

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062221\
 Data File : BF124421.D
 Acq On : 22 Jun 2021 20:05
 Operator : JU/CG
 Sample : M2789-15
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-SLAB-2-1

Quant Time: Jun 23 02:51:19 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 15 20:09:26 2021
 Response via : Initial Calibration

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

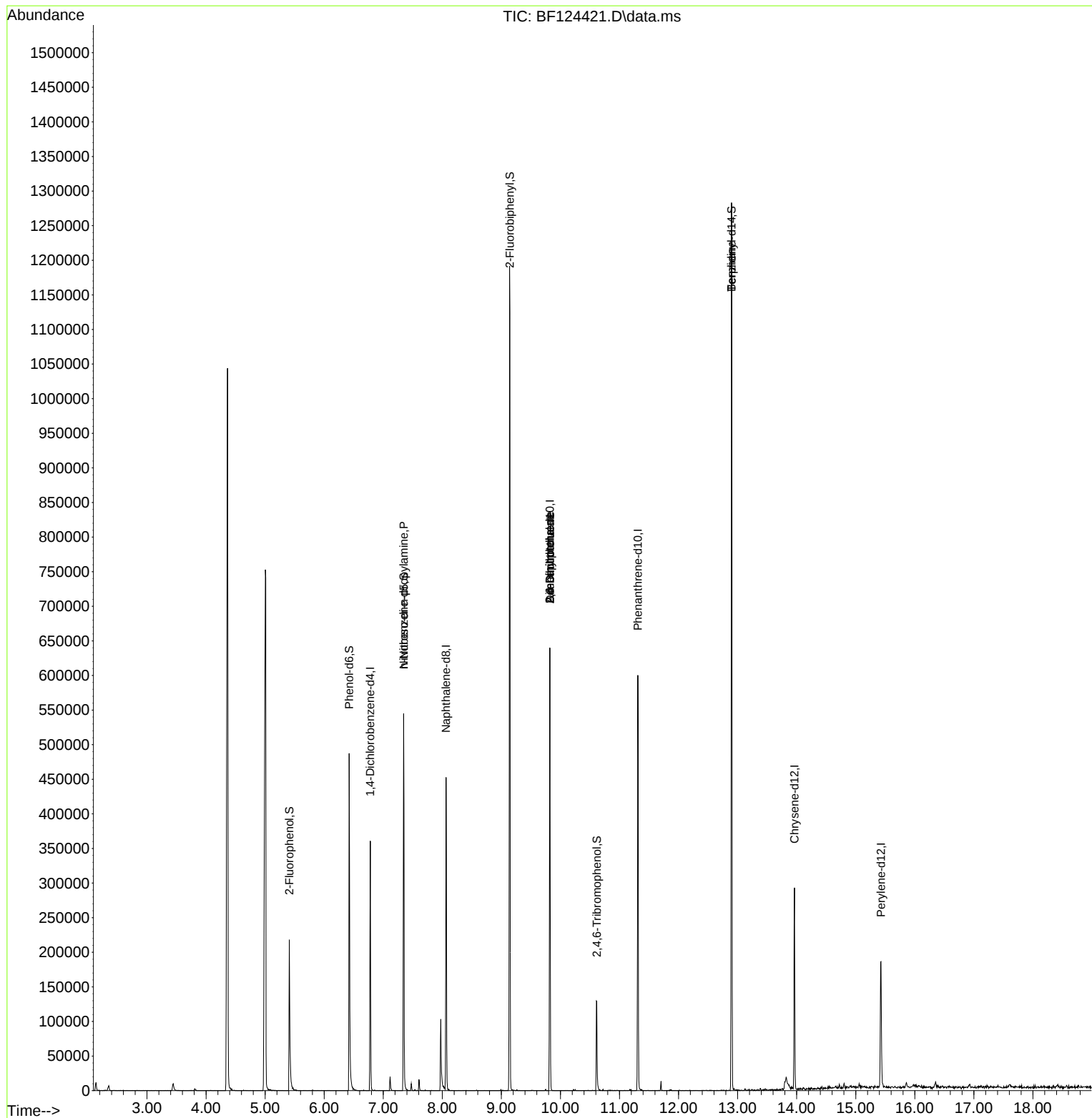
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	44688	20.00	ng	0.00
21) Naphthalene-d8	8.063	136	178317	20.00	ng	-0.01
39) Acenaphthene-d10	9.822	164	117963	20.00	ng	0.00
64) Phenanthrene-d10	11.310	188	206008	20.00	ng	0.00
76) Chrysene-d12	13.963	240	98160	20.00	ng	0.00
86) Perylene-d12	15.427	264	84548	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	55238	18.61	ng	0.00
7) Phenol-d6	6.422	99	136305	34.16	ng	-0.02
23) Nitrobenzene-d5	7.345	82	163655	36.40	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	16234	9.71	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	359480	38.35	ng	0.00
79) Terphenyl-d14	12.898	244	392493	54.90	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	24298	8.63	ng	# 61
50) Dimethylphthalate	9.822	163	19736	2.02	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	14916	6.67	ng	# 12
57) 2,4-Dinitrotoluene	9.822	165	14916	5.05	ng	# 18
77) Benzdine	12.898	184	6626	6.71	ng	# 94

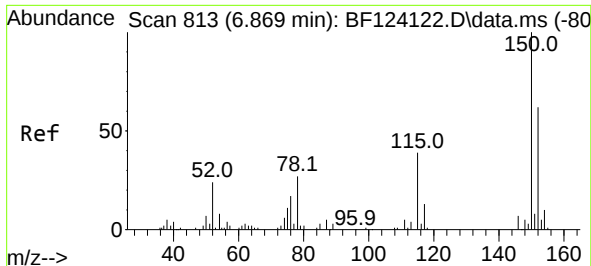
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062221\
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Misc :
ALS Vial : 15 Sample Multiplier: 1

