

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081122\
 Data File : BF129724.D
 Acq On : 11 Aug 2022 20:02
 Operator : CG\JU
 Sample : N4107-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-STOCKPILE

Quant Time: Aug 12 00:02:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 11 23:50:03 2022
 Response via : Initial Calibration

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

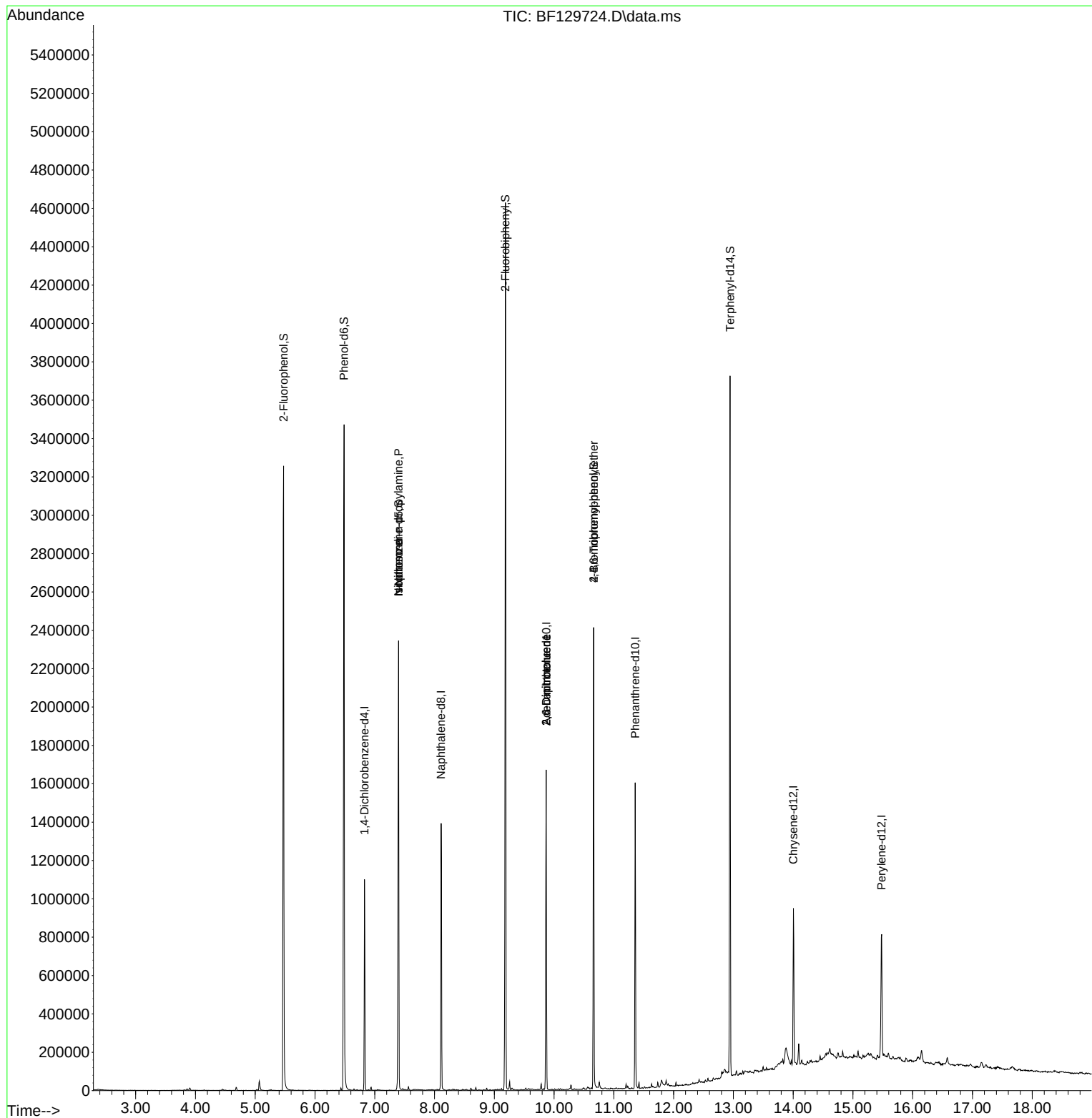
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	153415	20.000	ng	-0.01
21) Naphthalene-d8	8.110	136	612650	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	318752	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	512597	20.000	ng	-0.01
76) Chrysene-d12	14.004	240	266683	20.000	ng	-0.02
86) Perylene-d12	15.480	264	295732	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	917999	97.475	ng	0.00
7) Phenol-d6	6.487	99	1199674	101.345	ng	0.00
23) Nitrobenzene-d5	7.398	82	757911	67.532	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	255702	83.438	ng	-0.01
45) 2-Fluorobiphenyl	9.186	172	1419120	68.872	ng	-0.01
79) Terphenyl-d14	12.945	244	1155288	81.728	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.398	70	98217	13.705	ng	# 73
25) Isophorone	7.398	82	757901	37.674	ng	# 65
51) 2,6-Dinitrotoluene	9.869	165	42181	8.565	ng	# 25
57) 2,4-Dinitrotoluene	9.869	165	42181	6.556	ng	# 21
67) 4-Bromophenyl-phenylether	10.663	248	15858	2.825	ng	# 1

