

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052521\
 Data File : BF124051.D
 Acq On : 25 May 2021 18:24
 Operator : JU/CG
 Sample : M2515-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-CONCRETE

Quant Time: May 25 18:44:45 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 14 19:05:57 2021
 Response via : Initial Calibration

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

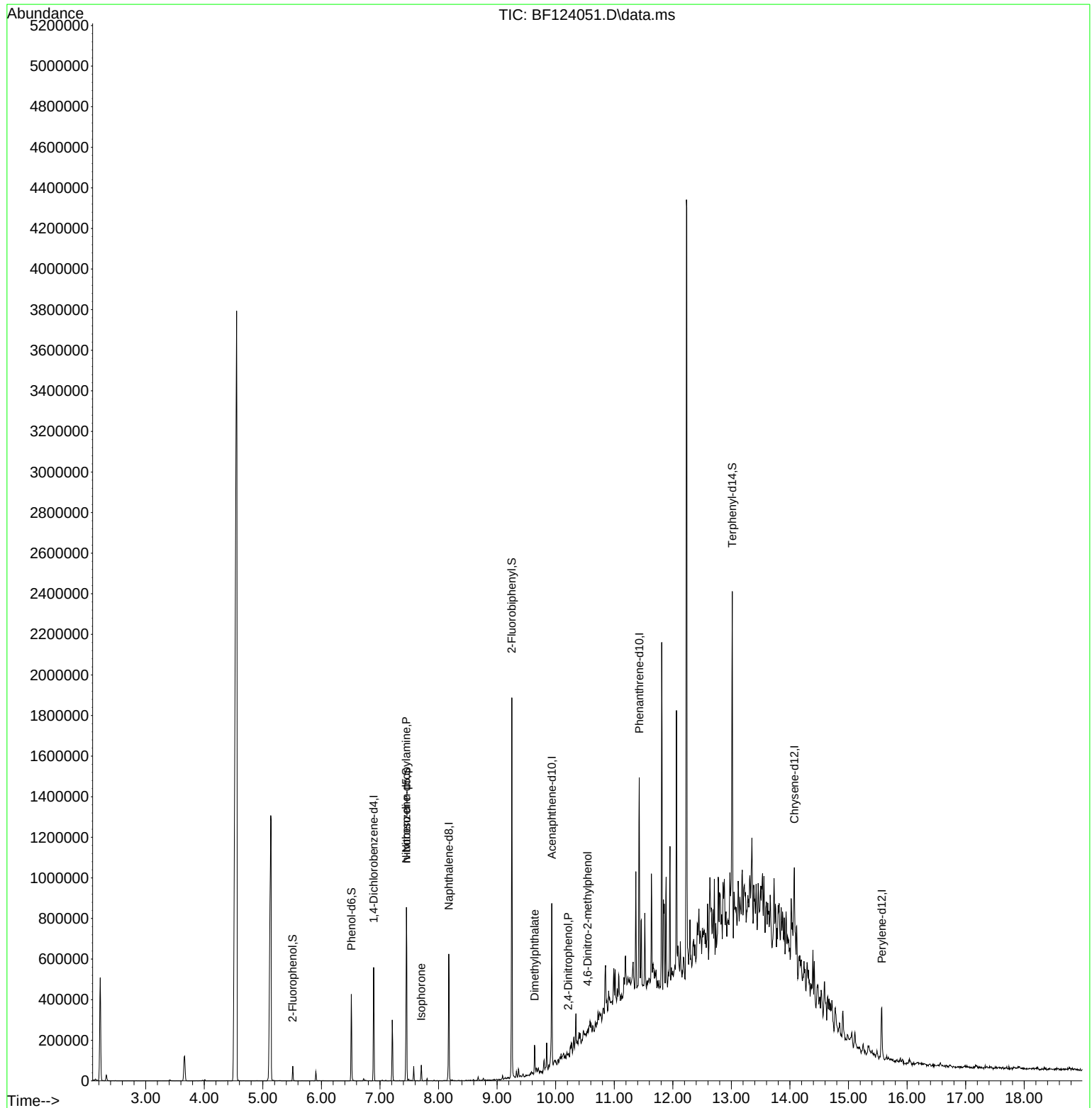
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	66468	20.00	ng	-0.01
21) Naphthalene-d8	8.175	136	246649	20.00	ng	#-0.01
39) Acenaphthene-d10	9.934	164	138758	20.00	ng	-0.01
64) Phenanthrene-d10	11.428	188	220623	20.00	ng	0.00
76) Chrysene-d12	14.074	240	122435	20.00	ng	0.00
86) Perylene-d12	15.568	264	106081	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	15755	3.33	ng	0.00
7) Phenol-d6	6.510	99	104272	16.98	ng	-0.01
23) Nitrobenzene-d5	7.451	82	265591	46.39	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	581	0.35	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	483619	42.89	ng	-0.01
79) Terphenyl-d14	13.016	244	392508	48.55	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.451	70	35985	8.67	ng	# 72
25) Isophorone	7.704	82	22847	2.07	ng	# 85
50) Dimethylphthalate	9.639	163	23960	2.16	ng	# 96
54) 2,4-Dinitrophenol	10.216	184	350	7.54	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.545	198	122	5.51	ng	# 1

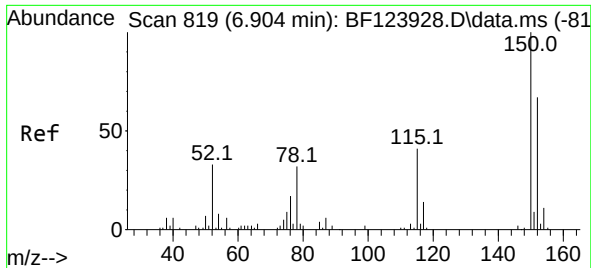
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : M2515-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

