

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082724\
 Data File : BF139186.D
 Acq On : 27 Aug 2024 14:48
 Operator : RC/JU
 Sample : P3742-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BP-CONCRETE-082624

Quant Time: Aug 27 15:28:35 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	6.892	152	69537	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	253413	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	139563	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	222957	20.000	ng	0.00
76) Chrysene-d12	14.045	240	151184	20.000	ng	0.00
86) Perylene-d12	15.515	264	133164	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	334595	80.855	ng	0.00
7) Phenol-d6	6.510	99	469637	82.692	ng	-0.01
23) Nitrobenzene-d5	7.451	82	322680	70.543	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	91573	76.612	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	585408	65.157	ng	0.00
79) Terphenyl-d14	12.992	244	521943	53.868	ng	0.00

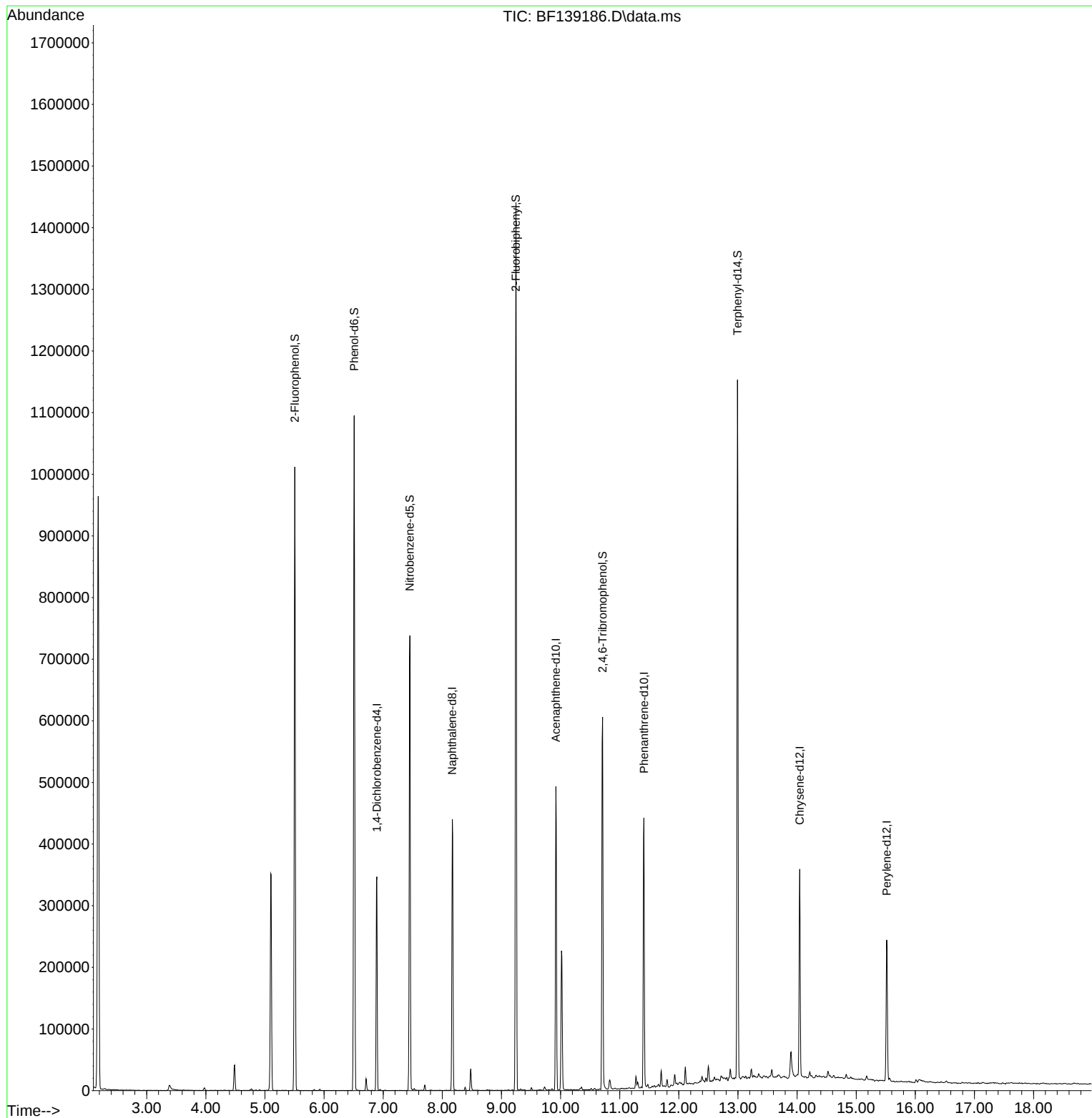
Target Compounds	Qvalue

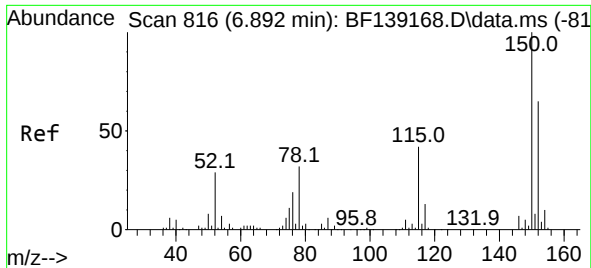
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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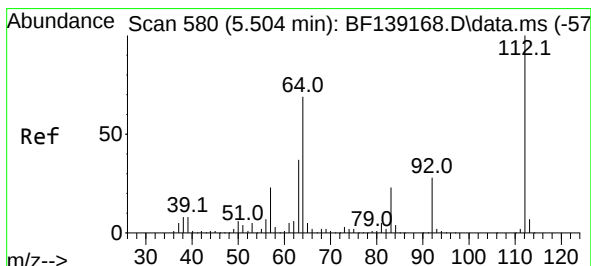
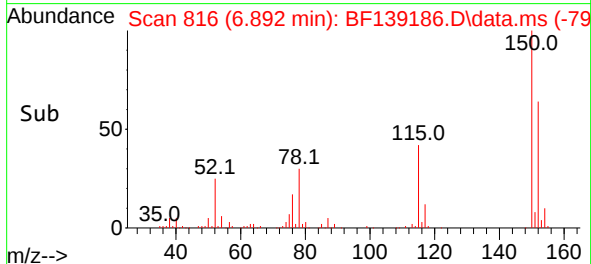
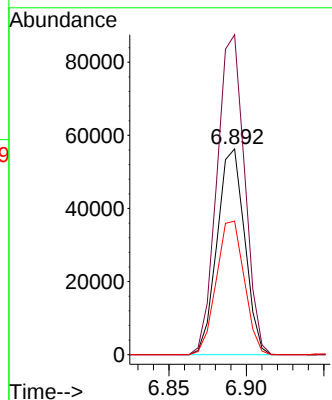
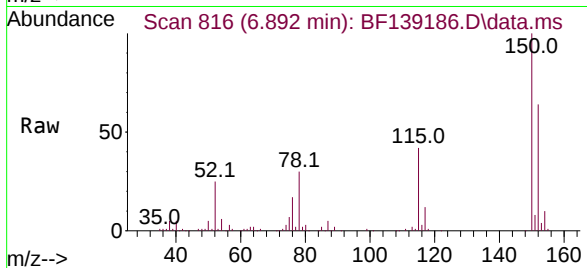




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF139186.D
Acq: 27 Aug 2024 14:48