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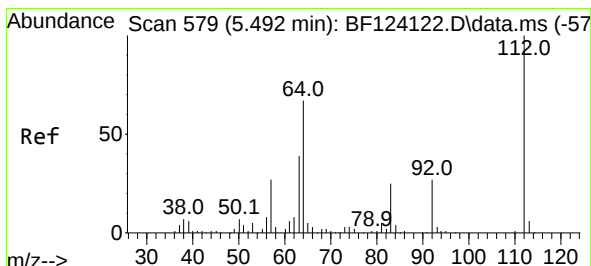
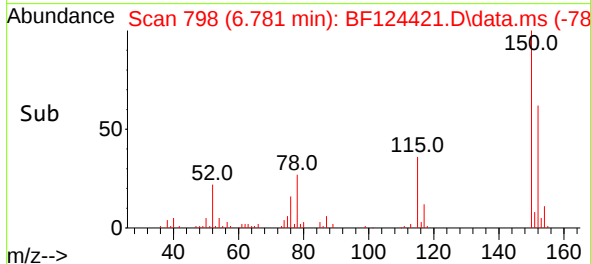
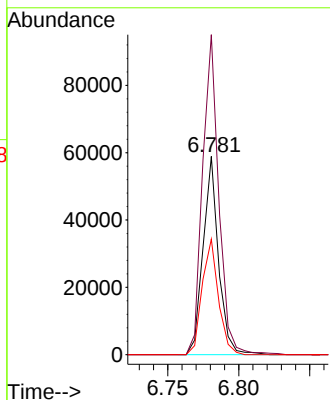
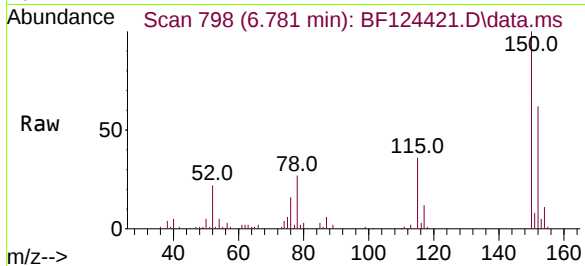




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF124421.D
Acq: 22 Jun 2021 20:05

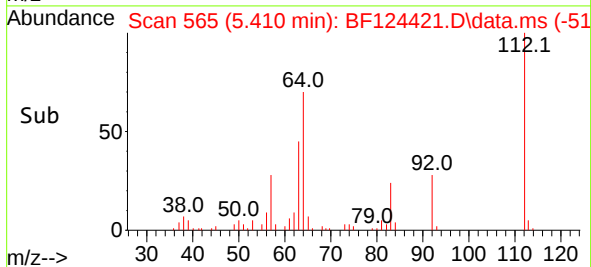
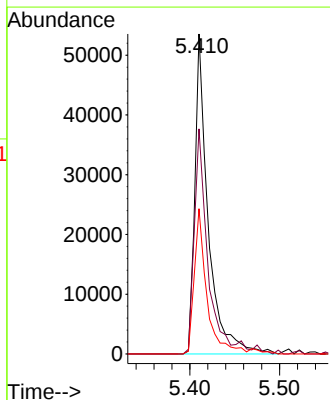
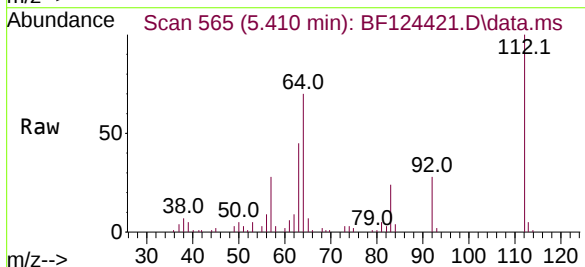
Instrument :
BNA_F
ClientSampleId :
CONCRETE-SLAB-2-1

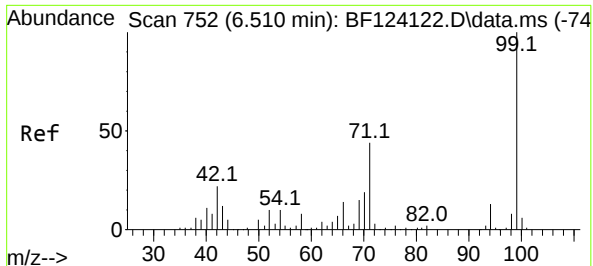
Tgt Ion:152 Resp: 44688
Ion Ratio Lower Upper
152 100
150 161.5 127.0 190.6
115 58.3 54.3 81.5



#5
2-Fluorophenol
Concen: 18.61 ng
RT: 5.410 min Scan# 565
Delta R.T. -0.006 min
Lab File: BF124421.D
Acq: 22 Jun 2021 20:05

Tgt Ion:112 Resp: 55238
Ion Ratio Lower Upper
112 100
64 70.4 61.4 92.0
63 45.4 33.0 49.4

