

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090123\
 Data File : BF135071.D
 Acq On : 01 Sep 2023 12:28
 Operator : CG\JU
 Sample : 04242-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DEBRIS-CONCRETE-COMP

Quant Time: Sep 01 19:57:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 03:48:08 2023
 Response via : Initial Calibration

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

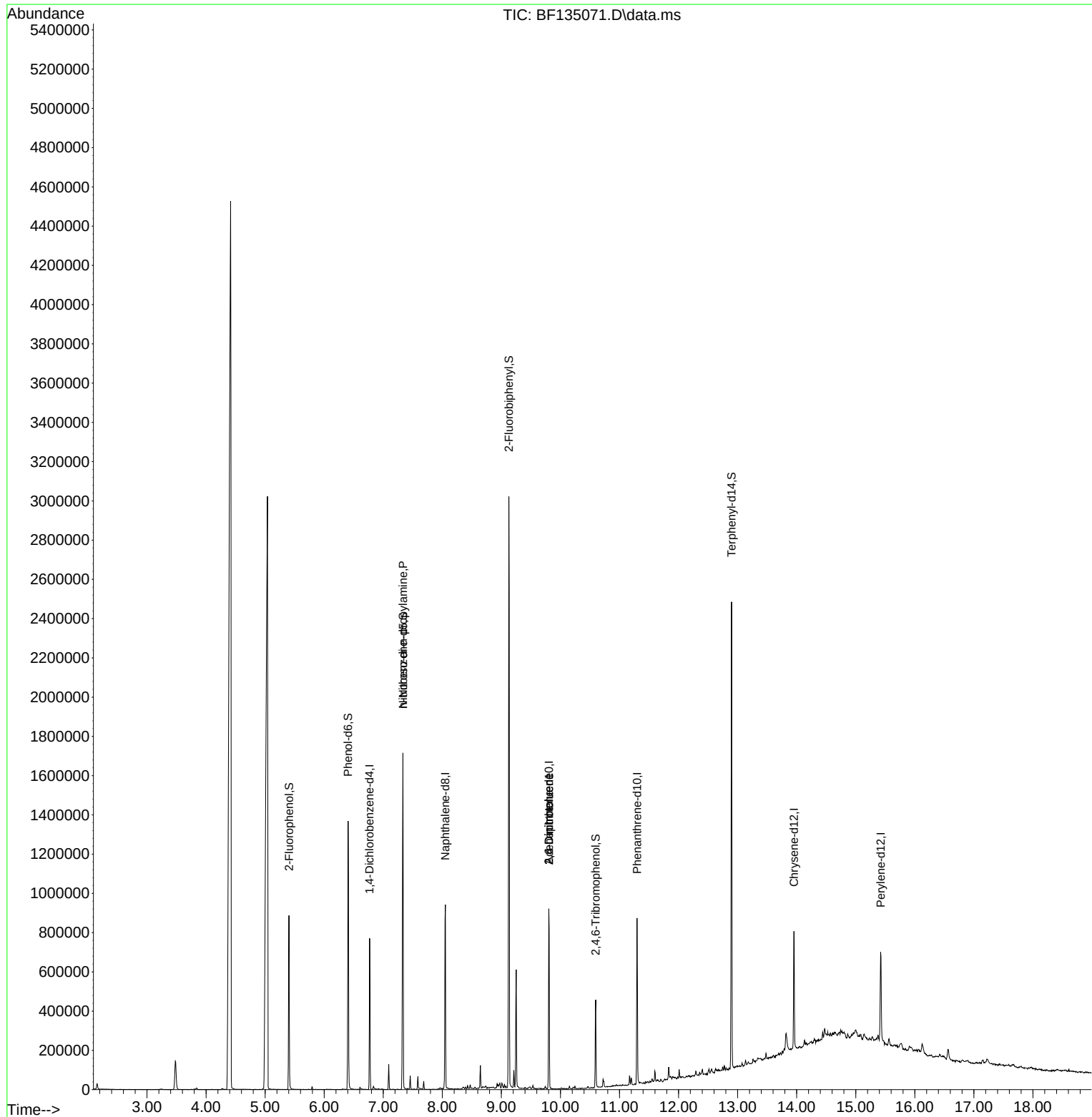
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	100367	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	421877	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	188951	20.000	ng	-0.01
64) Phenanthrene-d10	11.298	188	287592	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	215718	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	216725	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	212301	32.672	ng	0.00
7) Phenol-d6	6.404	99	427913	52.834	ng	-0.01
23) Nitrobenzene-d5	7.334	82	529364	70.495	ng	-0.01
42) 2,4,6-Tribromophenol	10.598	330	51830	25.858	ng	-0.01
45) 2-Fluorobiphenyl	9.128	172	965855	83.223	ng	-0.01
79) Terphenyl-d14	12.898	244	776023	58.706	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.334	70	69620	14.471	ng	# 79
51) 2,6-Dinitrotoluene	9.804	165	23686	8.159	ng	# 22
57) 2,4-Dinitrotoluene	9.804	165	23686	6.547	ng	# 20

