

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062722\
 Data File : BF129029.D
 Acq On : 27 Jun 2022 14:20
 Operator : CG\JU
 Sample : N3492-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-PILE

Quant Time: Jun 28 06:56:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 28 06:51:48 2022
 Response via : Initial Calibration

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

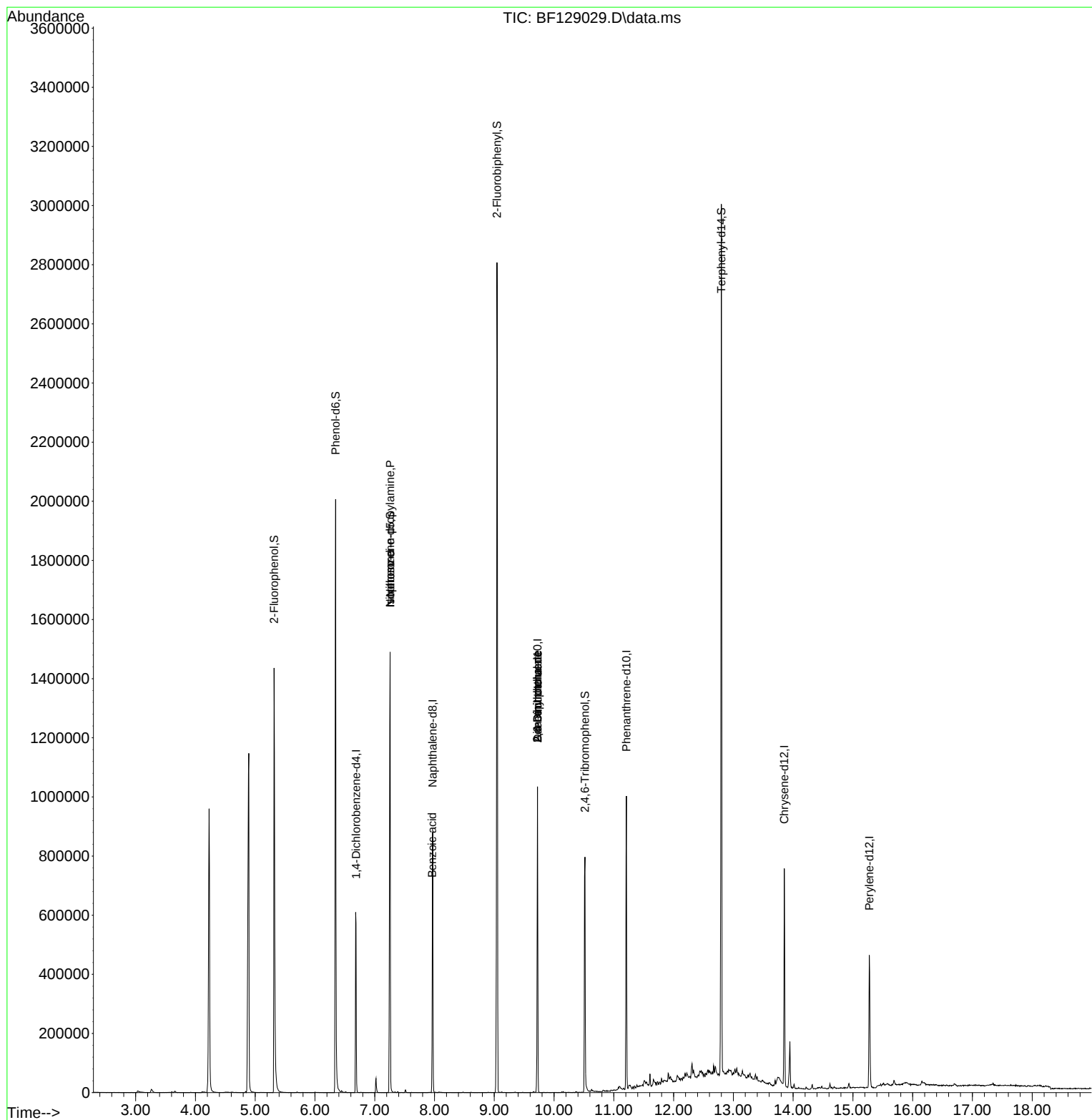
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.687	152	88636	20.000	ng	0.00
21) Naphthalene-d8	7.969	136	342294	20.000	ng	0.00
39) Acenaphthene-d10	9.722	164	193069	20.000	ng	0.00
64) Phenanthrene-d10	11.210	188	355698	20.000	ng	0.00
76) Chrysene-d12	13.851	240	245700	20.000	ng	0.00
86) Perylene-d12	15.274	264	194461	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.316	112	374731	65.634	ng	0.00
7) Phenol-d6	6.346	99	601421	90.113	ng	0.00
23) Nitrobenzene-d5	7.257	82	472052	66.392	ng	0.00
42) 2,4,6-Tribromophenol	10.516	330	98579	49.180	ng	0.00
45) 2-Fluorobiphenyl	9.045	172	921367	69.147	ng	0.00
79) Terphenyl-d14	12.798	244	1031815	77.847	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.257	70	67126	16.296	ng	# 74
25) Isophorone	7.257	82	472047	43.806	ng	# 65
32) Benzoic acid	7.963	122	54	4.082	ng	# 1
50) Dimethylphthalate	9.722	163	37163	2.897	ng	# 1
51) 2,6-Dinitrotoluene	9.722	165	24460	9.104	ng	# 26
57) 2,4-Dinitrotoluene	9.722	165	24460	6.925	ng	# 21

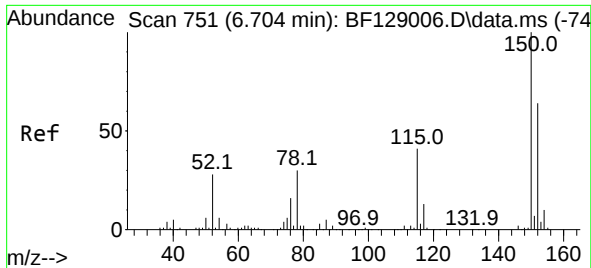
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062722\
Data File : BF129029.D
Acq On : 27 Jun 2022 14:20
Operator : CG\JU
Sample : N3492-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CONCRETE-PILE

