

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102622\
 Data File : BF130796.D
 Acq On : 26 Oct 2022 22:19
 Operator : CG\JU
 Sample : N5265-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-72-11976

Quant Time: Oct 27 09:07:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 27 08:55:38 2022
 Response via : Initial Calibration

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

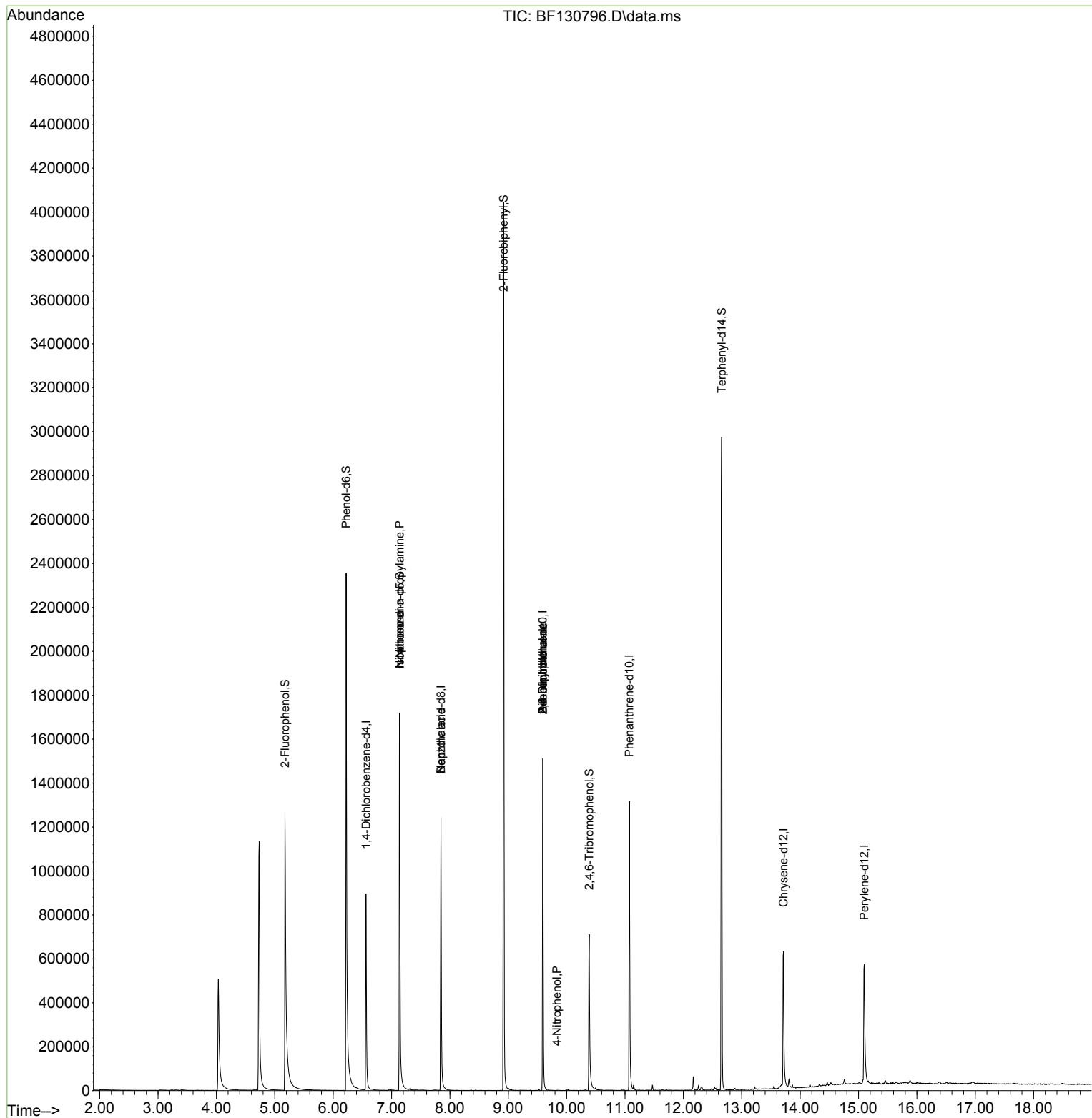
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.563	152	139503	20.000	ng	0.00
21) Naphthalene-d8	7.845	136	587204	20.000	ng	0.00
39) Acenaphthene-d10	9.592	164	299021	20.000	ng	0.00
64) Phenanthrene-d10	11.075	188	483668	20.000	ng	# 0.00
76) Chrysene-d12	13.716	240	247064	20.000	ng	0.00
86) Perylene-d12	15.098	264	271649	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.175	112	620461	76.695	ng	0.00
7) Phenol-d6	6.222	99	1027287	104.952	ng	0.00
23) Nitrobenzene-d5	7.139	82	638634	57.694	ng	0.00
42) 2,4,6-Tribromophenol	10.386	330	107554	37.822	ng	0.00
45) 2-Fluorobiphenyl	8.922	172	1204537	61.388	ng	0.00
79) Terphenyl-d14	12.657	244	1040792	70.991	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.139	70	81088	12.260	ng	# 77
25) Isophorone	7.139	82	638634	35.017	ng	# 65
32) Benzoic acid	7.845	122	82	6.025	ng	# 1
50) Dimethylphthalate	9.592	163	54713	2.720	ng	# 1
51) 2,6-Dinitrotoluene	9.592	165	39066	8.673	ng	# 30
56) 4-Nitrophenol	9.833	139	230	4.786	ng	# 7
57) 2,4-Dinitrotoluene	9.592	165	39066	6.439	ng	# 28
77) Benzidine	12.657	184	13865	Below Cal		# 94

