

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032125\
 Data File : BF142039.D
 Acq On : 21 Mar 2025 19:48
 Operator : RC/JU
 Sample : Q1597-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1-CONCRETE-SLAB

Quant Time: Mar 21 23:00:56 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	126659	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	438592	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	193173	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	288631	20.000	ng	0.00
76) Chrysene-d12	14.033	240	276772	20.000	ng	0.00
86) Perylene-d12	15.510	264	206846	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1023046	134.805	ng	0.01
7) Phenol-d6	6.499	99	1094375	113.259	ng	0.00
23) Nitrobenzene-d5	7.434	82	819503	105.151	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	331891	135.430	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1461434	115.056	ng	-0.01
79) Terphenyl-d14	12.980	244	1598880	85.409	ng	0.00

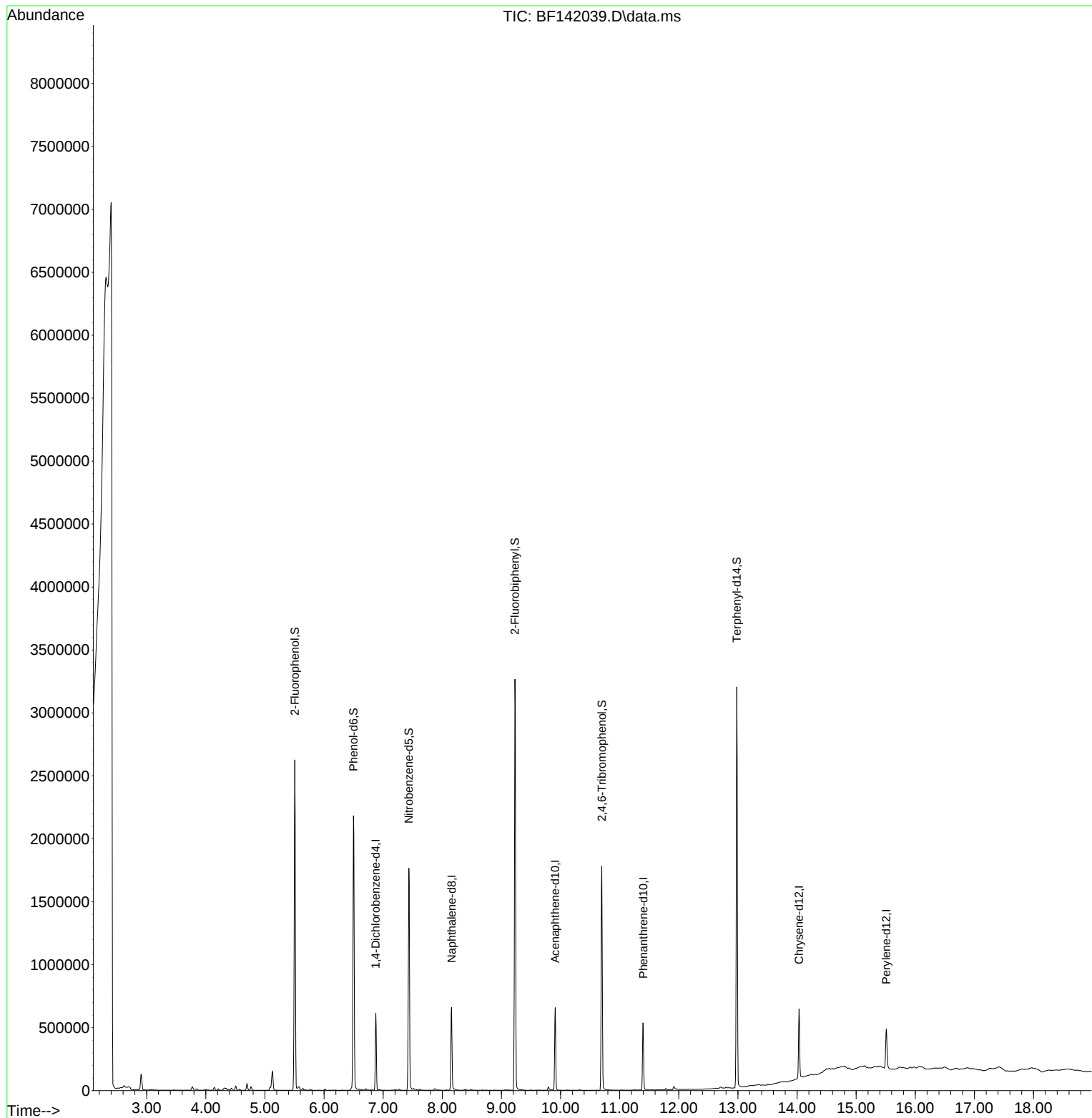
Target Compounds	Qvalue

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

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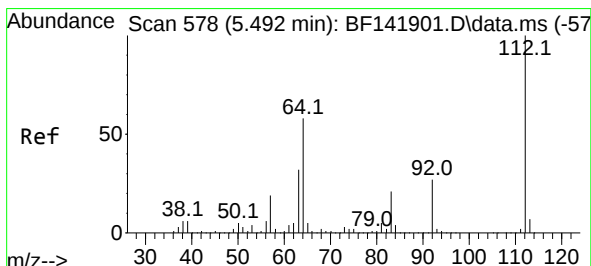
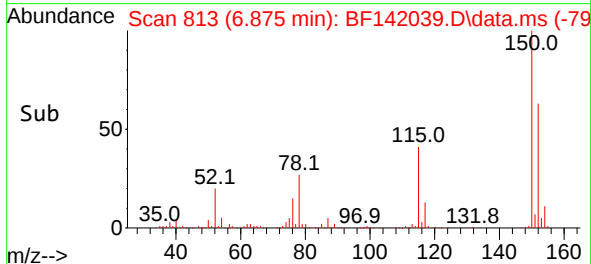
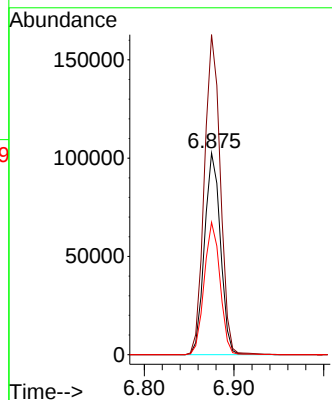
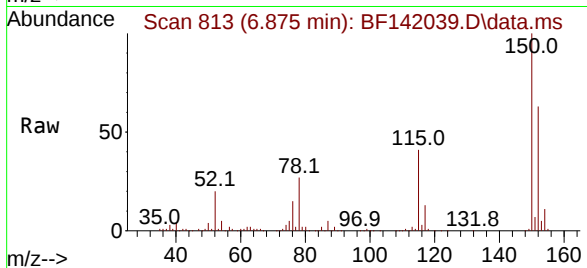




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF142039.D
Acq: 21 Mar 2025 19:48

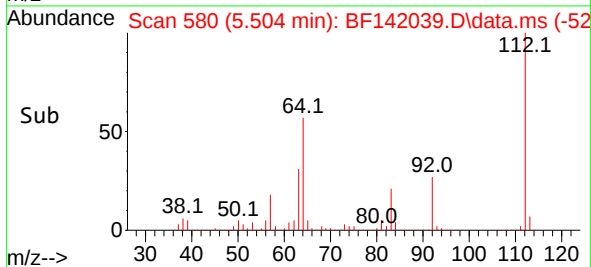
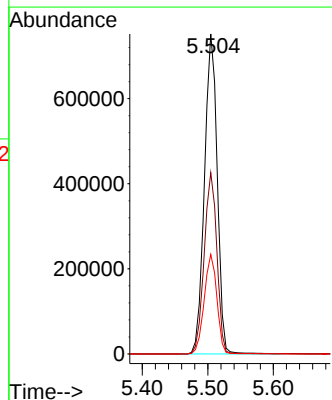
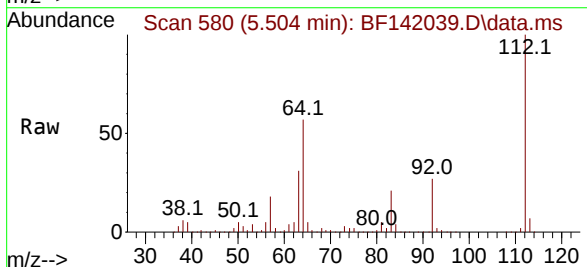
Instrument :
BNA_F
ClientSampleId :
1-CONCRETE-SLAB