Quant Time: Jun 28 06:56:26 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 28 06:51:48 2022
Response via : Initial Calibration

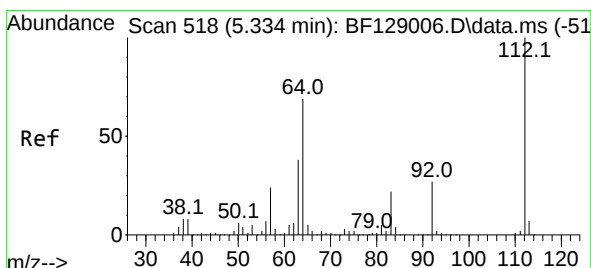
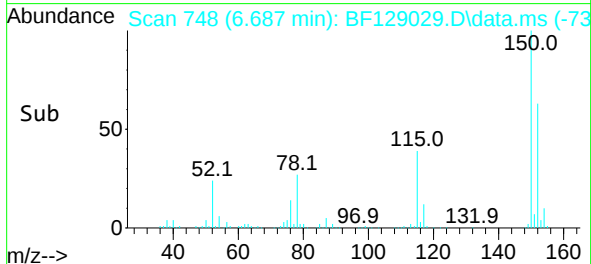
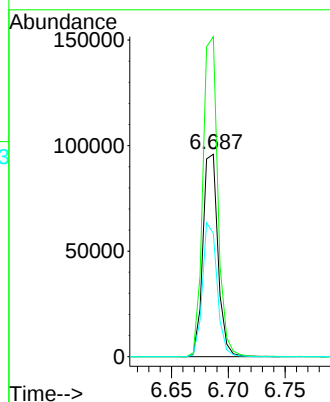
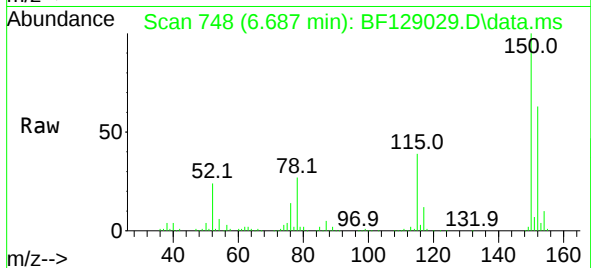




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.687 min Scan# 74
 Delta R.T. -0.000 min
 Lab File: BF129029.D
 Acq: 27 Jun 2022 14:20

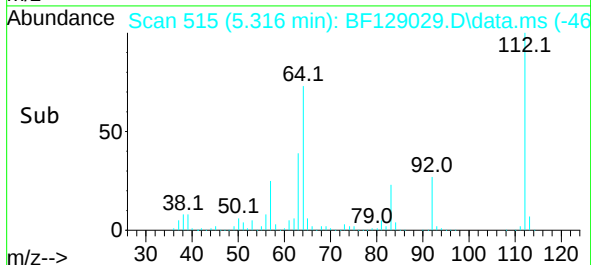
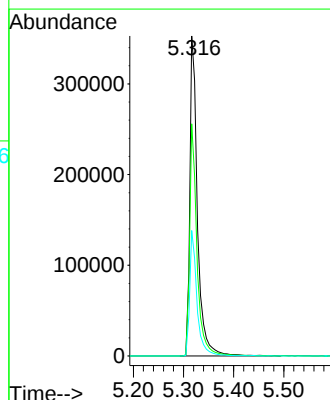
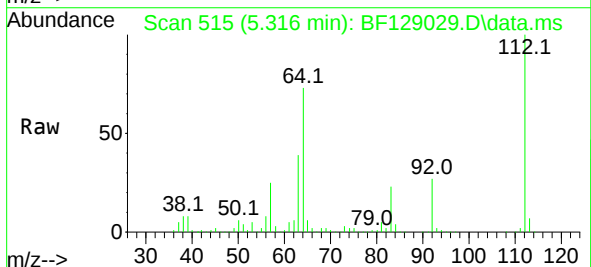
Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-PILE

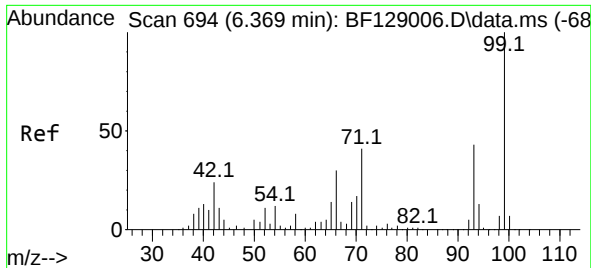
Tgt Ion:152 Resp: 88636
 Ion Ratio Lower Upper
 152 100
 150 158.1 123.7 185.5
 115 61.0 49.9 74.9



#5
 2-Fluorophenol
 Concen: 65.634 ng
 RT: 5.316 min Scan# 515
 Delta R.T. 0.006 min
 Lab File: BF129029.D
 Acq: 27 Jun 2022 14:20

Tgt Ion:112 Resp: 374731
 Ion Ratio Lower Upper
 112 100
 64 72.5 53.3 79.9
 63 39.2 28.0 42.0