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Quant Time: May 25 18:44:45 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 14 19:05:57 2021
Response via : Initial Calibration

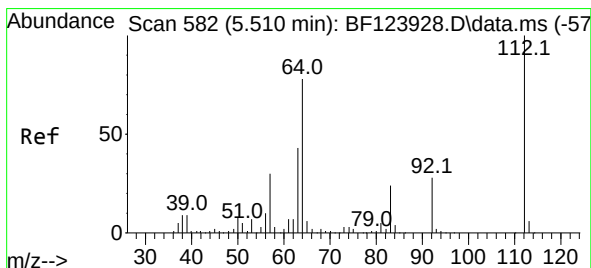
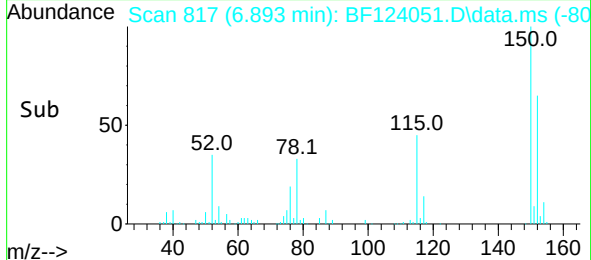
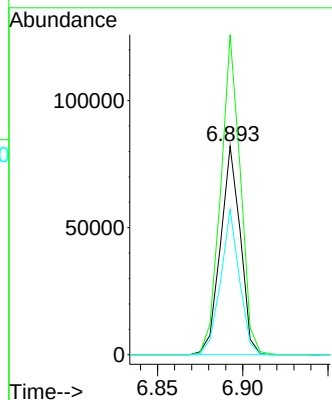
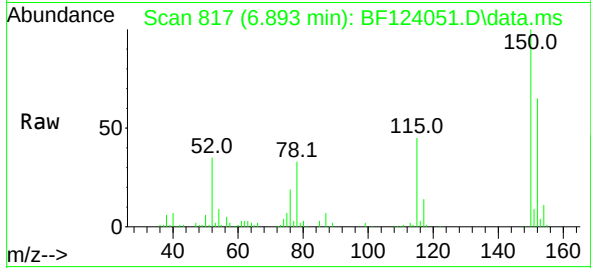




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.893 min Scan# 817
Delta R.T. -0.011 min
Lab File: BF124051.D
Acq: 25 May 2021 18:24

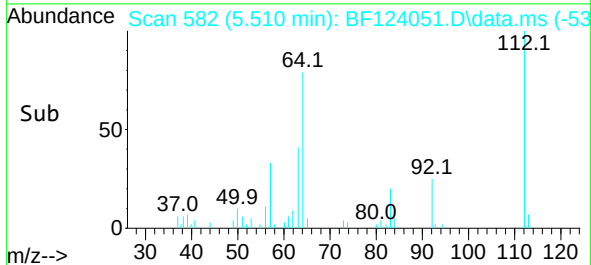
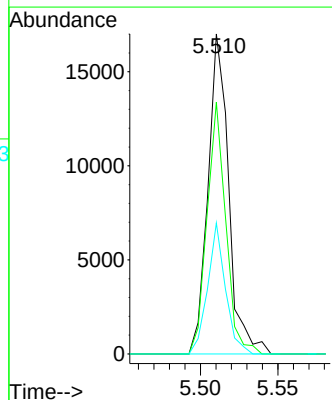
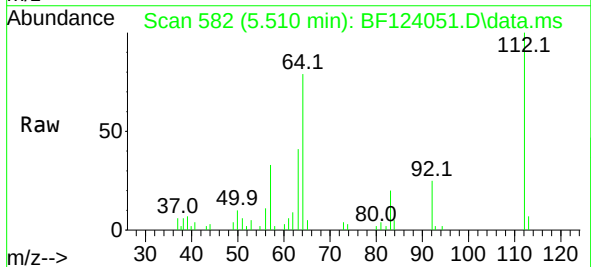
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-CONCRETE

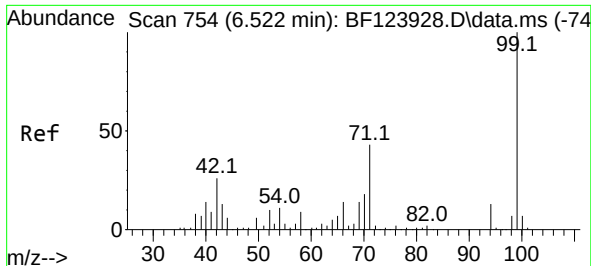
Tgt Ion:152 Resp: 66468
Ion Ratio Lower Upper
152 100
150 153.5 127.0 190.6
115 69.7 54.3 81.5



#5
2-Fluorophenol
Concen: 3.33 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.000 min
Lab File: BF124051.D
Acq: 25 May 2021 18:24

Tgt Ion:112 Resp: 15755
Ion Ratio Lower Upper
112 100
64 78.7 61.4 92.0
63 41.0 33.0 49.4

