

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100924\
 Data File : BF139731.D
 Acq On : 09 Oct 2024 19:26
 Operator : RC/JU
 Sample : P4356-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-2

Quant Time: Oct 10 01:12:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	82324	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	294943	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	143907	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	224821	20.000	ng	0.00
76) Chrysene-d12	14.027	240	171196	20.000	ng	0.00
86) Perylene-d12	15.504	264	155479	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	212677	44.777	ng	0.00
7) Phenol-d6	6.498	99	412003	64.503	ng	0.00
23) Nitrobenzene-d5	7.428	82	317296	54.467	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	35427	25.502	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	585763	62.489	ng	0.00
79) Terphenyl-d14	12.974	244	480327	46.037	ng	0.00

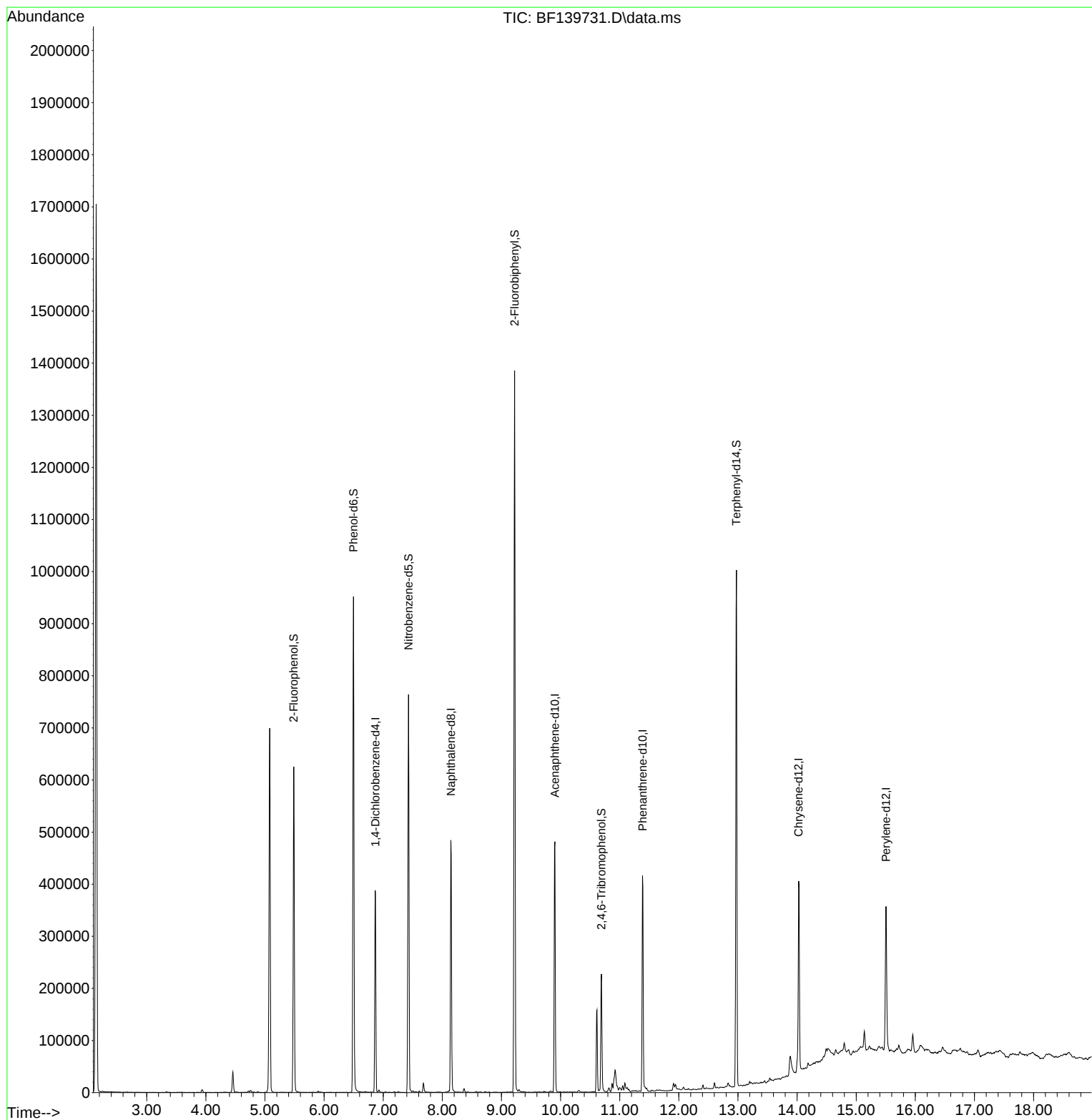
Target Compounds	Qvalue

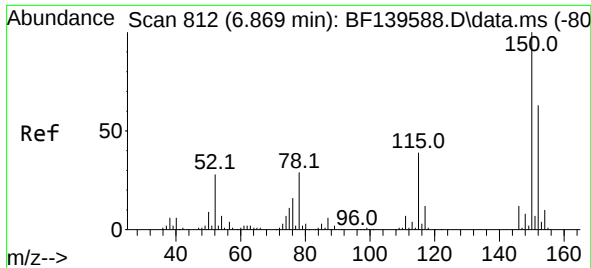
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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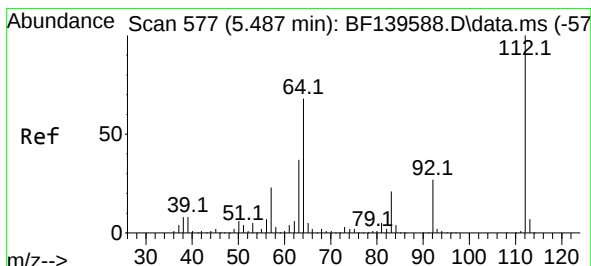
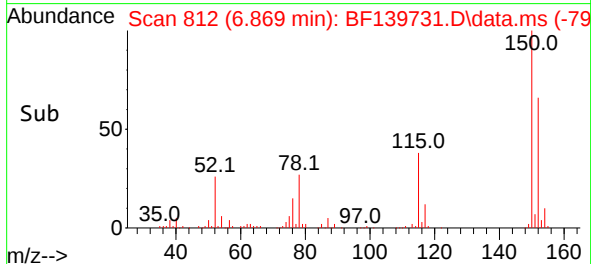
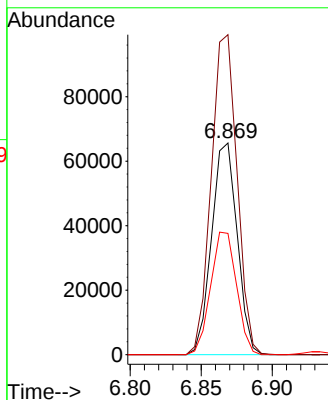
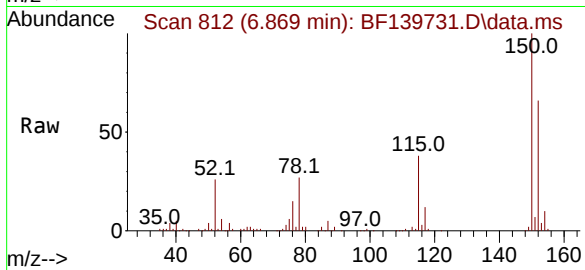




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 812
Delta R.T. -0.000 min
Lab File: BF139731.D
Acq: 09 Oct 2024 19:26