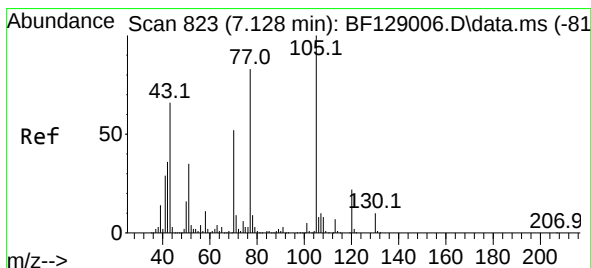
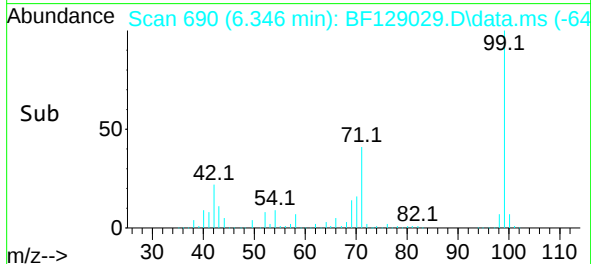
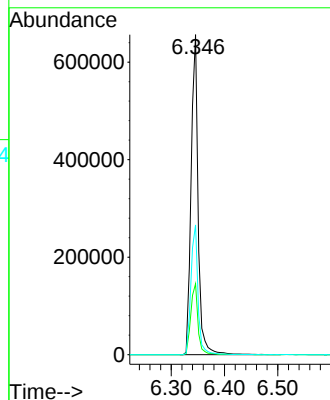
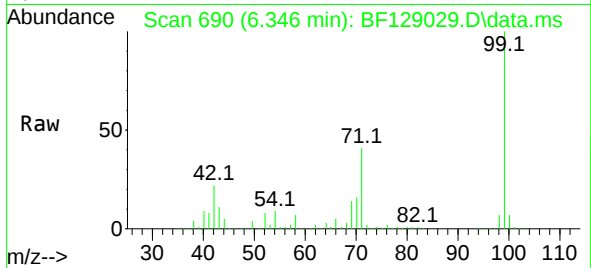




#7
Phenol-d6
Concen: 90.113 ng
RT: 6.346 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF129029.D
Acq: 27 Jun 2022 14:20

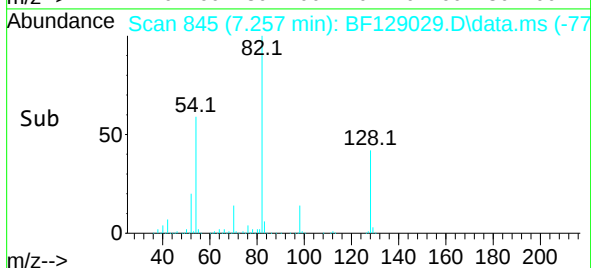
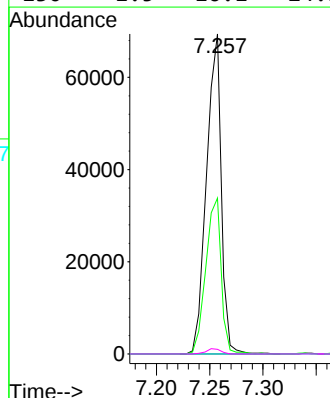
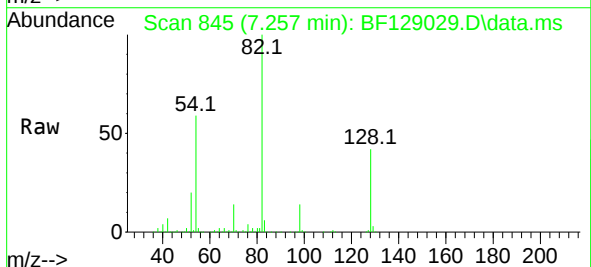
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PILE

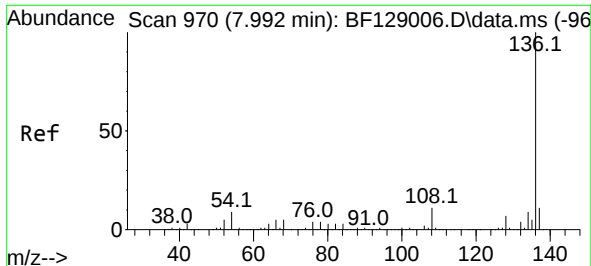
Tgt Ion: 99 Resp: 601421
Ion Ratio Lower Upper
99 100
42 22.1 17.3 25.9
71 40.6 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.296 ng
RT: 7.257 min Scan# 845
Delta R.T. 0.141 min
Lab File: BF129029.D
Acq: 27 Jun 2022 14:20

Tgt Ion: 70 Resp: 67126
Ion Ratio Lower Upper
70 100
42 48.7 52.3 78.5#
101 0.0 7.5 11.3#
130 1.5 16.1 24.1#

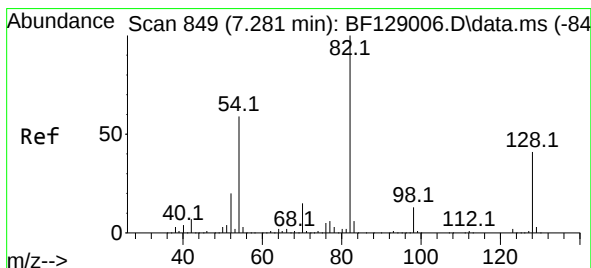
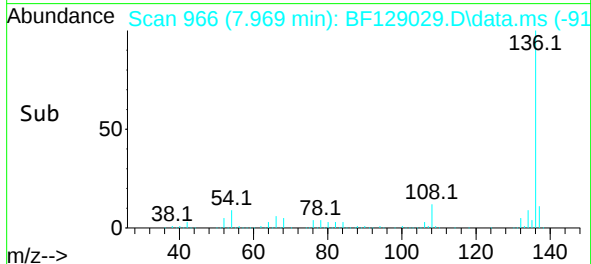
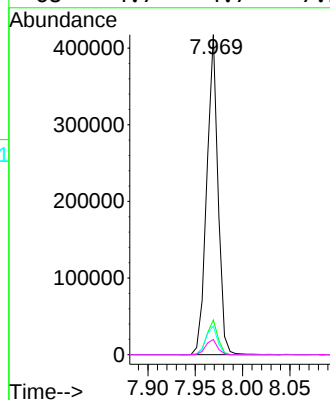
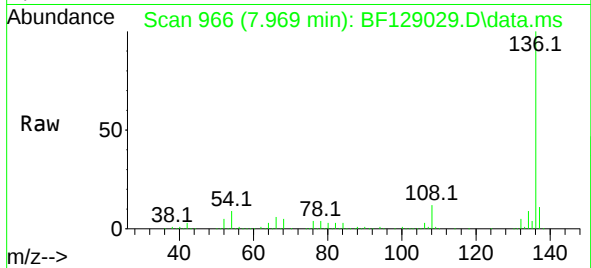