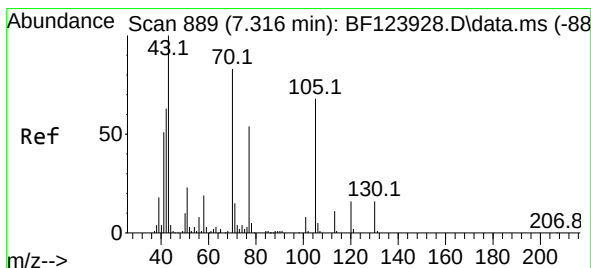
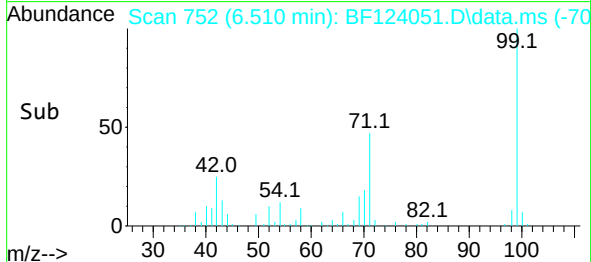
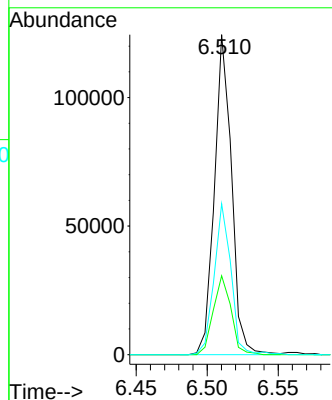
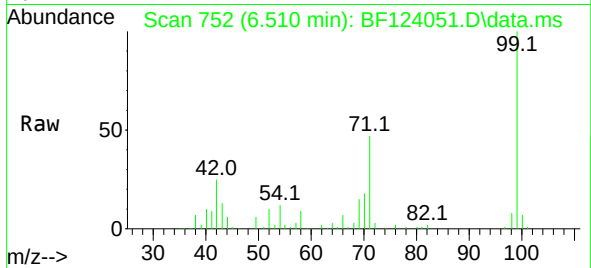




#7
Phenol-d6
Concen: 16.98 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF124051.D
Acq: 25 May 2021 18:24

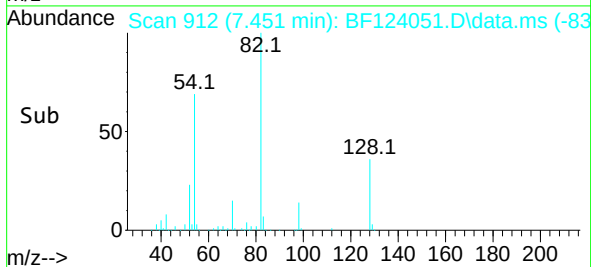
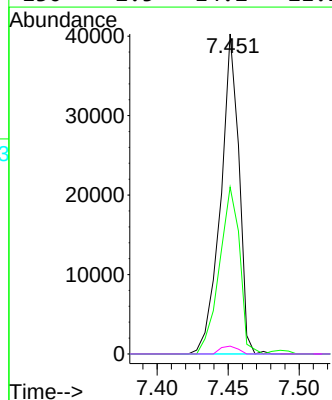
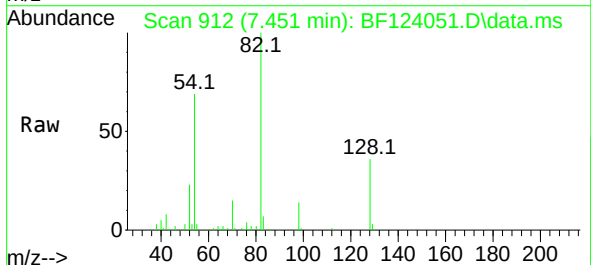
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-CONCRETE

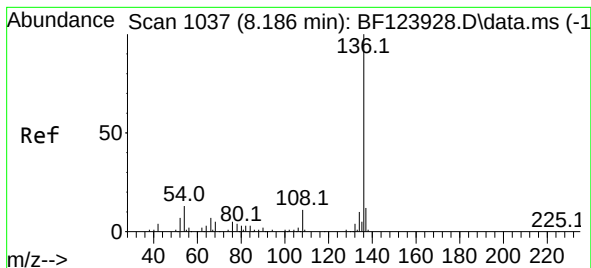
Tgt Ion: 99 Resp: 104272
Ion Ratio Lower Upper
99 100
42 24.7 19.8 29.8
71 47.1 31.1 46.7#



#19
n-Nitroso-di-n-propylamine
Concen: 8.67 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.135 min
Lab File: BF124051.D
Acq: 25 May 2021 18:24

Tgt Ion: 70 Resp: 35985
Ion Ratio Lower Upper
70 100
42 52.2 60.1 90.1#
101 0.0 7.4 11.2#
130 2.5 14.2 21.2#

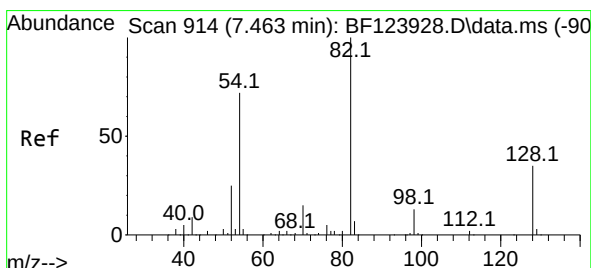
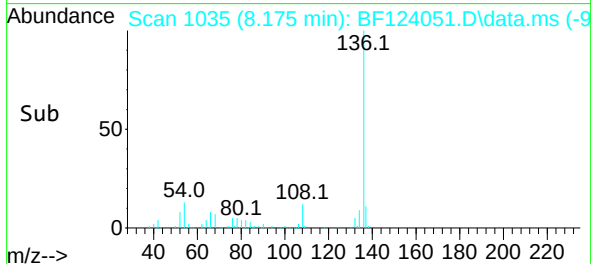
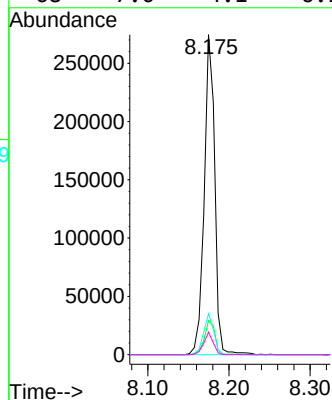
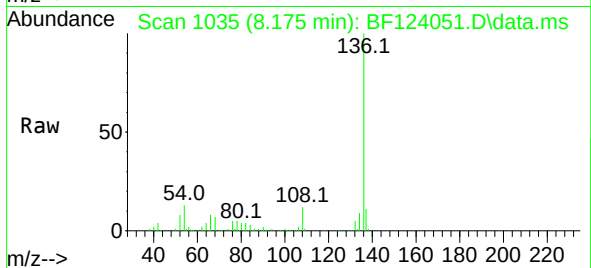