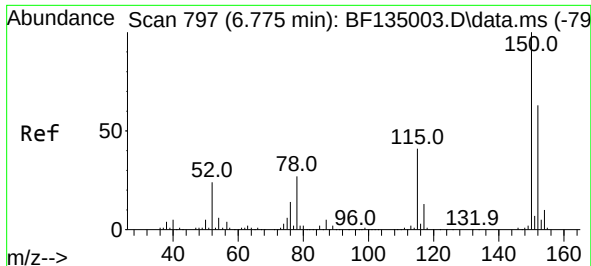
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 01 19:57:29 2023
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 31 03:48:08 2023
Response via : Initial Calibration

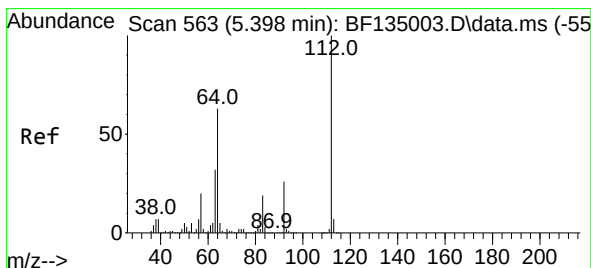
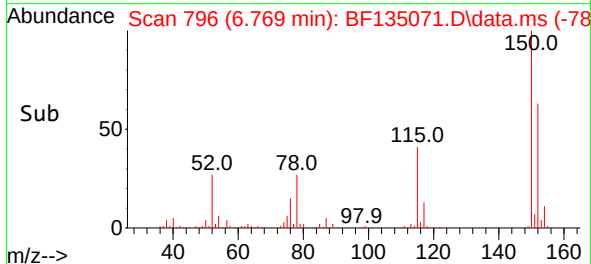
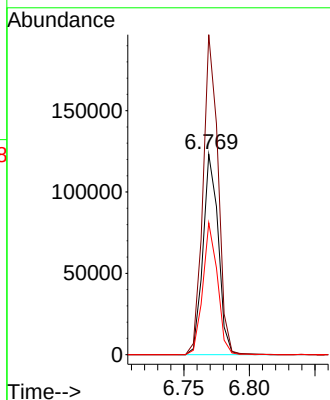
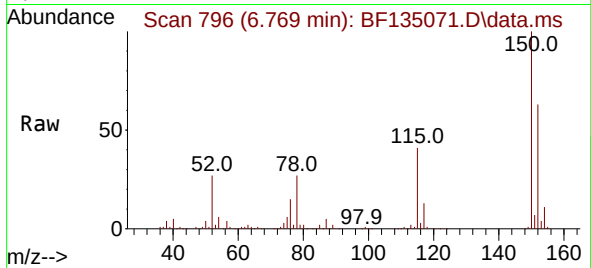




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF135071.D
Acq: 01 Sep 2023 12:28

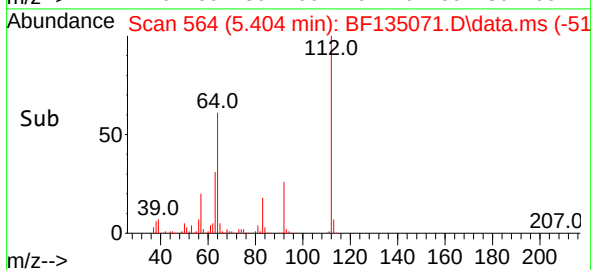
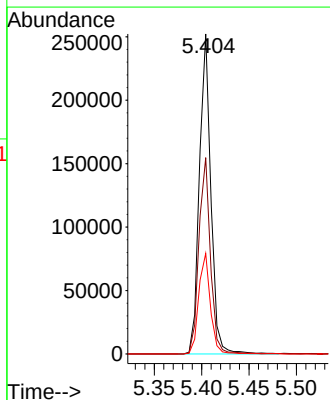
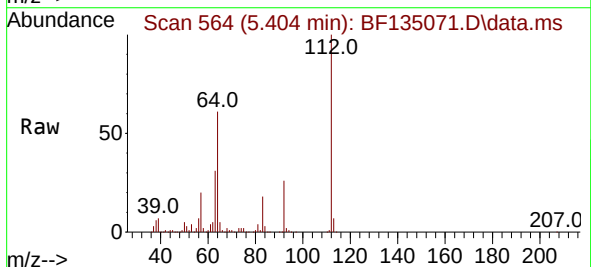
Instrument :
BNA_F
ClientSampleId :
DEBRIS-CONCRETE-COMP