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.969 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129029.D
Acq: 27 Jun 2022 14:20

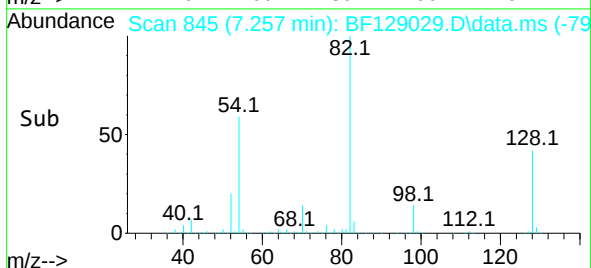
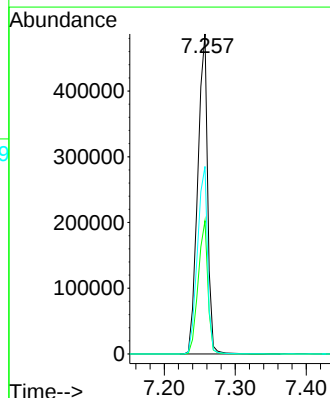
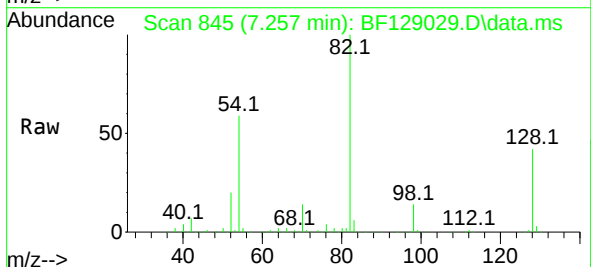
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PILE

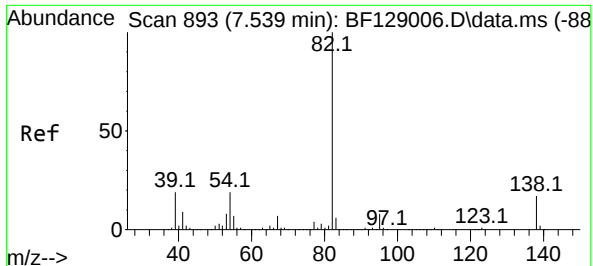
Tgt Ion:136 Resp: 342294
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 9.0 7.5 11.3
68 4.7 4.7 7.1



#23
Nitrobenzene-d5
Concen: 66.392 ng
RT: 7.257 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF129029.D
Acq: 27 Jun 2022 14:20

Tgt Ion: 82 Resp: 472052
Ion Ratio Lower Upper
82 100
128 41.7 34.0 51.0
54 58.6 46.9 70.3

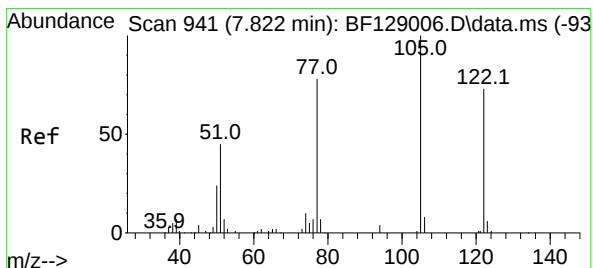
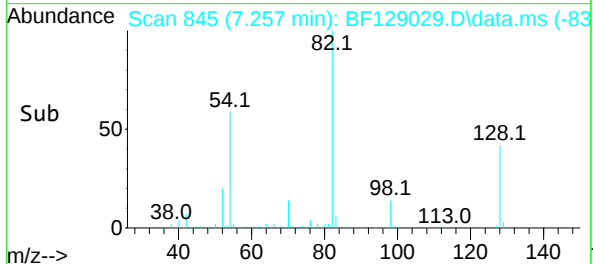
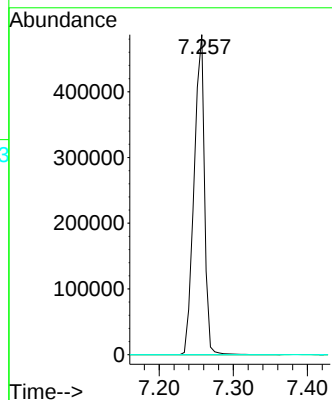
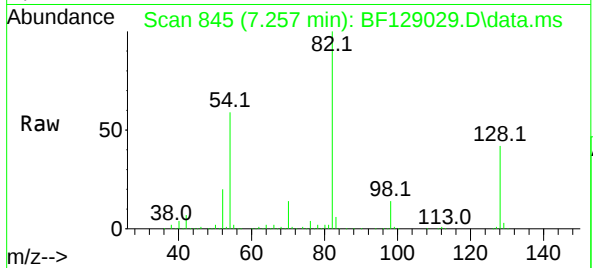




#25
Isophorone
Concen: 43.806 ng
RT: 7.257 min Scan# 84
Delta R.T. -0.264 min
Lab File: BF129029.D
Acq: 27 Jun 2022 14:20