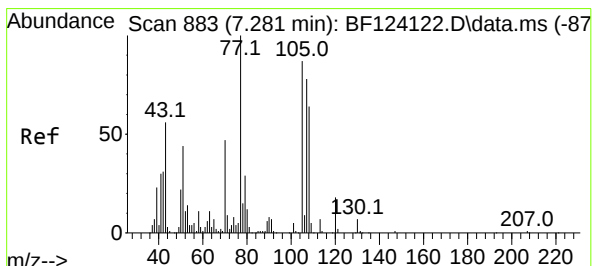
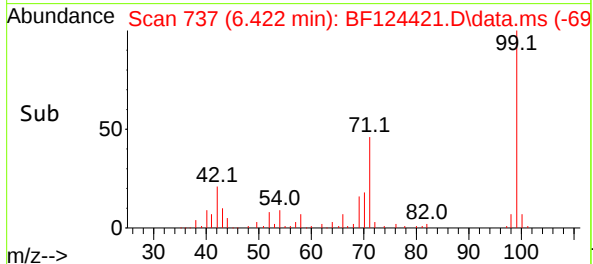
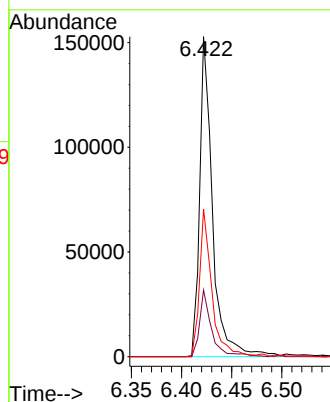
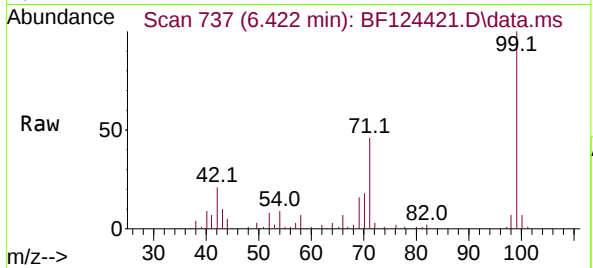




#7
Phenol-d6
Concen: 34.16 ng
RT: 6.422 min Scan# 737
Delta R.T. -0.023 min
Lab File: BF124421.D
Acq: 22 Jun 2021 20:05

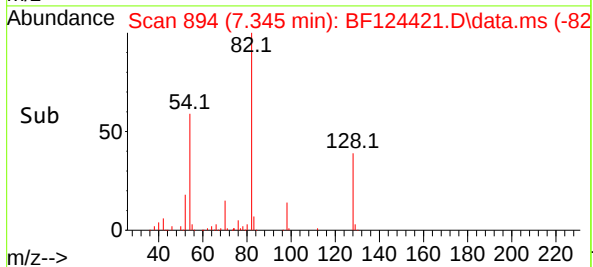
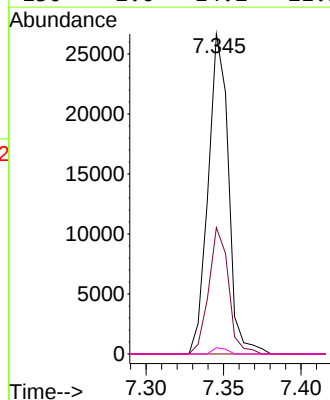
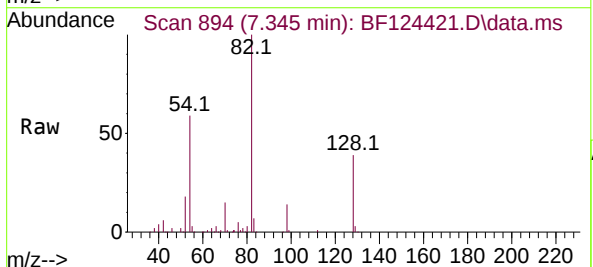
Instrument :
BNA_F
ClientSampleId :
CONCRETE-SLAB-2-1

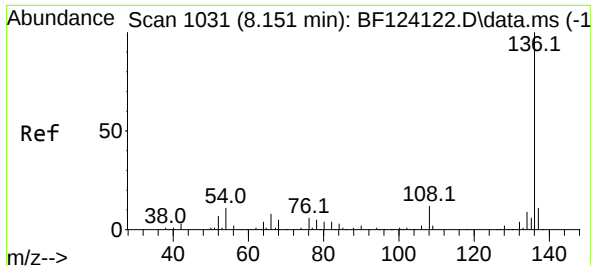
Tgt Ion: 99 Resp: 136305
Ion Ratio Lower Upper
99 100
42 20.9 19.8 29.8
71 46.1 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 8.63 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF124421.D
Acq: 22 Jun 2021 20:05

Tgt Ion: 70 Resp: 24298
Ion Ratio Lower Upper
70 100
42 39.5 60.1 90.1#
101 0.0 7.4 11.2#
130 2.0 14.2 21.2#

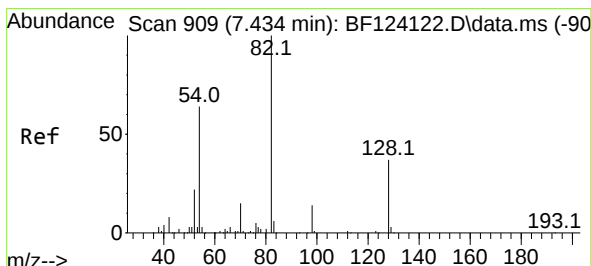
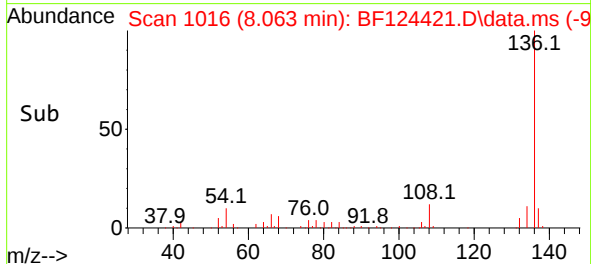
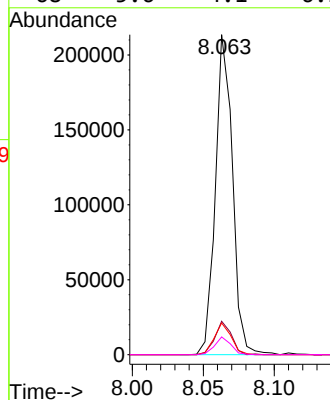
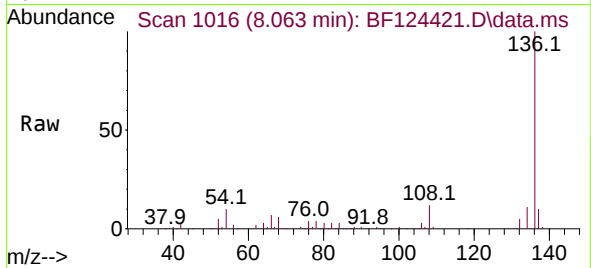