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.011 min
Lab File: BF124051.D
Acq: 25 May 2021 18:24

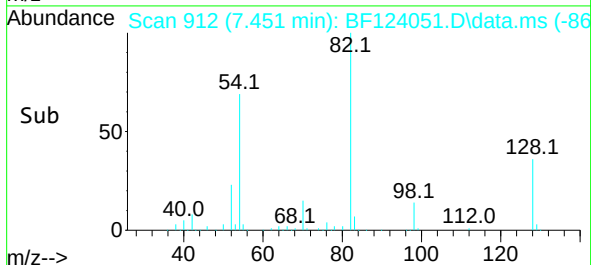
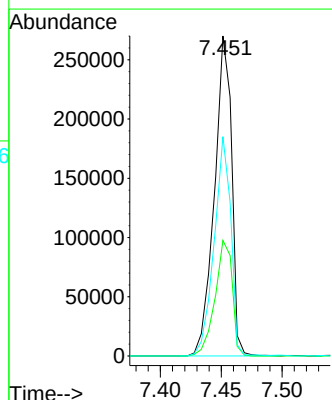
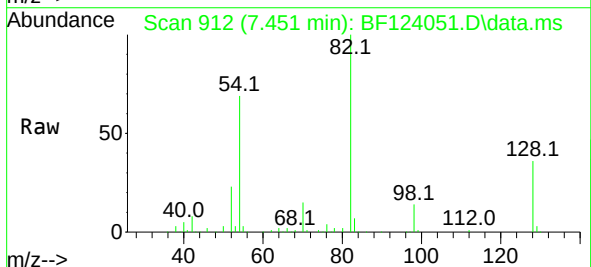
Instrument :
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ClientSampleId :
COMPOSITE-CONCRETE

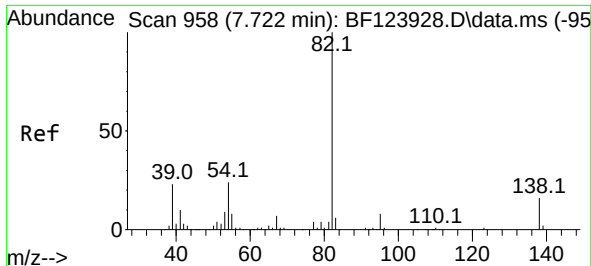
Tgt Ion:136 Resp: 246649
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 12.8 9.8 14.6
68 7.0 4.1 6.1#



#23
Nitrobenzene-d5
Concen: 46.39 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF124051.D
Acq: 25 May 2021 18:24

Tgt Ion: 82 Resp: 265591
Ion Ratio Lower Upper
82 100
128 36.1 29.4 44.2
54 68.6 54.1 81.1

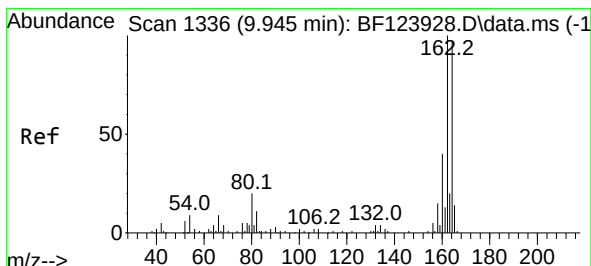
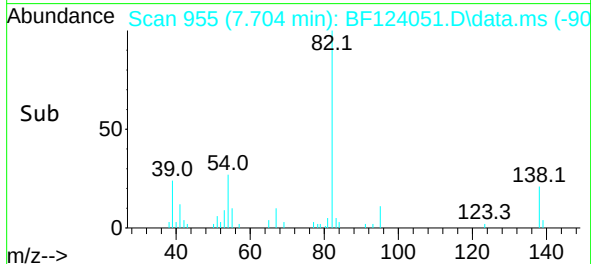
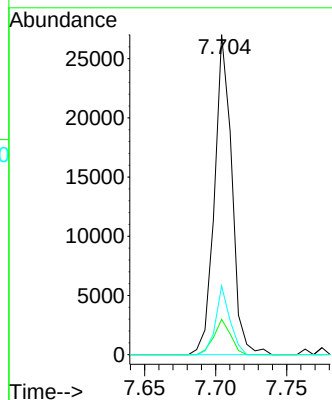
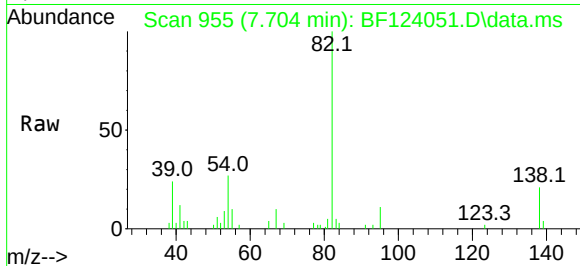