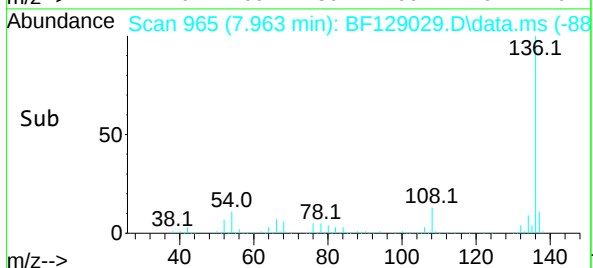
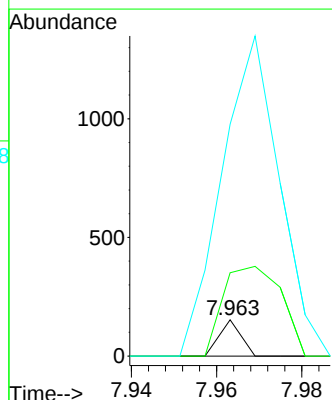
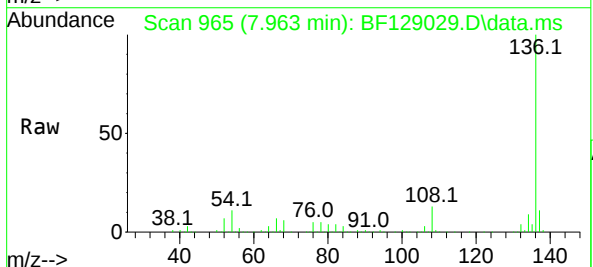
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PILE

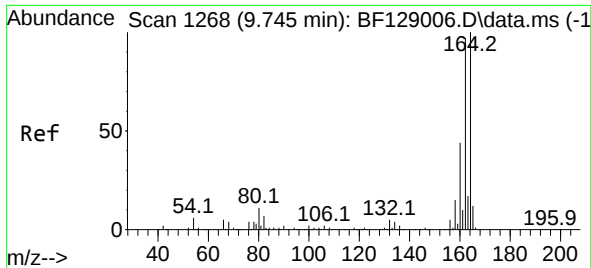
Tgt Ion: 82 Resp: 472047
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#32
Benzoic acid
Concen: 4.082 ng
RT: 7.963 min Scan# 965
Delta R.T. 0.159 min
Lab File: BF129029.D
Acq: 27 Jun 2022 14:20

Tgt Ion: 122 Resp: 54
Ion Ratio Lower Upper
122 100
105 229.4 107.1 147.1#
77 638.6 74.2 114.2#

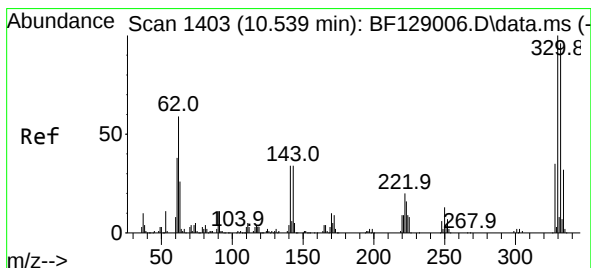
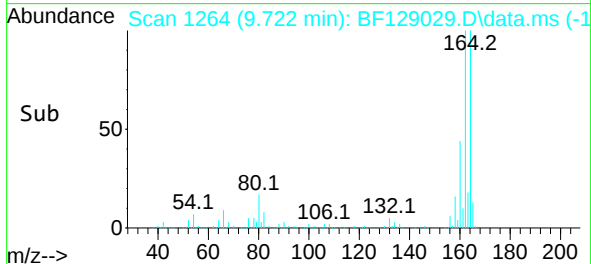
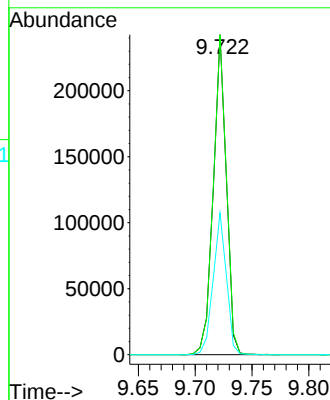
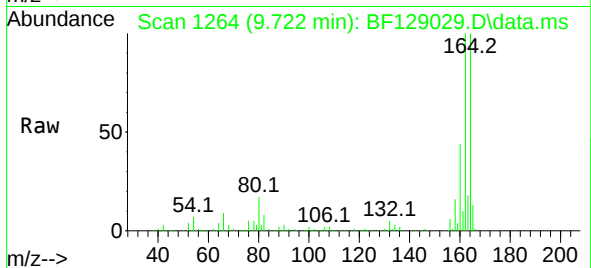




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.722 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129029.D
Acq: 27 Jun 2022 14:20

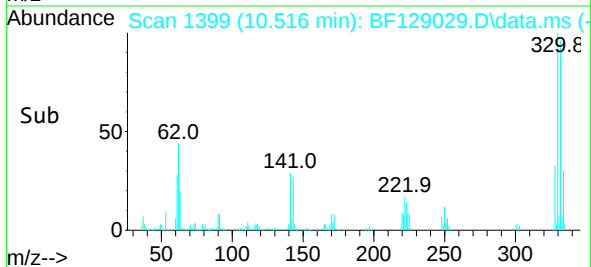
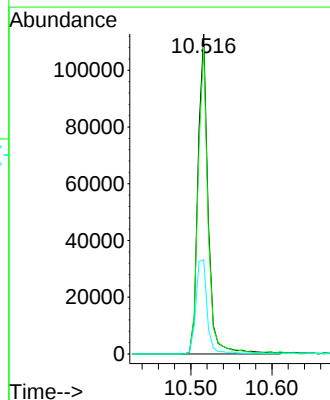
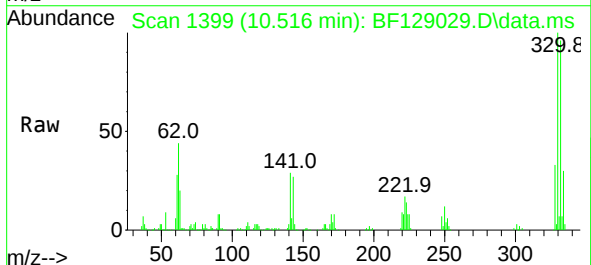
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PILE

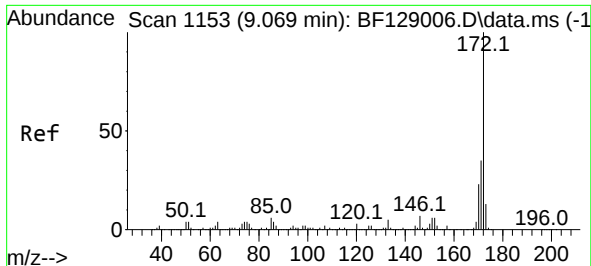
Tgt Ion:164 Resp: 193069
Ion Ratio Lower Upper
164 100
162 99.9 79.5 119.3
160 44.3 34.2 51.4