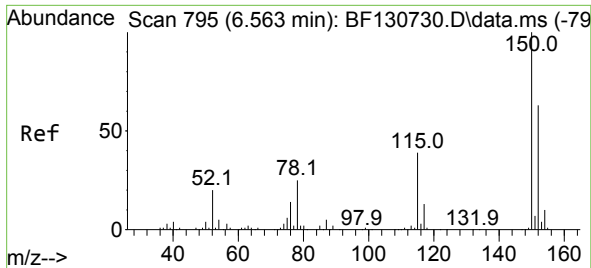
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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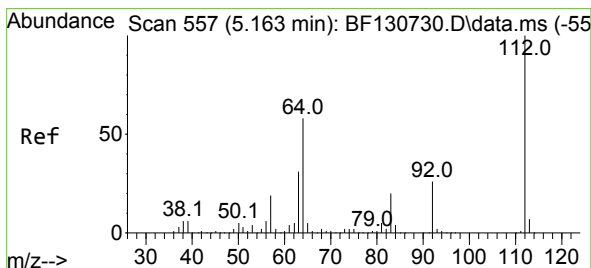
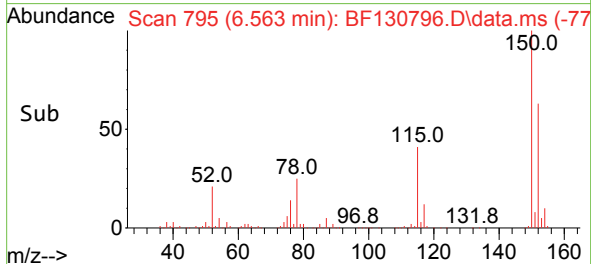
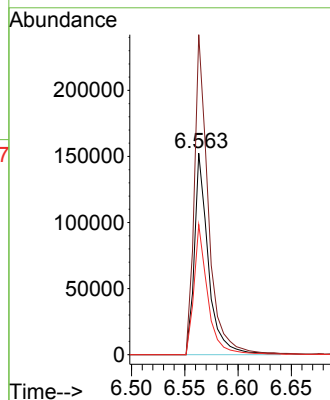
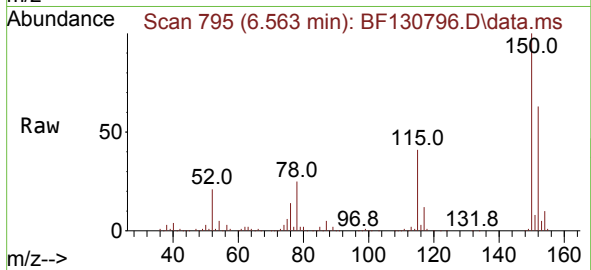




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.563 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF130796.D
Acq: 26 Oct 2022 22:19

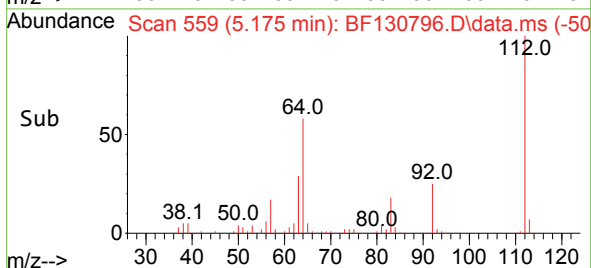
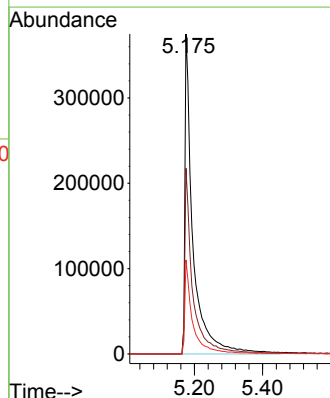
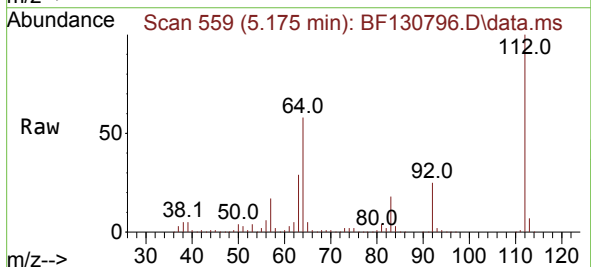
Instrument :
BNA_F
ClientSampleId :
CONCRETE-72-11976

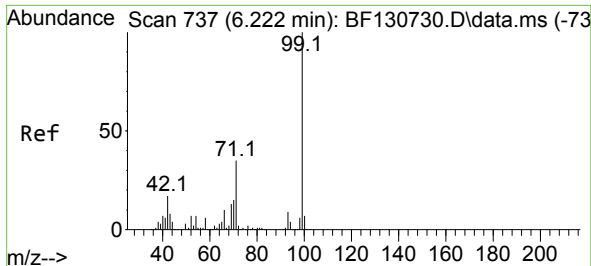
Tgt Ion:152 Resp: 139503
Ion Ratio Lower Upper
152 100
150 158.9 127.0 190.6
115 64.6 49.9 74.9



#5
2-Fluorophenol
Concen: 76.695 ng
RT: 5.175 min Scan# 559
Delta R.T. -0.000 min
Lab File: BF130796.D
Acq: 26 Oct 2022 22:19

Tgt Ion:112 Resp: 620461
Ion Ratio Lower Upper
112 100
64 58.0 46.2 69.4
63 29.4 25.1 37.7

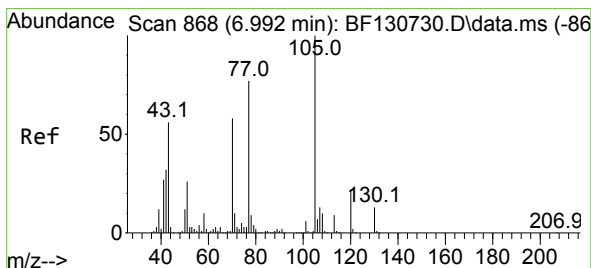
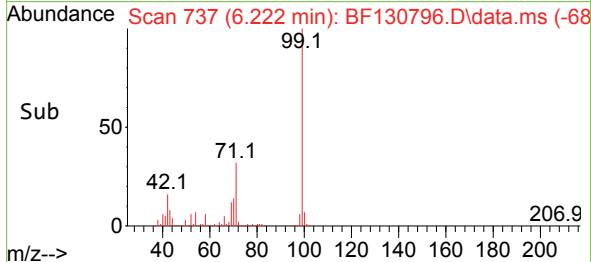
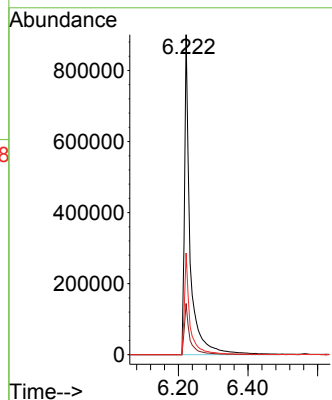
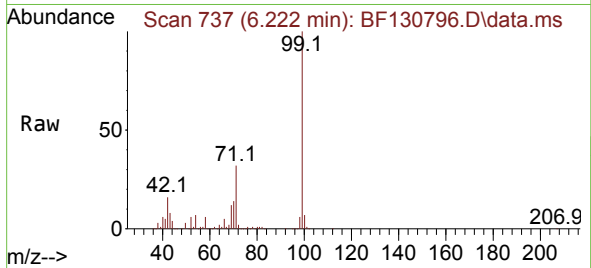