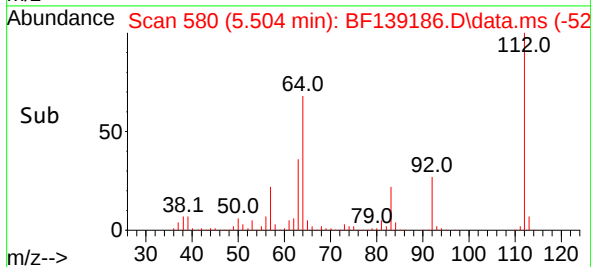
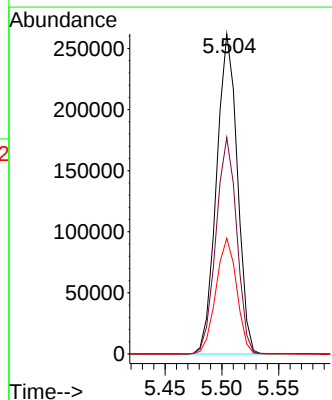
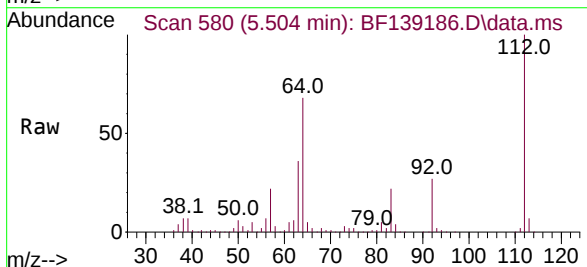
Instrument :
BNA_F
ClientSampleId :
BP-CONCRETE-082624

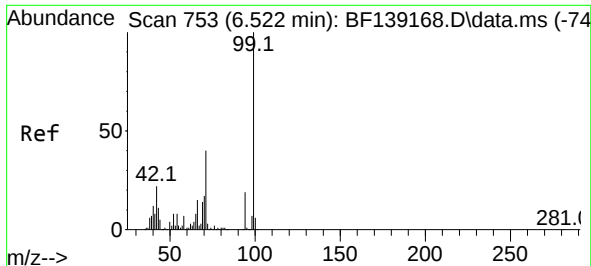
Tgt Ion:152 Resp: 69537
Ion Ratio Lower Upper
152 100
150 155.5 123.7 185.5
115 64.9 51.8 77.8



#5
2-Fluorophenol
Concen: 80.855 ng
RT: 5.504 min Scan# 580
Delta R.T. -0.000 min
Lab File: BF139186.D
Acq: 27 Aug 2024 14:48

Tgt Ion:112 Resp: 334595
Ion Ratio Lower Upper
112 100
64 67.7 55.5 83.3
63 36.2 29.8 44.6

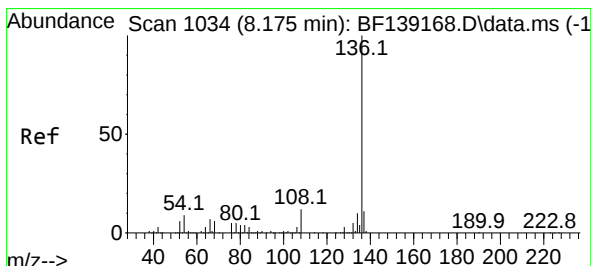
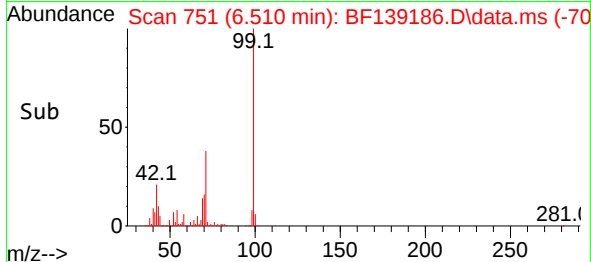
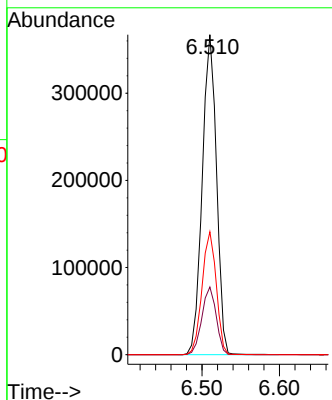
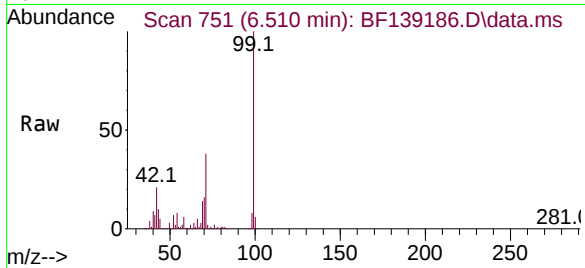