#42
2,4,6-Tribromophenol
Concen: 49.180 ng
RT: 10.516 min Scan# 1399
Delta R.T. -0.006 min
Lab File: BF129029.D
Acq: 27 Jun 2022 14:20

Tgt Ion:330 Resp: 98579
Ion Ratio Lower Upper
330 100
332 93.6 76.8 115.2
141 32.8 28.0 42.0





#45

2-Fluorobiphenyl

Concen: 69.147 ng

RT: 9.045 min Scan# 1153

Delta R.T. -0.006 min

Lab File: BF129029.D

Acq: 27 Jun 2022 14:20

Instrument :

BNA_F

ClientSampleId :

CONCRETE-PILE

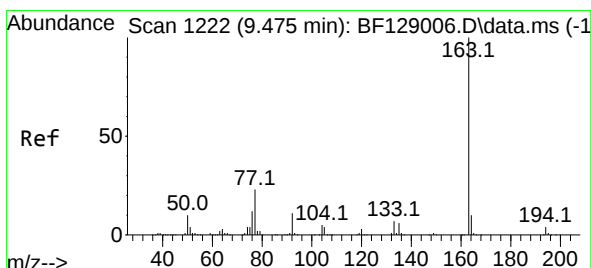
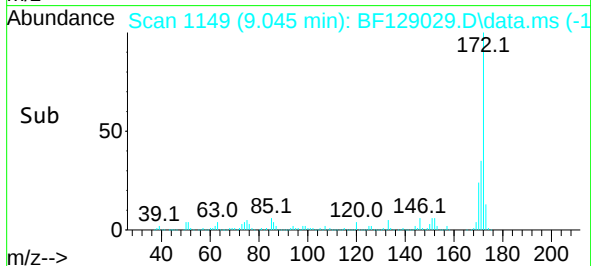
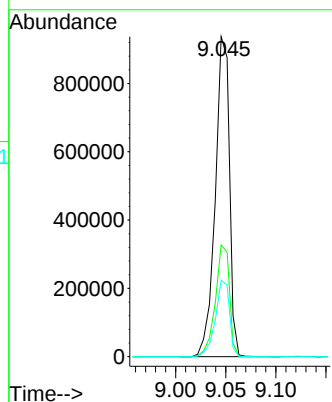
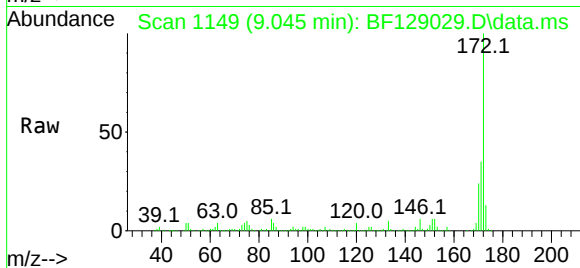
Tgt Ion:172 Resp: 921367

Ion Ratio Lower Upper

172 100

171 34.9 28.8 43.2

170 23.9 19.8 29.8



#50

Dimethylphthalate

Concen: 2.897 ng

RT: 9.722 min Scan# 1264

Delta R.T. 0.259 min

Lab File: BF129029.D

Acq: 27 Jun 2022 14:20

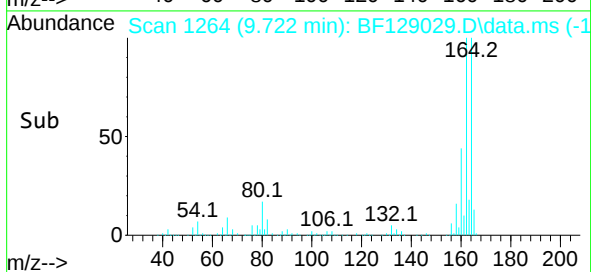
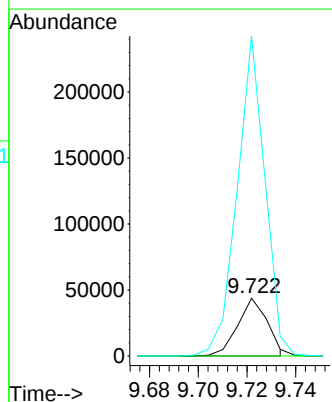
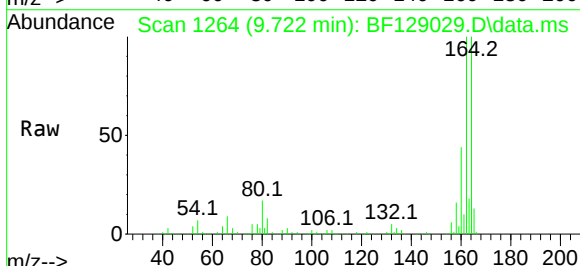
Tgt Ion:163 Resp: 37163

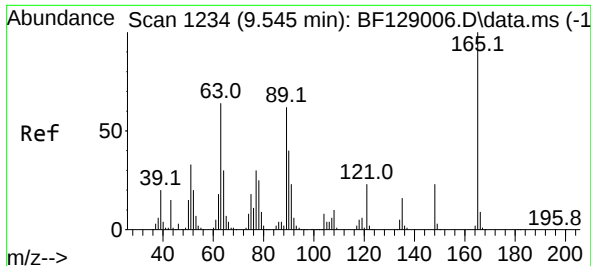
Ion Ratio Lower Upper

163 100

194 0.0 3.2 4.8#

164 554.3 8.2 12.2#





#51

2,6-Dinitrotoluene

Concen: 9.104 ng

RT: 9.722 min Scan# 1264

Delta R.T. 0.194 min

Lab File: BF129029.D

Acq: 27 Jun 2022 14:20

Instrument :

BNA_F

ClientSampleId :