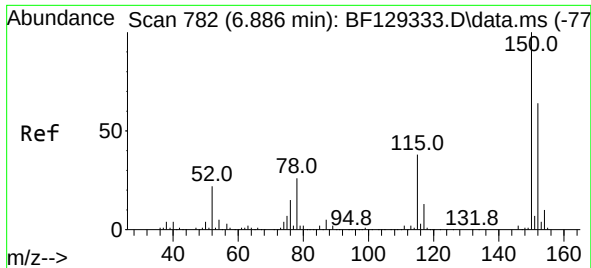
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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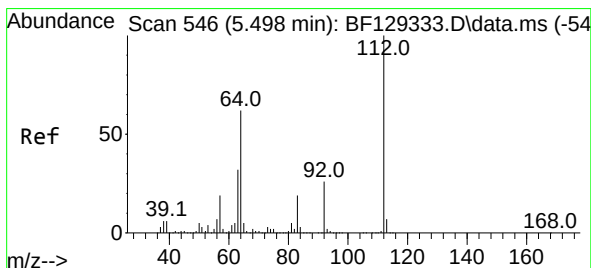
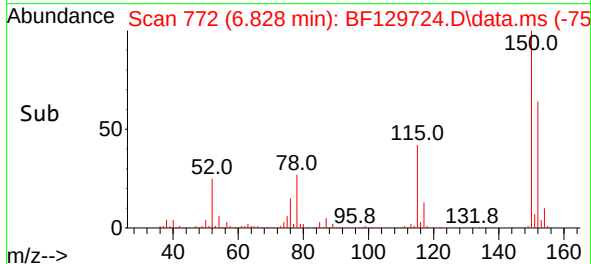
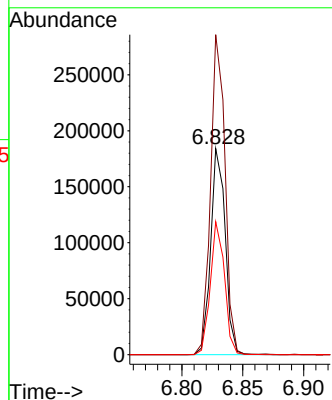
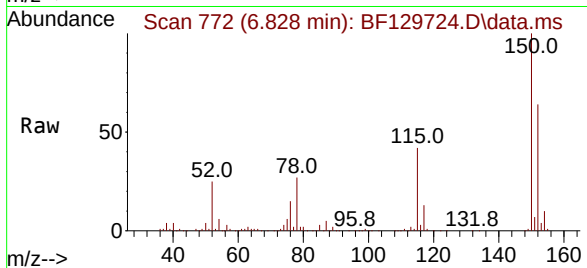




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 71
 Delta R.T. -0.012 min
 Lab File: BF129724.D
 Acq: 11 Aug 2022 20:02

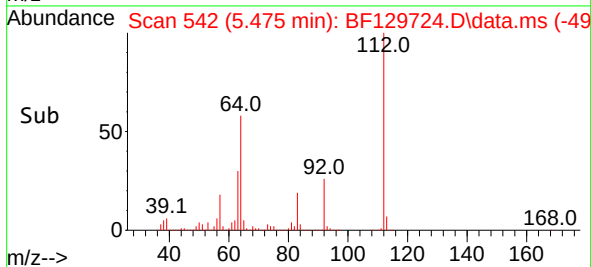
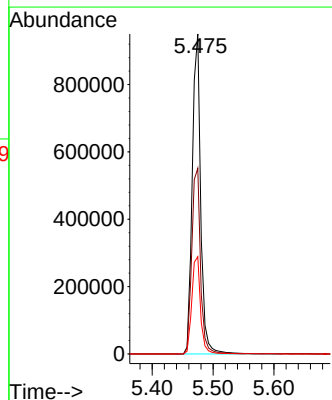
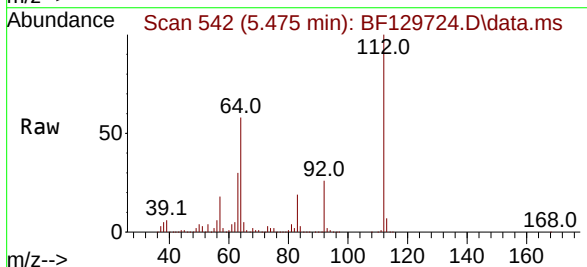
Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-STOCKPILE

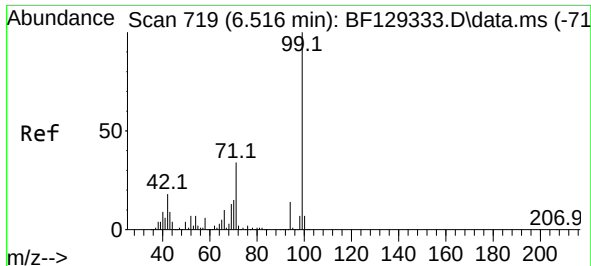
Tgt Ion:152 Resp: 153415
 Ion Ratio Lower Upper
 152 100
 150 155.2 123.7 185.5
 115 64.5 49.9 74.9



#5
 2-Fluorophenol
 Concen: 97.475 ng
 RT: 5.475 min Scan# 542
 Delta R.T. 0.006 min
 Lab File: BF129724.D
 Acq: 11 Aug 2022 20:02

Tgt Ion:112 Resp: 917999
 Ion Ratio Lower Upper
 112 100
 64 58.1 53.3 79.9
 63 30.4 28.0 42.0



