

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102924\
 Data File : BF140107.D
 Acq On : 29 Oct 2024 12:58
 Operator : RC/JU
 Sample : P4574-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-1

Quant Time: Oct 29 13:27:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

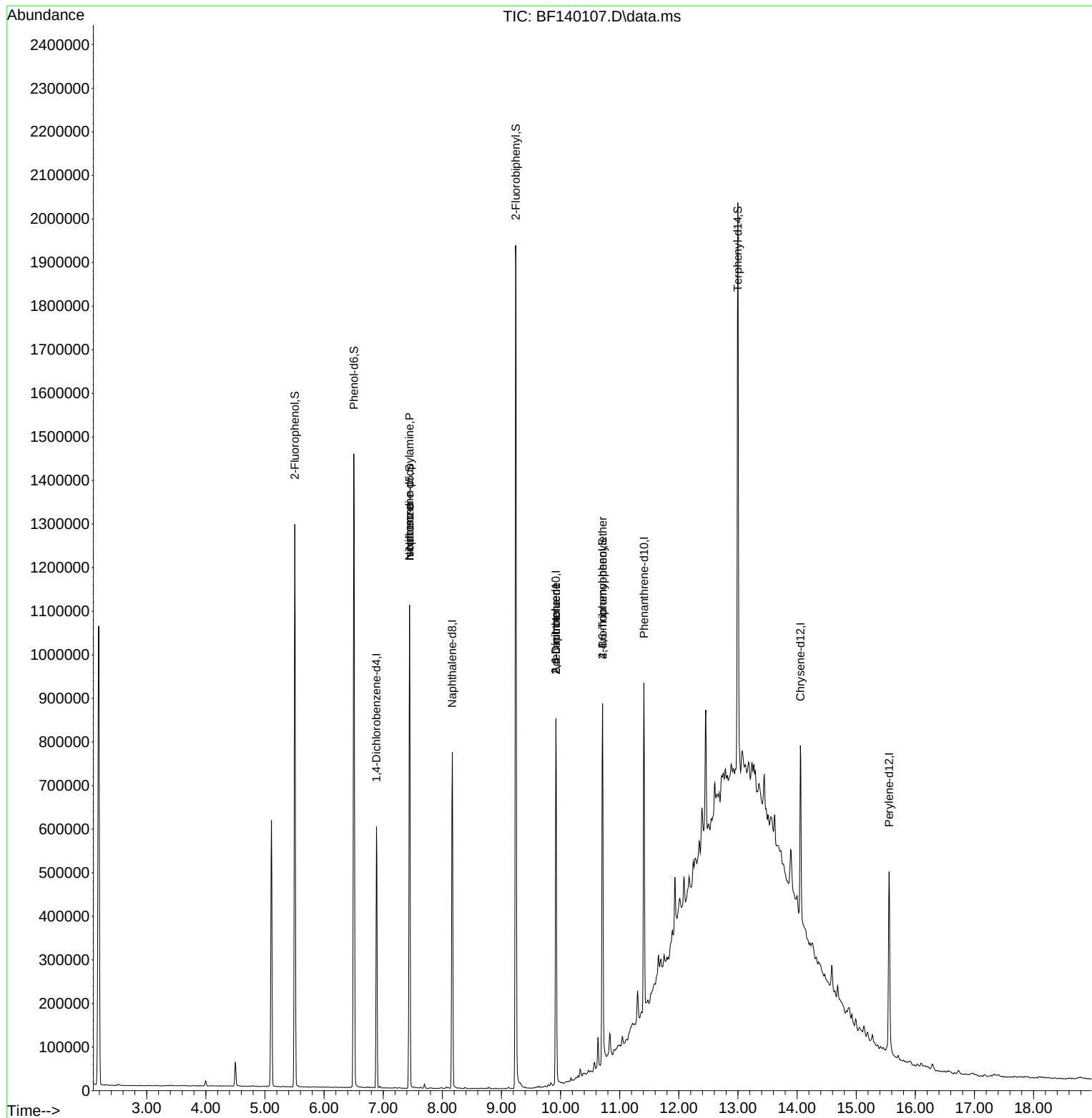
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	120911	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	466864	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	255534	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	394541	20.000	ng	0.00
76) Chrysene-d12	14.057	240	198199	20.000	ng	0.00
86) Perylene-d12	15.557	264	254774	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	453953	58.775	ng	0.00
7) Phenol-d6	6.504	99	666244	66.603	ng	0.00
23) Nitrobenzene-d5	7.445	82	479986	56.981	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	140224	58.667	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	907991	58.725	ng	0.00
79) Terphenyl-d14	12.998	244	651486	53.562	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	64393	10.614	ng	# 76
25) Isophorone	7.445	82	476549	29.807	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	32977	9.569	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	33219	7.838	ng	# 21
67) 4-Bromophenyl-phenylether	10.710	248	9440	2.323	ng	# 1

