

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)

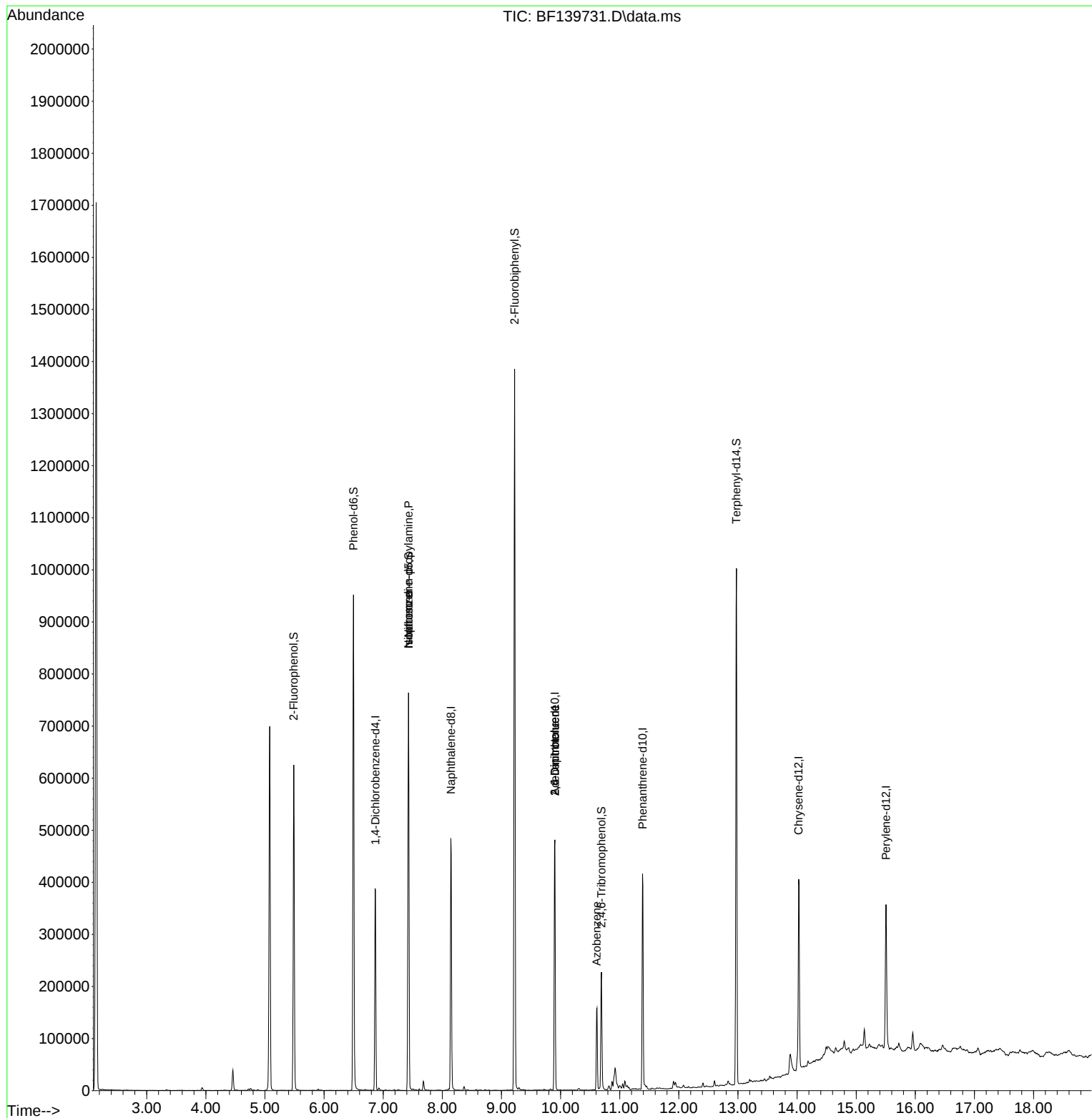
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	82324	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	294943	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	143907	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	224821	20.000	ng	0.00
76) Chrysene-d12	14.027	240	171196	20.000	ng	0.00
86) Perylene-d12	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
19) n-Nitroso-di-n-propyla...	7.428	70	42041	10.238	ng	# 76
25) Isophorone	7.428	82	314912	30.436	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	18105	8.508	ng	# 18
57) 2,4-Dinitrotoluene	9.904	165	18105	6.509	ng	# 18
63) Azobenzene	10.610	77	43086	4.403	ng	# 1