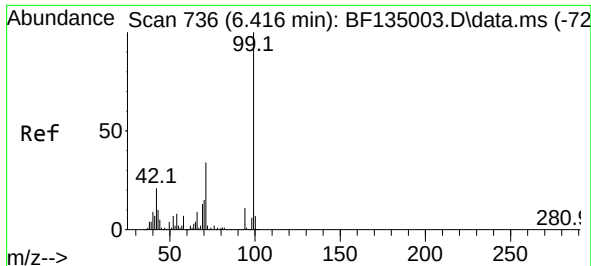
Tgt Ion:152 Resp: 100367
Ion Ratio Lower Upper
152 100
150 159.6 126.2 189.4
115 65.8 51.2 76.8



#5
2-Fluorophenol
Concen: 32.672 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.006 min
Lab File: BF135071.D
Acq: 01 Sep 2023 12:28

Tgt Ion:112 Resp: 212301
Ion Ratio Lower Upper
112 100
64 61.3 50.5 75.7
63 31.4 25.9 38.9

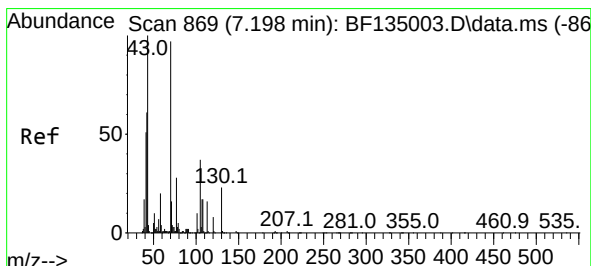
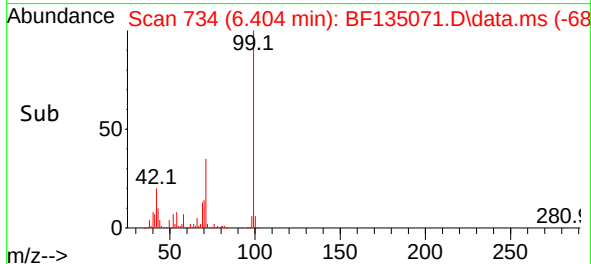
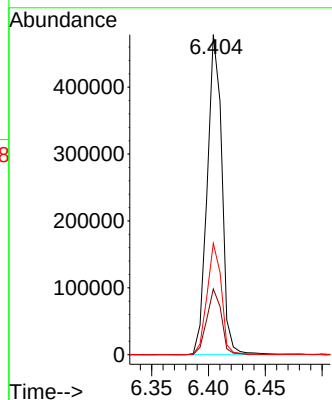
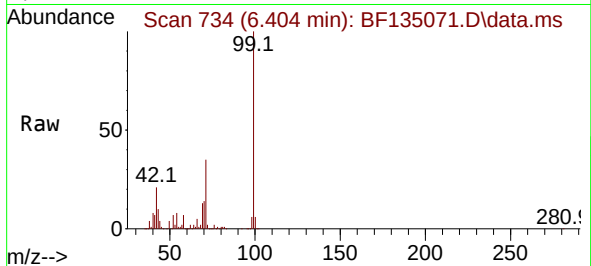




#7
Phenol-d6
Concen: 52.834 ng
RT: 6.404 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF135071.D
Acq: 01 Sep 2023 12:28