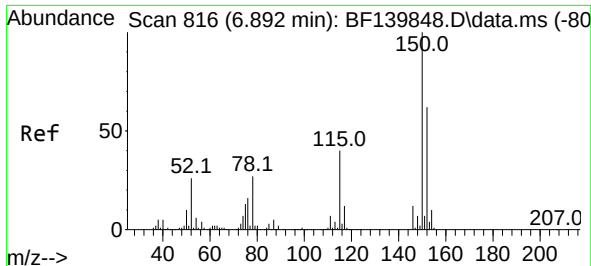
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 18 15:07:50 2024
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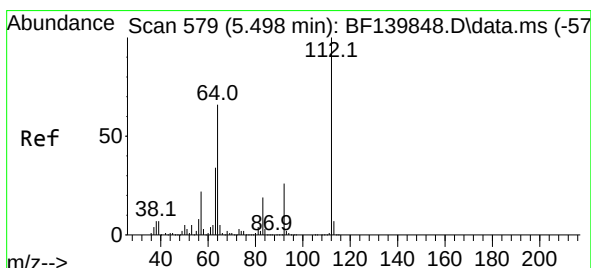
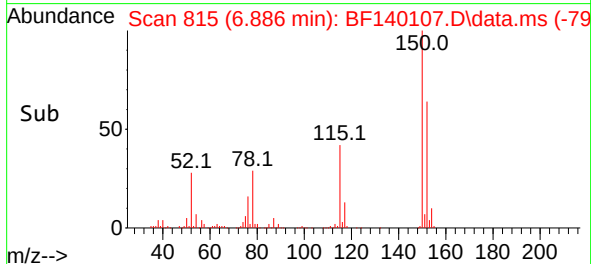
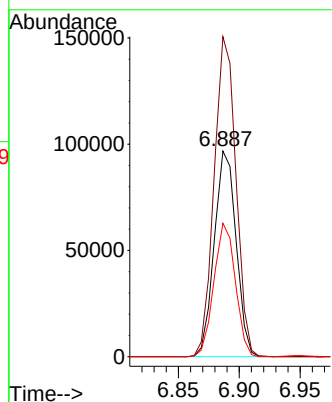
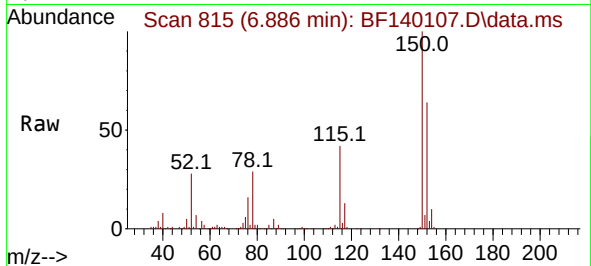




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140107.D
Acq: 29 Oct 2024 12:58

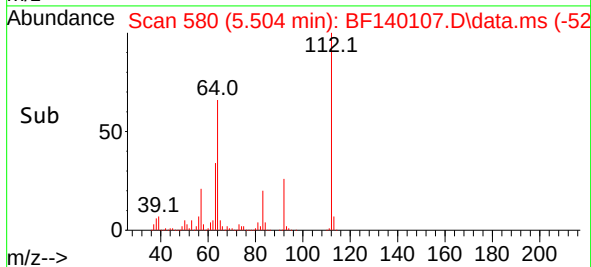
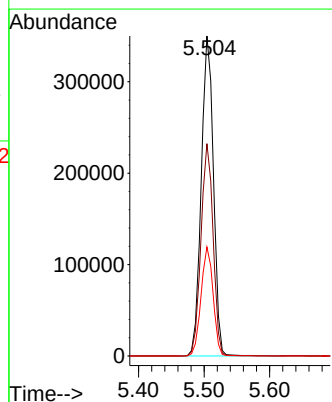
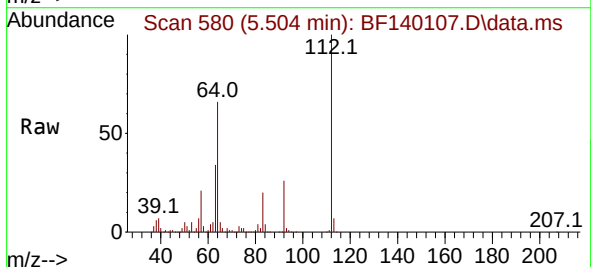
Instrument :
BNA_F
ClientSampleId :
CONCRETE-1

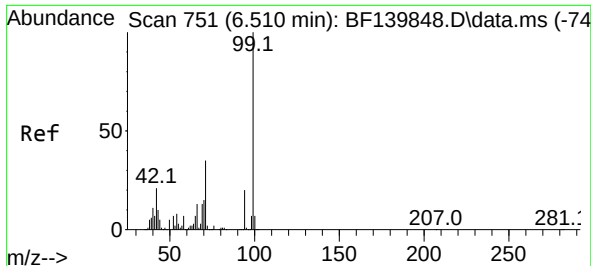
Tgt Ion:152 Resp: 120911
Ion Ratio Lower Upper
152 100
150 155.6 130.2 195.2
115 64.9 51.4 77.2



#5
2-Fluorophenol
Concen: 58.775 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140107.D
Acq: 29 Oct 2024 12:58

Tgt Ion:112 Resp: 453953
Ion Ratio Lower Upper
112 100
64 66.3 53.0 79.6
63 34.0 27.0 40.4