#7
Phenol-d6
Concen: 82.692 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF139186.D
Acq: 27 Aug 2024 14:48

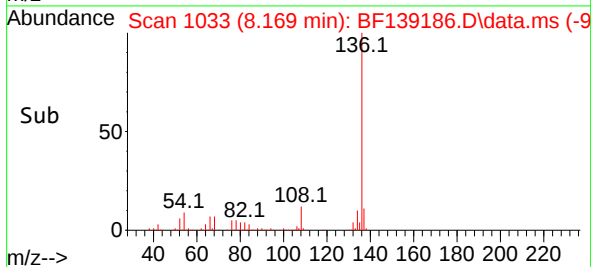
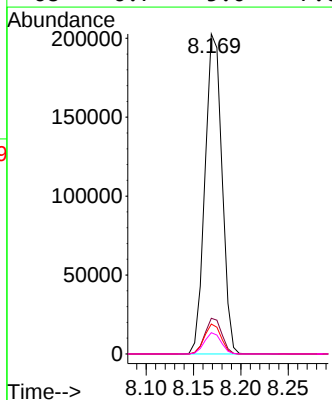
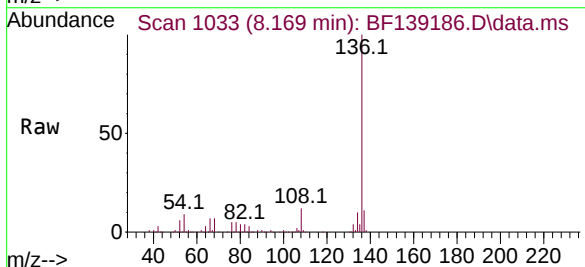
Instrument :
BNA_F
ClientSampleId :
BP-CONCRETE-082624

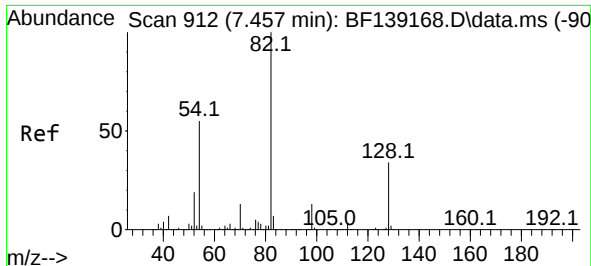
Tgt Ion: 99 Resp: 469637
Ion Ratio Lower Upper
99 100
42 21.1 17.9 26.9
71 38.4 31.7 47.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139186.D
Acq: 27 Aug 2024 14:48

Tgt Ion: 136 Resp: 253413
Ion Ratio Lower Upper
136 100
137 11.2 8.6 12.8
54 9.4 7.6 11.4
68 6.7 5.0 7.6





#23

Nitrobenzene-d5

Concen: 70.543 ng

RT: 7.451 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF139186.D

Acq: 27 Aug 2024 14:48

Instrument :

BNA_F

ClientSampleId :