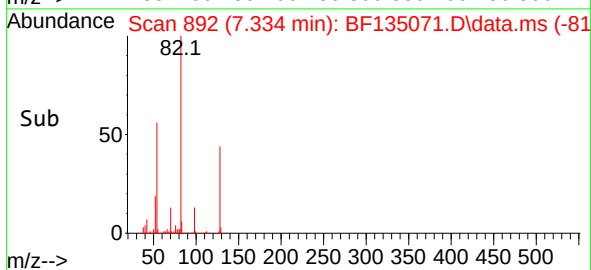
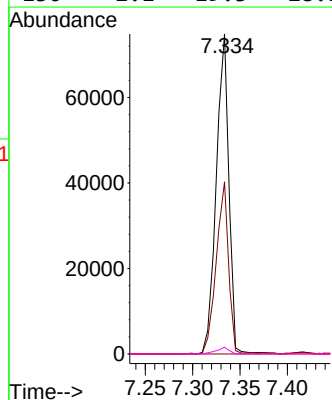
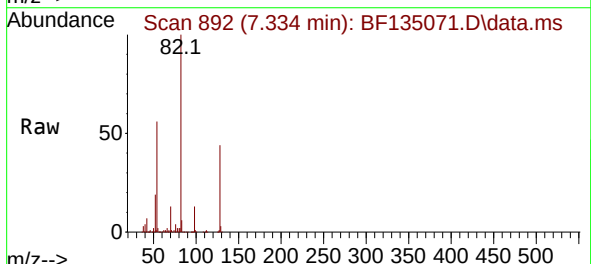
Instrument :
BNA_F
ClientSampleId :
DEBRIS-CONCRETE-COMP

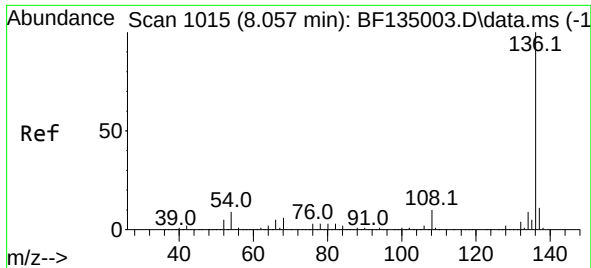
Tgt Ion: 99 Resp: 427913
Ion Ratio Lower Upper
99 100
42 20.5 16.6 25.0
71 34.8 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 14.471 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.135 min
Lab File: BF135071.D
Acq: 01 Sep 2023 12:28

Tgt Ion: 70 Resp: 69620
Ion Ratio Lower Upper
70 100
42 53.8 50.2 75.4
101 0.0 8.1 12.1#
130 2.1 19.3 28.9#

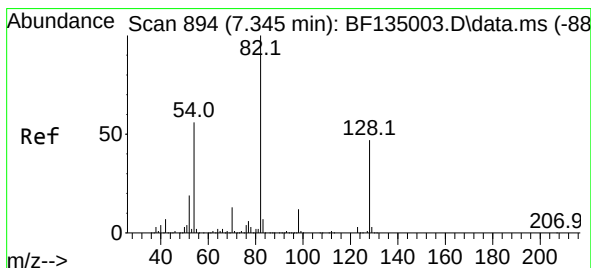
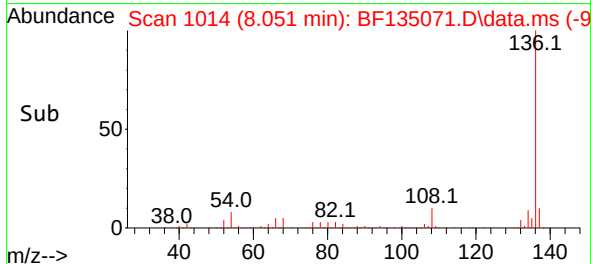
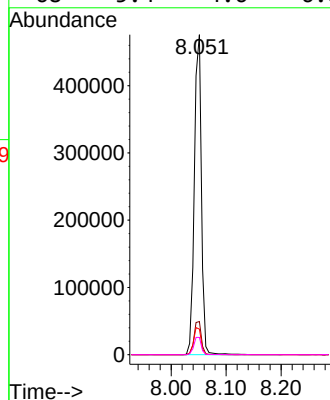
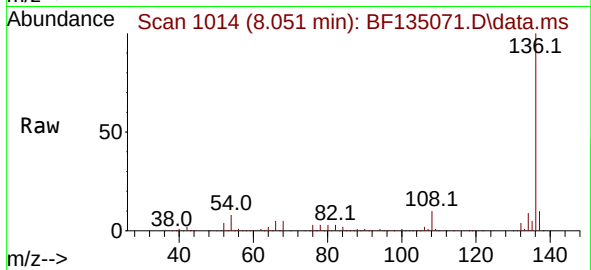