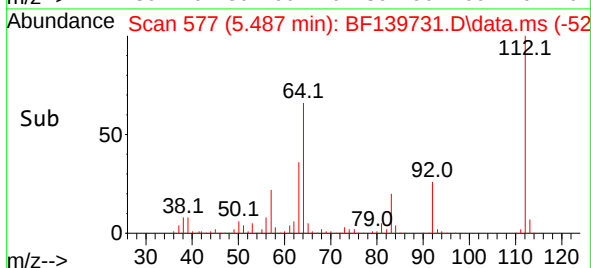
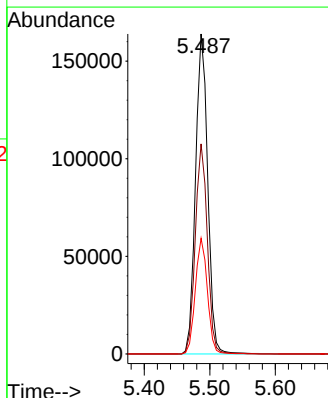
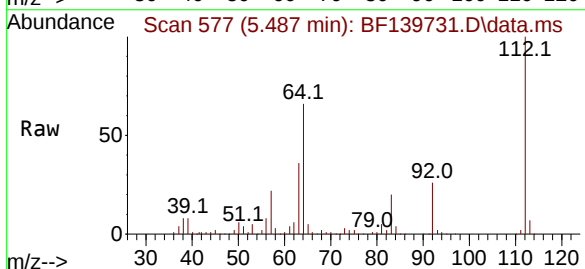
Instrument :
BNA_F
ClientSampleId :
CONCRETE-2

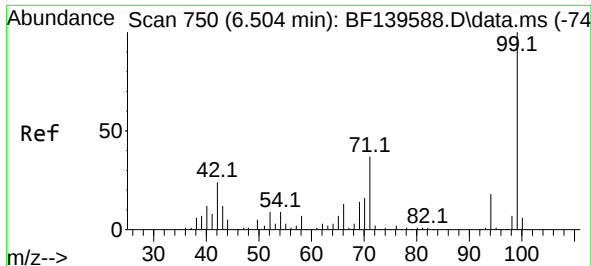
Tgt Ion:152 Resp: 82324
Ion Ratio Lower Upper
152 100
150 151.1 127.2 190.8
115 57.3 49.0 73.4



#5
2-Fluorophenol
Concen: 44.777 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF139731.D
Acq: 09 Oct 2024 19:26

Tgt Ion:112 Resp: 212677
Ion Ratio Lower Upper
112 100
64 65.7 54.2 81.4
63 36.2 29.4 44.2

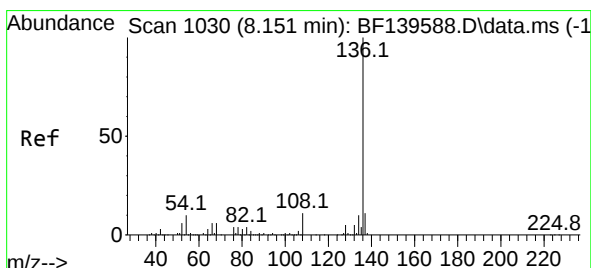
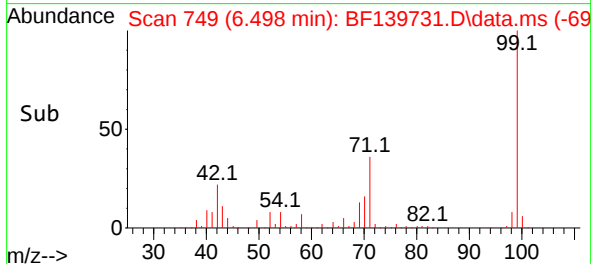
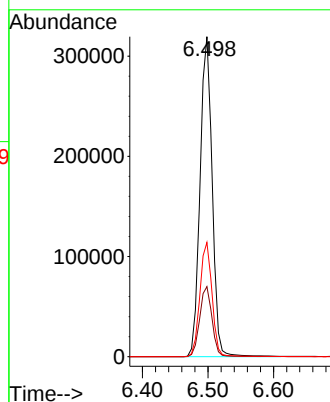
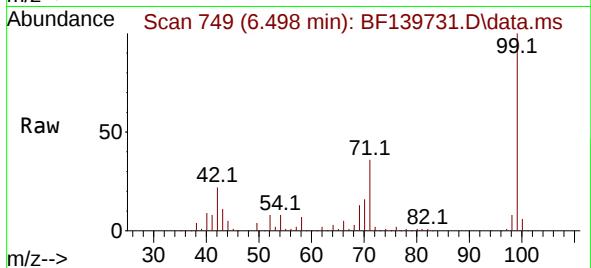