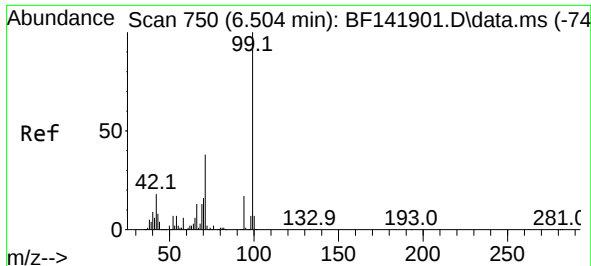
Tgt Ion:152 Resp: 126659
Ion Ratio Lower Upper
152 100
150 158.7 127.4 191.2
115 65.7 51.9 77.9



#5
2-Fluorophenol
Concen: 134.805 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF142039.D
Acq: 21 Mar 2025 19:48

Tgt Ion:112 Resp: 1023046
Ion Ratio Lower Upper
112 100
64 56.6 46.5 69.7
63 31.1 25.4 38.2



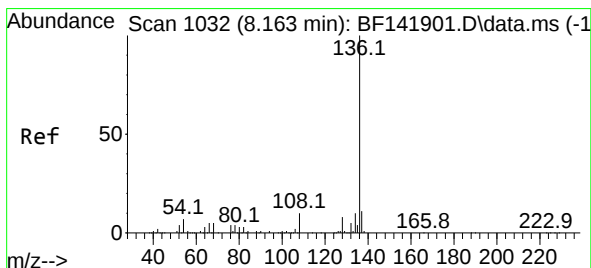
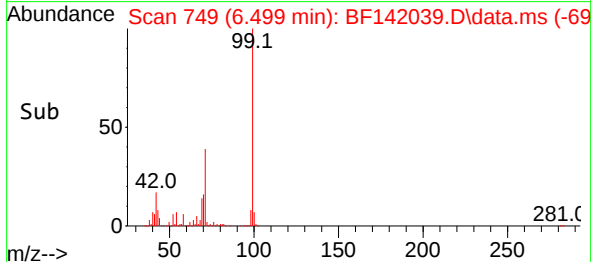
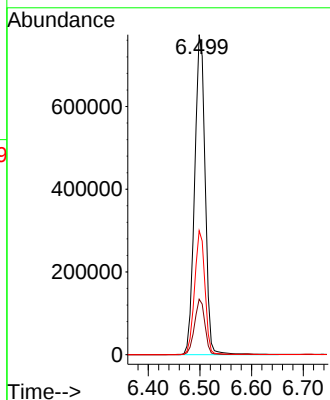
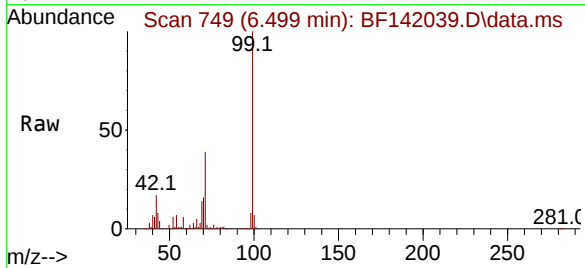


#7
Phenol-d6
Concen: 113.259 ng
RT: 6.499 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF142039.D
Acq: 21 Mar 2025 19:48