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF135071.D
Acq: 01 Sep 2023 12:28

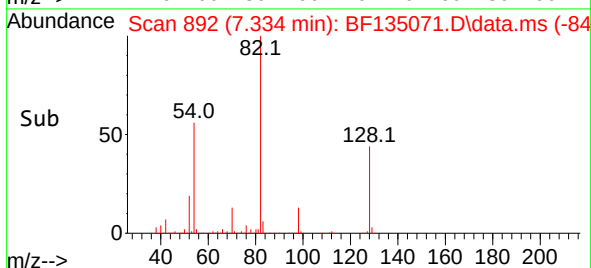
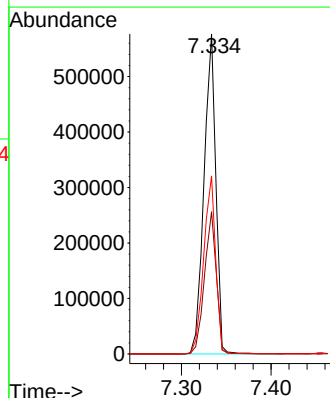
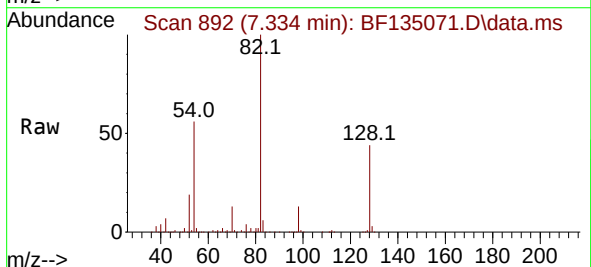
Instrument :
BNA_F
ClientSampleId :
DEBRIS-CONCRETE-COMP

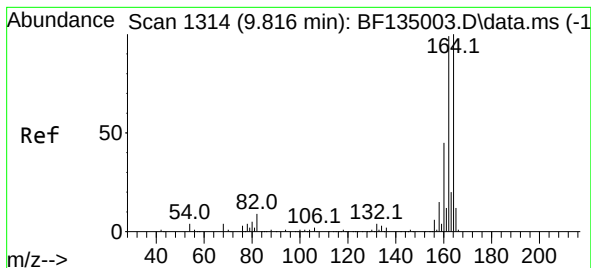
Tgt Ion:136 Resp: 421877
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 8.0 7.0 10.4
68 5.4 4.6 6.8



#23
Nitrobenzene-d5
Concen: 70.495 ng
RT: 7.334 min Scan# 892
Delta R.T. -0.012 min
Lab File: BF135071.D
Acq: 01 Sep 2023 12:28

Tgt Ion: 82 Resp: 529364
Ion Ratio Lower Upper
82 100
128 44.5 37.8 56.8
54 55.6 45.0 67.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.804 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF135071.D

Acq: 01 Sep 2023 12:28

Instrument :

BNA_F

ClientSampleId :

DEBRIS-CONCRETE-COMP

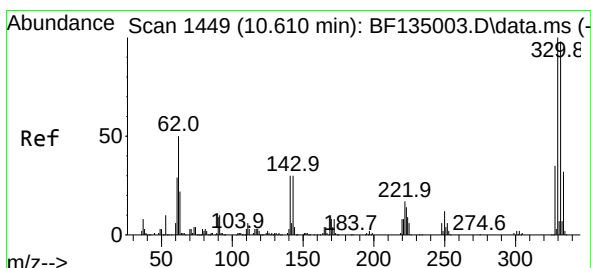
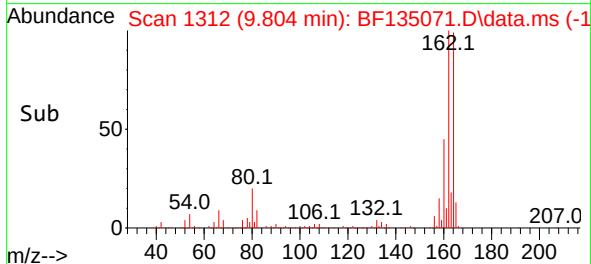
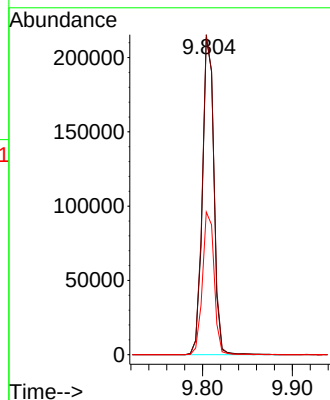
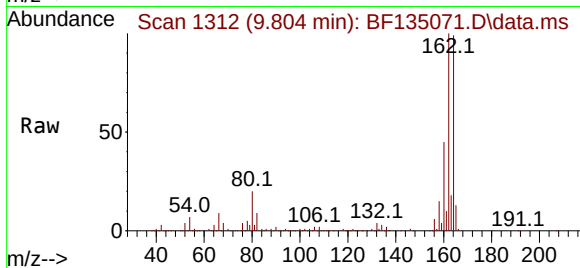
Tgt Ion:164 Resp: 188951