#7
Phenol-d6
Concen: 104.952 ng
RT: 6.222 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130796.D
Acq: 26 Oct 2022 22:19

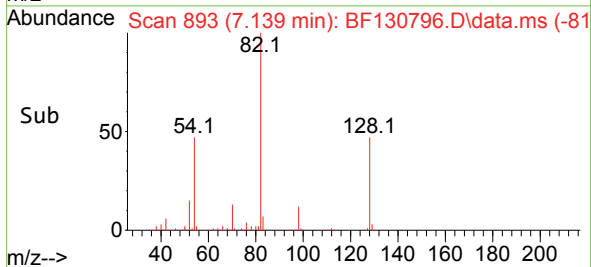
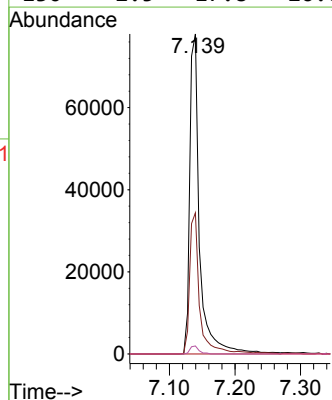
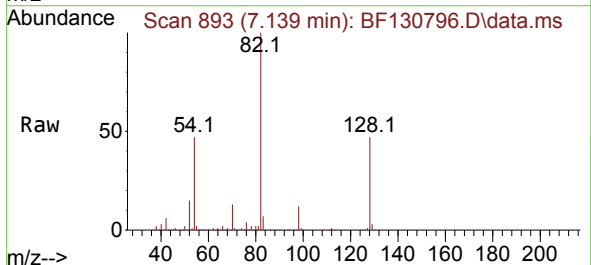
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ClientSampleId :
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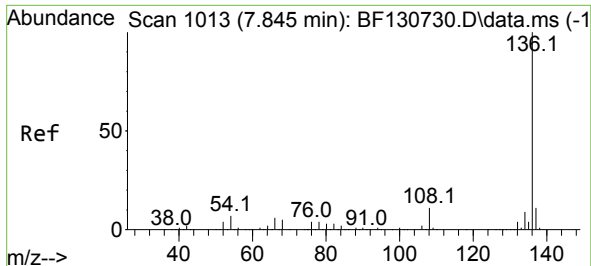
Tgt Ion: 99 Resp: 1027287
Ion Ratio Lower Upper
99 100
42 16.0 13.8 20.8
71 31.8 28.3 42.5



#19
n-Nitroso-di-n-propylamine
Concen: 12.260 ng
RT: 7.139 min Scan# 893
Delta R.T. 0.147 min
Lab File: BF130796.D
Acq: 26 Oct 2022 22:19

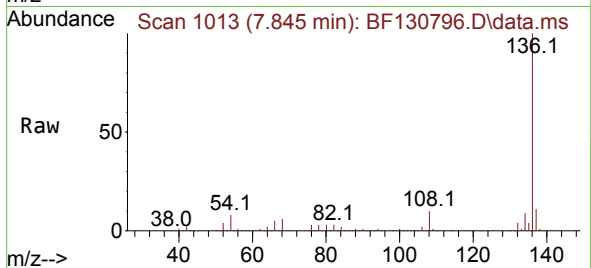
Tgt Ion: 70 Resp: 81088
Ion Ratio Lower Upper
70 100
42 44.1 44.1 66.1
101 0.0 8.3 12.5#
130 2.5 17.8 26.6#



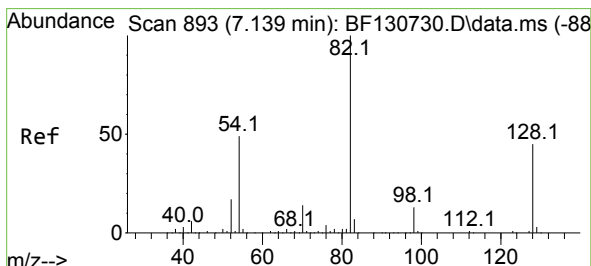
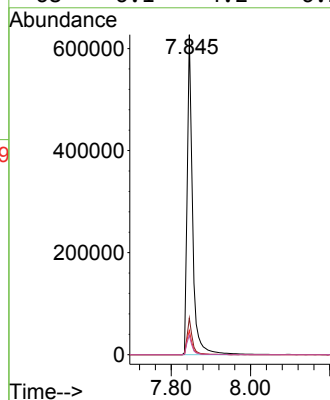
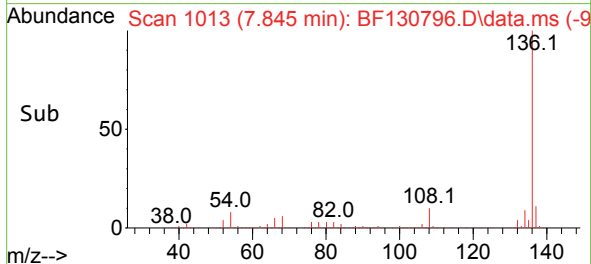


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.845 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF130796.D
Acq: 26 Oct 2022 22:19

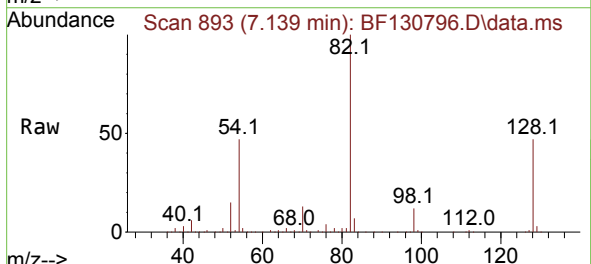
Instrument :
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ClientSampleId :
CONCRETE-72-11976