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BF124421.D
Acq: 22 Jun 2021 20:05

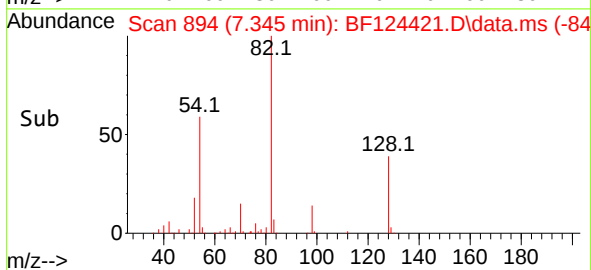
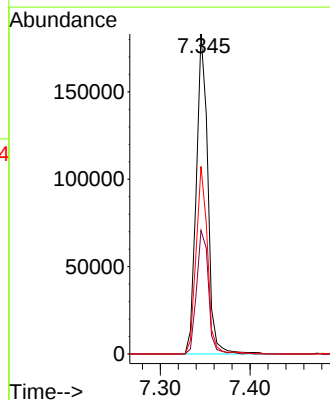
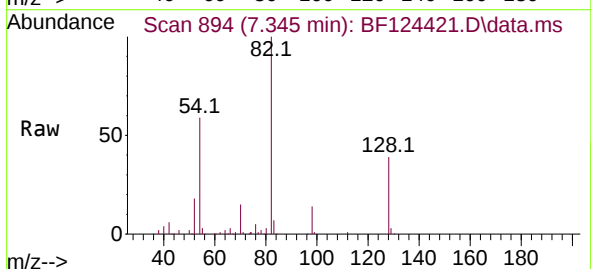
Instrument :
BNA_F
ClientSampleId :
CONCRETE-SLAB-2-1

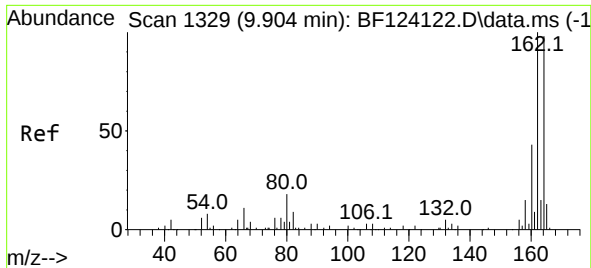
Tgt Ion:136	Resp: 178317
Ion Ratio	Lower Upper
136 100	
137 10.4	8.7 13.1
54 9.9	9.8 14.6
68 5.6	4.1 6.1



#23
Nitrobenzene-d5
Concen: 36.40 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF124421.D
Acq: 22 Jun 2021 20:05

Tgt Ion: 82	Resp: 163655
Ion Ratio	Lower Upper
82 100	
128 38.6	29.4 44.2
54 58.6	54.1 81.1

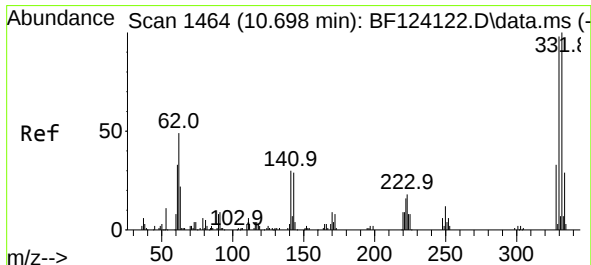
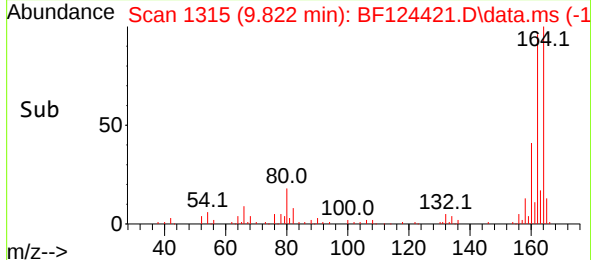
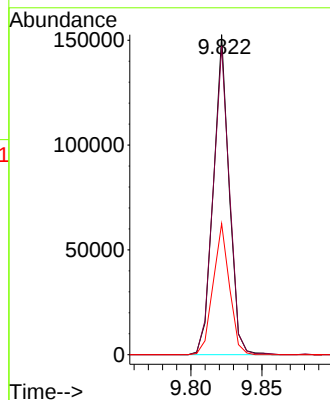
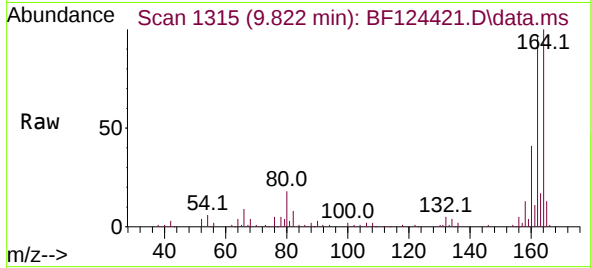