Ion Ratio Lower Upper

164 100

162 100.9 79.5 119.3

160 45.0 36.0 54.0



#42

2,4,6-Tribromophenol

Concen: 25.858 ng

RT: 10.598 min Scan# 1447

Delta R.T. -0.012 min

Lab File: BF135071.D

Acq: 01 Sep 2023 12:28

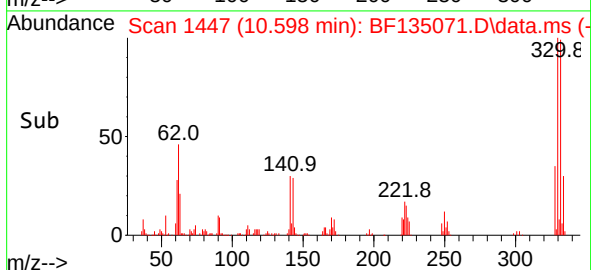
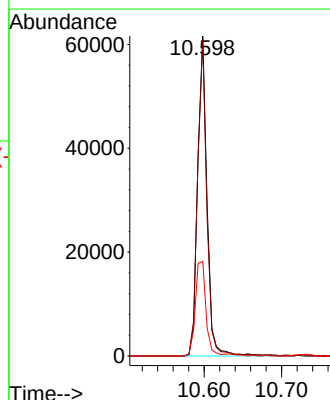
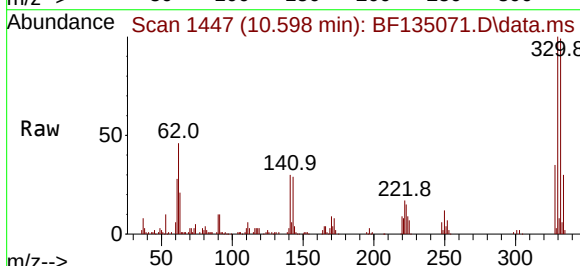
Tgt Ion:330 Resp: 51830