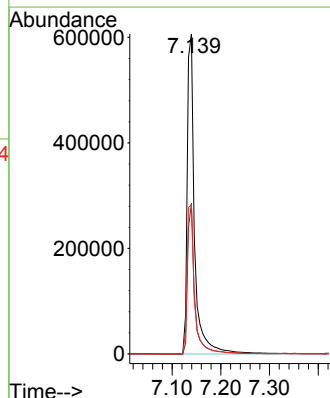
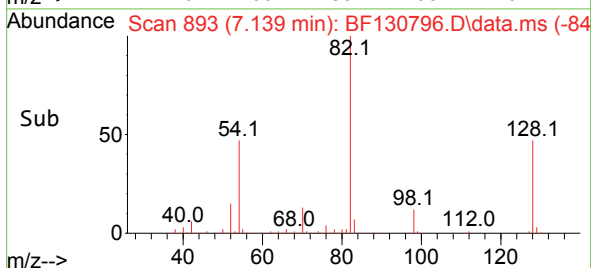
Tgt Ion:136 Resp: 587204
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 7.5 5.8 8.8
68 6.1 4.2 6.2

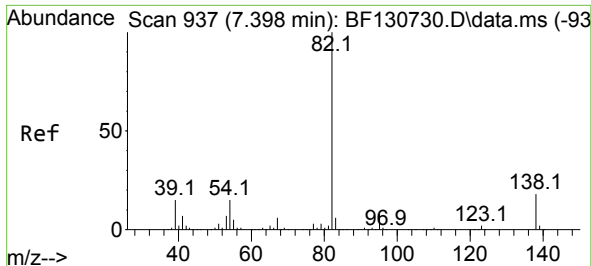


#23
Nitrobenzene-d5
Concen: 57.694 ng
RT: 7.139 min Scan# 893
Delta R.T. -0.000 min
Lab File: BF130796.D
Acq: 26 Oct 2022 22:19



Tgt Ion: 82 Resp: 638634
Ion Ratio Lower Upper
82 100
128 47.1 35.9 53.9
54 46.8 39.2 58.8

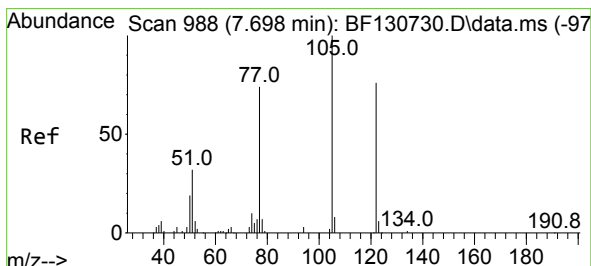
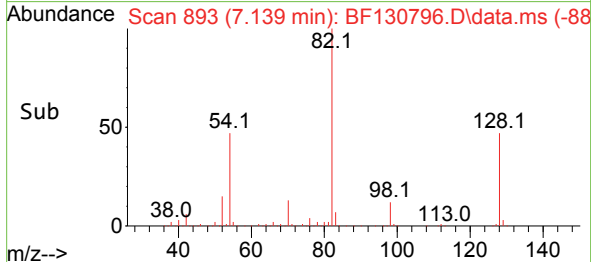
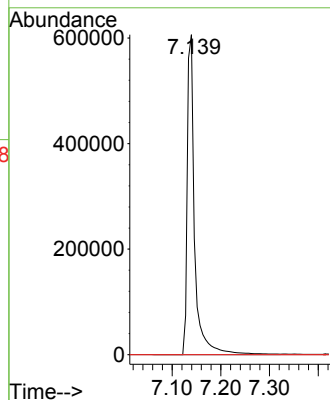
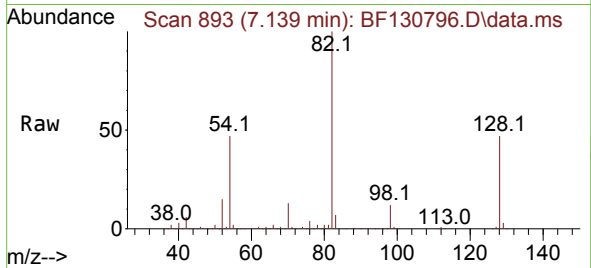




#25
Isophorone
Concen: 35.017 ng
RT: 7.139 min Scan# 893
Delta R.T. -0.259 min
Lab File: BF130796.D
Acq: 26 Oct 2022 22:19

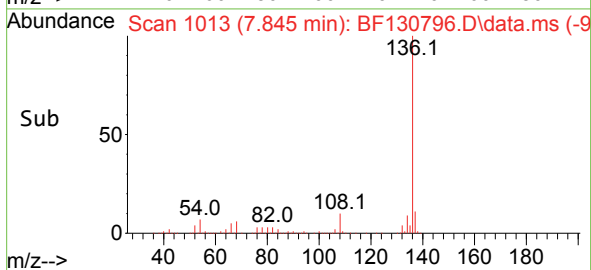
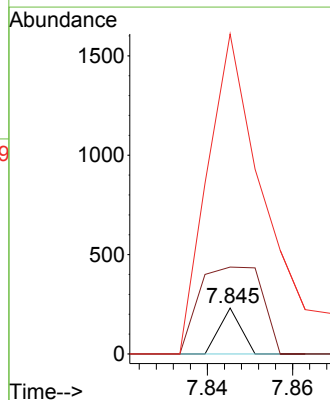
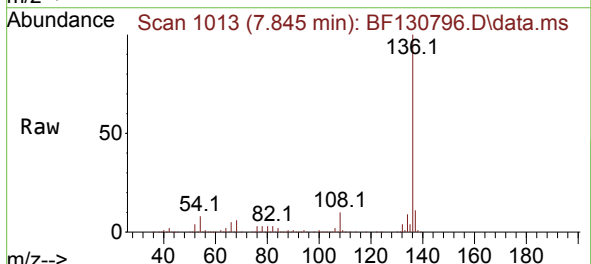
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ClientSampleId :
CONCRETE-72-11976

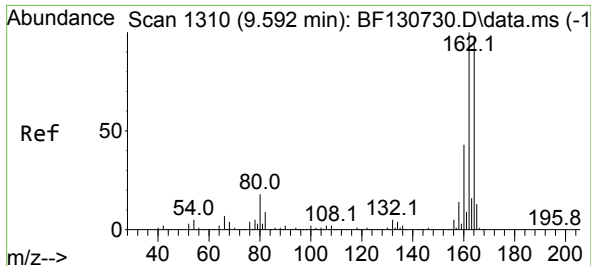
Tgt Ion: 82 Resp: 638634
Ion Ratio Lower Upper
82 100
95 0.0 6.3 9.5#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 6.025 ng
RT: 7.845 min Scan# 1013
Delta R.T. 0.141 min
Lab File: BF130796.D
Acq: 26 Oct 2022 22:19