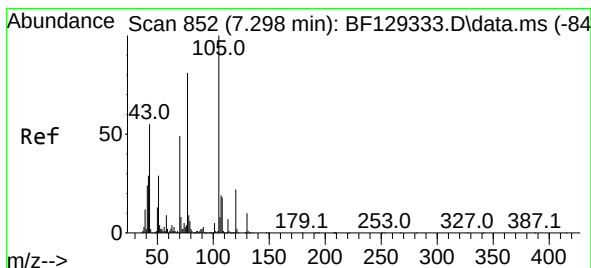
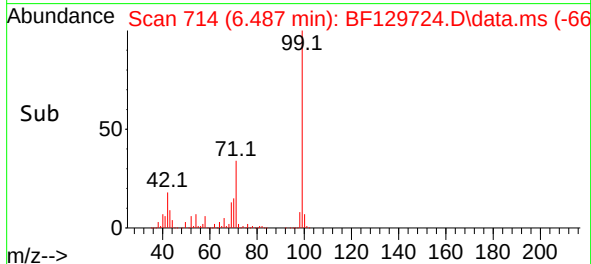
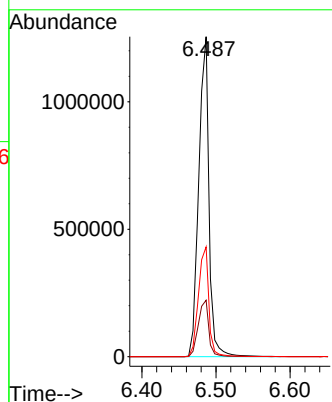
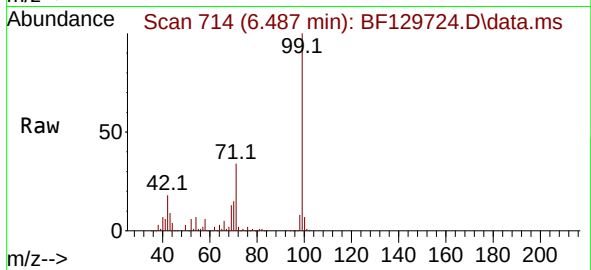


#7
Phenol-d6
Concen: 101.345 ng
RT: 6.487 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF129724.D
Acq: 11 Aug 2022 20:02

Instrument :
BNA_F
ClientSampleId :
CONCRETE-STOCKPILE

Tgt Ion: 99 Resp: 1199674

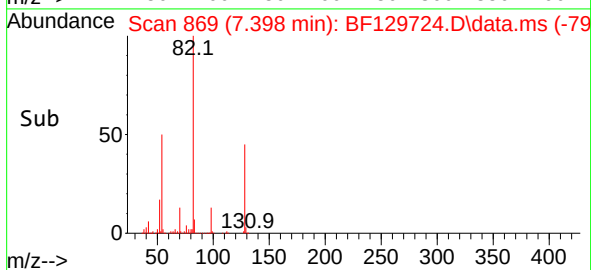
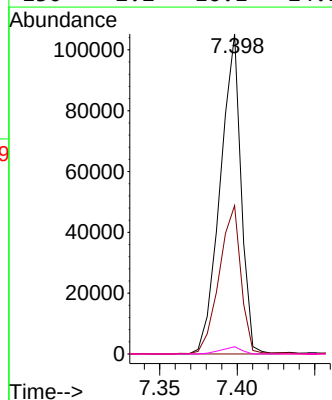
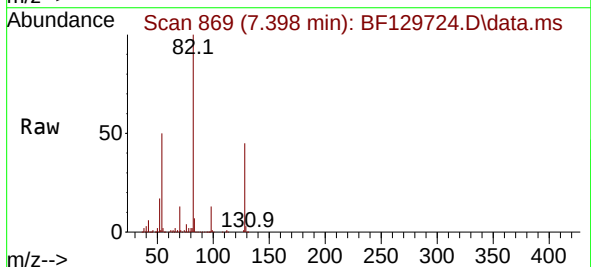
Ion	Ratio	Lower	Upper
99	100		
42	17.7	17.3	25.9
71	34.3	28.9	43.3

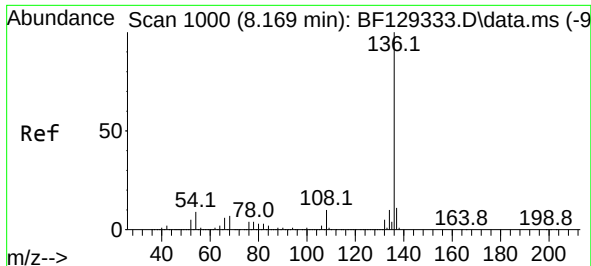


#19
n-Nitroso-di-n-propylamine
Concen: 13.705 ng
RT: 7.398 min Scan# 869
Delta R.T. 0.141 min
Lab File: BF129724.D
Acq: 11 Aug 2022 20:02

Tgt Ion: 70 Resp: 98217

Ion	Ratio	Lower	Upper
70	100		
42	46.3	52.3	78.5#
101	0.0	7.5	11.3#
130	2.2	16.1	24.1#



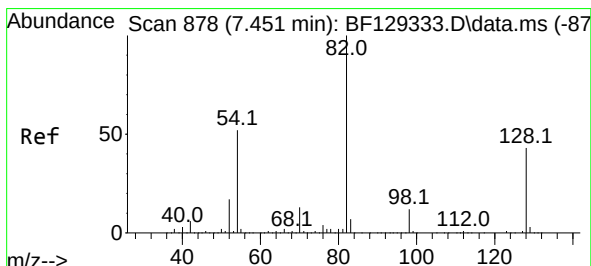
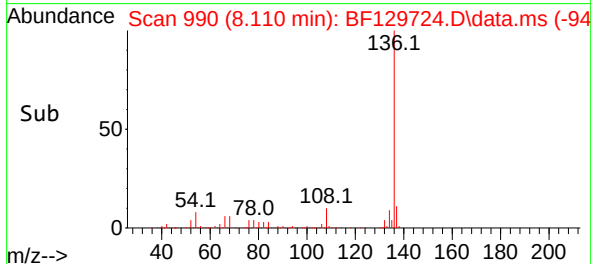
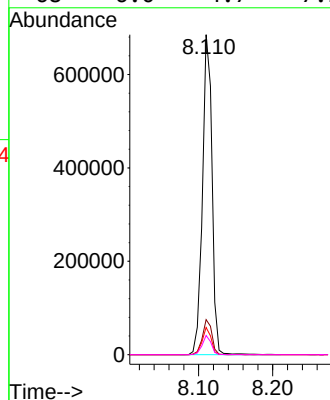
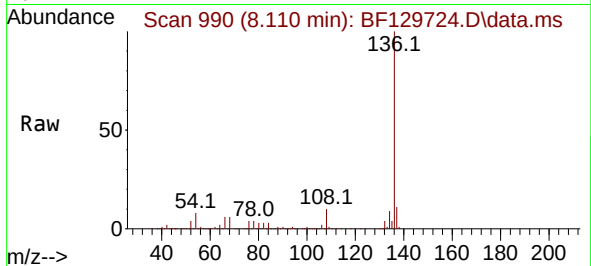