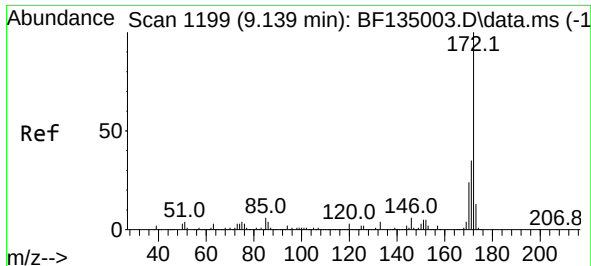
Ion Ratio Lower Upper

330 100

332 97.4 77.6 116.4

141 34.3 26.3 39.5

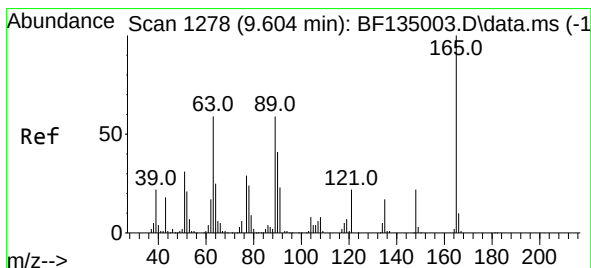
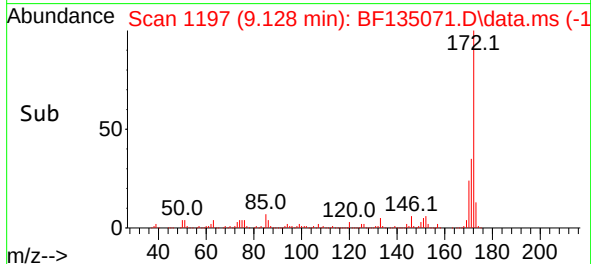
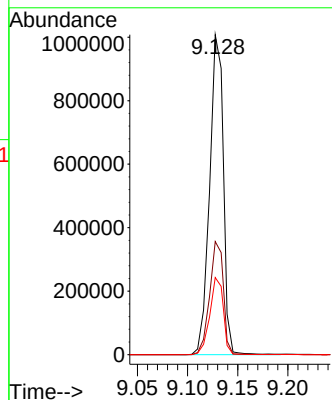
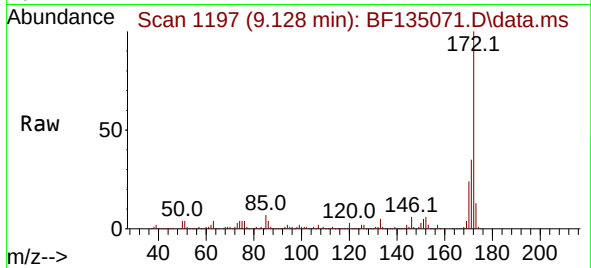




#45
2-Fluorobiphenyl
Concen: 83.223 ng
RT: 9.128 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF135071.D
Acq: 01 Sep 2023 12:28

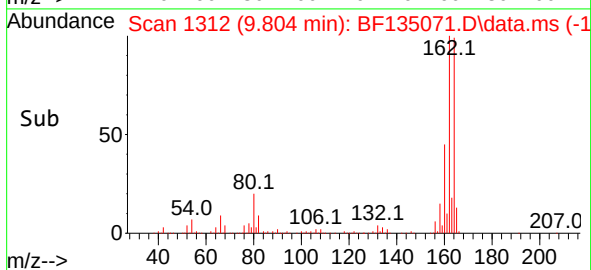
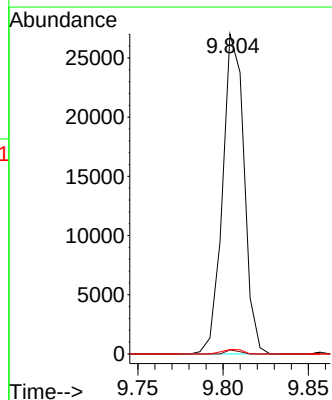
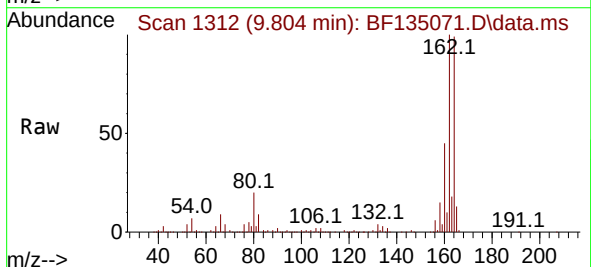
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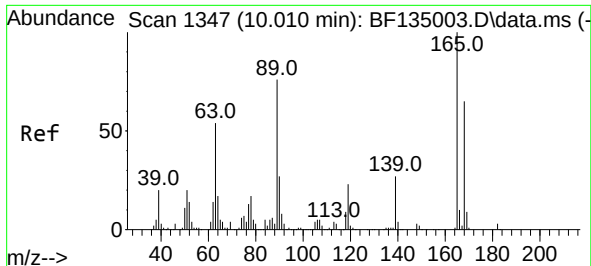
Tgt Ion:172 Resp: 965855
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.2
170 24.1 19.0 28.4



#51
2,6-Dinitrotoluene
Concen: 8.159 ng
RT: 9.804 min Scan# 1312
Delta R.T. 0.200 min
Lab File: BF135071.D
Acq: 01 Sep 2023 12:28

Tgt Ion:165 Resp: 23686
Ion Ratio Lower Upper
165 100
63 1.2 50.4 75.6#
89 1.4 47.1 70.7#