Tgt Ion:122 Resp: 82
Ion Ratio Lower Upper
122 100
105 189.2 109.2 149.2#
77 697.0 75.7 115.7#

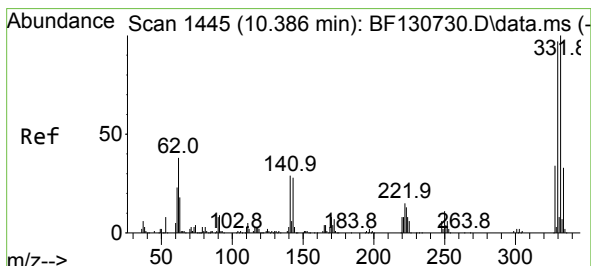
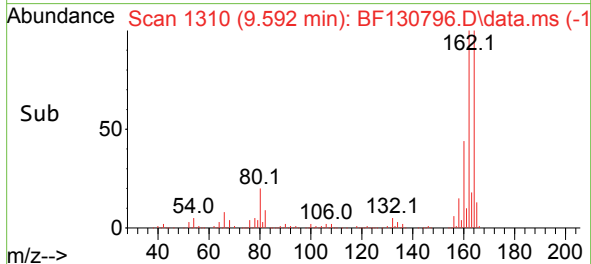
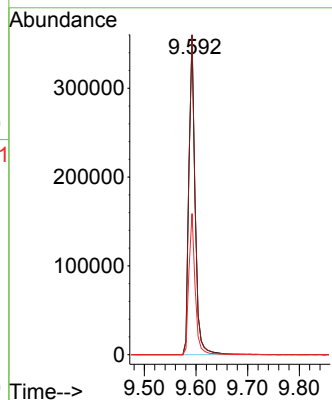
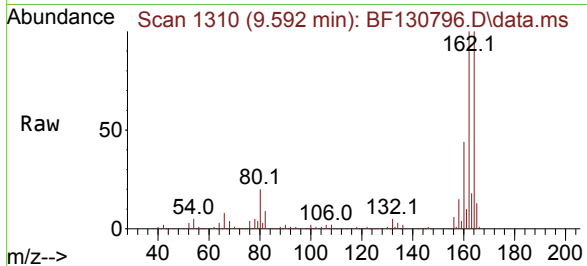




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.592 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130796.D
Acq: 26 Oct 2022 22:19

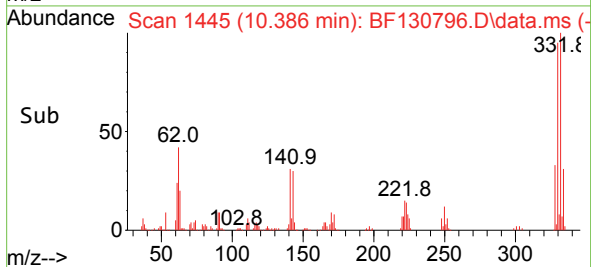
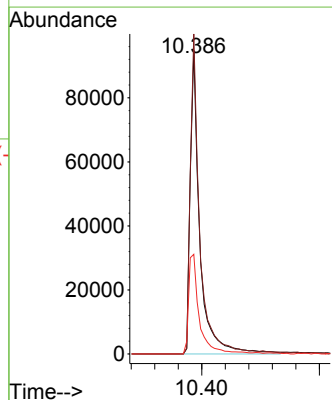
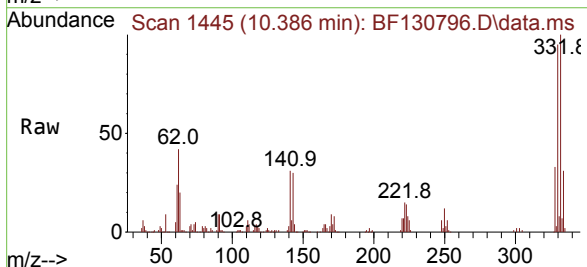
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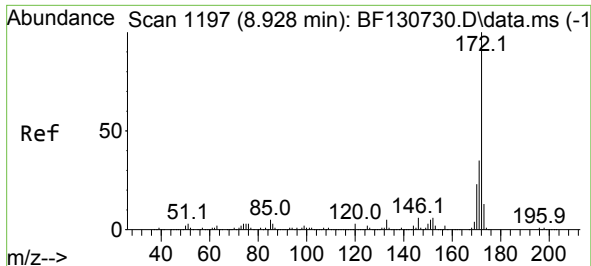
Tgt Ion:164 Resp: 299021
Ion Ratio Lower Upper
164 100
162 100.3 81.4 122.0
160 44.2 35.0 52.4



#42
2,4,6-Tribromophenol
Concen: 37.822 ng
RT: 10.386 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BF130796.D
Acq: 26 Oct 2022 22:19

Tgt Ion:330 Resp: 107554
Ion Ratio Lower Upper
330 100
332 102.8 81.4 122.2
141 36.2 24.6 37.0

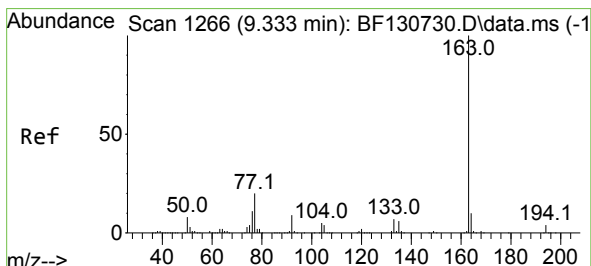
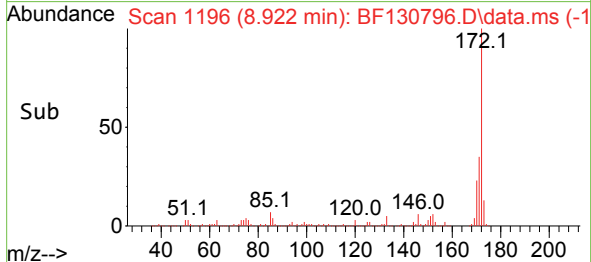
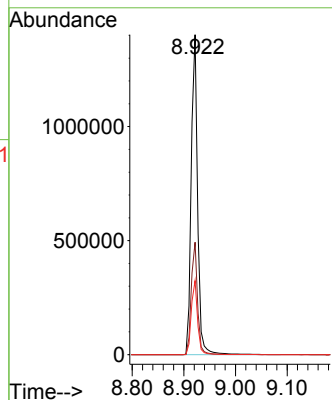
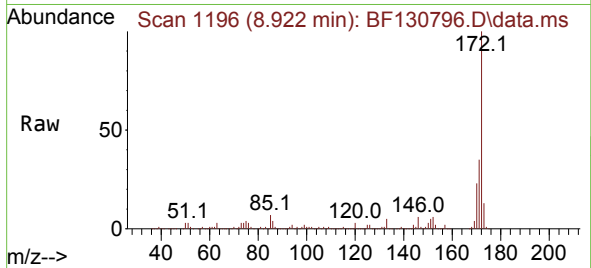