#25
Isophorone
Concen: 2.07 ng
RT: 7.704 min Scan# 955
Delta R.T. -0.017 min
Lab File: BF124051.D
Acq: 25 May 2021 18:24

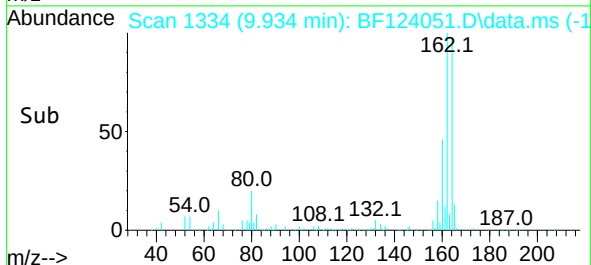
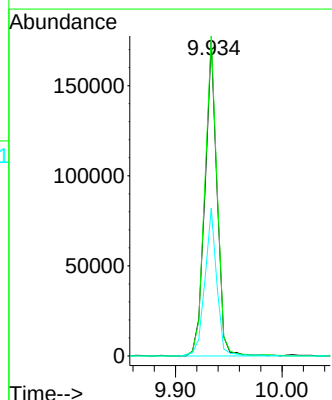
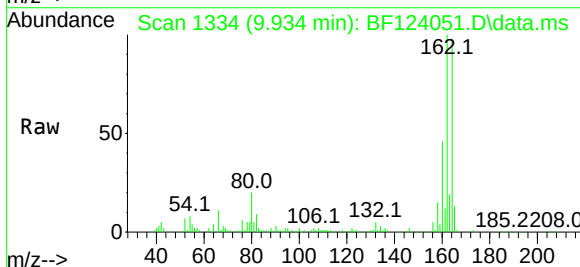
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ClientSampleId :
COMPOSITE-CONCRETE

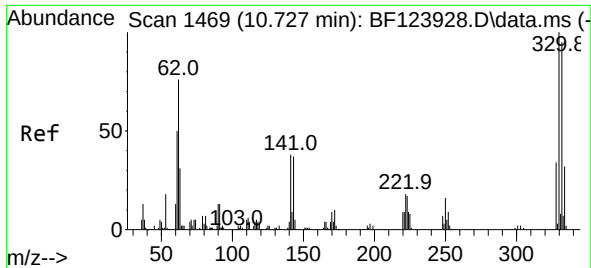
Tgt Ion: 82 Resp: 22847
Ion Ratio Lower Upper
82 100
95 11.0 5.8 8.6#
138 21.5 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.934 min Scan# 1334
Delta R.T. -0.011 min
Lab File: BF124051.D
Acq: 25 May 2021 18:24

Tgt Ion: 164 Resp: 138758
Ion Ratio Lower Upper
164 100
162 101.8 80.7 121.1
160 47.0 37.3 55.9

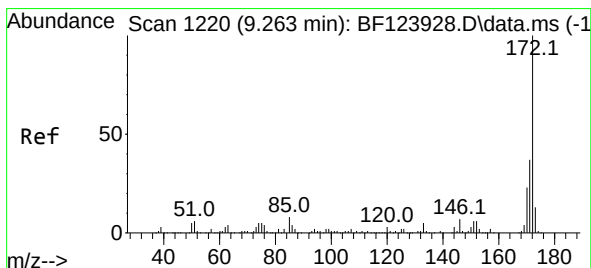
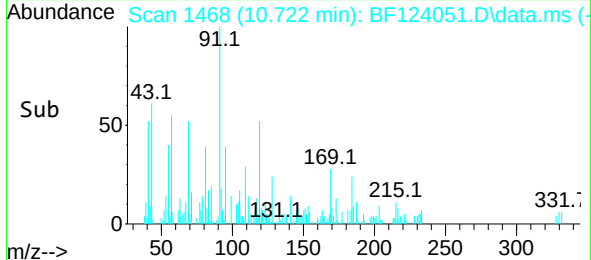
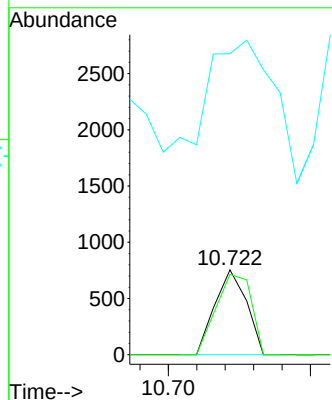
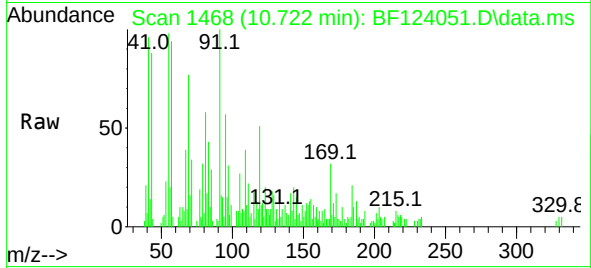




#42
2,4,6-Tribromophenol
Concen: 0.35 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.006 min
Lab File: BF124051.D
Acq: 25 May 2021 18:24