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF124421.D
Acq: 22 Jun 2021 20:05

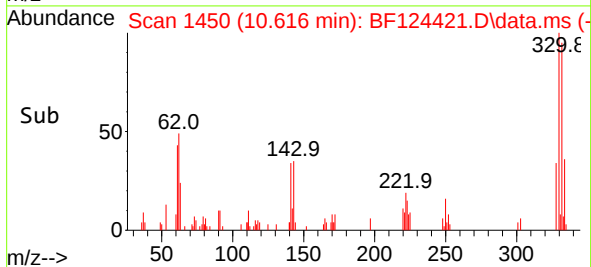
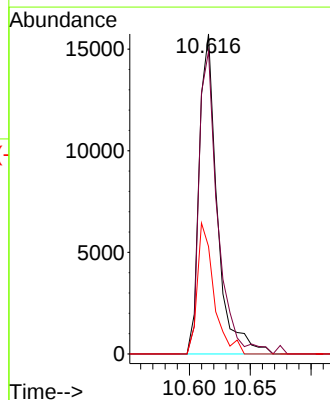
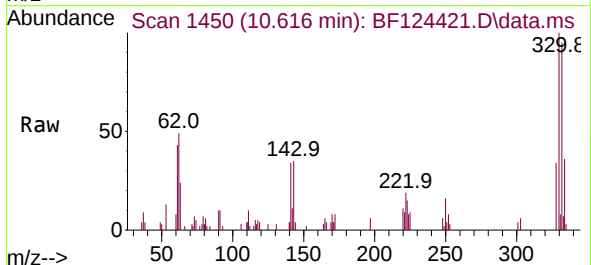
Instrument :
BNA_F
ClientSampleId :
CONCRETE-SLAB-2-1

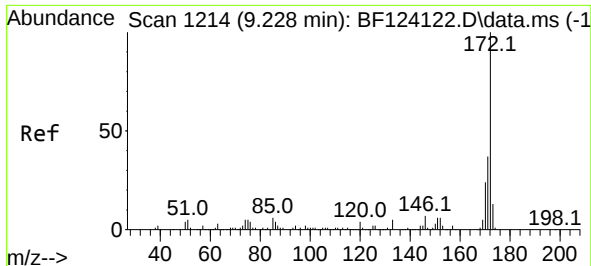
Tgt Ion:164 Resp: 117963
Ion Ratio Lower Upper
164 100
162 96.4 80.7 121.1
160 41.0 37.3 55.9



#42
2,4,6-Tribromophenol
Concen: 9.71 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF124421.D
Acq: 22 Jun 2021 20:05

Tgt Ion:330 Resp: 16234
Ion Ratio Lower Upper
330 100
332 97.6 77.1 115.7
141 37.7 27.9 41.9

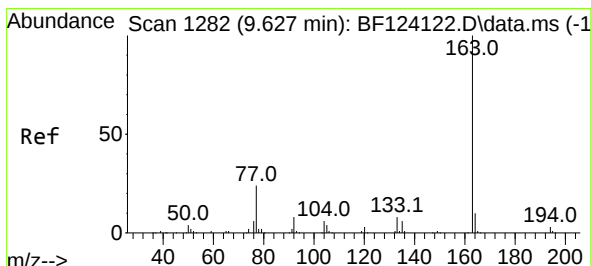
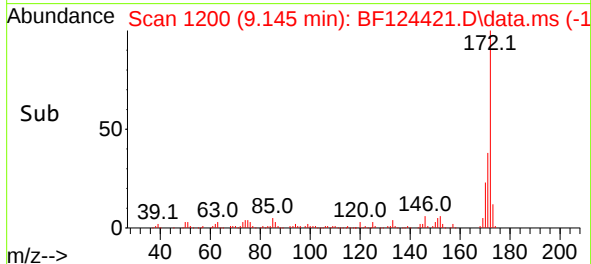
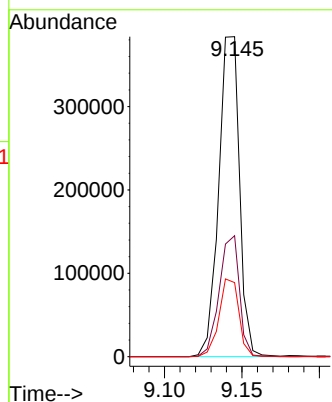
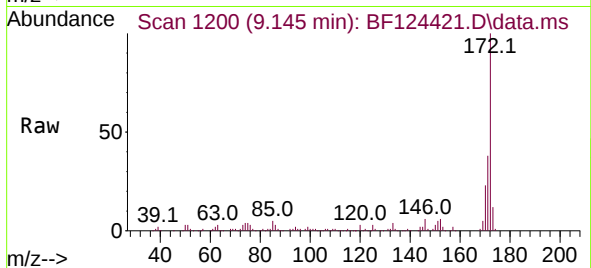




#45
2-Fluorobiphenyl
Concen: 38.35 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF124421.D
Acq: 22 Jun 2021 20:05