CONCRETE-PILE

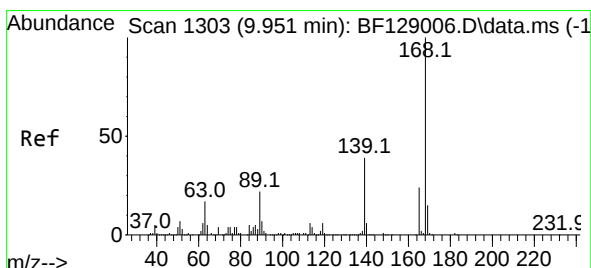
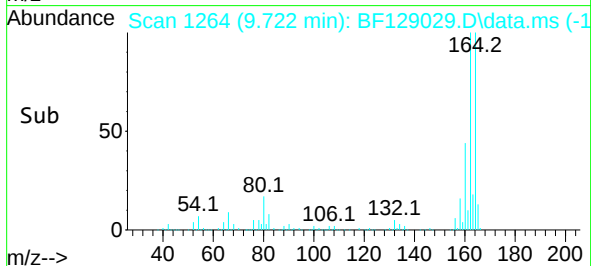
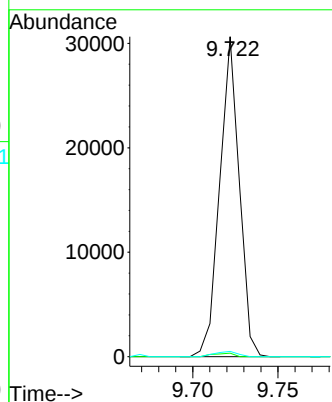
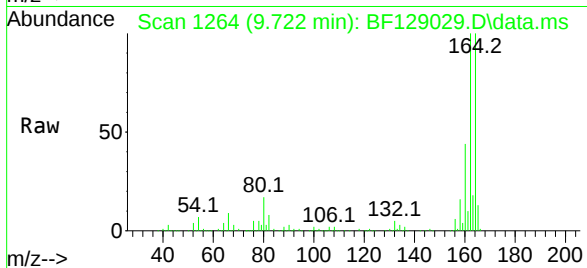
Tgt Ion:165 Resp: 24460

Ion Ratio Lower Upper

165 100

63 1.1 44.9 67.3#

89 1.7 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.925 ng

RT: 9.722 min Scan# 1264

Delta R.T. -0.212 min

Lab File: BF129029.D

Acq: 27 Jun 2022 14:20

Tgt Ion:165 Resp: 24460

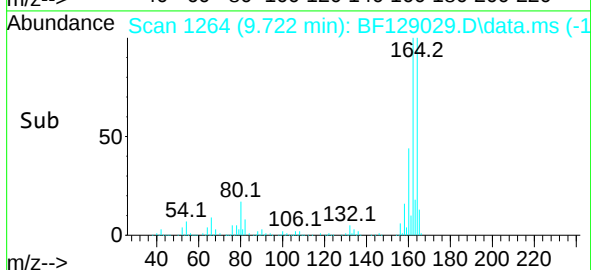
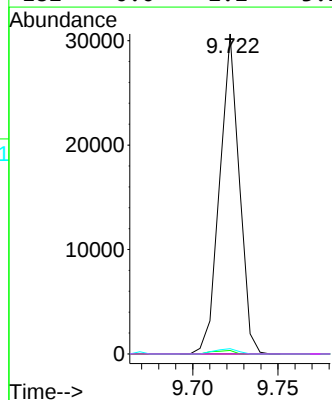
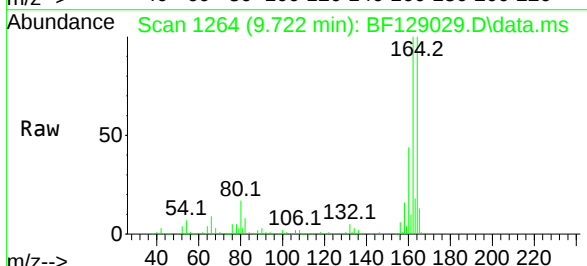
Ion Ratio Lower Upper

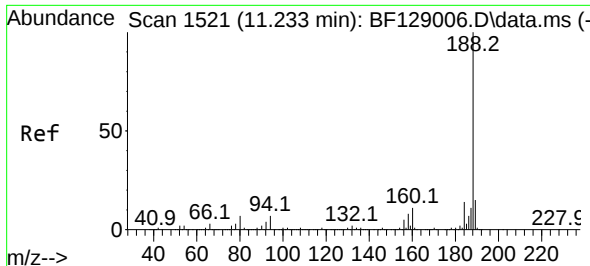
165 100

63 1.1 39.8 59.6#

89 1.7 60.2 90.2#

182 0.0 2.2 3.2#

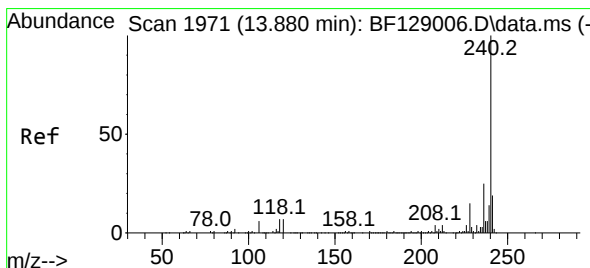
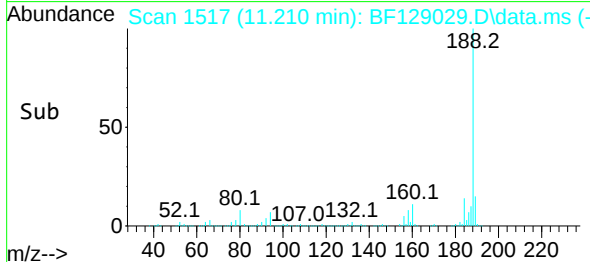
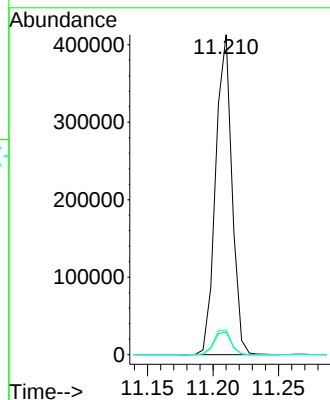
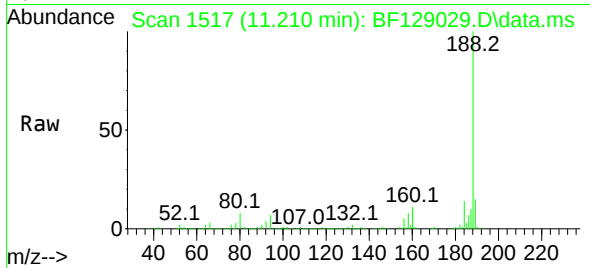