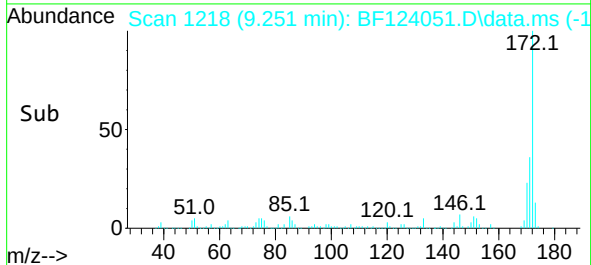
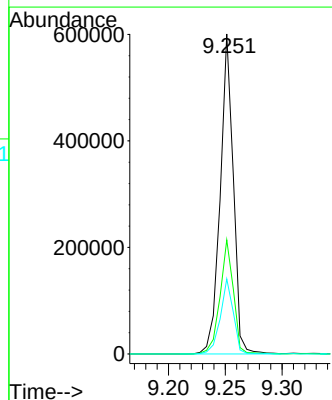
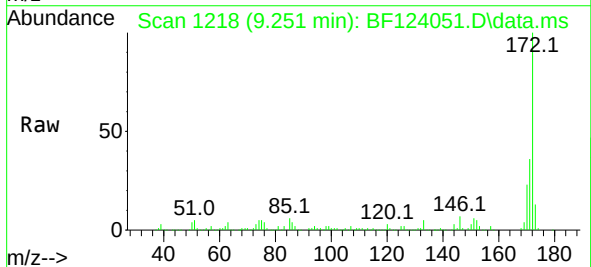
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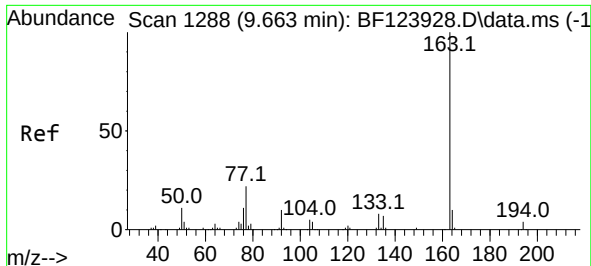
Tgt Ion: 330 Resp: 581
Ion Ratio Lower Upper
330 100
332 105.9 77.1 115.7
141 327.9 27.9 41.9#



#45
2-Fluorobiphenyl
Concen: 42.89 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF124051.D
Acq: 25 May 2021 18:24

Tgt Ion: 172 Resp: 483619
Ion Ratio Lower Upper
172 100
171 35.7 28.1 42.1
170 23.5 19.2 28.8

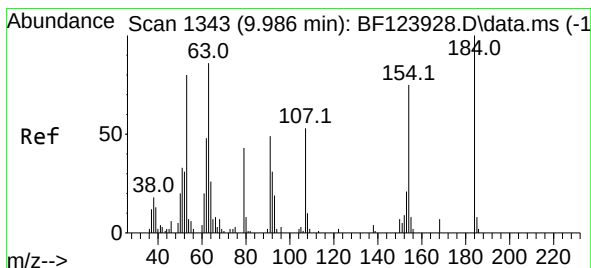
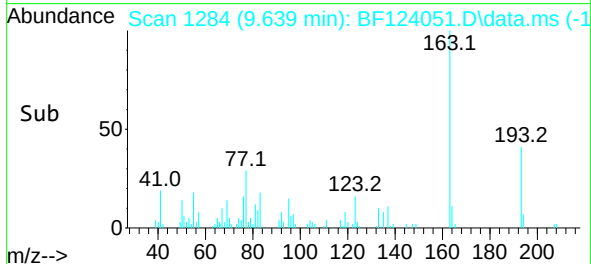
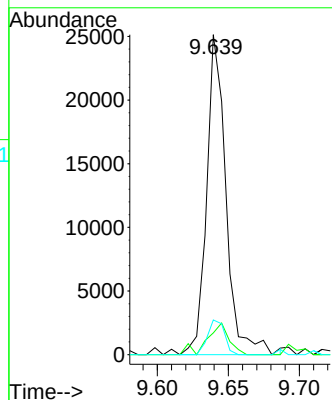
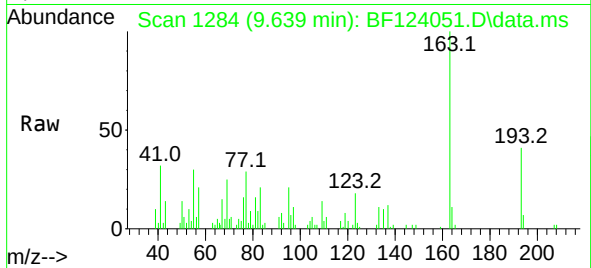




#50
Dimethylphthalate
Concen: 2.16 ng
RT: 9.639 min Scan# 1284
Delta R.T. -0.023 min
Lab File: BF124051.D
Acq: 25 May 2021 18:24

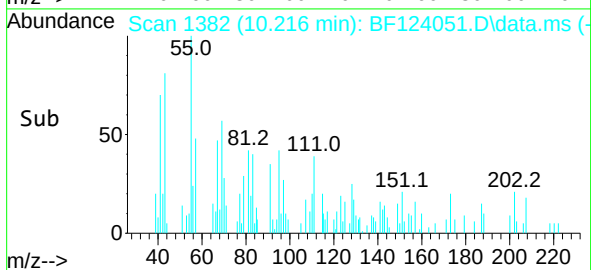
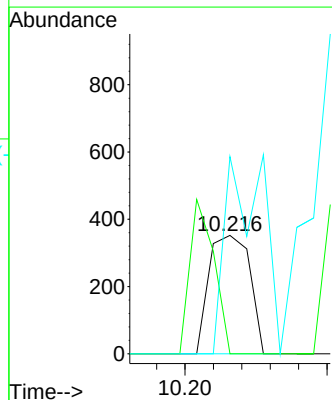
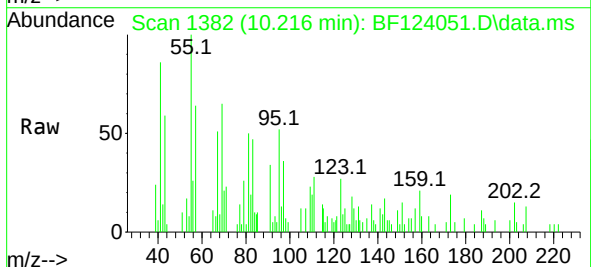
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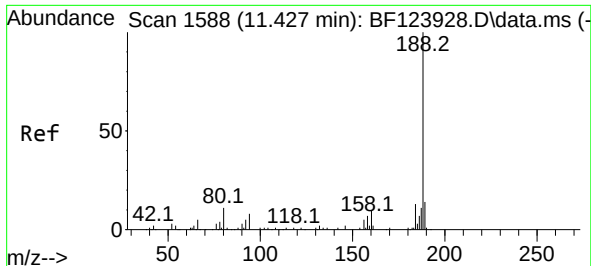
Tgt Ion:163 Resp: 23960
Ion Ratio Lower Upper
163 100
194 6.8 3.1 4.7#
164 10.9 8.2 12.2