#45
2-Fluorobiphenyl
Concen: 61.388 ng
RT: 8.922 min Scan# 1197
Delta R.T. -0.000 min
Lab File: BF130796.D
Acq: 26 Oct 2022 22:19

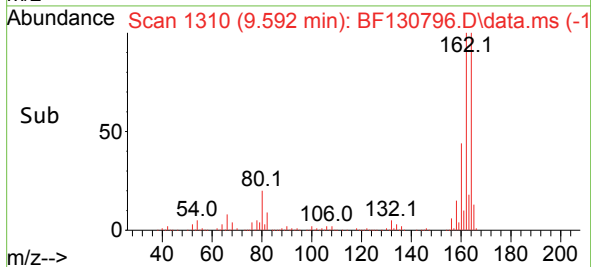
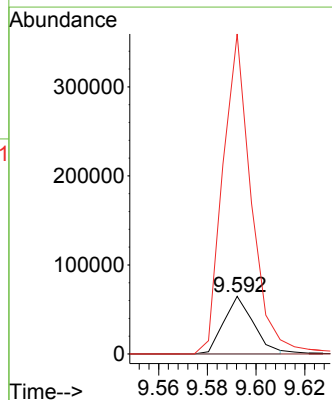
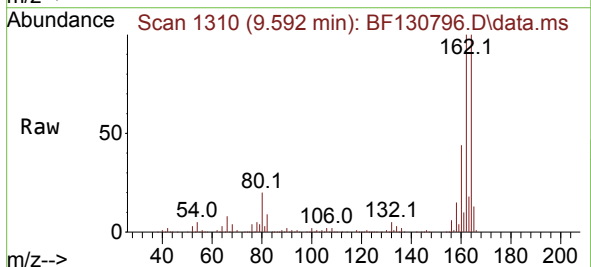
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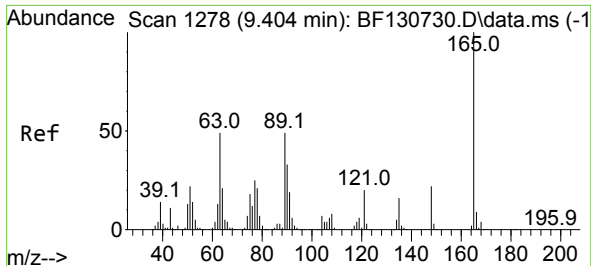
Tgt Ion:172 Resp: 1204537
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.2
170 23.2 18.5 27.7



#50
Dimethylphthalate
Concen: 2.720 ng
RT: 9.592 min Scan# 1310
Delta R.T. 0.259 min
Lab File: BF130796.D
Acq: 26 Oct 2022 22:19

Tgt Ion:163 Resp: 54713
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 556.0 8.1 12.1#

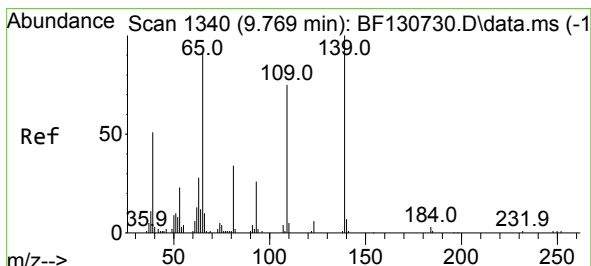
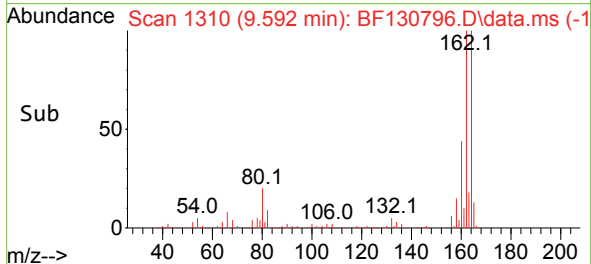
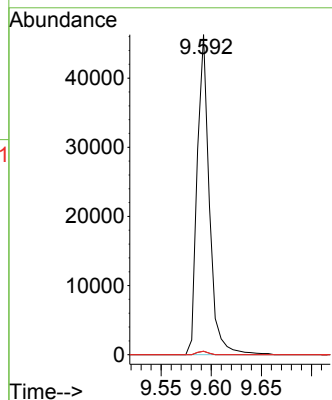
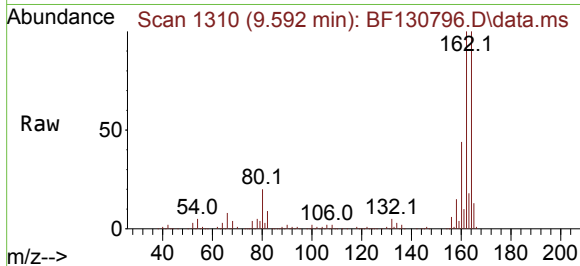




#51
2,6-Dinitrotoluene
Concen: 8.673 ng
RT: 9.592 min Scan# 11
Delta R.T. 0.188 min
Lab File: BF130796.D
Acq: 26 Oct 2022 22:19