Instrument :
BNA_F
ClientSampleId :
1-CONCRETE-SLAB

Tgt Ion: 99 Resp: 1094375

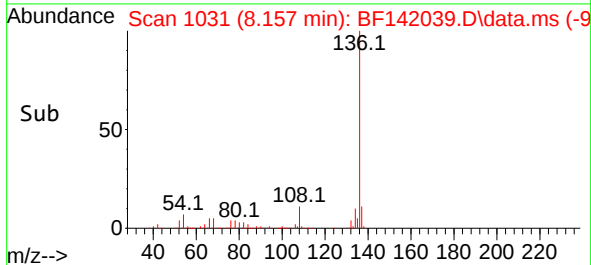
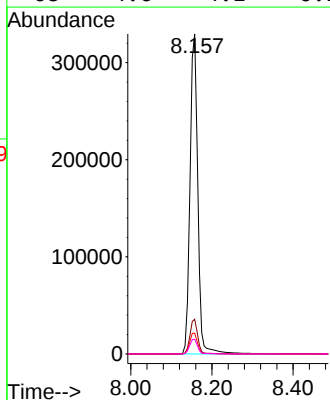
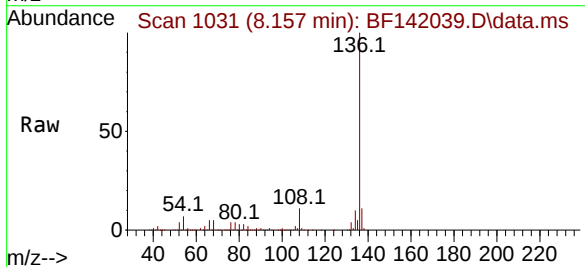
Ion	Ratio	Lower	Upper
99	100		
42	17.3	14.6	21.8
71	38.7	30.8	46.2

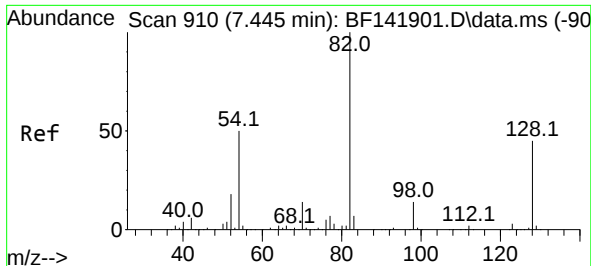


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF142039.D
Acq: 21 Mar 2025 19:48

Tgt Ion:136 Resp: 438592

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	6.5	5.8	8.8
68	4.6	4.1	6.1





#23

Nitrobenzene-d5

Concen: 105.151 ng

RT: 7.434 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF142039.D

Acq: 21 Mar 2025 19:48

Instrument :

BNA_F

ClientSampleId :