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF129724.D
Acq: 11 Aug 2022 20:02

Instrument :
BNA_F
ClientSampleId :
CONCRETE-STOCKPILE

Tgt Ion:136 Resp: 612650

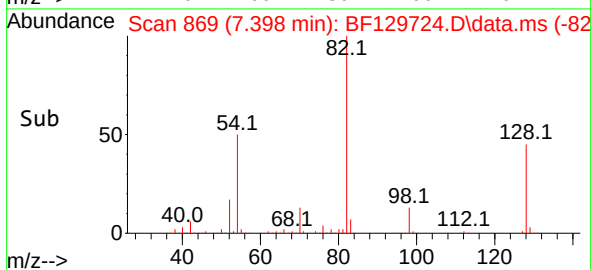
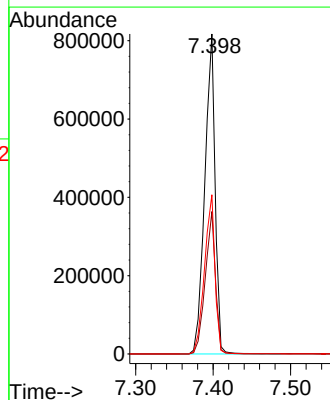
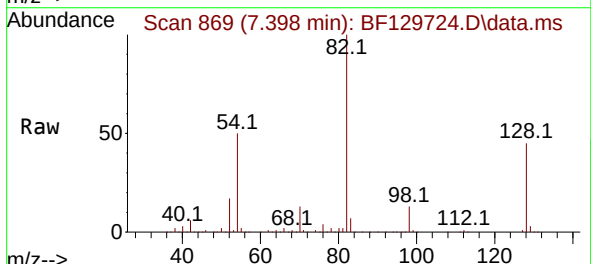
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.5	7.5	11.3
68	6.0	4.7	7.1

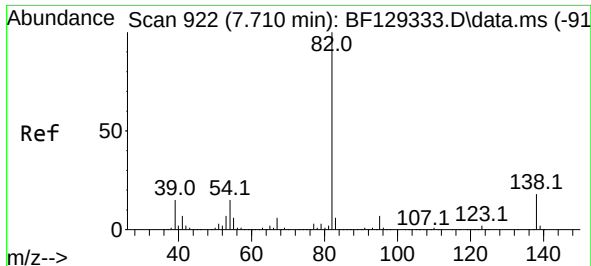


#23
Nitrobenzene-d5
Concen: 67.532 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF129724.D
Acq: 11 Aug 2022 20:02

Tgt Ion: 82 Resp: 757911

Ion	Ratio	Lower	Upper
82	100		
128	44.5	34.0	51.0
54	49.7	46.9	70.3

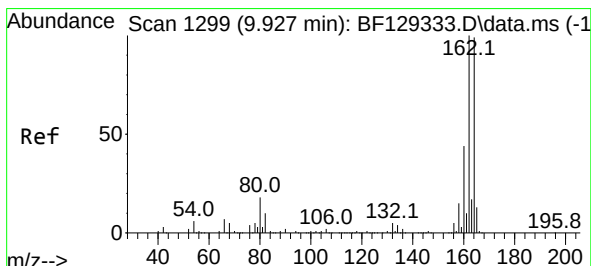
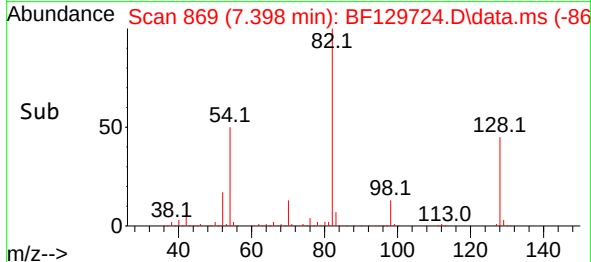
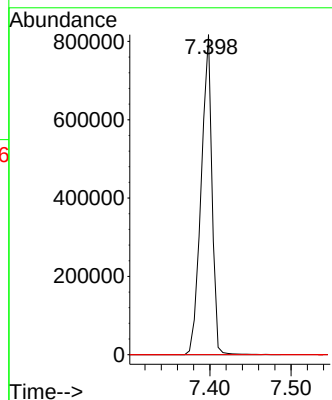
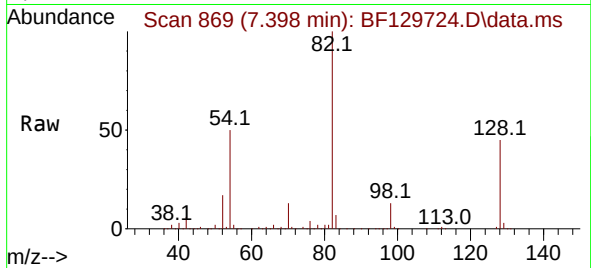