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

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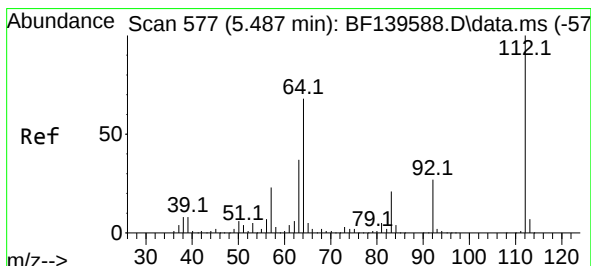
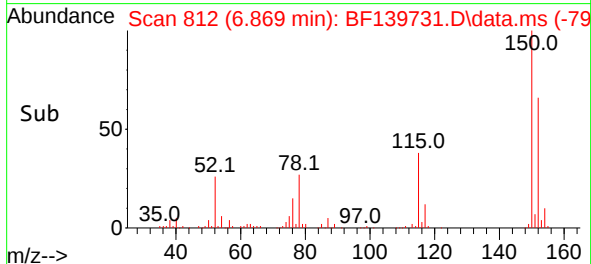
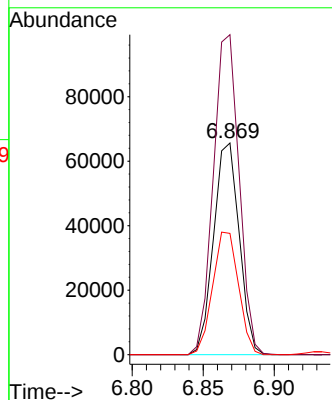
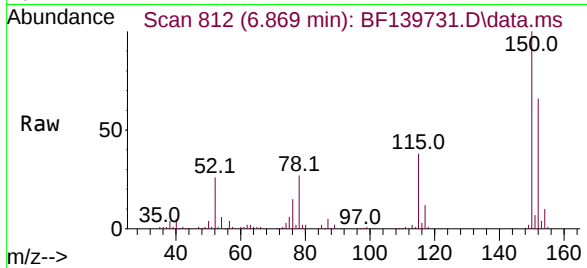




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 812
Delta R.T. -0.000 min
Lab File: BF139731.D
Acq: 09 Oct 2024 19:26

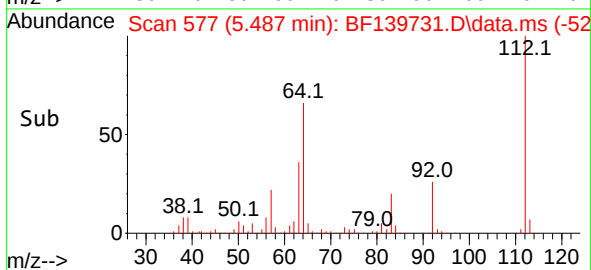
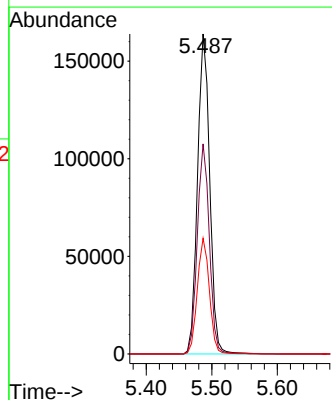
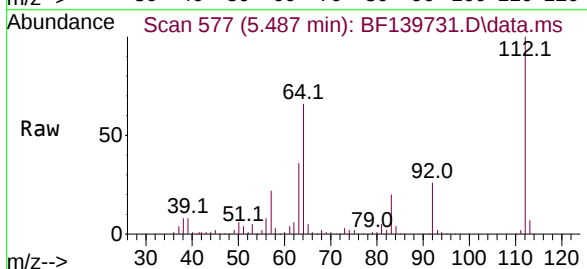
Instrument :
BNA_F
ClientSampleId :
CONCRETE-2

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

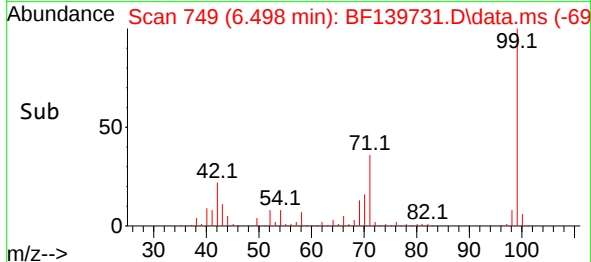
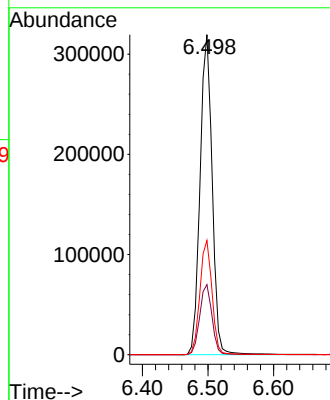
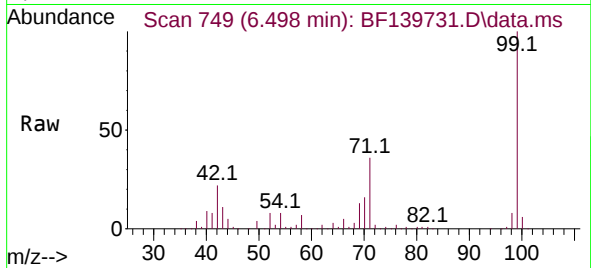