1-CONCRETE-SLAB

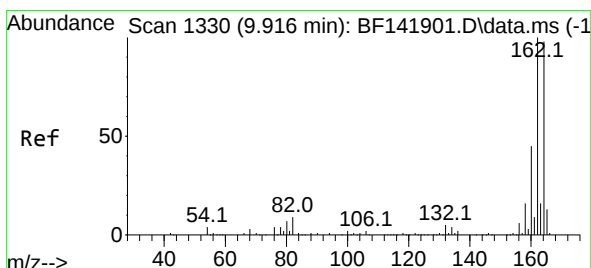
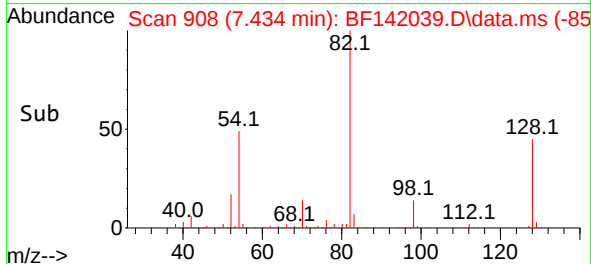
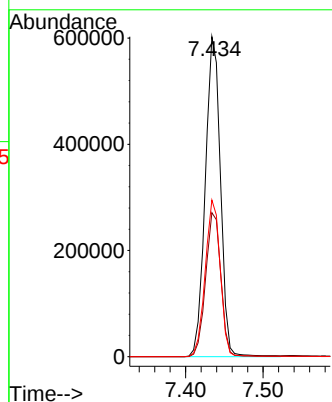
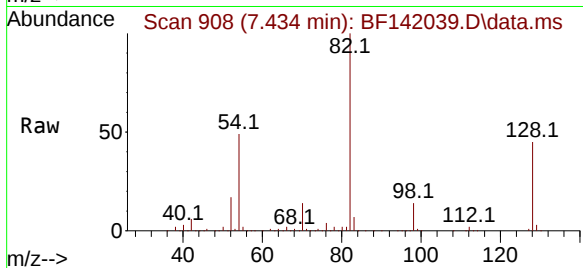
Tgt Ion: 82 Resp: 819503

Ion Ratio Lower Upper

82 100

128 45.0 36.0 54.0

54 49.0 39.6 59.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.006 min

Lab File: BF142039.D

Acq: 21 Mar 2025 19:48

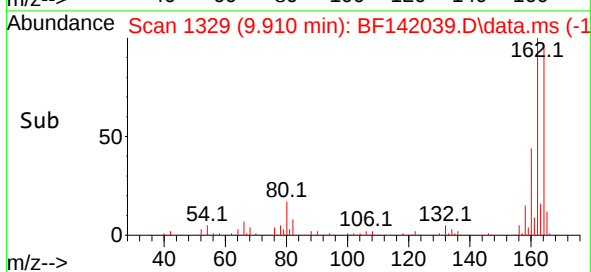
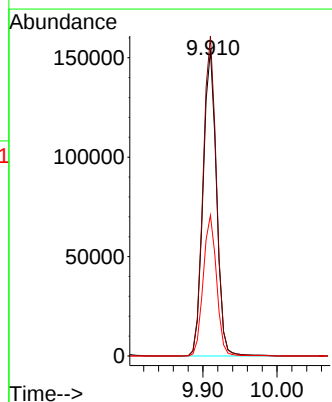
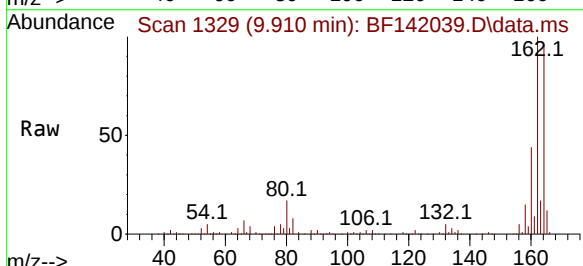
Tgt Ion:164 Resp: 193173