BP-CONCRETE-082624

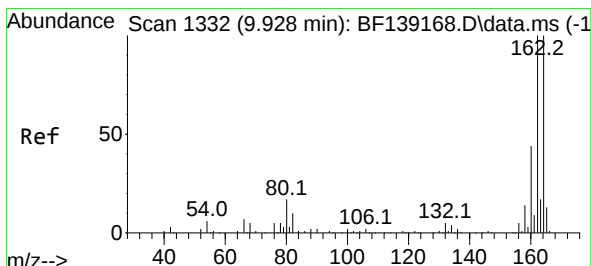
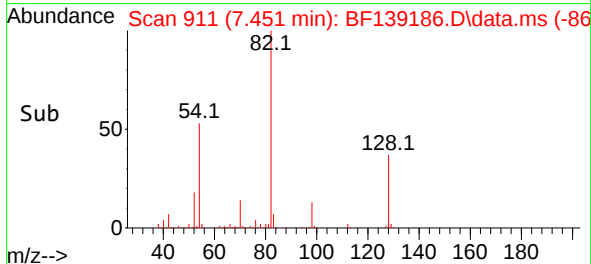
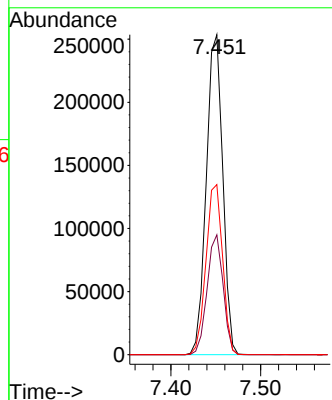
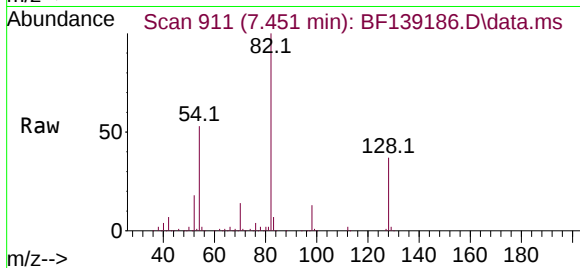
Tgt Ion: 82 Resp: 322680

Ion Ratio Lower Upper

82 100

128 37.4 27.1 40.7

54 53.1 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: BF139186.D

Acq: 27 Aug 2024 14:48

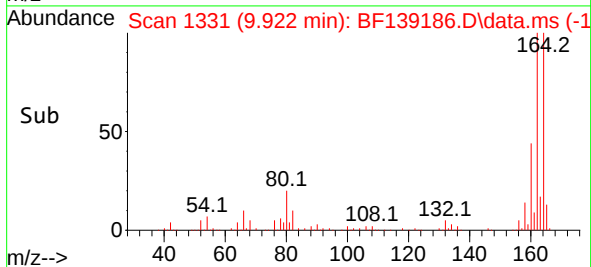
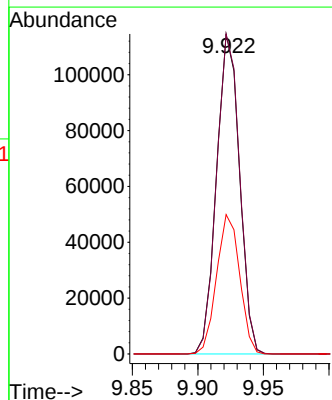
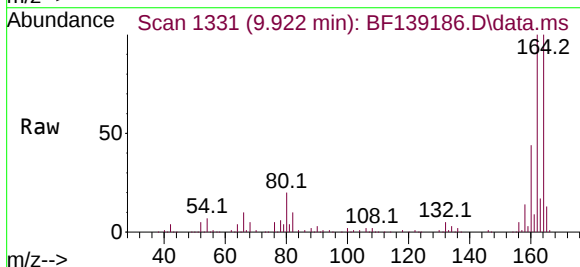
Tgt Ion:164 Resp: 139563

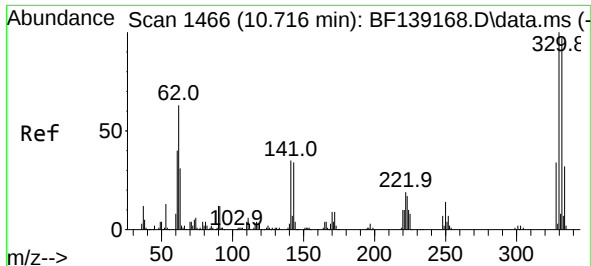
Ion Ratio Lower Upper

164 100

162 100.1 80.0 120.0

160 43.6 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 76.612 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.006 min