#7
Phenol-d6
Concen: 64.503 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139731.D
Acq: 09 Oct 2024 19:26

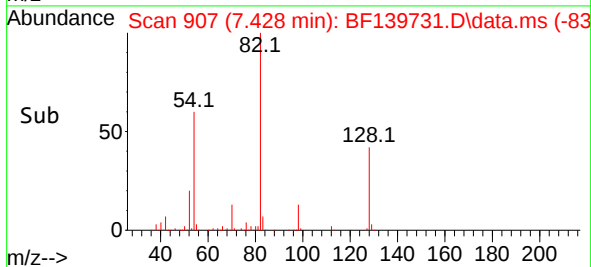
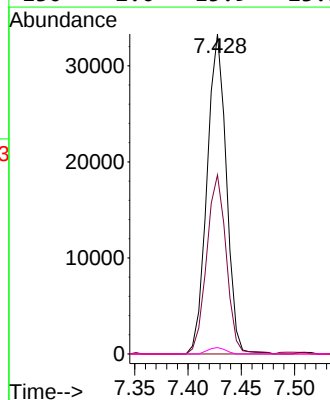
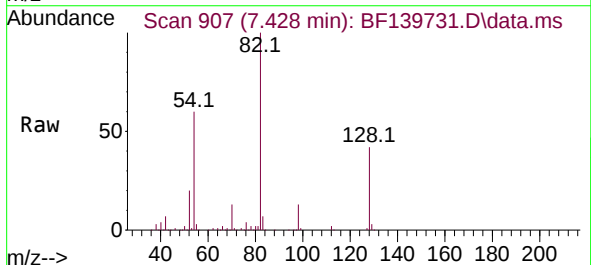
Instrument :
BNA_F
ClientSampleId :
CONCRETE-2

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



#19
n-Nitroso-di-n-propylamine
Concen: 10.238 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF139731.D
Acq: 09 Oct 2024 19:26

Tgt Ion: 70 Resp: 42041
Ion Ratio Lower Upper
70 100
42 55.9 58.0 87.0#
101 0.0 7.8 11.8#
130 2.0 15.9 23.9#



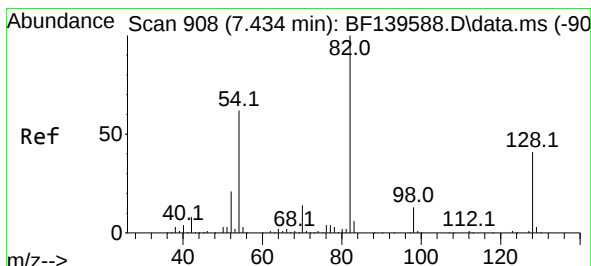
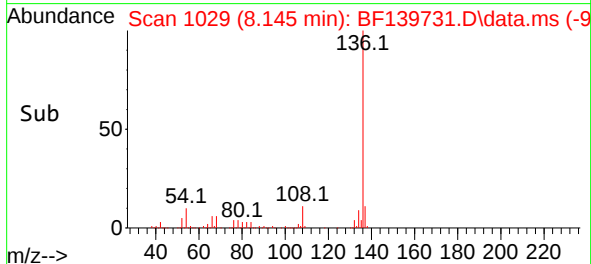
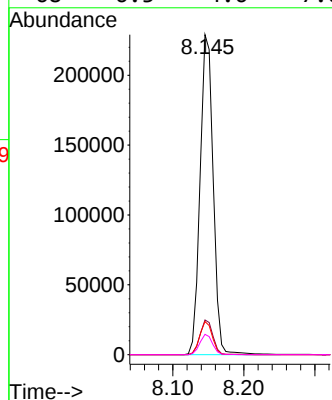
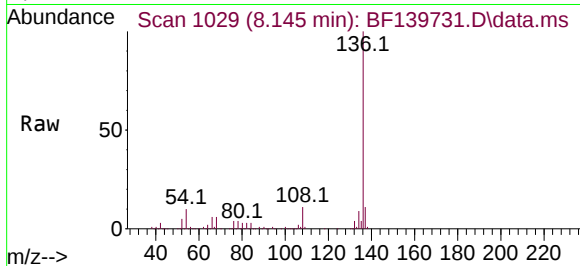


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139731.D
Acq: 09 Oct 2024 19:26