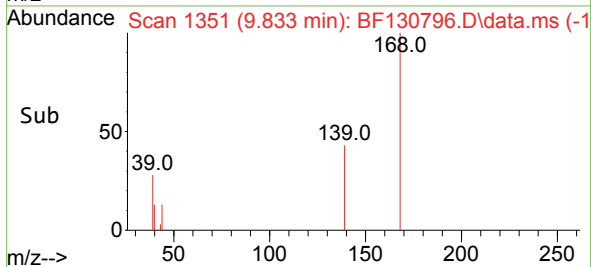
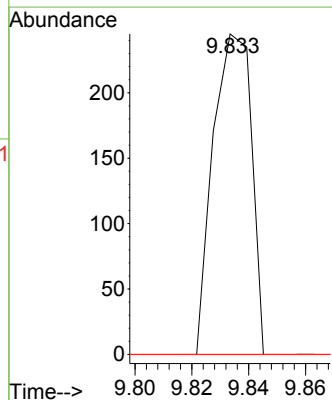
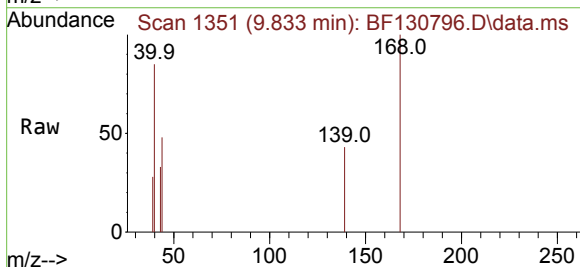
Instrument :
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CONCRETE-72-11976

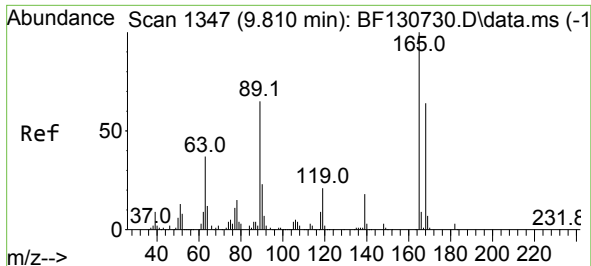
Tgt Ion:165 Resp: 39066
Ion Ratio Lower Upper
165 100
63 1.1 38.8 58.2#
89 1.1 39.4 59.2#



#56
4-Nitrophenol
Concen: 4.786 ng
RT: 9.833 min Scan# 1351
Delta R.T. 0.035 min
Lab File: BF130796.D
Acq: 26 Oct 2022 22:19

Tgt Ion:139 Resp: 230
Ion Ratio Lower Upper
139 100
109 0.0 55.1 95.1#
65 0.0 72.2 112.2#

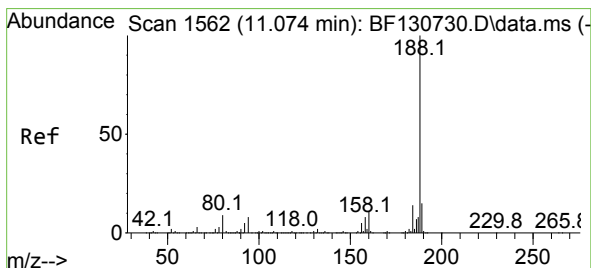
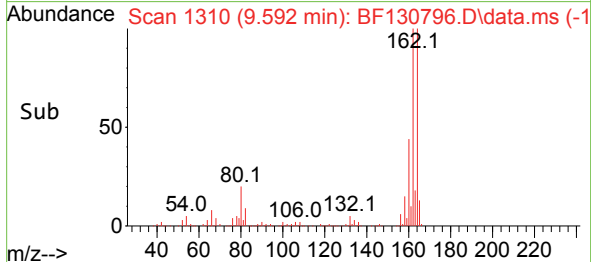
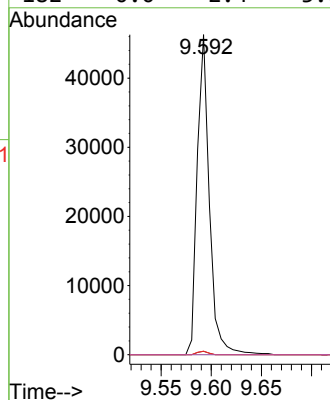
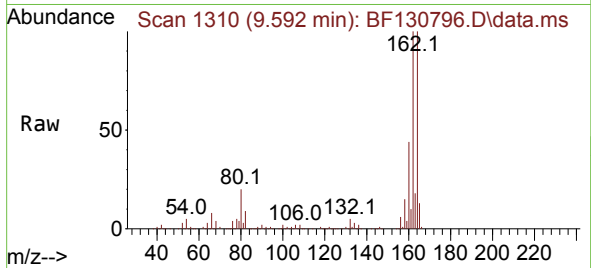




#57
2,4-Dinitrotoluene
Concen: 6.439 ng
RT: 9.592 min Scan# 11
Delta R.T. -0.218 min
Lab File: BF130796.D
Acq: 26 Oct 2022 22:19

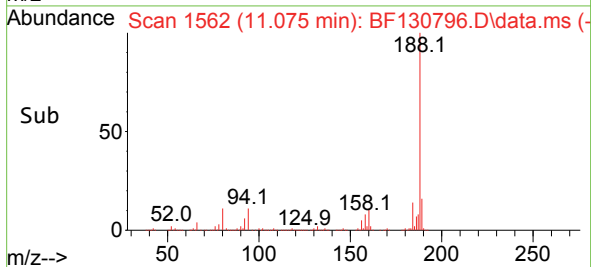
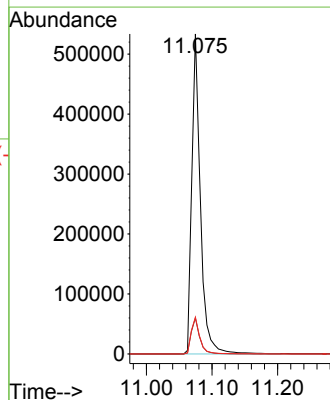
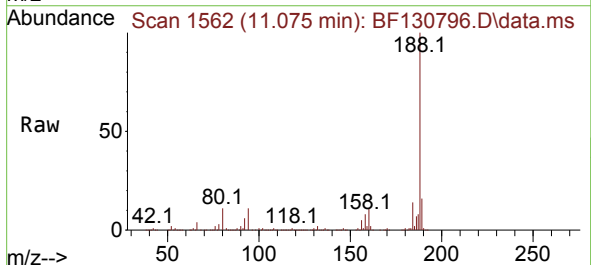
Instrument :
BNA_F
ClientSampleId :
CONCRETE-72-11976