Lab File: BF139186.D

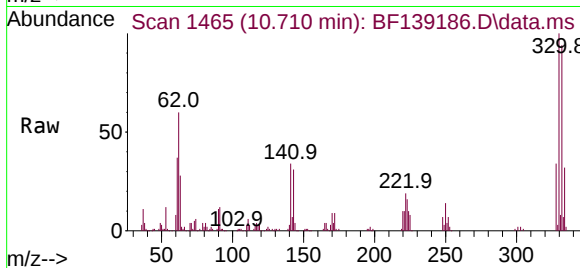
Acq: 27 Aug 2024 14:48

Instrument :

BNA_F

ClientSampleId :

BP-CONCRETE-082624



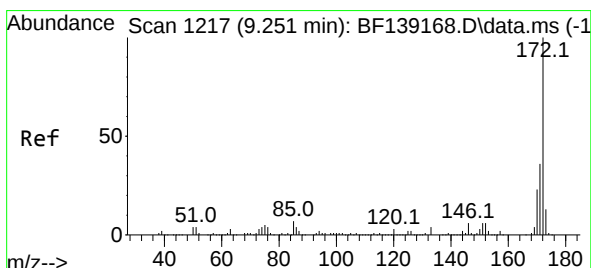
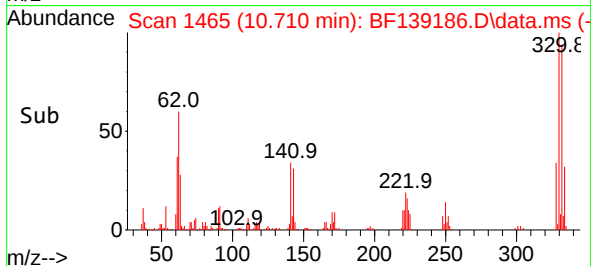
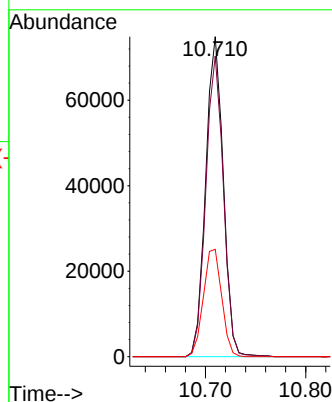
Tgt Ion:330 Resp: 91573

Ion Ratio Lower Upper

330 100

332 93.9 77.3 115.9

141 35.0 28.8 43.2



#45

2-Fluorobiphenyl

Concen: 65.157 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139186.D

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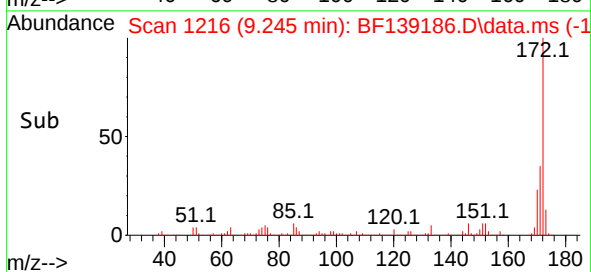
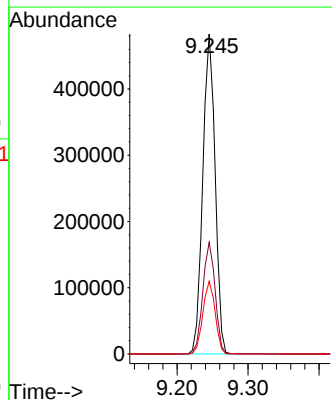
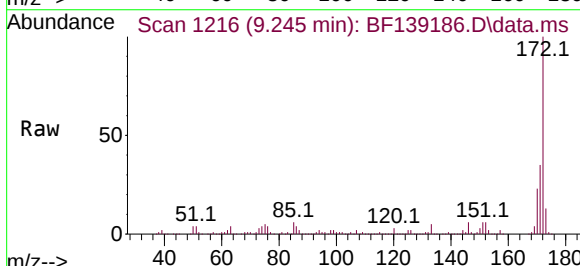
Tgt Ion:172 Resp: 585408