#7
Phenol-d6
Concen: 64.503 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139731.D
Acq: 09 Oct 2024 19:26

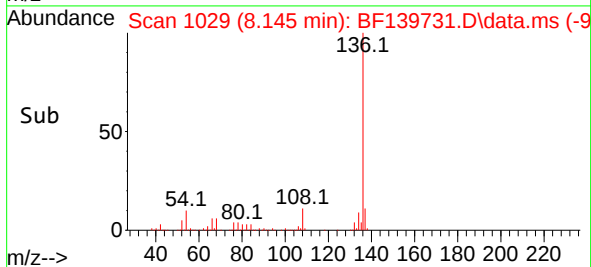
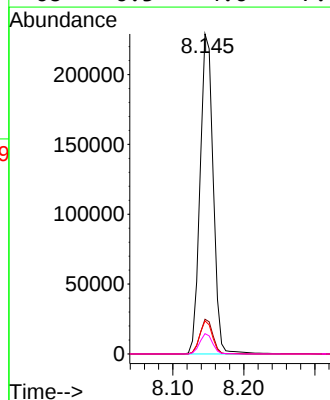
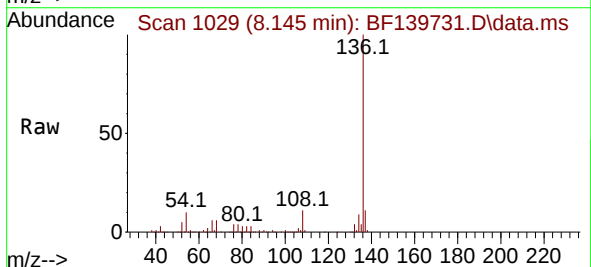
Instrument :
BNA_F
ClientSampleId :
CONCRETE-2

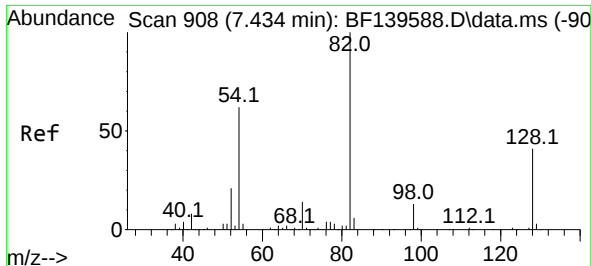
Tgt Ion: 99 Resp: 412003
Ion Ratio Lower Upper
99 100
42 21.9 19.1 28.7
71 35.7 29.7 44.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF139731.D
Acq: 09 Oct 2024 19:26

Tgt Ion: 136 Resp: 294943
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 10.3 8.3 12.5
68 6.3 4.6 7.0