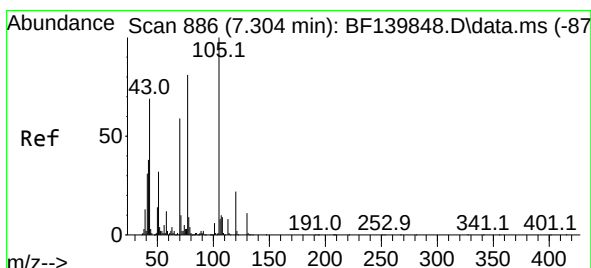
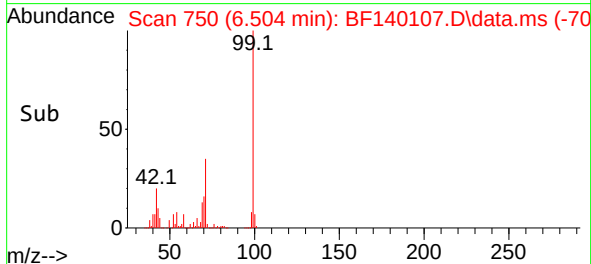
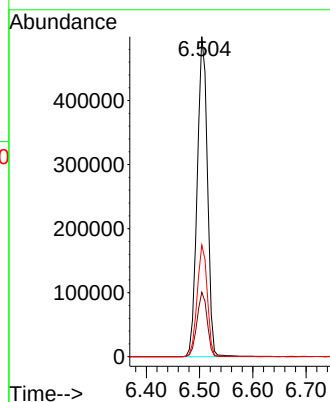
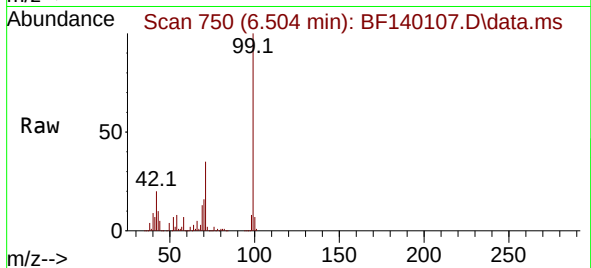




#7
Phenol-d6
Concen: 66.603 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140107.D
Acq: 29 Oct 2024 12:58

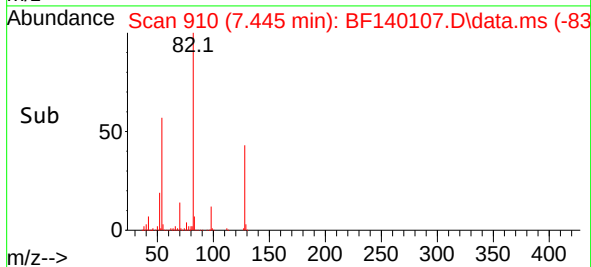
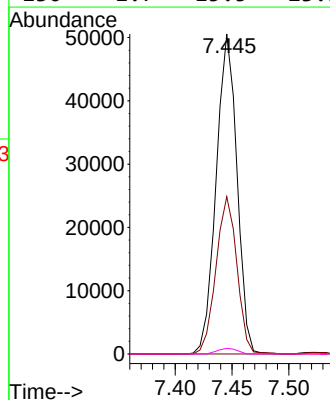
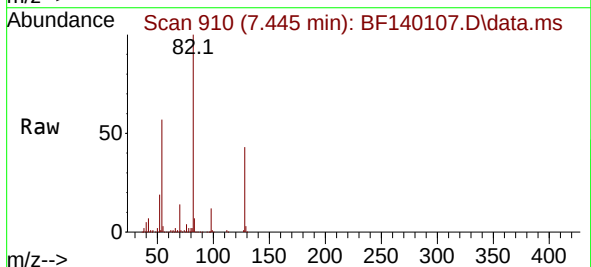
Instrument :
BNA_F
ClientSampleId :
CONCRETE-1

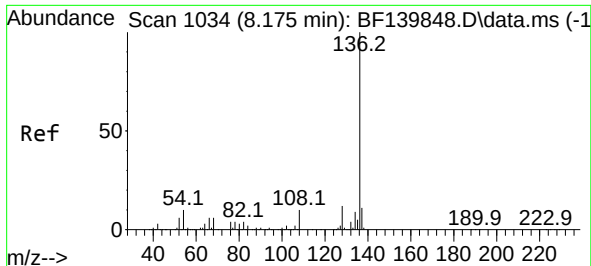
Tgt Ion: 99 Resp: 666244
Ion Ratio Lower Upper
99 100
42 20.2 16.7 25.1
71 34.9 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 10.614 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF140107.D
Acq: 29 Oct 2024 12:58

Tgt Ion: 70 Resp: 64393
Ion Ratio Lower Upper
70 100
42 49.2 51.5 77.3#
101 0.0 7.5 11.3#
130 1.7 15.5 23.3#





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140107.D
Acq: 29 Oct 2024 12:58

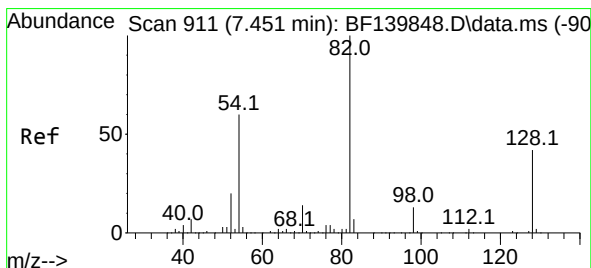
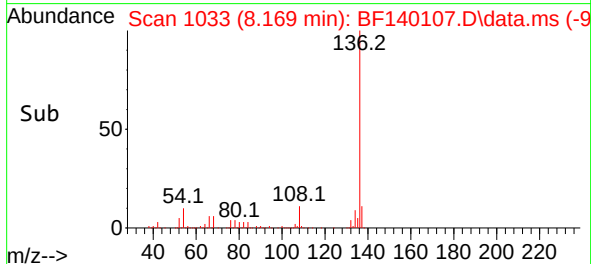
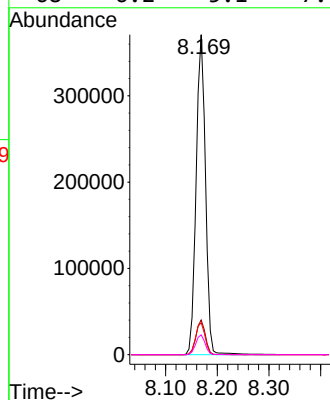
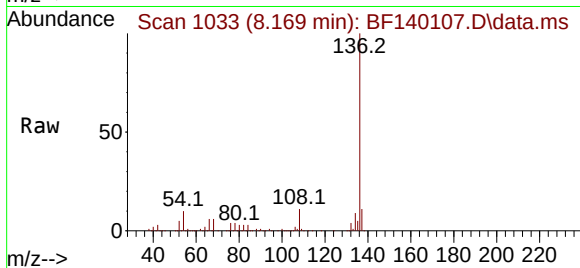
Instrument :