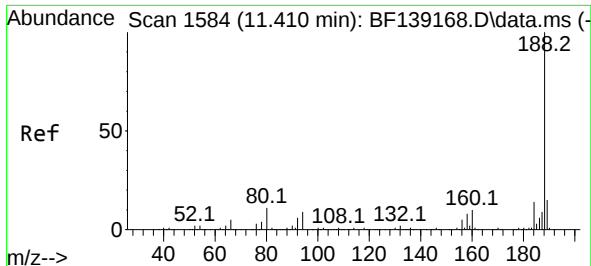
Ion Ratio Lower Upper

172 100

171 34.9 28.6 42.8

170 22.7 18.8 28.2

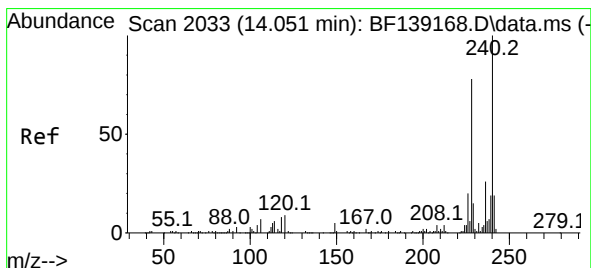
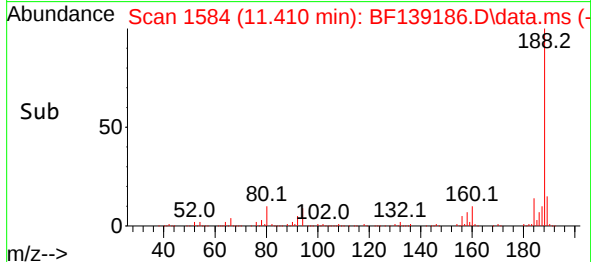
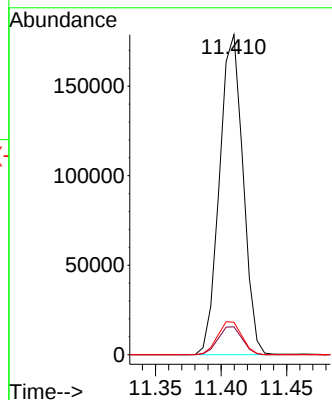
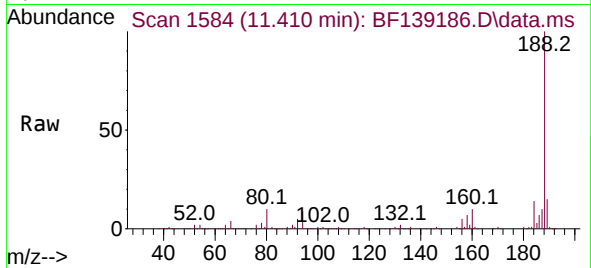




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139186.D
Acq: 27 Aug 2024 14:48

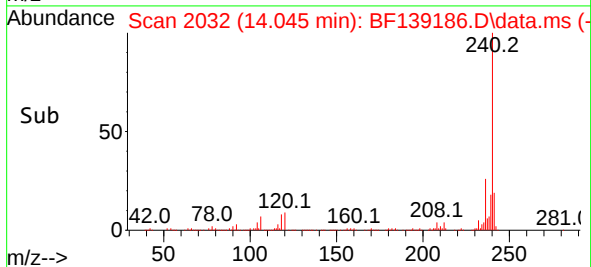
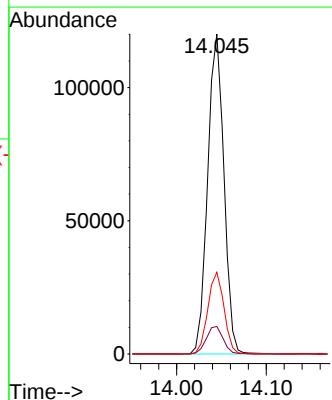
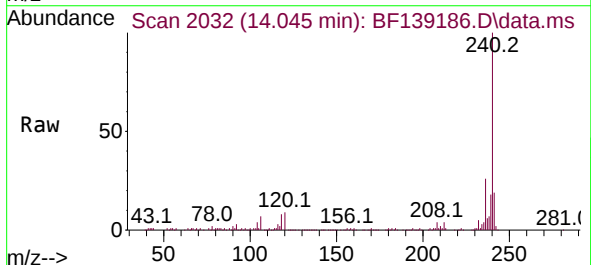
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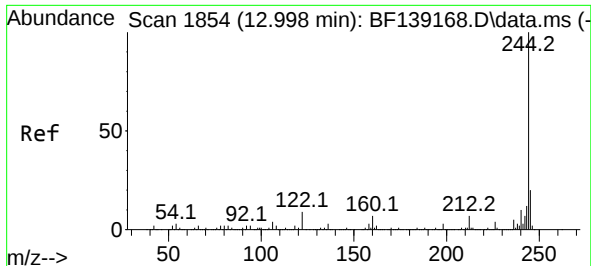
Tgt Ion:188 Resp: 222957
Ion Ratio Lower Upper
188 100
94 8.7 7.4 11.2
80 10.2 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF139186.D
Acq: 27 Aug 2024 14:48