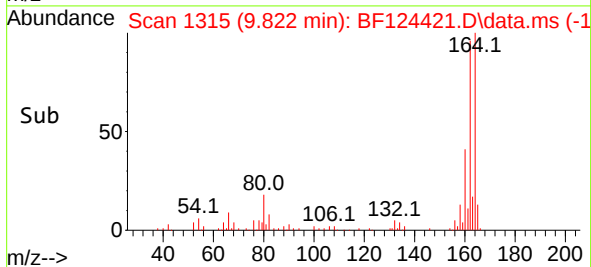
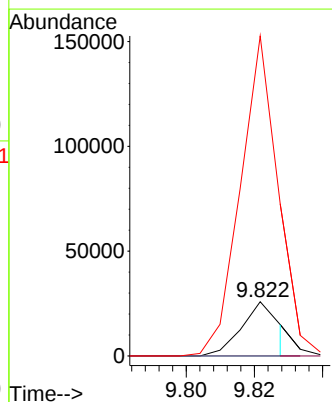
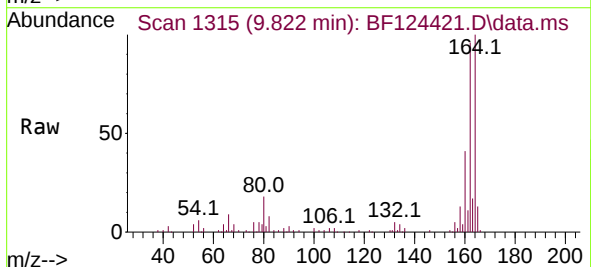
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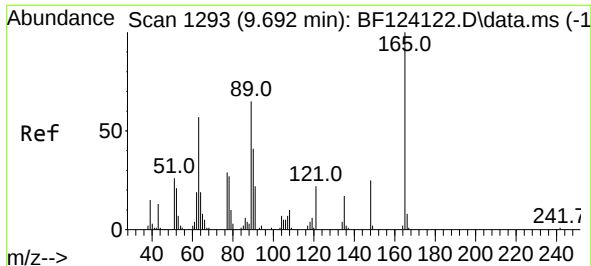
Tgt Ion:172 Resp: 359480
Ion Ratio Lower Upper
172 100
171 37.8 28.1 42.1
170 23.2 19.2 28.8



#50
Dimethylphthalate
Concen: 2.02 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.265 min
Lab File: BF124421.D
Acq: 22 Jun 2021 20:05

Tgt Ion:163 Resp: 19736
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 590.3 8.2 12.2#

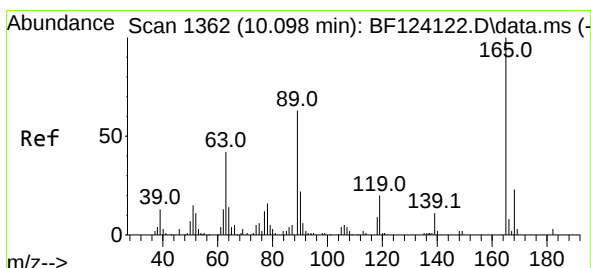
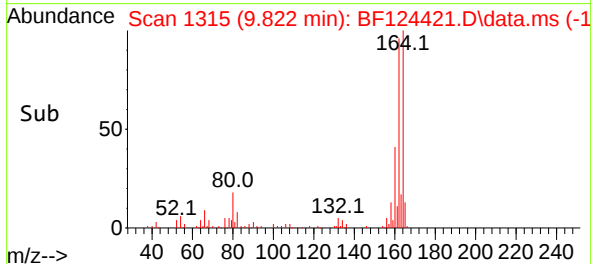
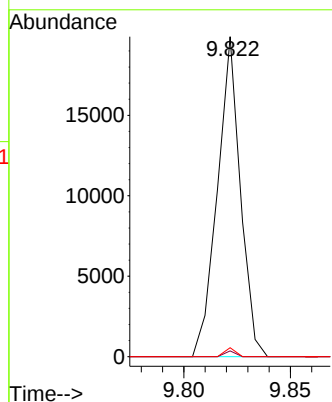
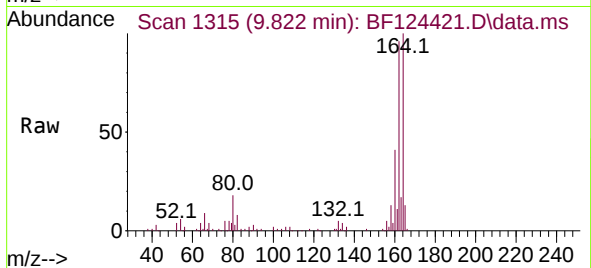




#51
2,6-Dinitrotoluene
Concen: 6.67 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.200 min
Lab File: BF124421.D
Acq: 22 Jun 2021 20:05

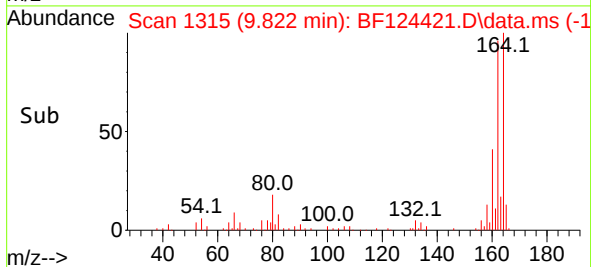
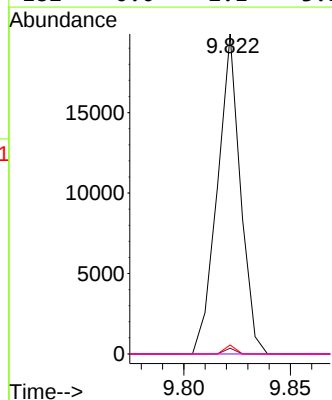
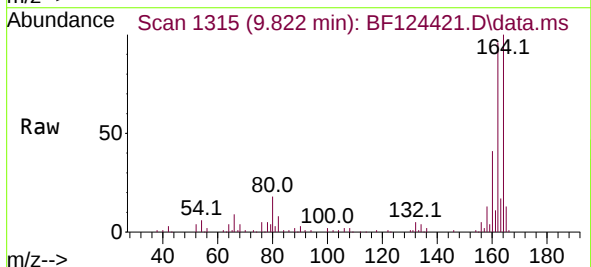
Instrument :
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CONCRETE-SLAB-2-1