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.210 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129029.D
Acq: 27 Jun 2022 14:20

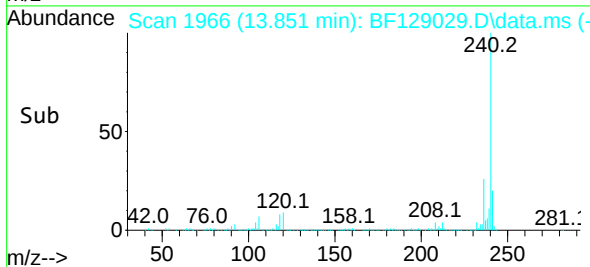
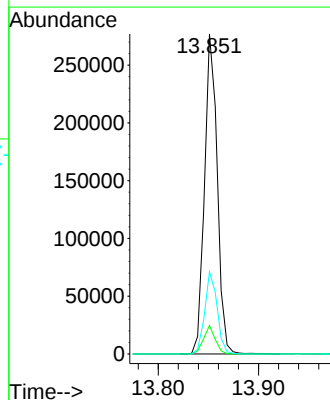
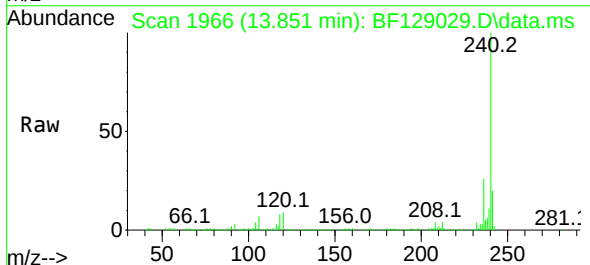
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PILE

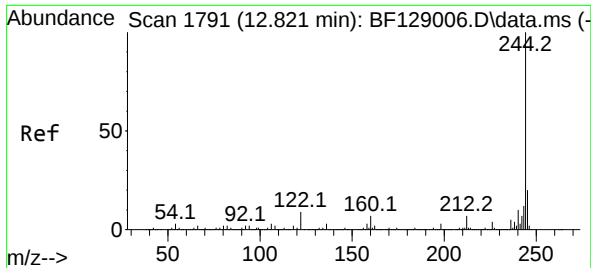
Tgt Ion:188 Resp: 355698
Ion Ratio Lower Upper
188 100
94 7.1 7.0 10.6
80 7.8 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.851 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BF129029.D
Acq: 27 Jun 2022 14:20

Tgt Ion:240 Resp: 245700
Ion Ratio Lower Upper
240 100
120 8.9 8.9 13.3
236 25.7 20.8 31.2

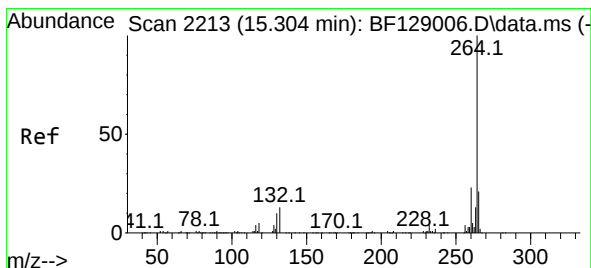
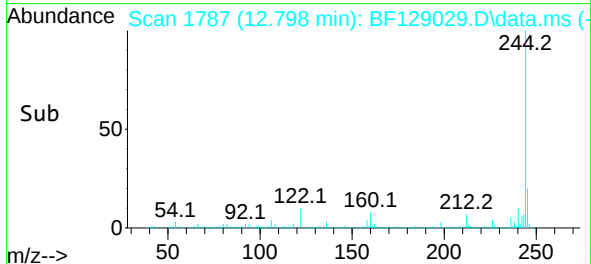
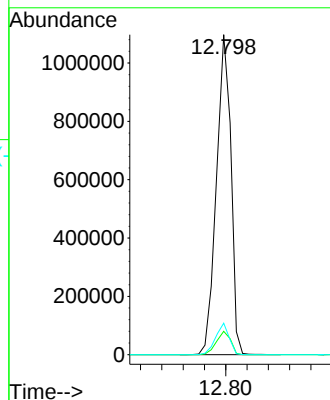
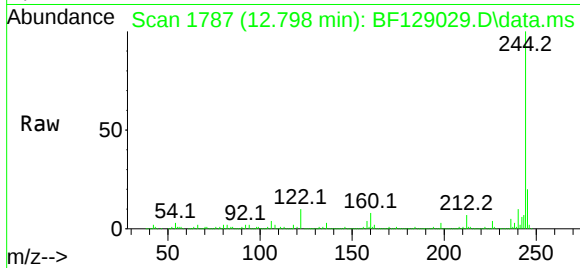




#79
 Terphenyl-d14
 Concen: 77.847 ng
 RT: 12.798 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF129029.D
 Acq: 27 Jun 2022 14:20

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-PILE

Tgt Ion:244 Resp: 1031815
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 9.9 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.274 min Scan# 2208
 Delta R.T. -0.006 min
 Lab File: BF129029.D
 Acq: 27 Jun 2022 14:20

Tgt Ion:264 Resp: 194461
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.4 27.6
 265 21.0 17.2 25.8