BNA_F

ClientSampleId :

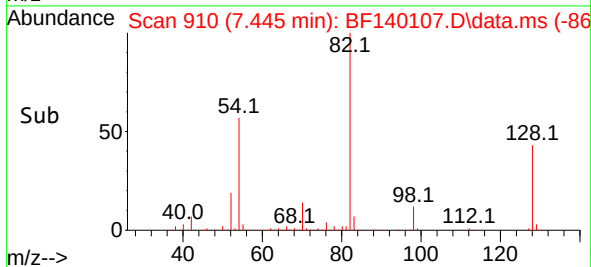
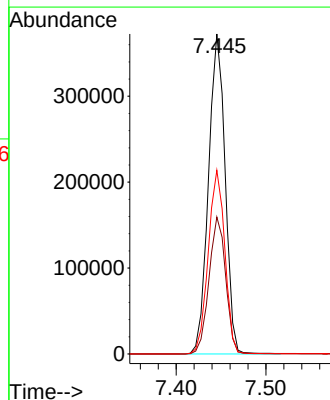
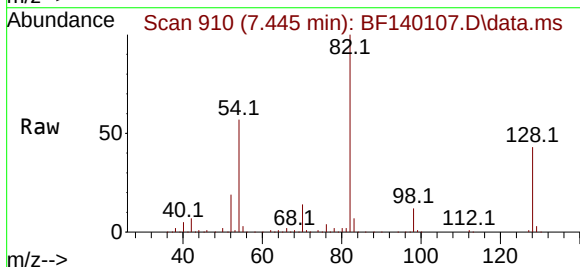
CONCRETE-1

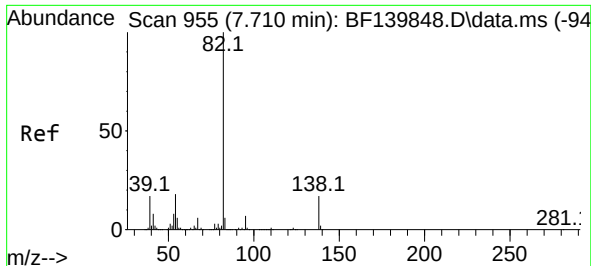
Tgt Ion:136 Resp: 466864
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 10.0 8.4 12.6
68 6.2 5.1 7.7



#23
Nitrobenzene-d5
Concen: 56.981 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF140107.D
Acq: 29 Oct 2024 12:58

Tgt Ion: 82 Resp: 479986
Ion Ratio Lower Upper
82 100
128 42.8 33.4 50.0
54 57.4 47.8 71.8

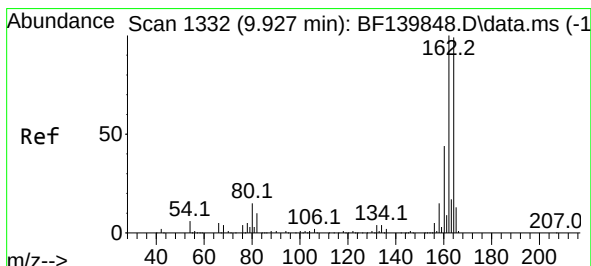
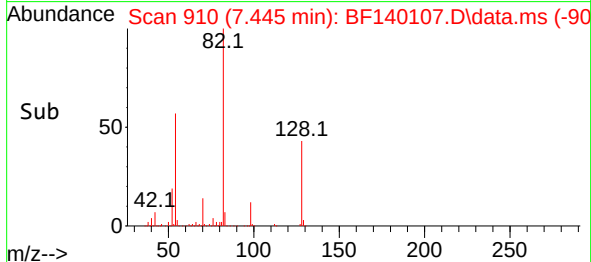
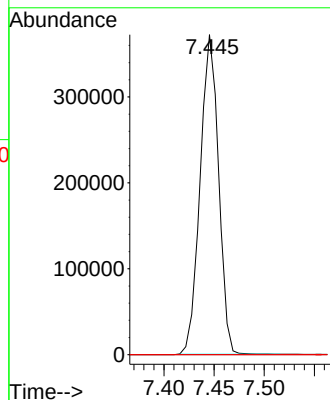
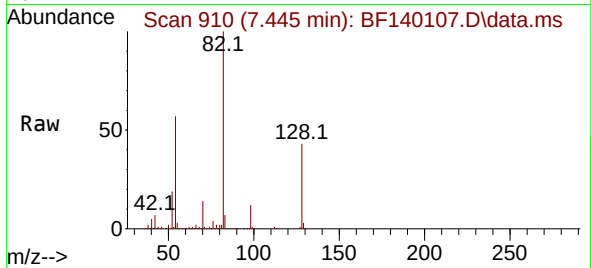