#25
Isophorone
Concen: 37.674 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF129724.D
Acq: 11 Aug 2022 20:02

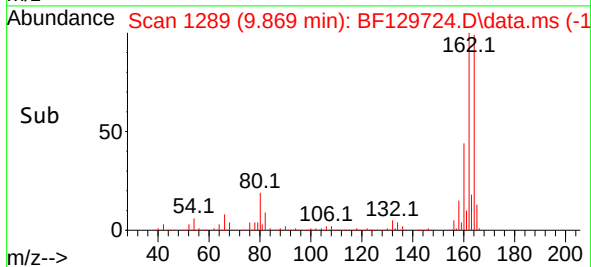
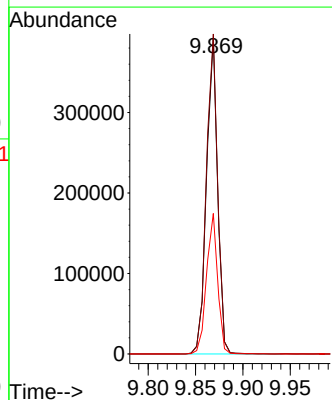
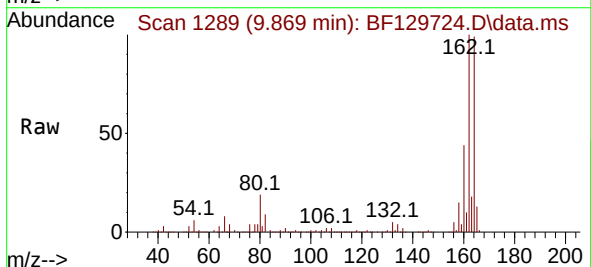
Instrument :
BNA_F
ClientSampleId :
CONCRETE-STOCKPILE

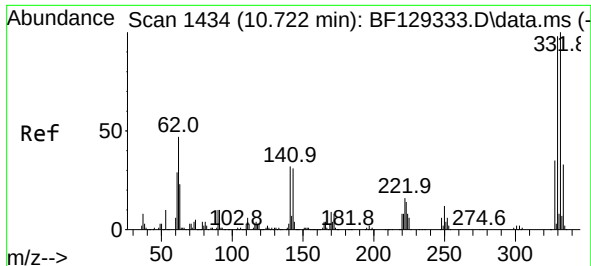
Tgt Ion: 82 Resp: 757901
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.012 min
Lab File: BF129724.D
Acq: 11 Aug 2022 20:02

Tgt Ion:164 Resp: 318752
Ion Ratio Lower Upper
164 100
162 101.3 79.5 119.3
160 44.5 34.2 51.4

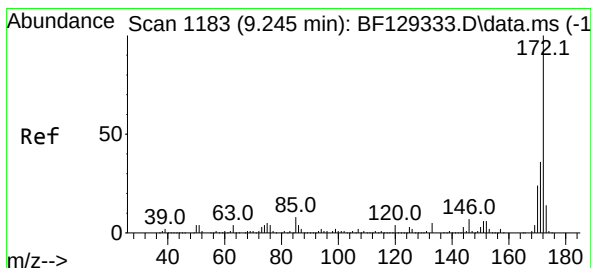
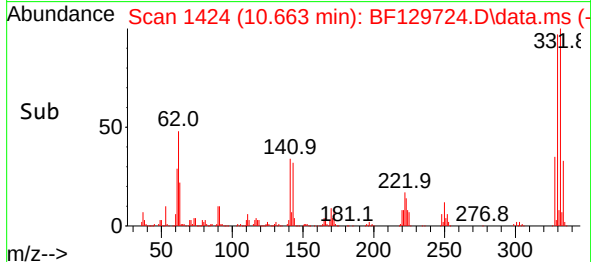
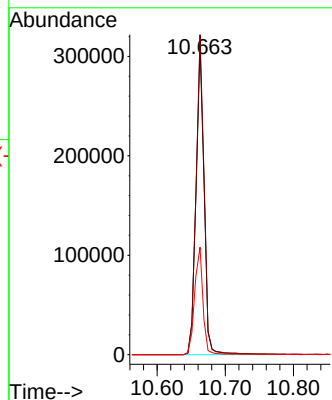
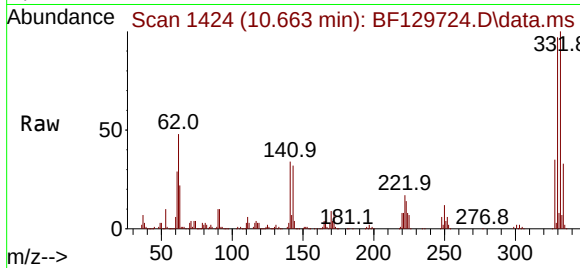




#42
2,4,6-Tribromophenol
Concen: 83.438 ng
RT: 10.663 min Scan# 1434
Delta R.T. -0.012 min
Lab File: BF129724.D
Acq: 11 Aug 2022 20:02