#54
2,4-Dinitrophenol
Concen: 7.54 ng
RT: 10.216 min Scan# 1382
Delta R.T. 0.230 min
Lab File: BF124051.D
Acq: 25 May 2021 18:24

Tgt Ion:184 Resp: 350
Ion Ratio Lower Upper
184 100
63 0.0 73.5 110.3#
154 166.5 52.5 78.7#

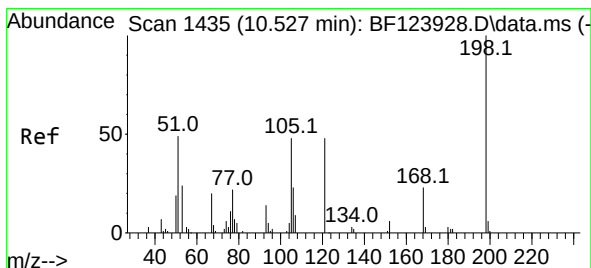
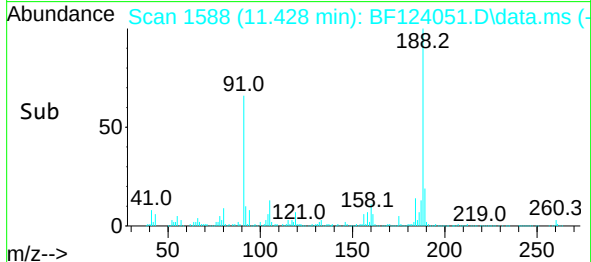
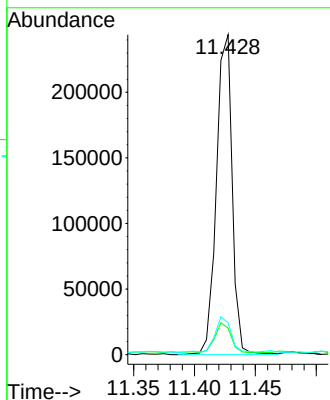
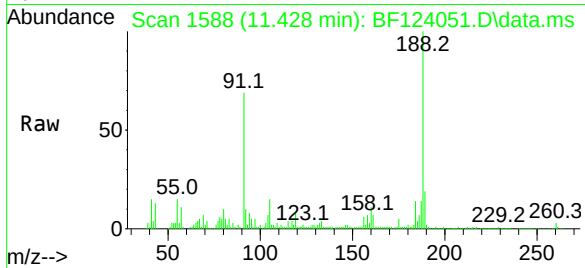




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.428 min Scan# 1588
Delta R.T. 0.001 min
Lab File: BF124051.D
Acq: 25 May 2021 18:24

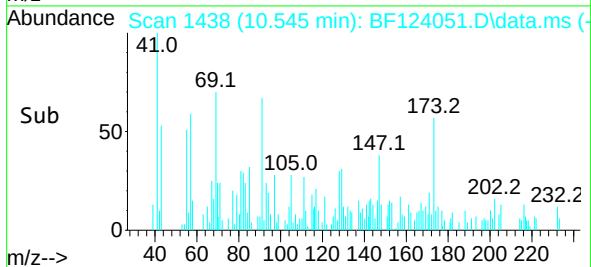
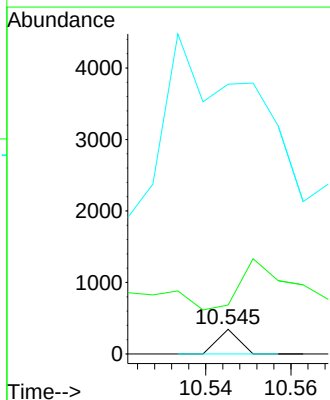
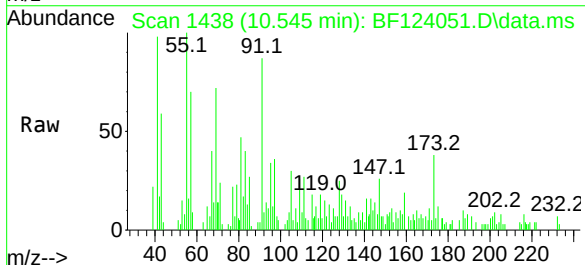
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COMPOSITE-CONCRETE

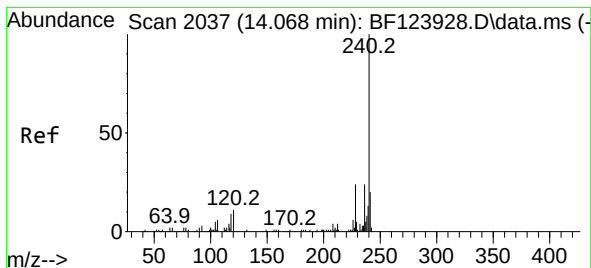
Tgt Ion:188 Resp: 220623
Ion Ratio Lower Upper
188 100
94 8.3 6.9 10.3
80 10.0 8.2 12.2