#25
Isophorone
Concen: 29.807 ng
RT: 7.445 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF140107.D
Acq: 29 Oct 2024 12:58

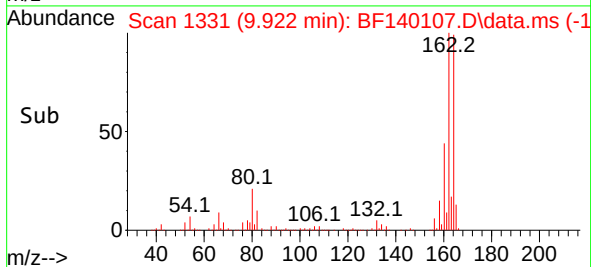
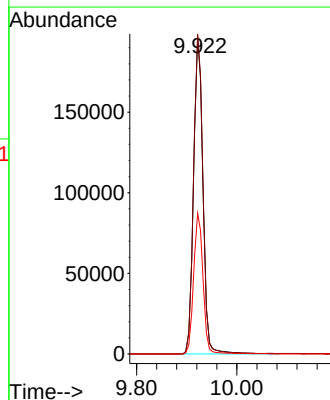
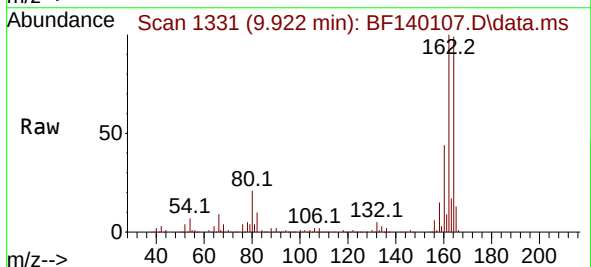
Instrument :
BNA_F
ClientSampleId :
CONCRETE-1

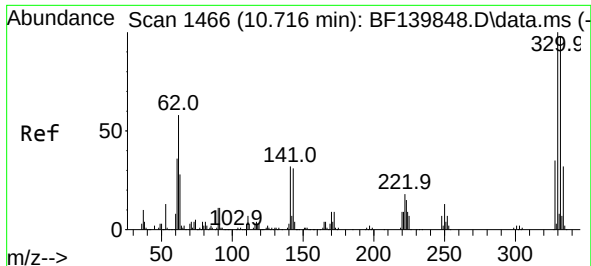
Tgt Ion: 82 Resp: 476549
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF140107.D
Acq: 29 Oct 2024 12:58

Tgt Ion: 164 Resp: 255534
Ion Ratio Lower Upper
164 100
162 101.0 81.0 121.4
160 44.4 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 58.667 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.006 min

Lab File: BF140107.D

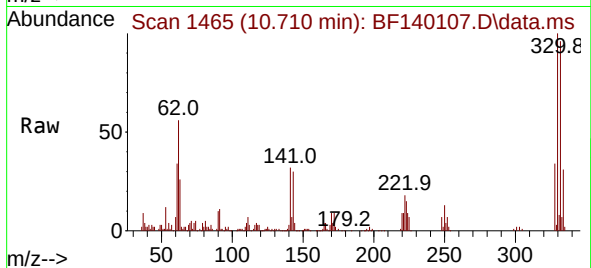
Acq: 29 Oct 2024 12:58

Instrument :

BNA_F

ClientSampleId :

CONCRETE-1



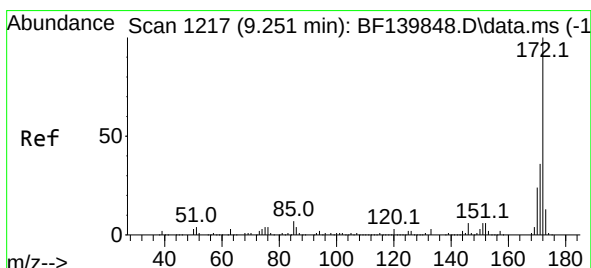
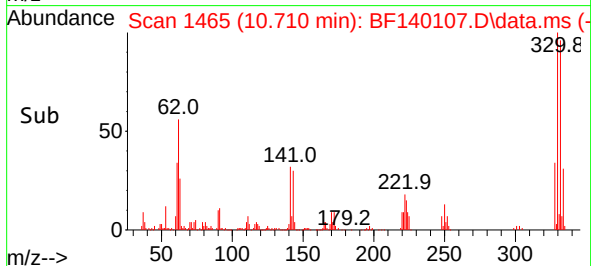
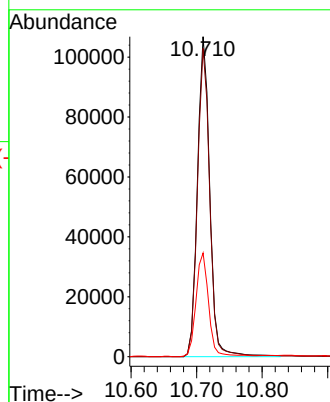
Tgt Ion:330 Resp: 140224

Ion Ratio Lower Upper

330 100

332 95.7 78.1 117.1

141 33.3 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 58.725 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF140107.D