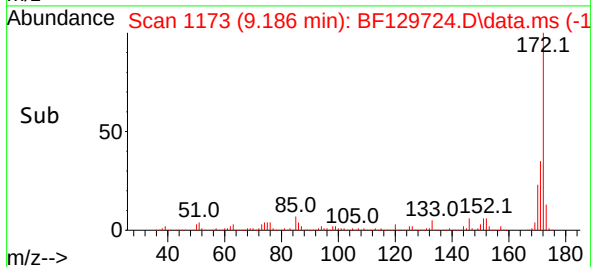
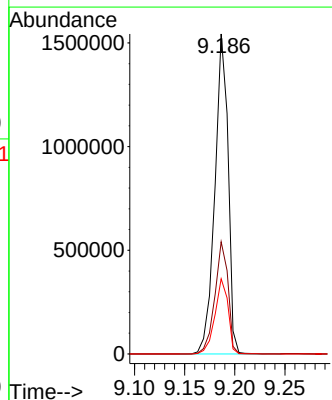
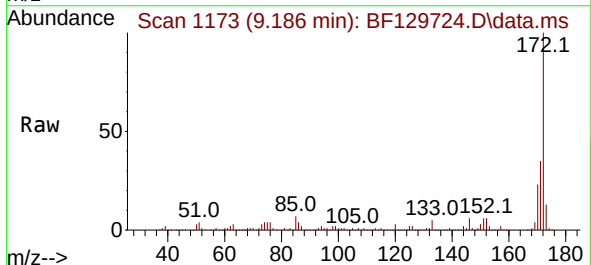
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CONCRETE-STOCKPILE

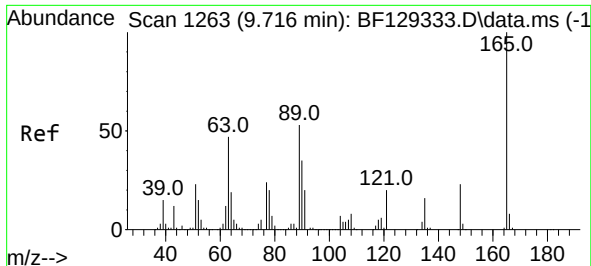
Tgt Ion:330 Resp: 255702
Ion Ratio Lower Upper
330 100
332 103.1 76.8 115.2
141 35.4 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 68.872 ng
RT: 9.186 min Scan# 1173
Delta R.T. -0.012 min
Lab File: BF129724.D
Acq: 11 Aug 2022 20:02

Tgt Ion:172 Resp: 1419120
Ion Ratio Lower Upper
172 100
171 35.1 28.8 43.2
170 23.5 19.8 29.8

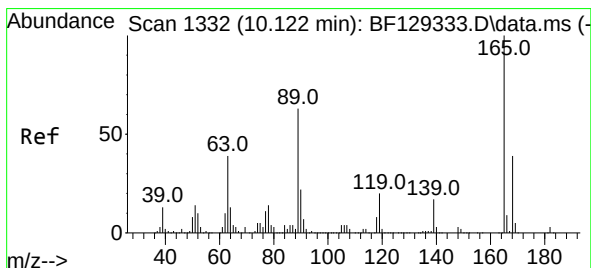
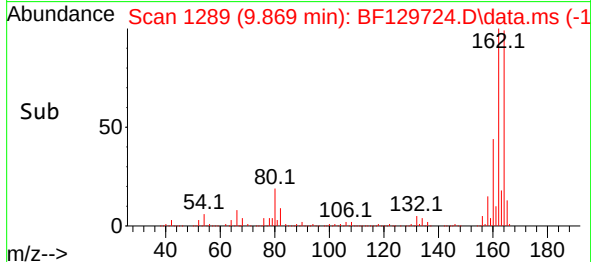
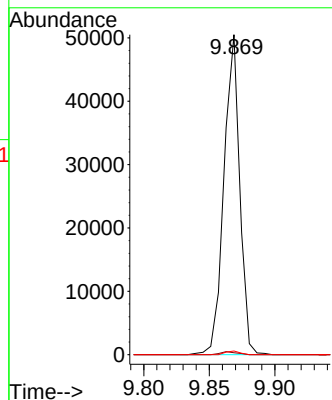
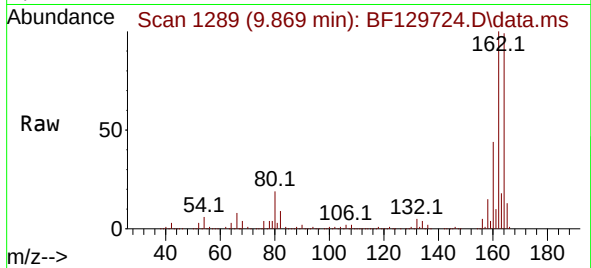




#51
2,6-Dinitrotoluene
Concen: 8.565 ng
RT: 9.869 min Scan# 1289
Delta R.T. 0.200 min
Lab File: BF129724.D
Acq: 11 Aug 2022 20:02

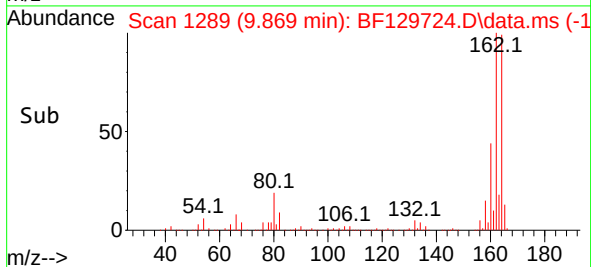
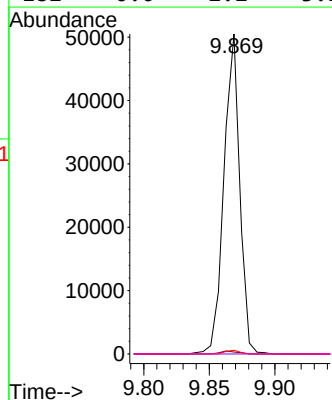
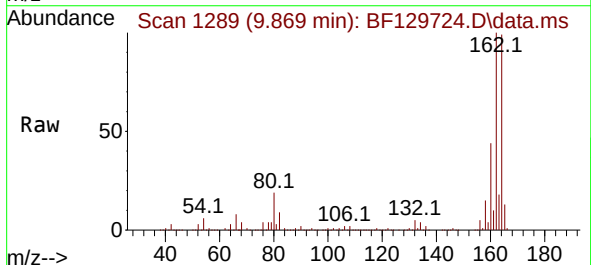
Instrument :
BNA_F
ClientSampleId :
CONCRETE-STOCKPILE