#65
4,6-Dinitro-2-methylphenol
Concen: 5.51 ng
RT: 10.545 min Scan# 1438
Delta R.T. 0.018 min
Lab File: BF124051.D
Acq: 25 May 2021 18:24

Tgt Ion:198 Resp: 122
Ion Ratio Lower Upper
198 100
51 198.6 64.8 104.8#
105 1093.9 42.6 82.6#

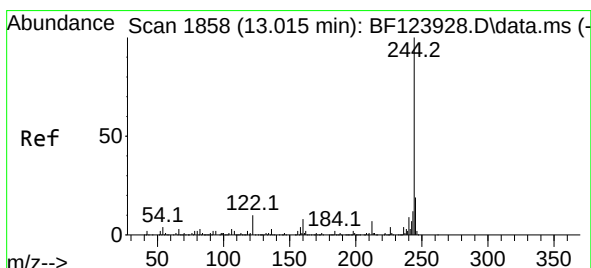
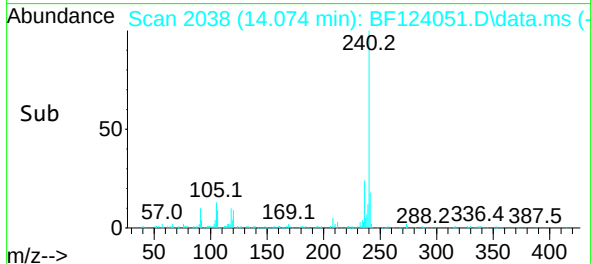
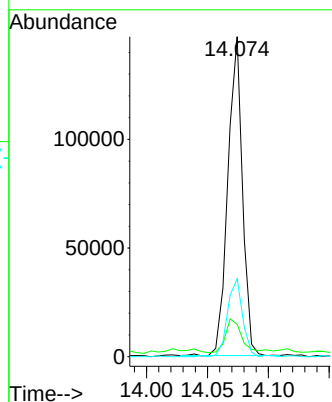
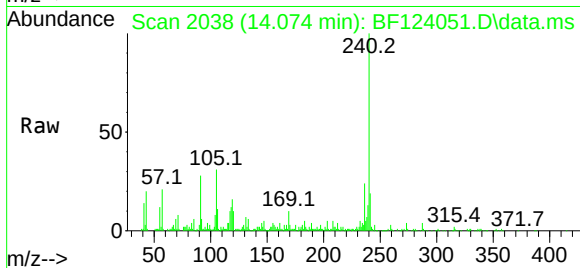




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.074 min Scan# 2038
Delta R.T. 0.006 min
Lab File: BF124051.D
Acq: 25 May 2021 18:24

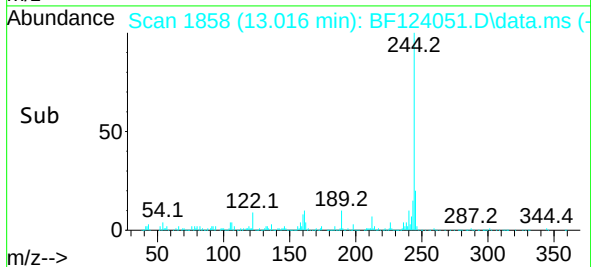
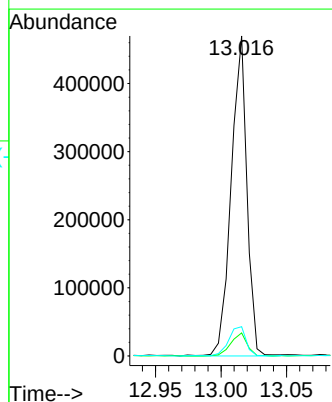
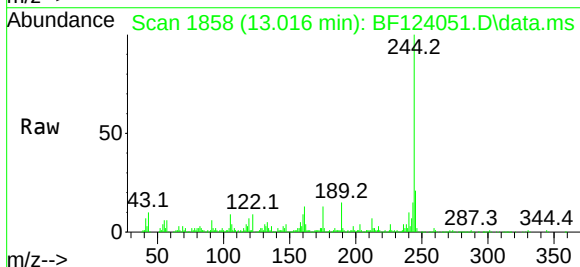
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-CONCRETE

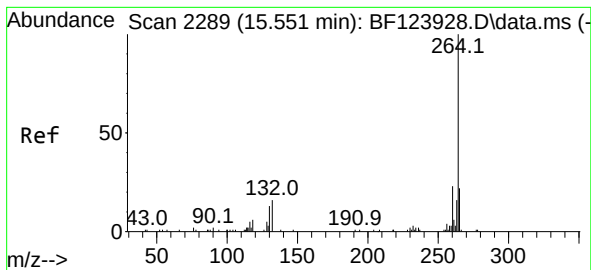
Tgt Ion:240 Resp: 122435
Ion Ratio Lower Upper
240 100
120 10.1 7.2 10.8
236 24.4 19.0 28.4



#79
Terphenyl-d14
Concen: 48.55 ng
RT: 13.016 min Scan# 1858
Delta R.T. 0.000 min
Lab File: BF124051.D
Acq: 25 May 2021 18:24

Tgt Ion:244 Resp: 392508
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 9.2 9.7 14.5#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.568 min Scan# 2292
 Delta R.T. 0.018 min
 Lab File: BF124051.D
 Acq: 25 May 2021 18:24

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-CONCRETE

Tgt Ion:264 Resp: 106081
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.7 28.1
 265 20.0 17.8 26.8