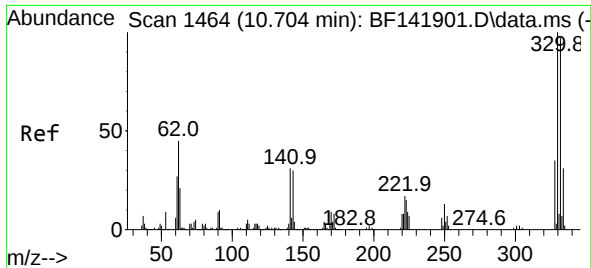
Ion Ratio Lower Upper

164 100

162 104.6 81.8 122.6

160 46.0 36.7 55.1

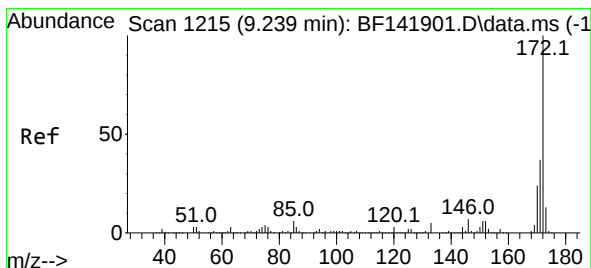
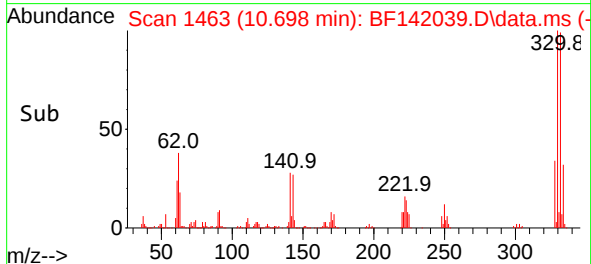
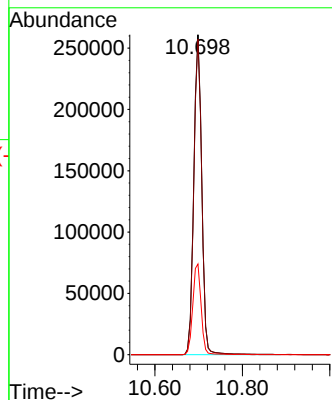
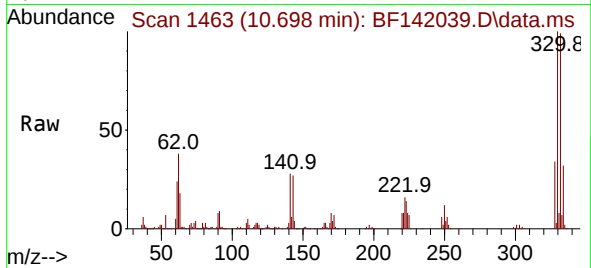




#42
 2,4,6-Tribromophenol
 Concen: 135.430 ng
 RT: 10.698 min Scan# 1463
 Delta R.T. -0.006 min
 Lab File: BF142039.D
 Acq: 21 Mar 2025 19:48

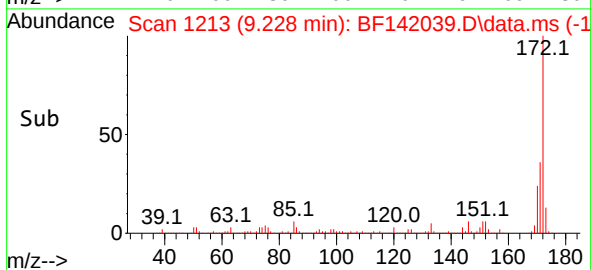
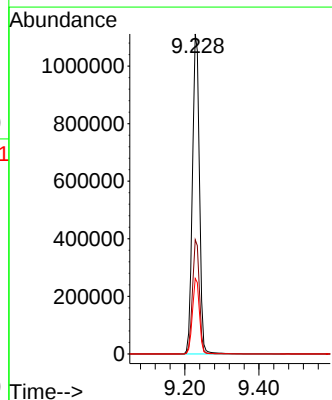
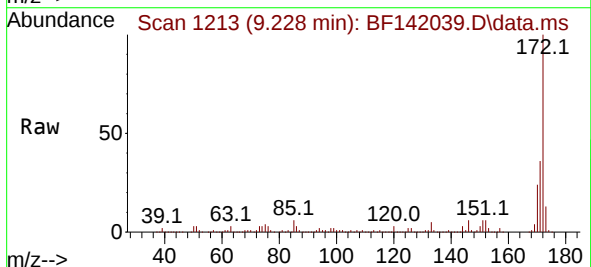
Instrument :
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Tgt Ion:330 Resp: 331891
 Ion Ratio Lower Upper
 330 100
 332 97.9 77.6 116.4
 141 29.5 24.7 37.1