Instrument :
BNA_F
ClientSampleId :
CONCRETE-2

Tgt Ion:136 Resp: 294943

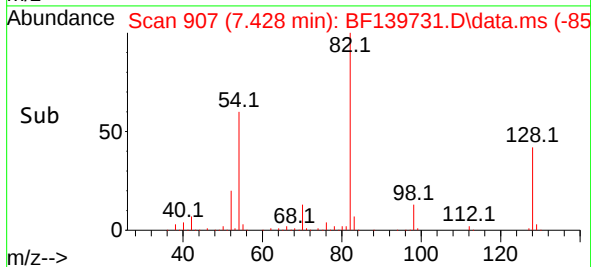
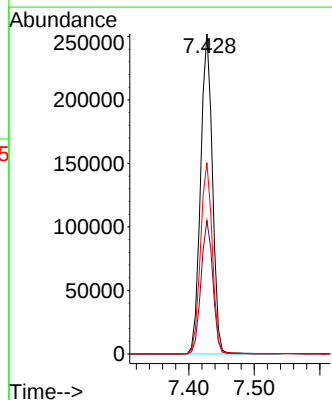
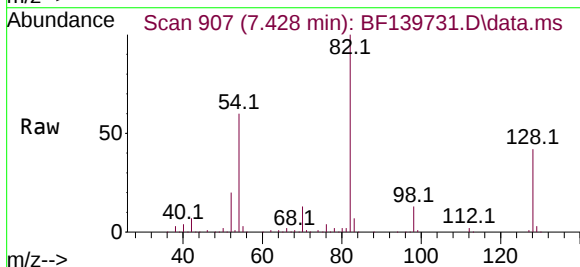
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	10.3	8.3	12.5
68	6.3	4.6	7.0



#23
Nitrobenzene-d5
Concen: 54.467 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF139731.D
Acq: 09 Oct 2024 19:26

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

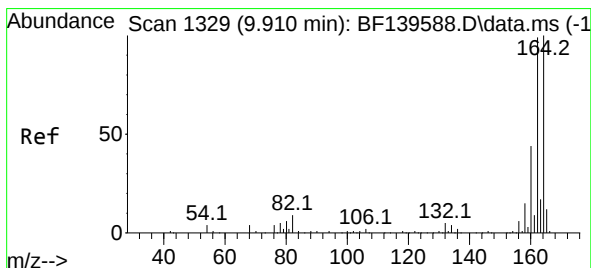
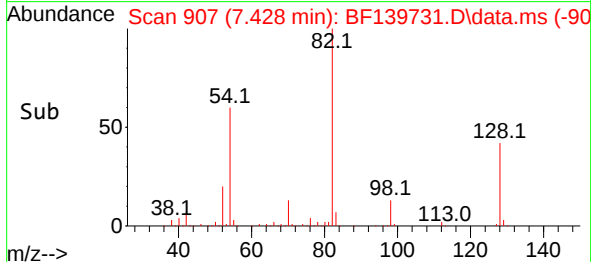
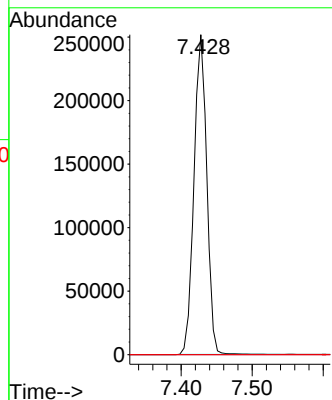
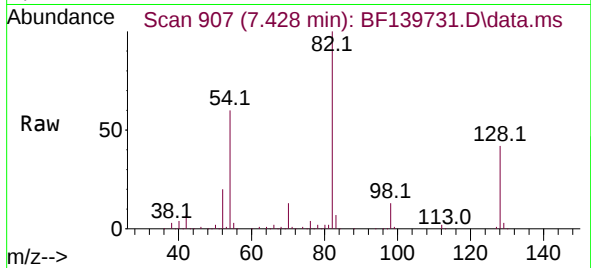




#25
Isophorone
Concen: 30.436 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF139731.D
Acq: 09 Oct 2024 19:26

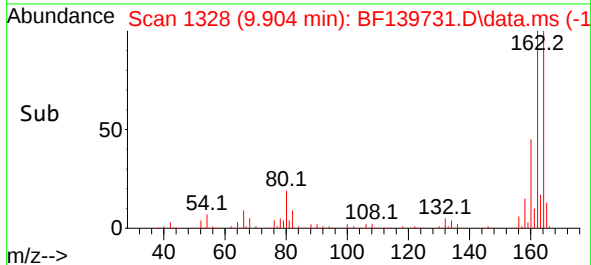
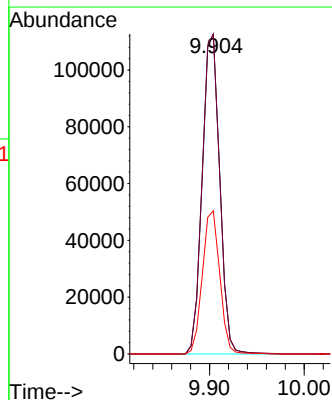
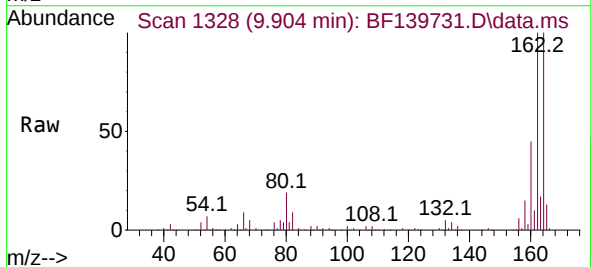
Instrument :
BNA_F
ClientSampleId :
CONCRETE-2