Acq: 29 Oct 2024 12:58

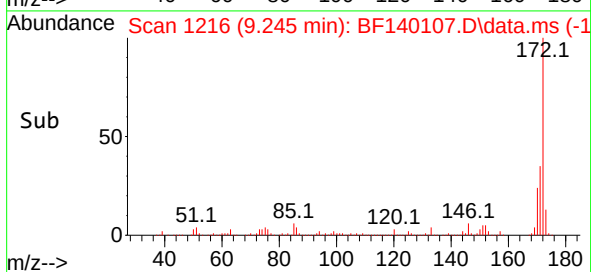
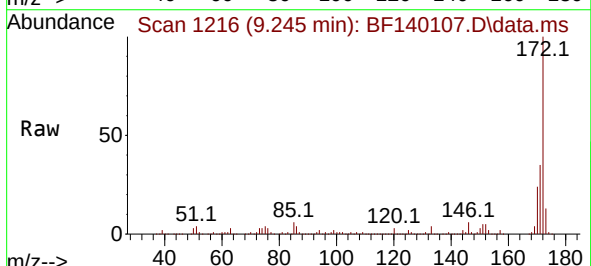
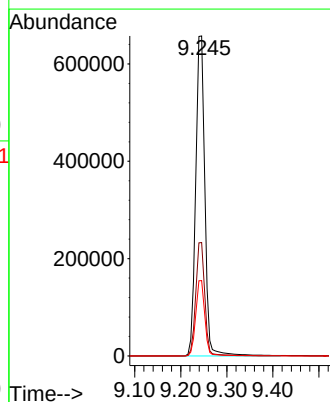
Tgt Ion:172 Resp: 907991

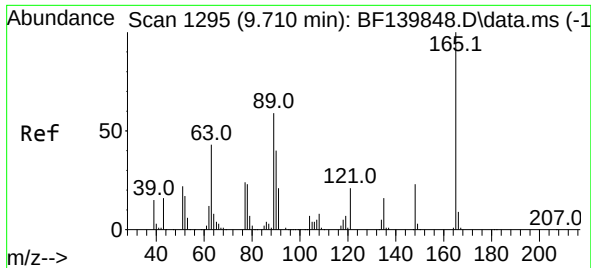
Ion Ratio Lower Upper

172 100

171 35.4 28.6 43.0

170 23.6 19.1 28.7

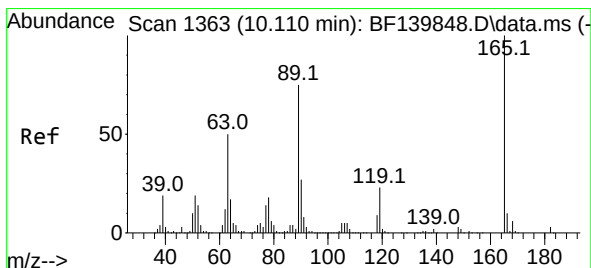
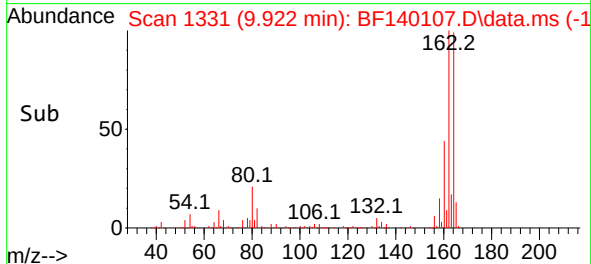
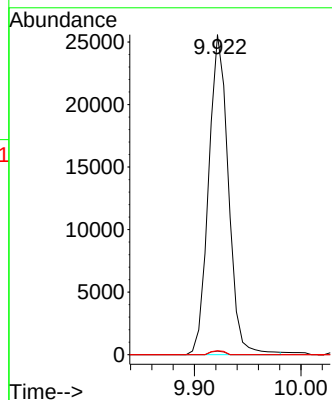
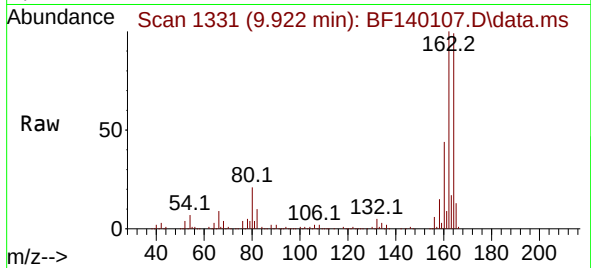




#51
2,6-Dinitrotoluene
Concen: 9.569 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF140107.D
Acq: 29 Oct 2024 12:58

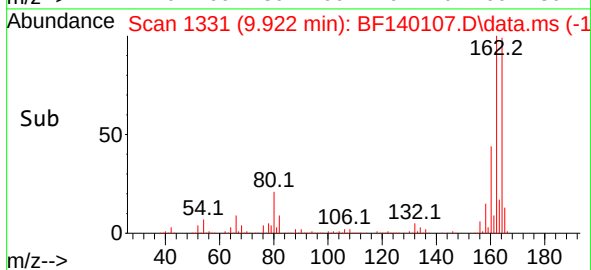
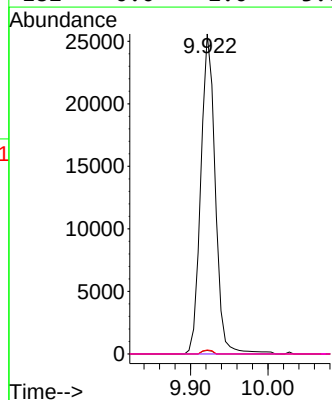
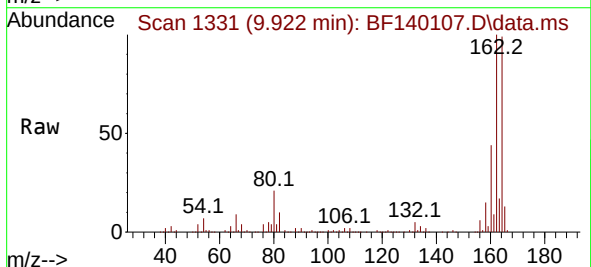
Instrument :
BNA_F
ClientSampleId :
CONCRETE-1