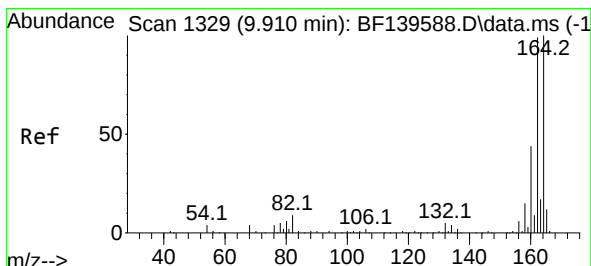
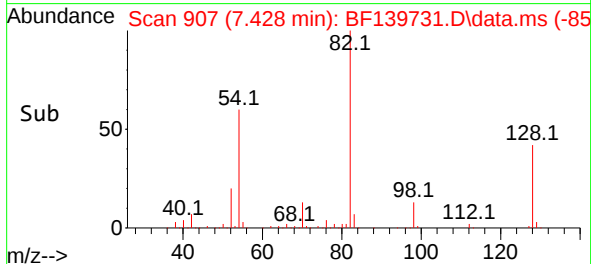
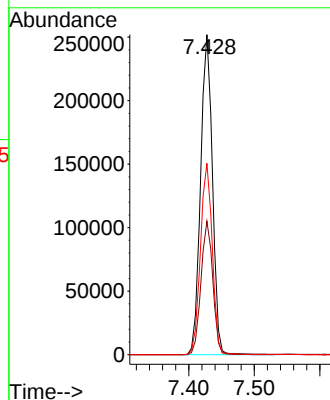
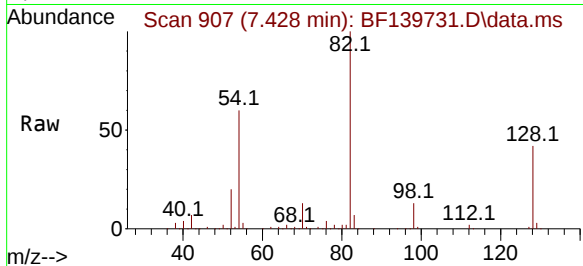




#23
Nitrobenzene-d5
Concen: 54.467 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF139731.D
Acq: 09 Oct 2024 19:26

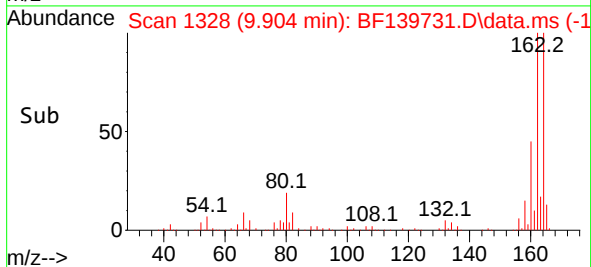
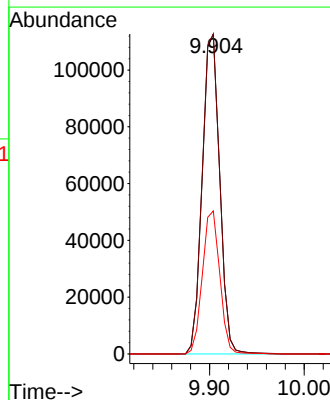
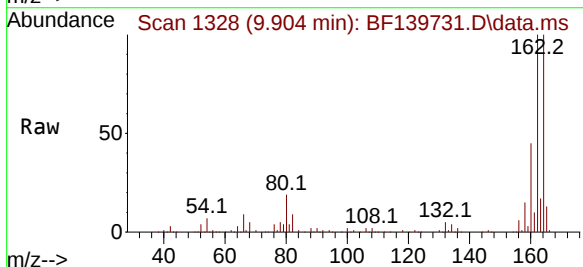
Instrument :
BNA_F
ClientSampleId :
CONCRETE-2

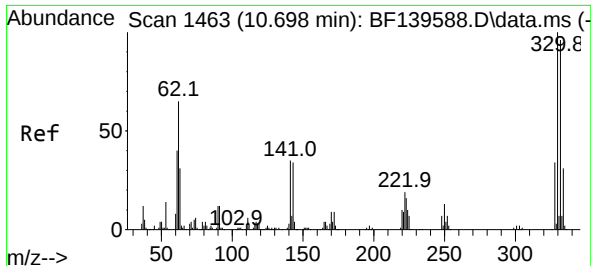
Tgt Ion: 82 Resp: 317296
Ion Ratio Lower Upper
82 100
128 41.7 32.4 48.6
54 59.8 49.1 73.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF139731.D
Acq: 09 Oct 2024 19:26

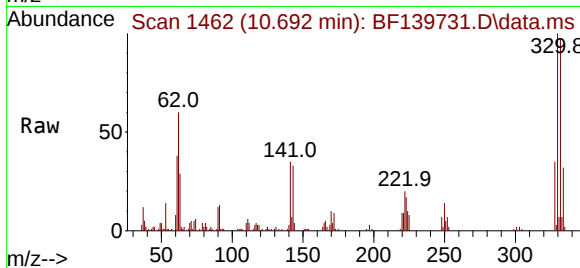
Tgt Ion:164 Resp: 143907
Ion Ratio Lower Upper
164 100
162 100.1 79.4 119.0
160 44.8 35.1 52.7