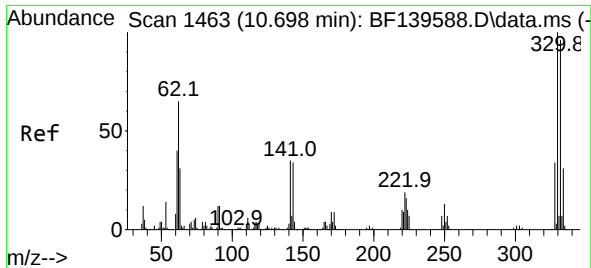
Tgt Ion: 82 Resp: 314912
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 13.4 20.2#



#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

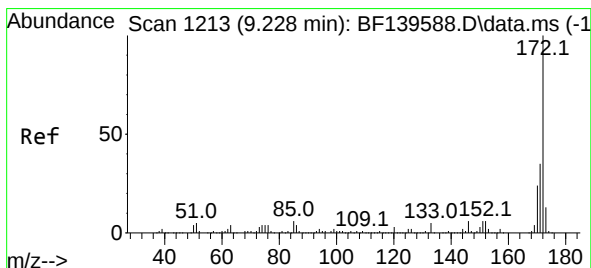
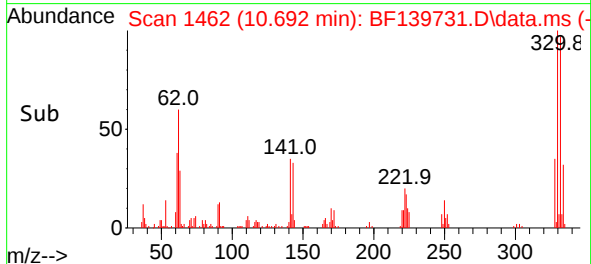
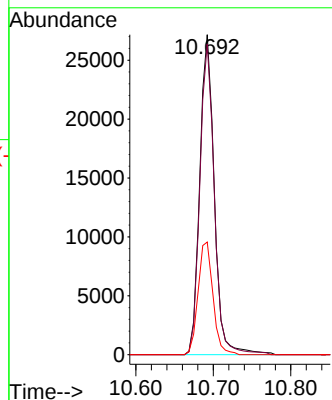
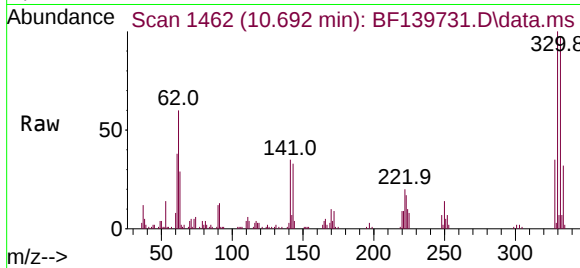




#42
2,4,6-Tribromophenol
Concen: 25.502 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF139731.D
Acq: 09 Oct 2024 19:26

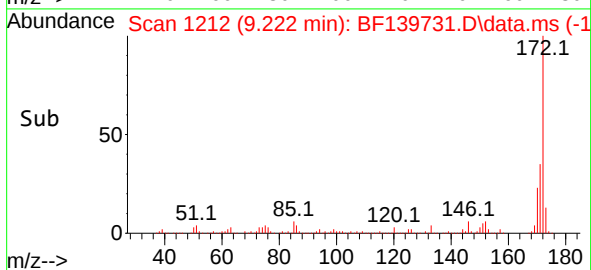
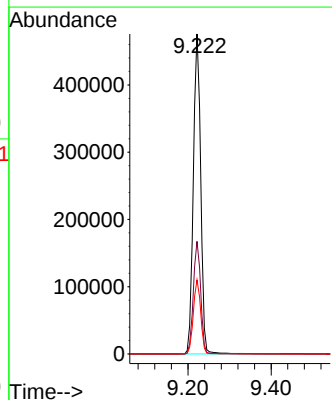
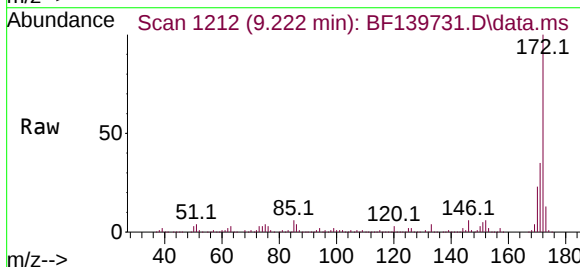
Instrument :
BNA_F
ClientSampleId :
CONCRETE-2