#45
 2-Fluorobiphenyl
 Concen: 115.056 ng
 RT: 9.228 min Scan# 1213
 Delta R.T. -0.012 min
 Lab File: BF142039.D
 Acq: 21 Mar 2025 19:48

Tgt Ion:172 Resp: 1461434
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.3 43.9
 170 23.6 19.4 29.0

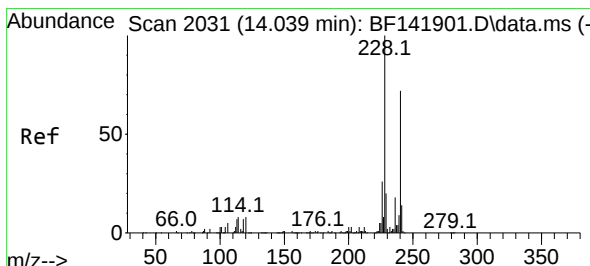
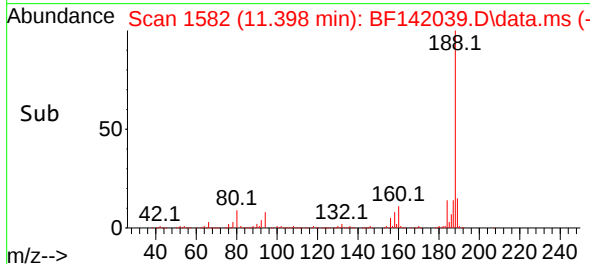
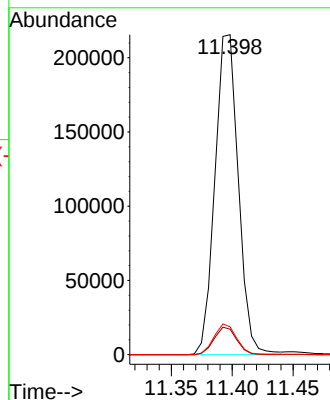
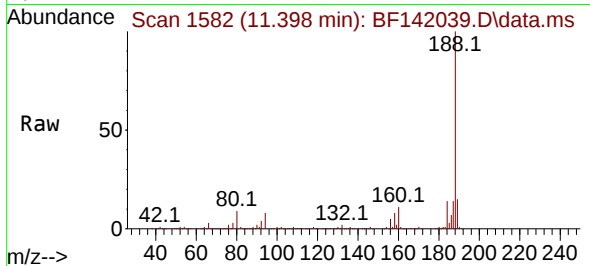




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142039.D
Acq: 21 Mar 2025 19:48

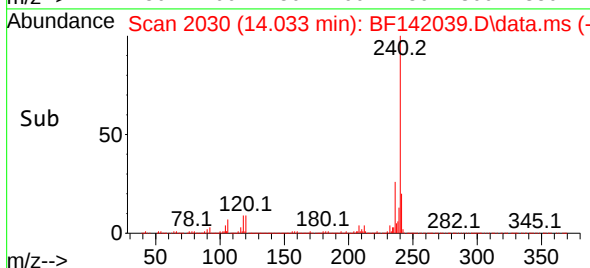
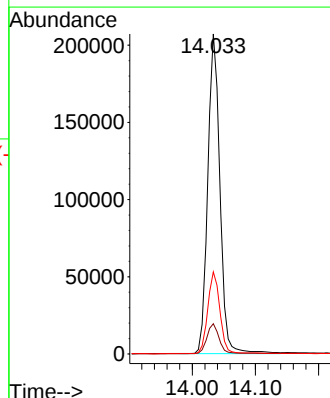
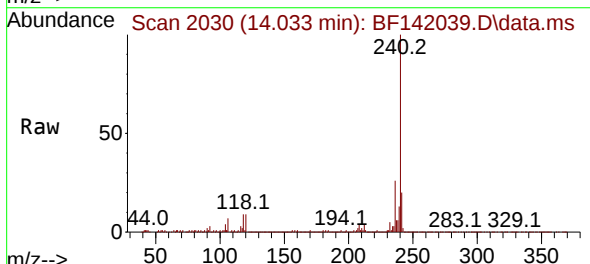
Instrument :
BNA_F
ClientSampleId :
1-CONCRETE-SLAB