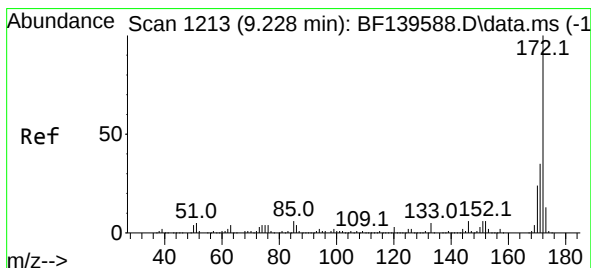
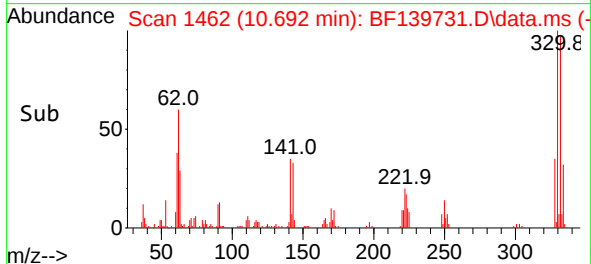
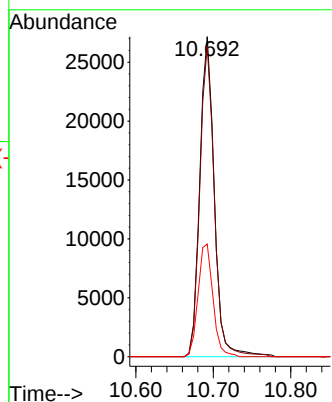


#42
2,4,6-Tribromophenol
Concen: 25.502 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF139731.D
Acq: 09 Oct 2024 19:26

Instrument :
BNA_F
ClientSampleId :
CONCRETE-2

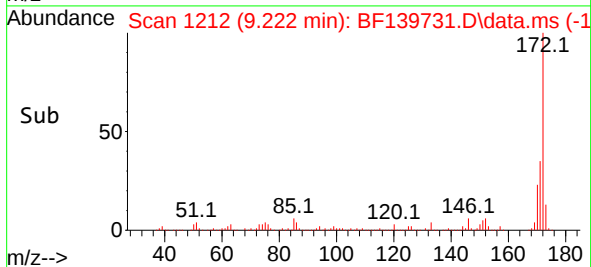
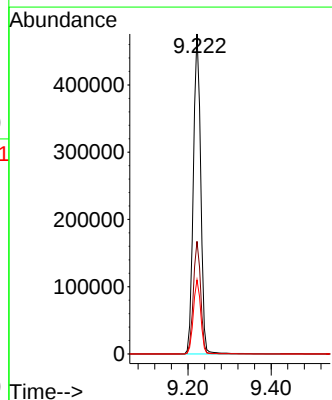
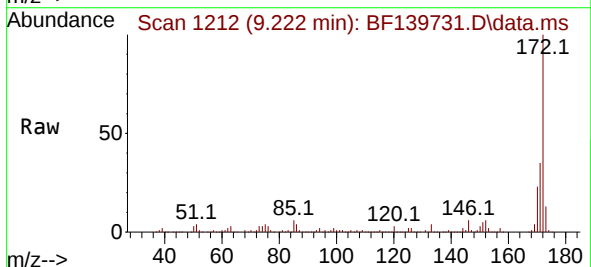