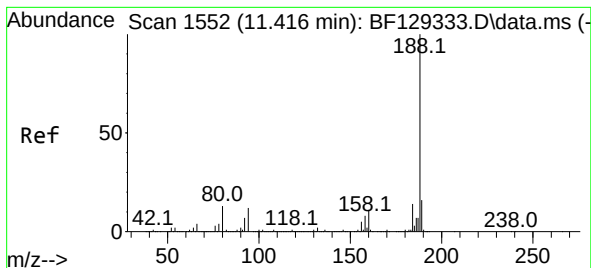
Tgt Ion:165 Resp: 42181
Ion Ratio Lower Upper
165 100
63 0.6 44.9 67.3#
89 1.2 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 6.556 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.212 min
Lab File: BF129724.D
Acq: 11 Aug 2022 20:02

Tgt Ion:165 Resp: 42181
Ion Ratio Lower Upper
165 100
63 0.6 39.8 59.6#
89 1.2 60.2 90.2#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF129724.D

Acq: 11 Aug 2022 20:02

Instrument :

BNA_F

ClientSampleId :

CONCRETE-STOCKPILE

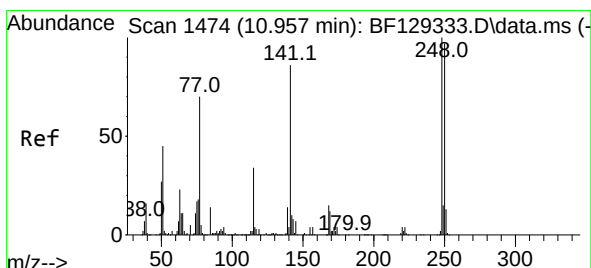
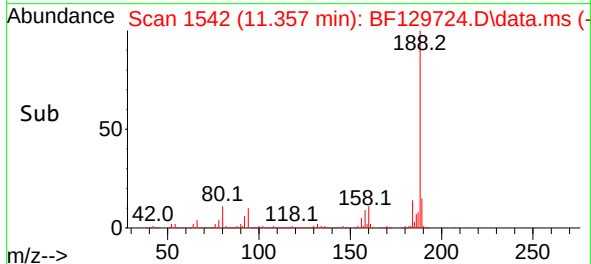
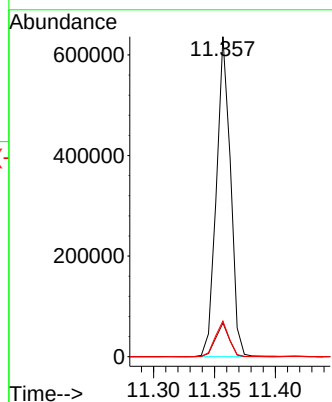
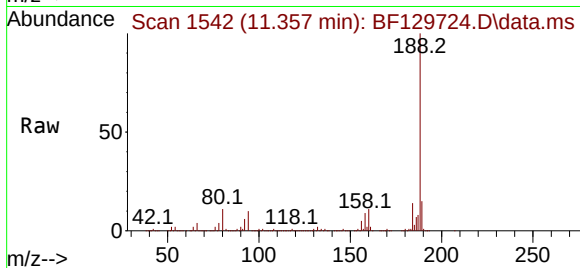
Tgt Ion:188 Resp: 512597

Ion Ratio Lower Upper

188 100

94 10.5 7.0 10.6

80 11.2 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 2.825 ng

RT: 10.663 min Scan# 1424

Delta R.T. -0.247 min

Lab File: BF129724.D

Acq: 11 Aug 2022 20:02

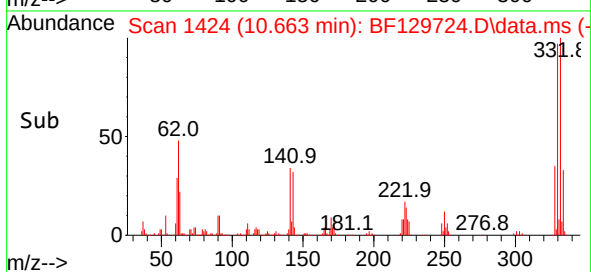
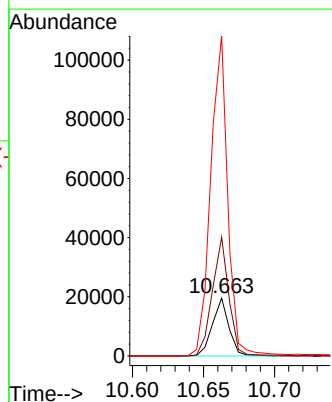
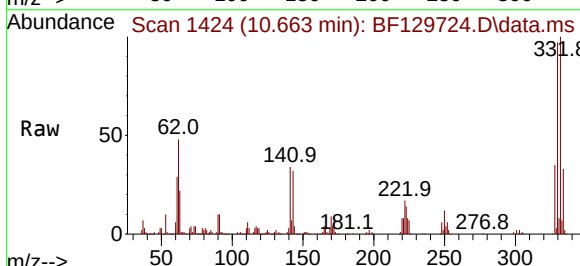
Tgt Ion:248 Resp: 15858