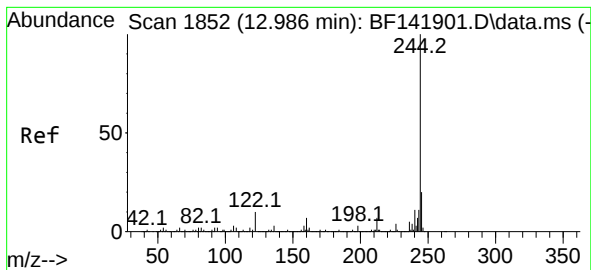
Tgt Ion:188 Resp: 288631
Ion Ratio Lower Upper
188 100
94 8.0 6.8 10.2
80 8.7 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF142039.D
Acq: 21 Mar 2025 19:48

Tgt Ion:240 Resp: 276772
Ion Ratio Lower Upper
240 100
120 9.5 8.4 12.6
236 25.7 20.5 30.7





#79

Terphenyl-d14

Concen: 85.409 ng

RT: 12.980 min Scan# 1852

Delta R.T. -0.006 min

Lab File: BF142039.D

Acq: 21 Mar 2025 19:48

Instrument :

BNA_F

ClientSampleId :

1-CONCRETE-SLAB

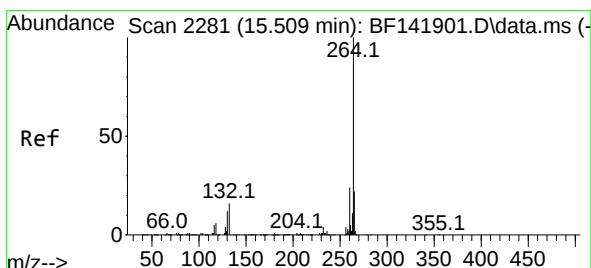
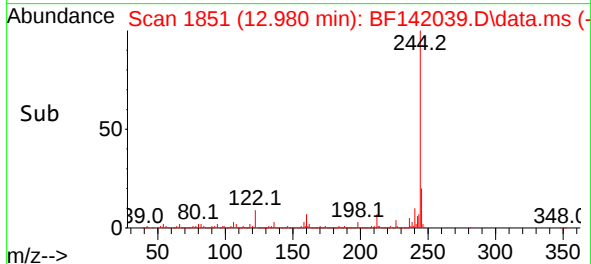
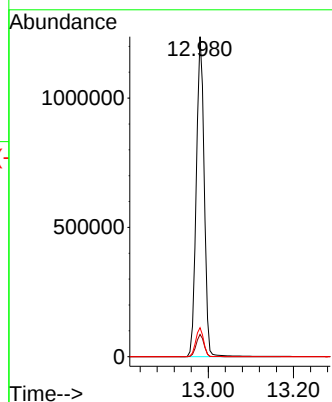
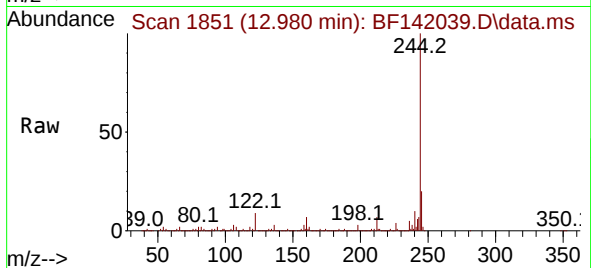
Tgt Ion:244 Resp: 1598880

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

122 9.1 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.510 min Scan# 2281

Delta R.T. 0.000 min

Lab File: BF142039.D

Acq: 21 Mar 2025 19:48

Tgt Ion:264 Resp: 206846

Ion Ratio Lower Upper

264 100

260 23.5 19.1 28.7

265 21.3 17.5 26.3