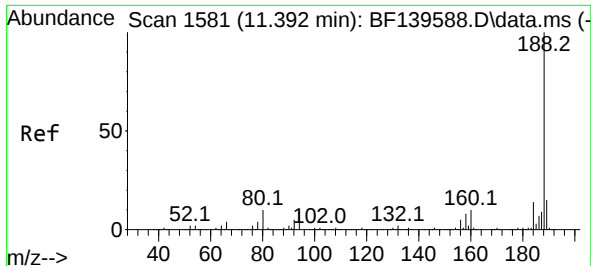
Tgt Ion: 330 Resp: 35427
Ion Ratio Lower Upper
330 100
332 96.4 76.5 114.7
141 35.9 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 62.489 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF139731.D
Acq: 09 Oct 2024 19:26

Tgt Ion: 172 Resp: 585763
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.4
170 23.2 18.8 28.2

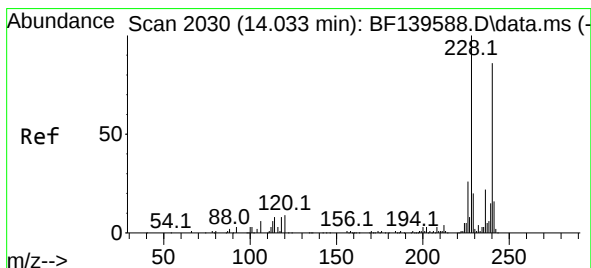
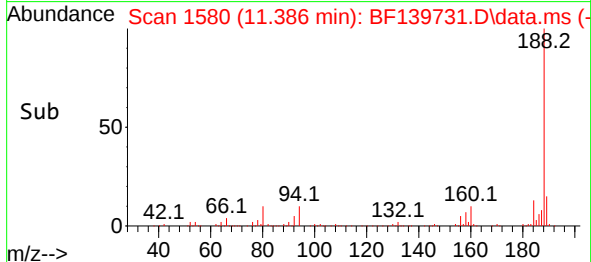
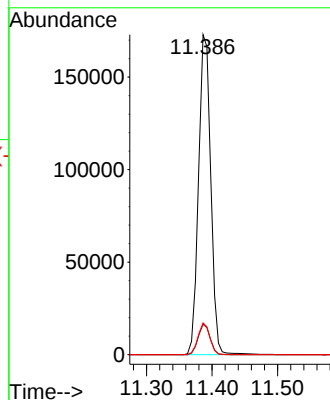
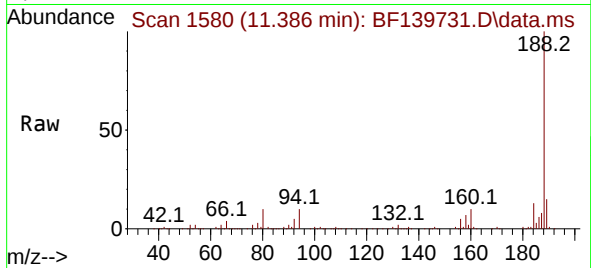




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139731.D
Acq: 09 Oct 2024 19:26

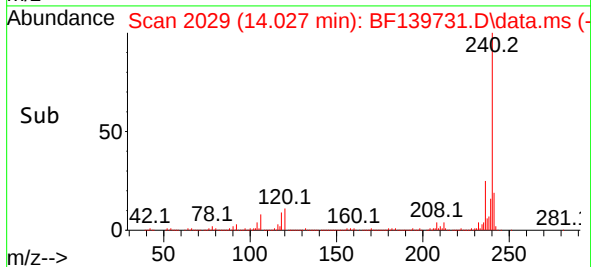
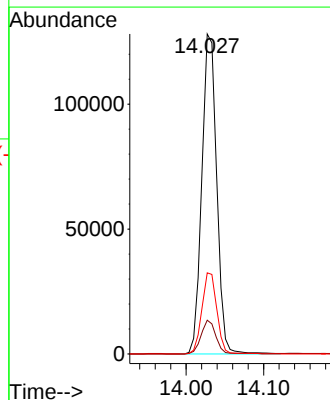
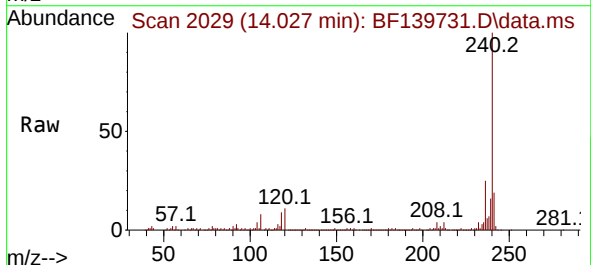
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BNA_F
ClientSampleId :
CONCRETE-2

