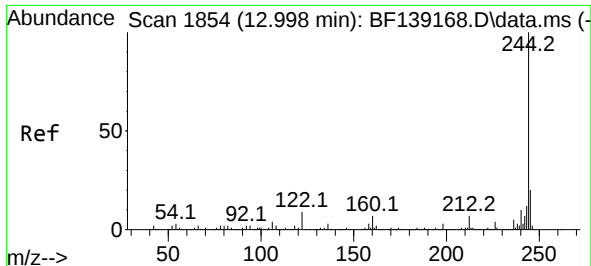
Ion Ratio Lower Upper

240 100

120 9.5 6.9 10.3

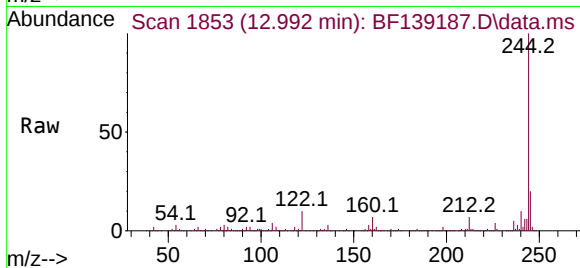
236 24.6 20.9 31.3



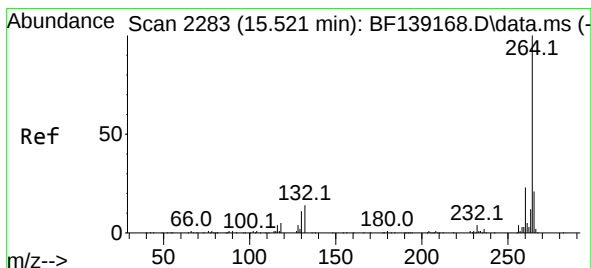
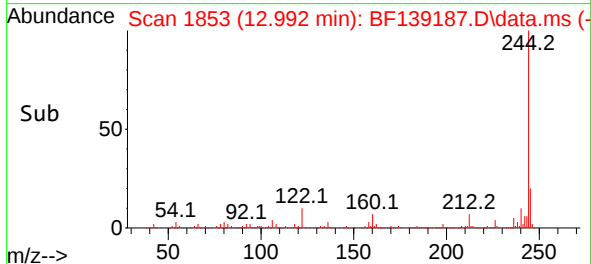
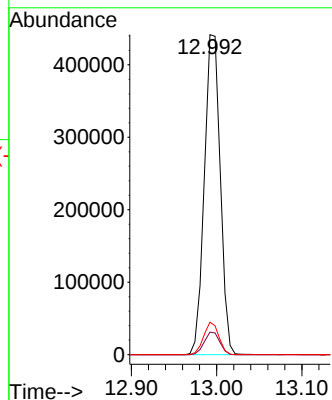


#79
Terphenyl-d14
Concen: 60.240 ng
RT: 12.992 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BF139187.D
Acq: 27 Aug 2024 15:18

Instrument :
BNA_F
ClientSampleId :
SLNP-DEMO



Tgt Ion:244 Resp: 573858
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.6
122 10.1 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2283
Delta R.T. 0.000 min
Lab File: BF139187.D
Acq: 27 Aug 2024 15:18

Tgt Ion:264 Resp: 128673
Ion Ratio Lower Upper
264 100
260 23.0 18.3 27.5
265 21.5 17.0 25.6