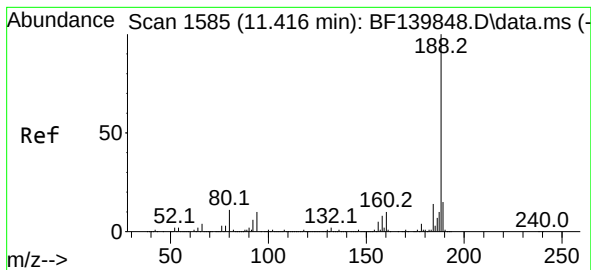
Tgt Ion:165 Resp: 32977
Ion Ratio Lower Upper
165 100
63 1.1 50.6 75.8#
89 1.3 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.838 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF140107.D
Acq: 29 Oct 2024 12:58

Tgt Ion:165 Resp: 33219
Ion Ratio Lower Upper
165 100
63 1.1 40.1 60.1#
89 1.3 60.4 90.6#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140107.D

Acq: 29 Oct 2024 12:58

Instrument :

BNA_F

ClientSampleId :

CONCRETE-1

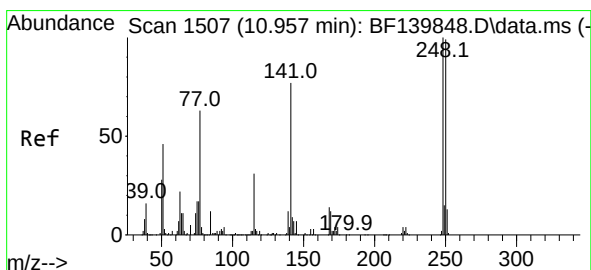
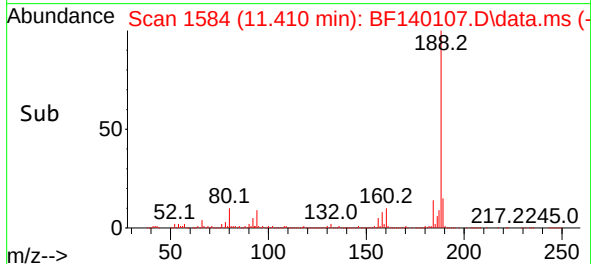
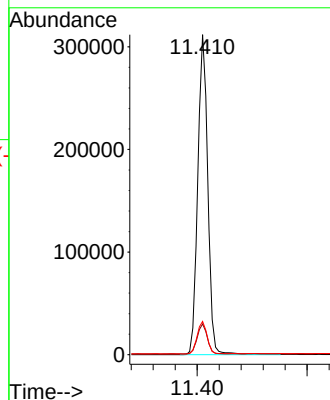
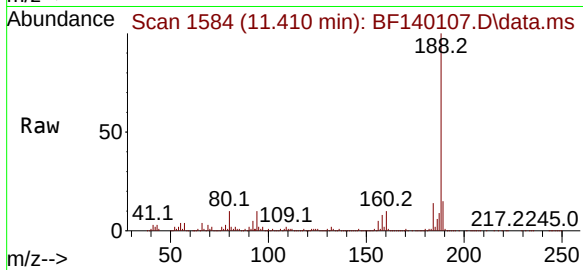
Tgt Ion:188 Resp: 394541

Ion Ratio Lower Upper

188 100

94 9.6 7.9 11.9

80 10.4 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 2.323 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.247 min

Lab File: BF140107.D

Acq: 29 Oct 2024 12:58

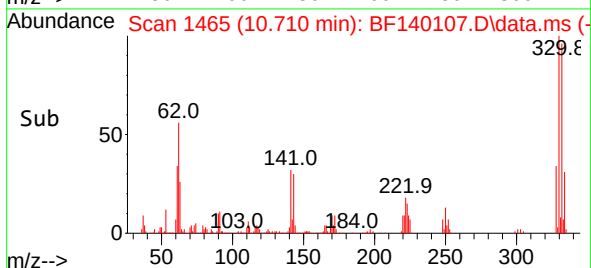
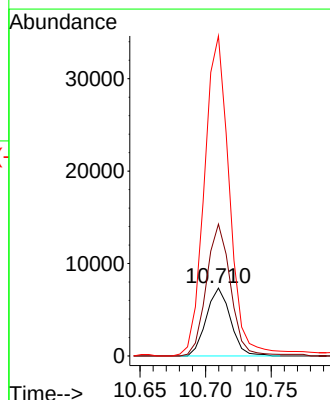
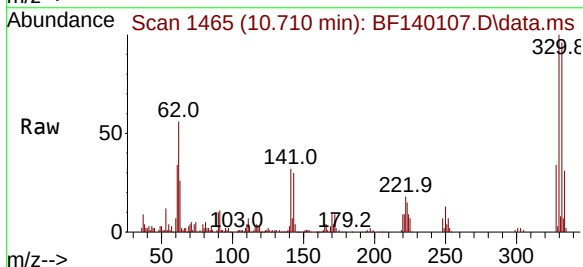
Tgt Ion:248 Resp: 9440