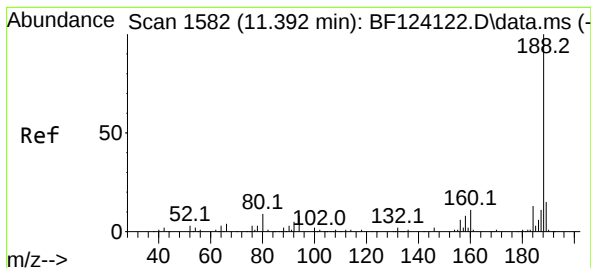
Tgt Ion:165 Resp: 14916
Ion Ratio Lower Upper
165 100
63 1.8 67.7 101.5#
89 2.8 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 5.05 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.206 min
Lab File: BF124421.D
Acq: 22 Jun 2021 20:05

Tgt Ion:165 Resp: 14916
Ion Ratio Lower Upper
165 100
63 1.8 43.5 65.3#
89 2.8 67.7 101.5#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.310 min Scan# 1568

Delta R.T. -0.006 min

Lab File: BF124421.D

Acq: 22 Jun 2021 20:05

Instrument :

BNA_F

ClientSampleId :

CONCRETE-SLAB-2-1

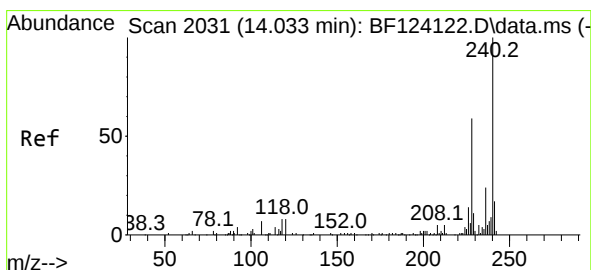
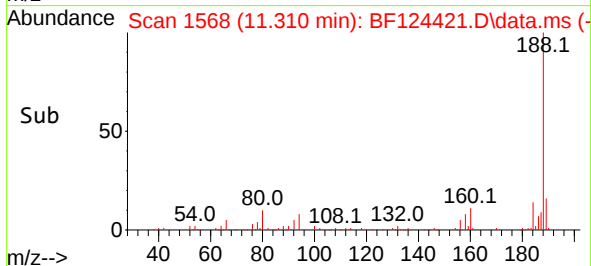
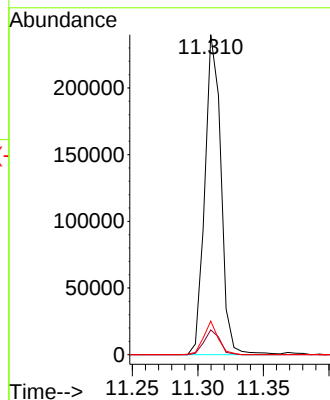
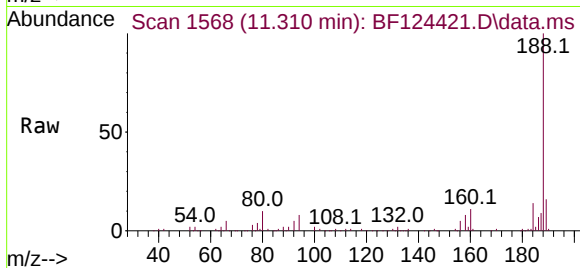
Tgt Ion:188 Resp: 206008

Ion Ratio Lower Upper

188 100

94 7.8 6.9 10.3

80 10.5 8.2 12.2



#76

Chrysene-d12

Concen: 20.00 ng

RT: 13.963 min Scan# 2019

Delta R.T. 0.000 min

Lab File: BF124421.D

Acq: 22 Jun 2021 20:05

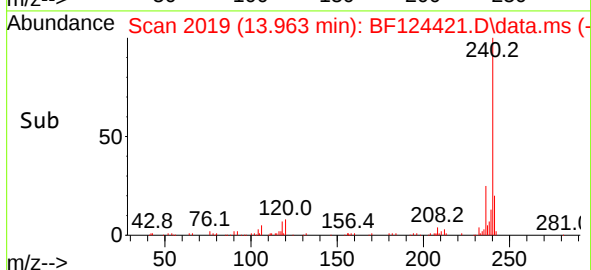
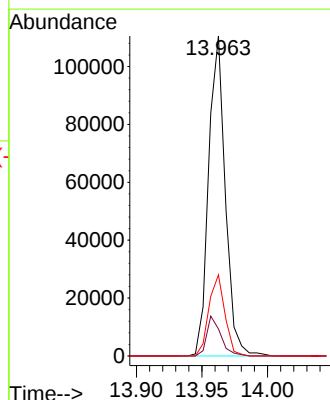
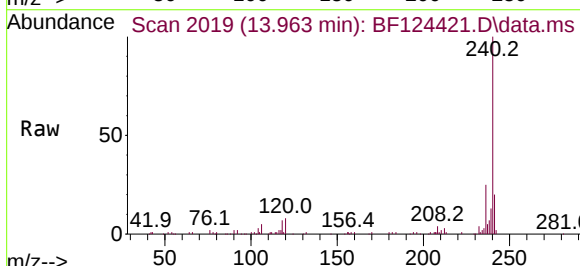
Tgt Ion:240 Resp: 98160