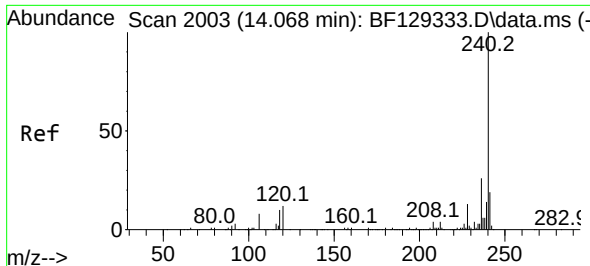
Ion Ratio Lower Upper

248 100

250 205.1 80.6 120.8#

141 552.6 58.9 88.3#

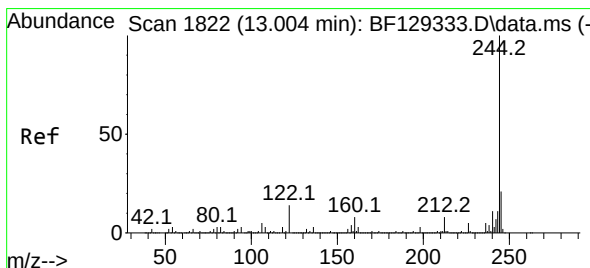
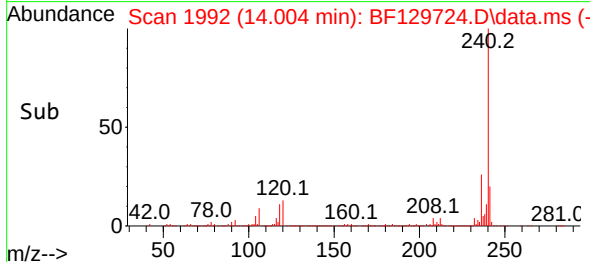
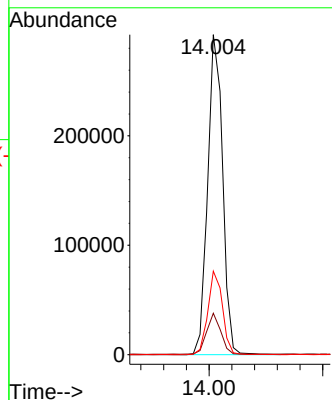
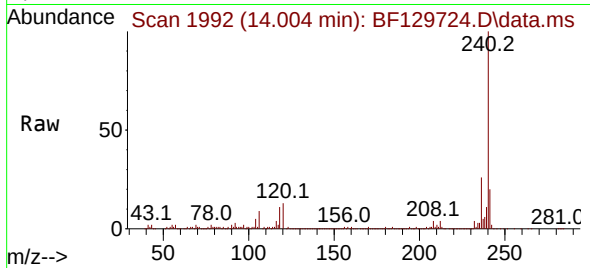




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 1992
Delta R.T. -0.018 min
Lab File: BF129724.D
Acq: 11 Aug 2022 20:02

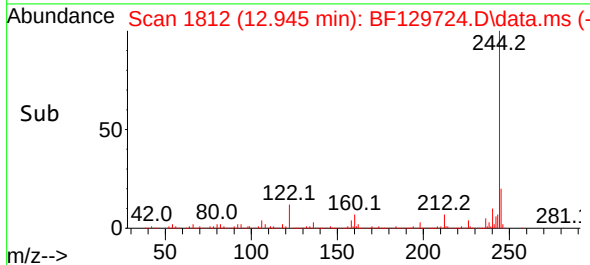
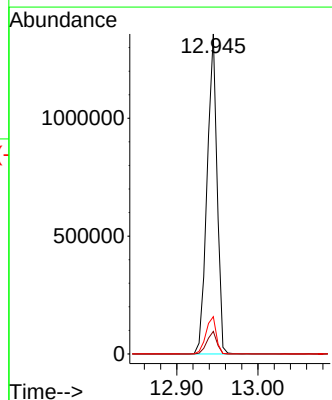
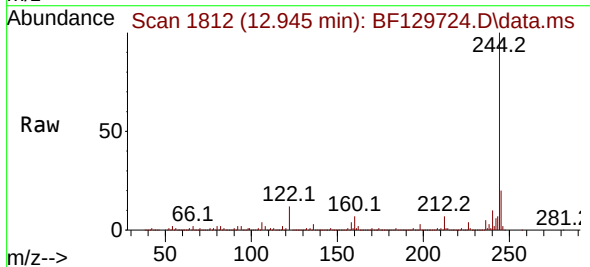
Instrument :
BNA_F
ClientSampleId :
CONCRETE-STOCKPILE

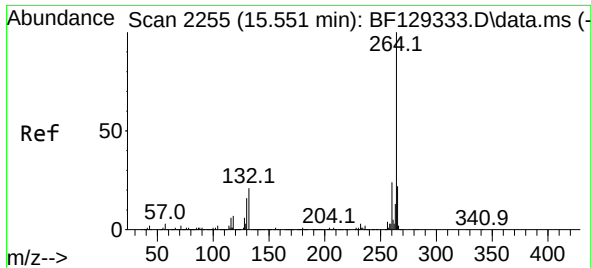
Tgt Ion:240 Resp: 266683
Ion Ratio Lower Upper
240 100
120 12.9 8.9 13.3
236 26.1 20.8 31.2



#79
Terphenyl-d14
Concen: 81.728 ng
RT: 12.945 min Scan# 1812
Delta R.T. -0.012 min
Lab File: BF129724.D
Acq: 11 Aug 2022 20:02

Tgt Ion:244 Resp: 1155288
Ion Ratio Lower Upper
244 100
212 7.1 6.1 9.1
122 11.7 8.8 13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.480 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF129724.D
Acq: 11 Aug 2022 20:02

Instrument :
BNA_F
ClientSampleId :
CONCRETE-STOCKPILE

Tgt Ion:264 Resp: 295732
Ion Ratio Lower Upper
264 100
260 23.9 18.4 27.6
265 21.6 17.2 25.8