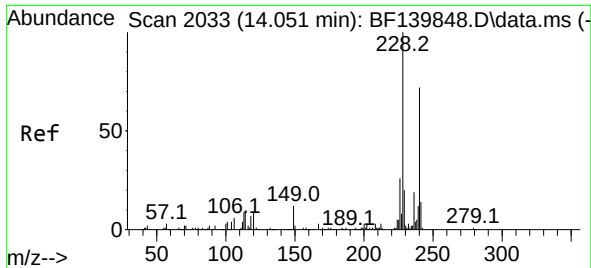
Ion Ratio Lower Upper

248 100

250 194.1 79.0 118.6#

141 471.3 61.7 92.5#

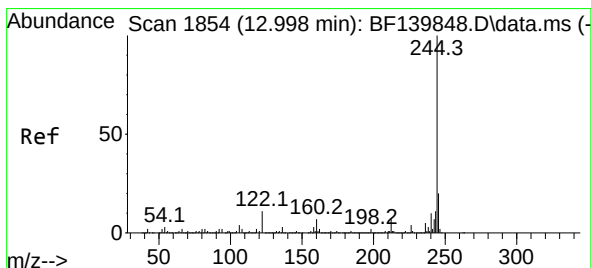
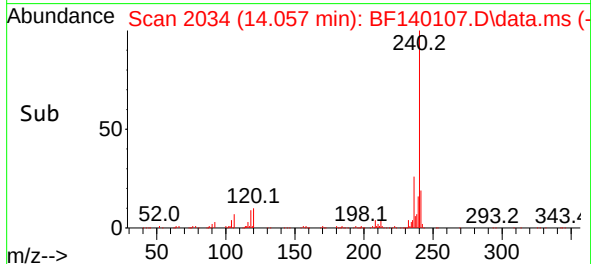
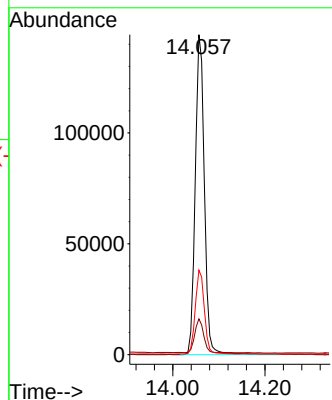
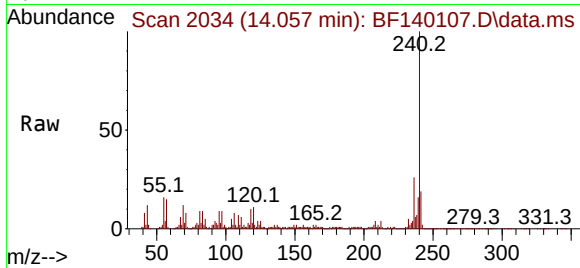




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF140107.D
Acq: 29 Oct 2024 12:58

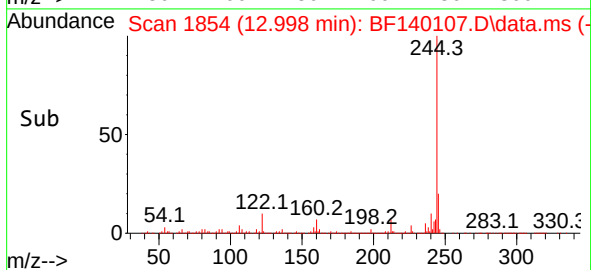
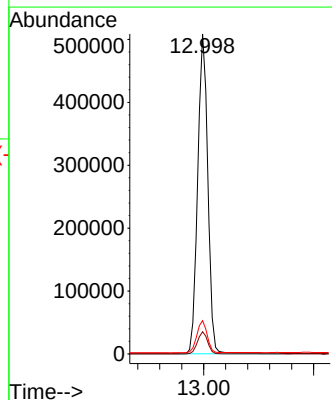
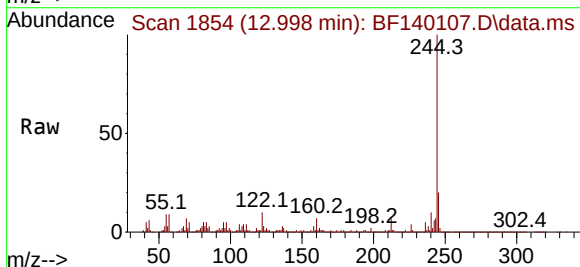
Instrument :
BNA_F
ClientSampleId :
CONCRETE-1

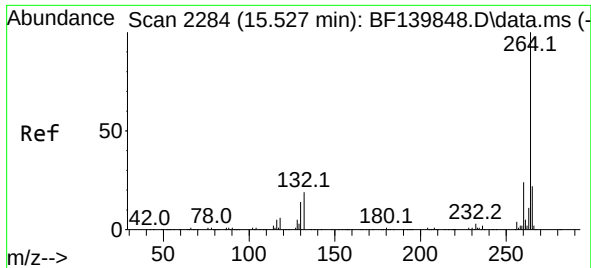
Tgt Ion:240 Resp: 198199
Ion Ratio Lower Upper
240 100
120 11.2 9.4 14.2
236 26.4 20.9 31.3



#79
Terphenyl-d14
Concen: 53.562 ng
RT: 12.998 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BF140107.D
Acq: 29 Oct 2024 12:58

Tgt Ion:244 Resp: 651486
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 10.4 8.6 13.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 21
 Delta R.T. 0.029 min
 Lab File: BF140107.D
 Acq: 29 Oct 2024 12:58

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-1

Tgt Ion:264 Resp: 254774
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.4 29.2
 265 21.1 17.4 26.0