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

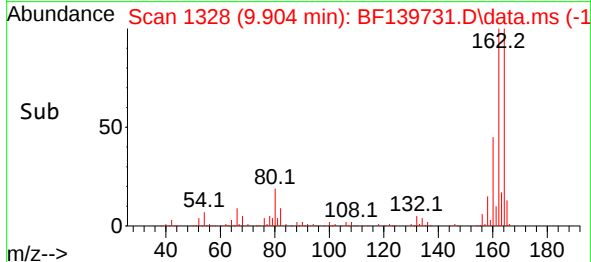
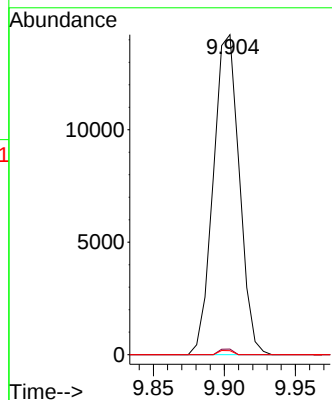
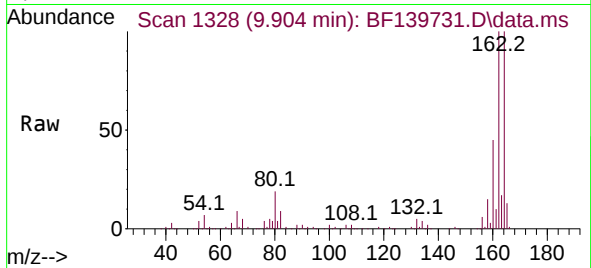




#51
2,6-Dinitrotoluene
Concen: 8.508 ng
RT: 9.904 min Scan# 1328
Delta R.T. 0.212 min
Lab File: BF139731.D
Acq: 09 Oct 2024 19:26

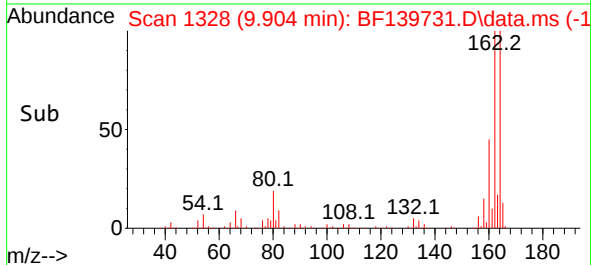
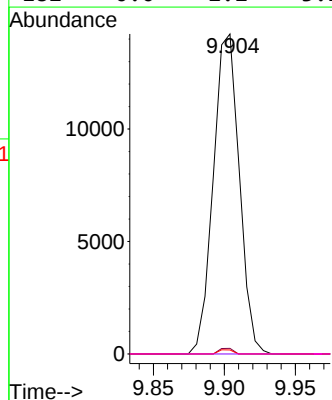
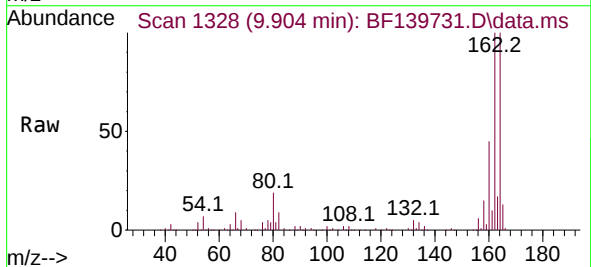
Instrument :
BNA_F
ClientSampleId :
CONCRETE-2

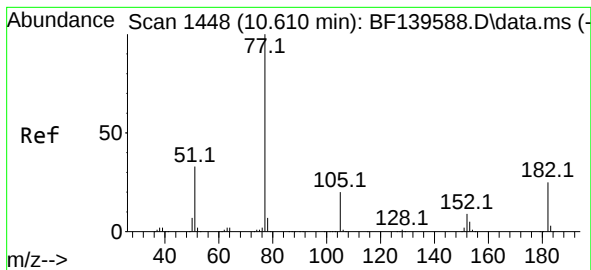
Tgt Ion:165 Resp: 18105
Ion Ratio Lower Upper
165 100
63 1.7 56.7 85.1#
89 1.3 51.6 77.4#



#57
2,4-Dinitrotoluene
Concen: 6.509 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.194 min
Lab File: BF139731.D
Acq: 09 Oct 2024 19:26

Tgt Ion:165 Resp: 18105
Ion Ratio Lower Upper
165 100
63 1.7 46.9 70.3#
89 1.3 64.4 96.6#
182 0.0 2.2 3.2#





#63

Azobenzene

Concen: 4.403 ng

RT: 10.610 min Scan# 1448

Delta R.T. -0.000 min

Lab File: BF139731.D

Acq: 09 Oct 2024 19:26

Instrument :

BNA_F

ClientSampleId :