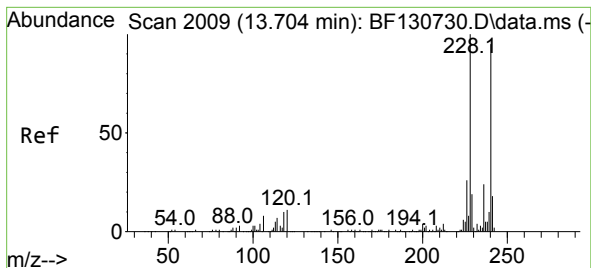
Tgt Ion:165 Resp: 39066
Ion Ratio Lower Upper
165 100
63 1.1 32.6 49.0#
89 1.1 51.9 77.9#
182 0.0 2.4 3.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.075 min Scan# 1562
Delta R.T. -0.000 min
Lab File: BF130796.D
Acq: 26 Oct 2022 22:19

Tgt Ion:188 Resp: 483668
Ion Ratio Lower Upper
188 100
94 11.2 6.7 10.1#
80 11.5 7.4 11.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.716 min Scan# 2009

Delta R.T. -0.000 min

Lab File: BF130796.D

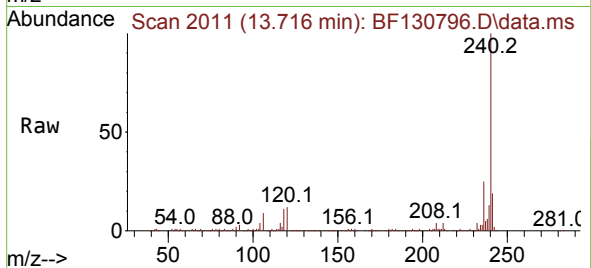
Acq: 26 Oct 2022 22:19

Instrument :

BNA_F

ClientSampleId :

CONCRETE-72-11976



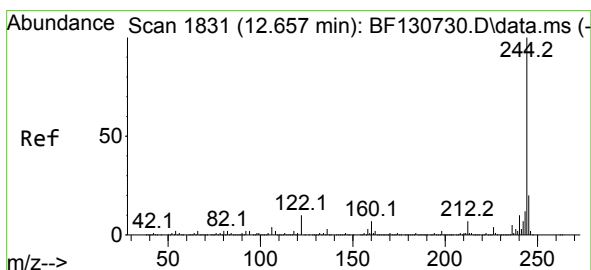
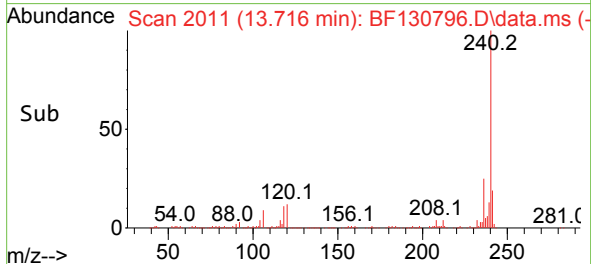
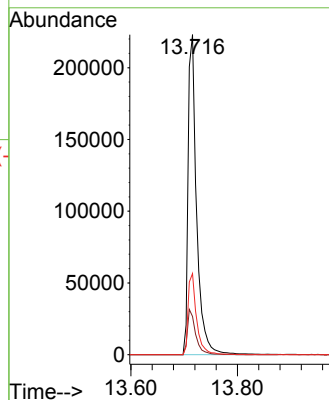
Tgt Ion:240 Resp: 247064

Ion Ratio Lower Upper

240 100

120 11.9 9.6 14.4

236 25.3 20.2 30.2



#79

Terphenyl-d14

Concen: 70.991 ng

RT: 12.657 min Scan# 1831

Delta R.T. -0.000 min

Lab File: BF130796.D

Acq: 26 Oct 2022 22:19

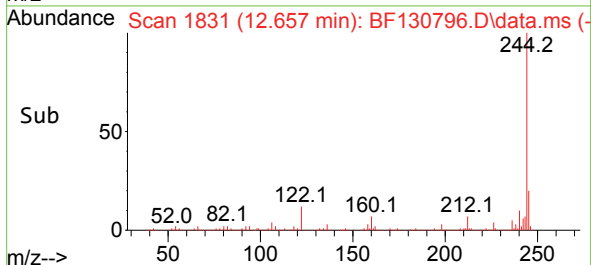
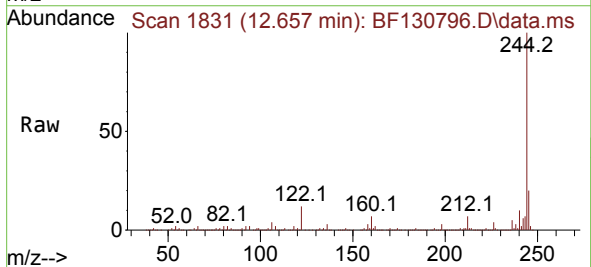
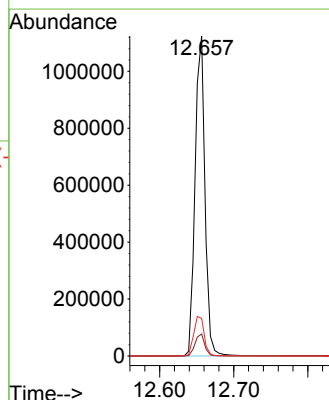
Tgt Ion:244 Resp: 1040792

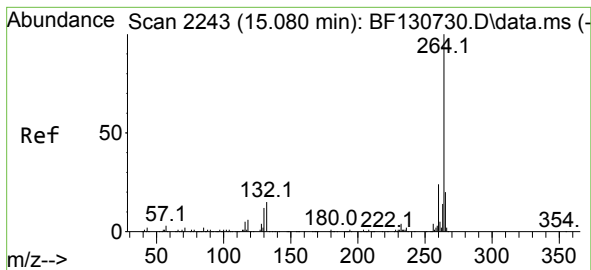
Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

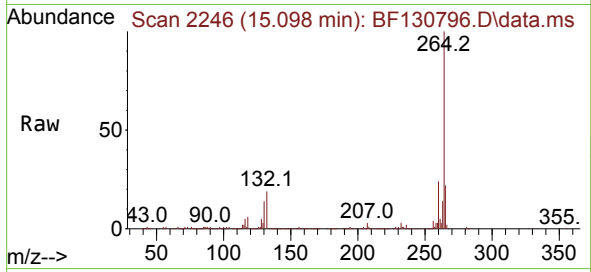
122 11.8 8.2 12.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.098 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF130796.D
 Acq: 26 Oct 2022 22:19

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-72-11976



Tgt Ion:264 Resp: 271649
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.8 28.2
 265 21.8 16.2 24.4