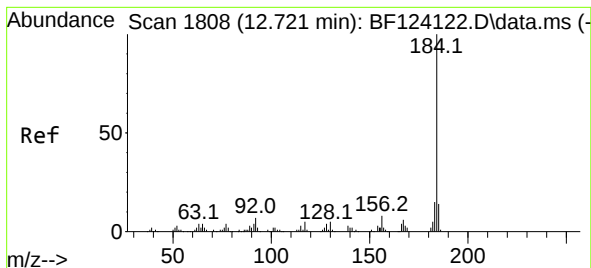
Ion Ratio Lower Upper

240 100

120 8.5 7.2 10.8

236 25.3 19.0 28.4





#77

Benzidine

Concen: 6.71 ng

RT: 12.898 min Scan# 1838

Delta R.T. 0.200 min

Lab File: BF124421.D

Acq: 22 Jun 2021 20:05

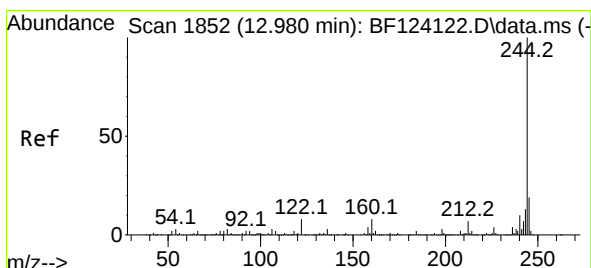
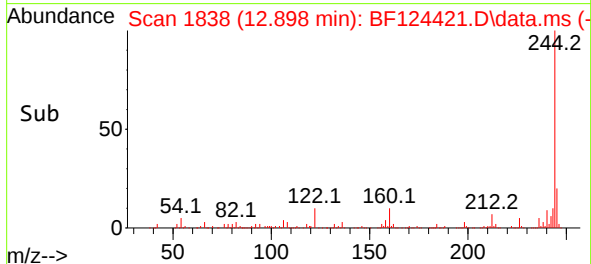
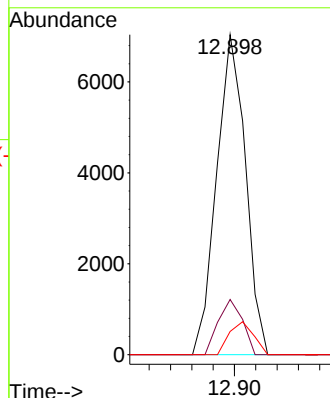
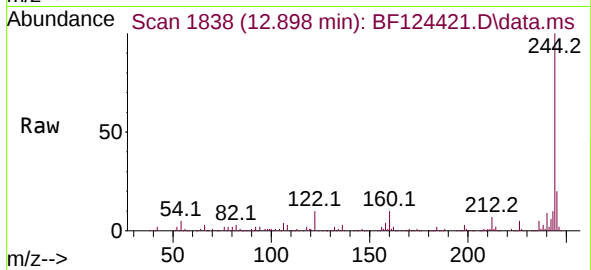
Tgt Ion:184	Resp:	6626
Ion Ratio	Lower	Upper
184	100	
185	17.2	12.1 18.1
183	7.2	7.8 11.8#

Instrument :

BNA_F

ClientSampleId :

CONCRETE-SLAB-2-1



#79

Terphenyl-d14

Concen: 54.90 ng

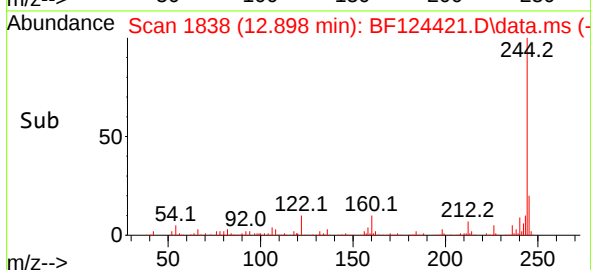
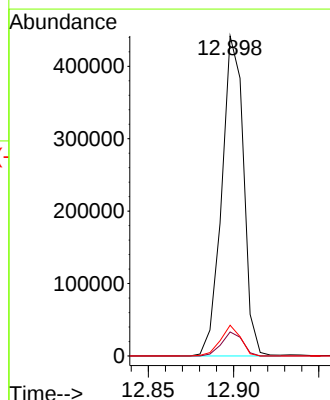
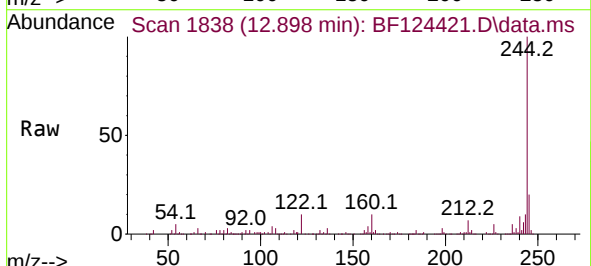
RT: 12.898 min Scan# 1838

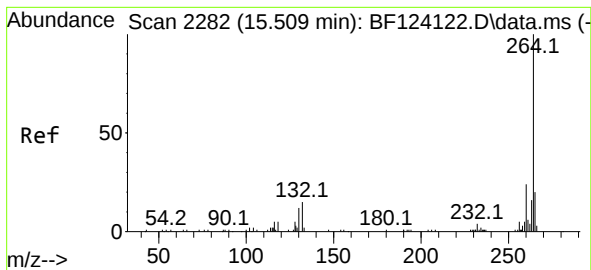
Delta R.T. -0.006 min

Lab File: BF124421.D

Acq: 22 Jun 2021 20:05

Tgt Ion:244	Resp:	392493
Ion Ratio	Lower	Upper
244	100	
212	7.5	5.7 8.5
122	9.6	9.7 14.5#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.427 min Scan# 2268
 Delta R.T. 0.012 min
 Lab File: BF124421.D
 Acq: 22 Jun 2021 20:05

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-SLAB-2-1

Tgt Ion:264 Resp: 84548
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.7 28.1
 265 20.4 17.8 26.8