CONCRETE-2

Tgt Ion: 77 Resp: 43086

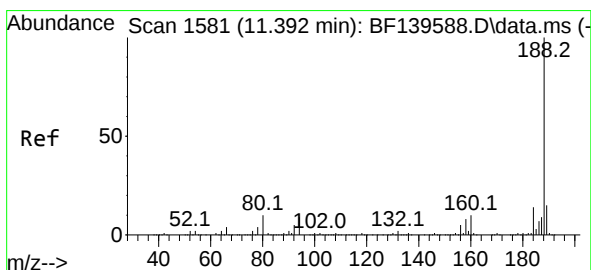
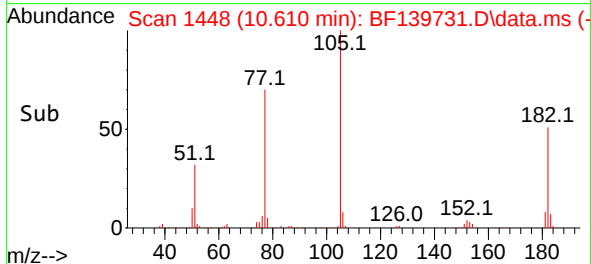
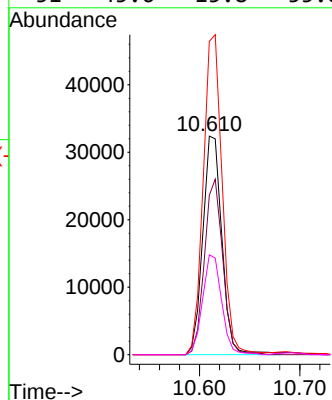
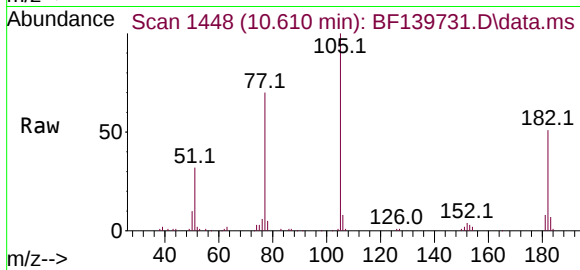
Ion Ratio Lower Upper

77 100

182 72.9 4.2 44.2#

105 143.3 0.0 39.6#

51 45.6 15.8 55.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 1580

Delta R.T. -0.006 min

Lab File: BF139731.D

Acq: 09 Oct 2024 19:26

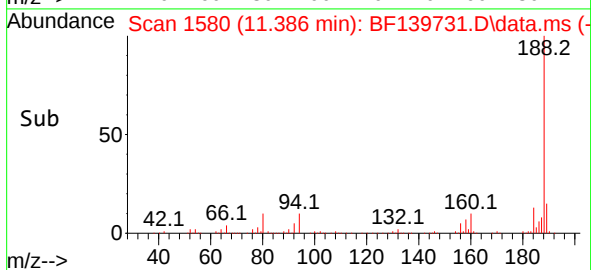
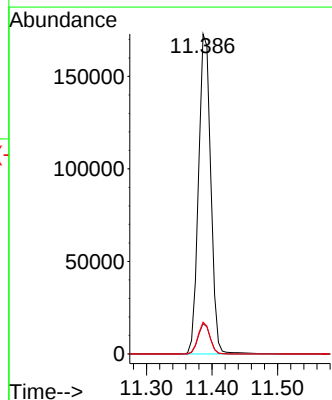
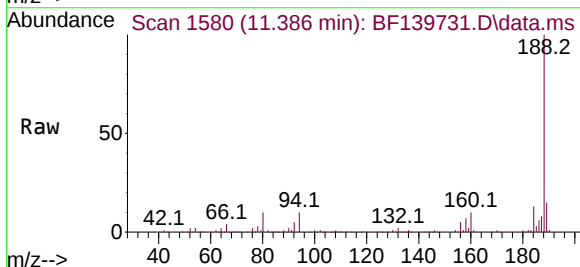
Tgt Ion: 188 Resp: 224821

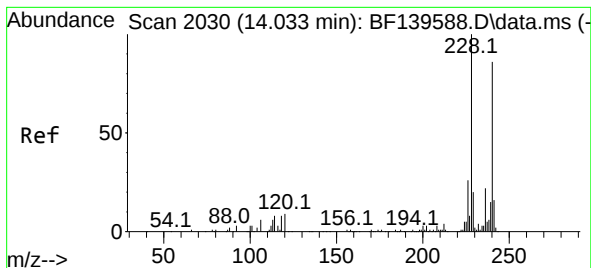
Ion Ratio Lower Upper

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# 2030

Delta R.T. -0.006 min

Lab File: BF139731.D

Acq: 09 Oct 2024 19:26

Instrument :

BNA_F

ClientSampleId :