Tgt Ion:240 Resp: 151184
Ion Ratio Lower Upper
240 100
120 8.6 6.9 10.3
236 25.6 20.9 31.3

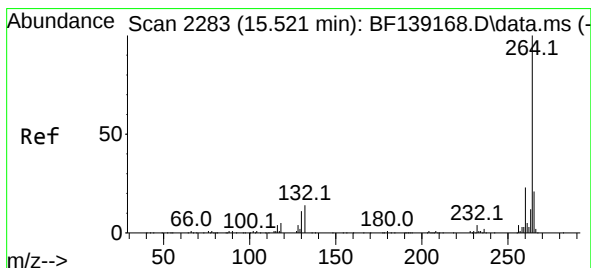
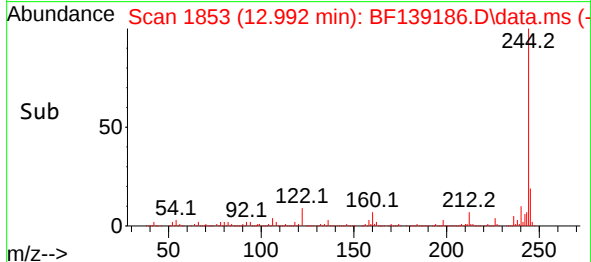
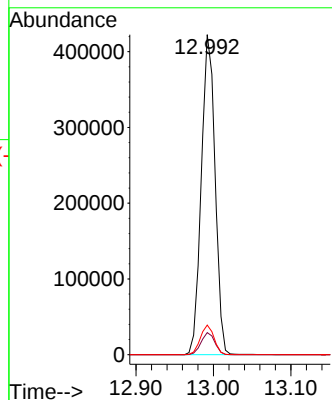
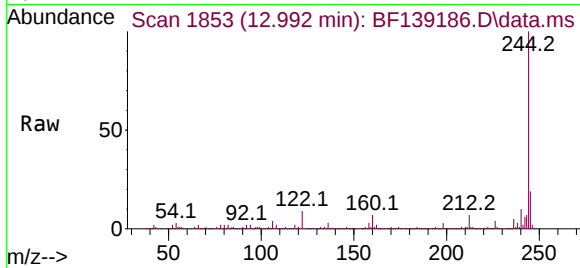




#79
Terphenyl-d14
Concen: 53.868 ng
RT: 12.992 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139186.D
Acq: 27 Aug 2024 14:48

Instrument :
BNA_F
ClientSampleId :
BP-CONCRETE-082624

Tgt Ion:244 Resp: 521943
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.6
122 9.3 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2282
Delta R.T. -0.006 min
Lab File: BF139186.D
Acq: 27 Aug 2024 14:48

Tgt Ion:264 Resp: 133164
Ion Ratio Lower Upper
264 100
260 23.4 18.3 27.5
265 21.1 17.0 25.6