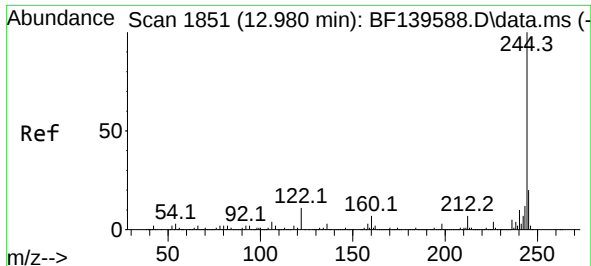
Tgt Ion:188 Resp: 224821
Ion Ratio Lower Upper
188 100
94 9.5 7.4 11.2
80 10.0 8.2 12.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF139731.D
Acq: 09 Oct 2024 19:26

Tgt Ion:240 Resp: 171196
Ion Ratio Lower Upper
240 100
120 10.6 8.4 12.6
236 25.4 20.3 30.5

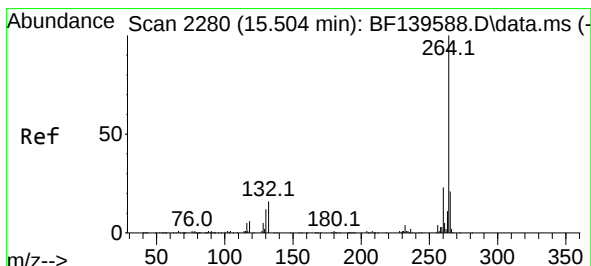
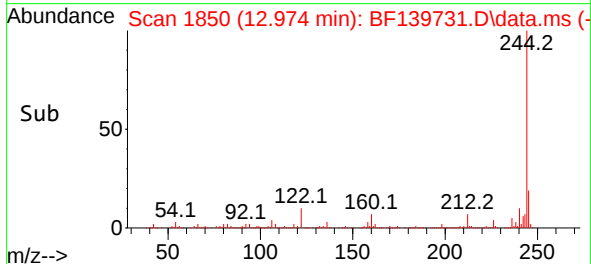
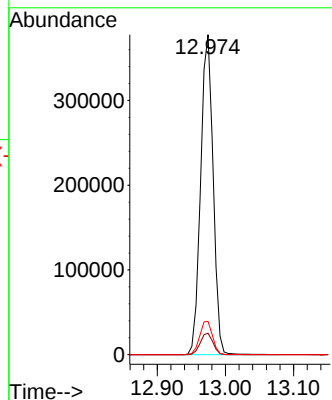
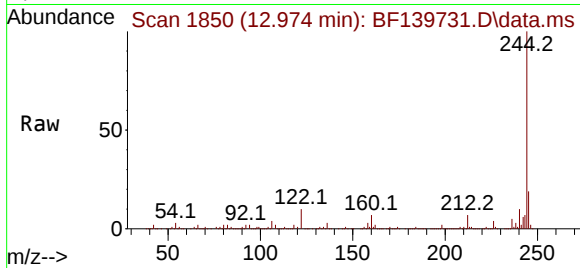




#79
 Terphenyl-d14
 Concen: 46.037 ng
 RT: 12.974 min Scan# 1850
 Delta R.T. -0.006 min
 Lab File: BF139731.D
 Acq: 09 Oct 2024 19:26

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-2

Tgt Ion:244 Resp: 480327
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.8 8.6
 122 10.4 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 2280
 Delta R.T. -0.000 min
 Lab File: BF139731.D
 Acq: 09 Oct 2024 19:26

Tgt Ion:264 Resp: 155479
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.7 28.1
 265 21.9 16.9 25.3