CONCRETE-2

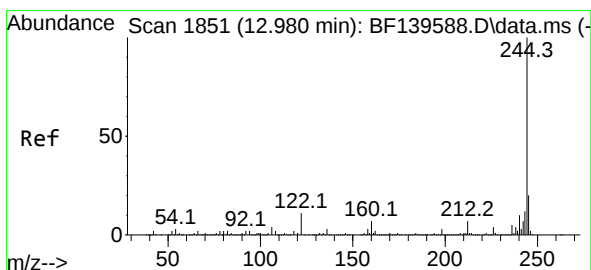
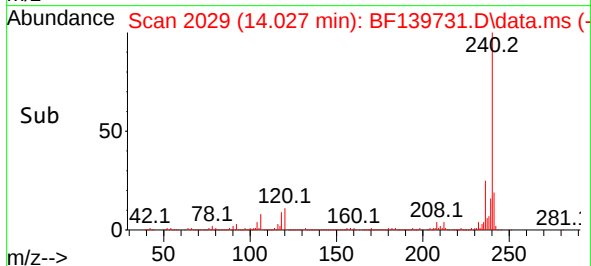
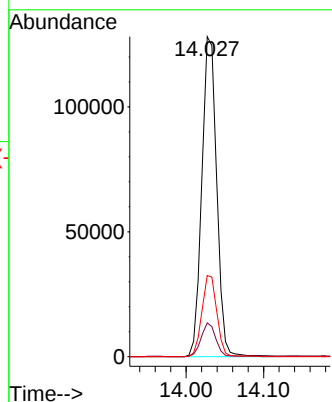
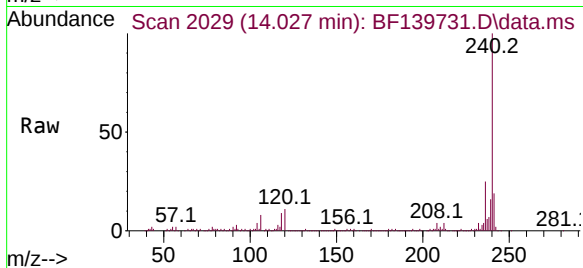
Tgt Ion:240 Resp: 171196

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

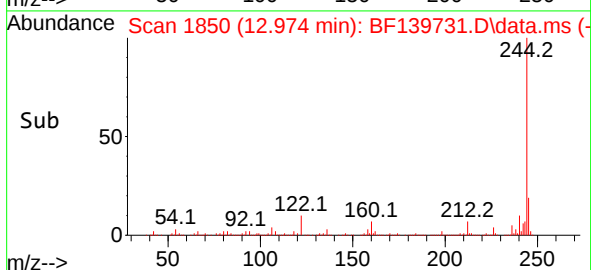
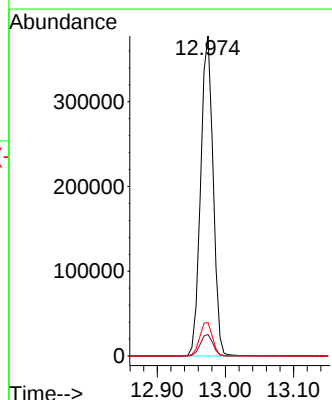
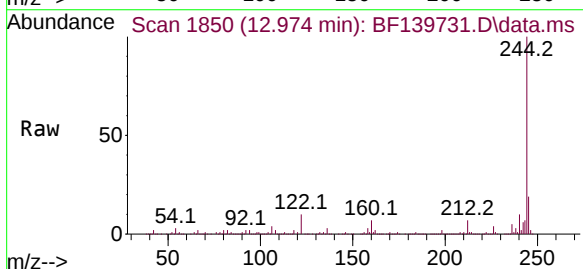
Tgt Ion:244 Resp: 480327

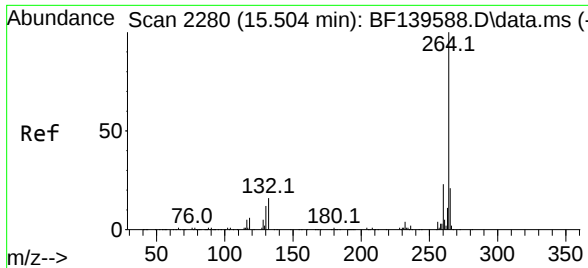
Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.6

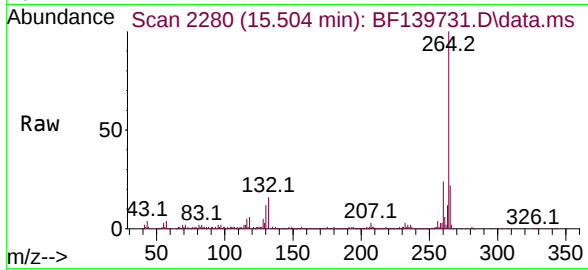
122 10.4 8.6 12.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF139731.D
 Acq: 09 Oct 2024 19:26

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-2



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