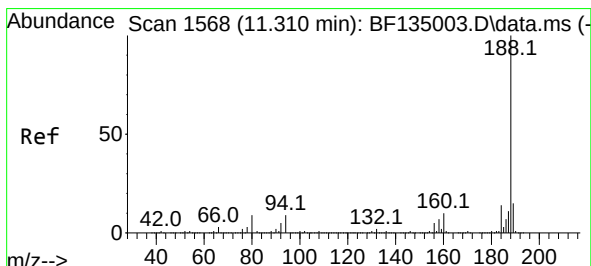
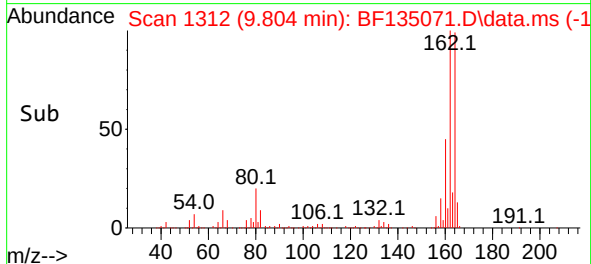
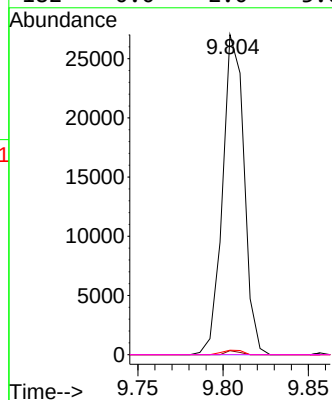
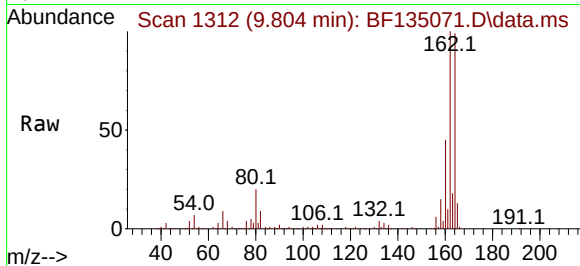




#57
2,4-Dinitrotoluene
Concen: 6.547 ng
RT: 9.804 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF135071.D
Acq: 01 Sep 2023 12:28

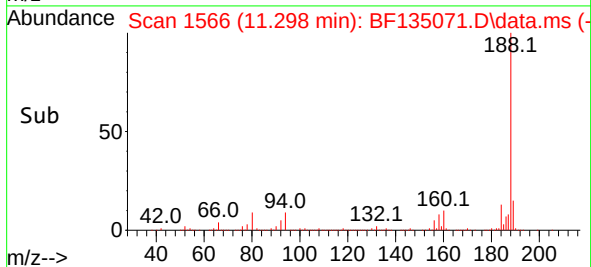
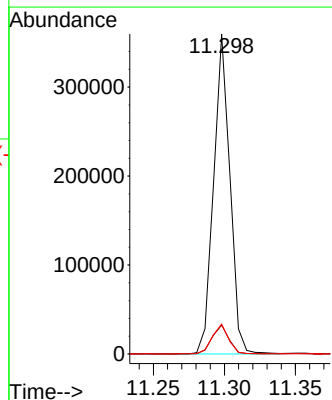
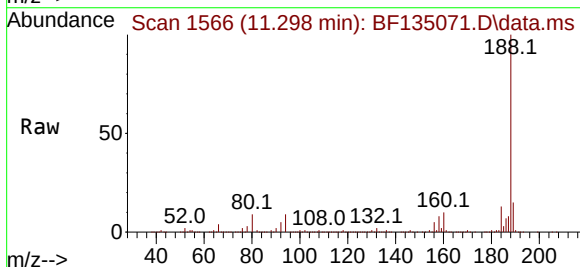
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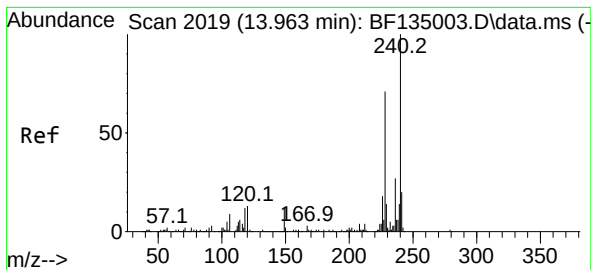
Tgt Ion:165 Resp: 23686
Ion Ratio Lower Upper
165 100
63 1.2 43.2 64.8#
89 1.4 60.8 91.2#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1566
Delta R.T. -0.012 min
Lab File: BF135071.D
Acq: 01 Sep 2023 12:28

Tgt Ion:188 Resp: 287592
Ion Ratio Lower Upper
188 100
94 9.0 7.0 10.4
80 9.4 7.4 11.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.957 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF135071.D

Acq: 01 Sep 2023 12:28

Instrument :

BNA_F

ClientSampleId :

DEBRIS-CONCRETE-COMP

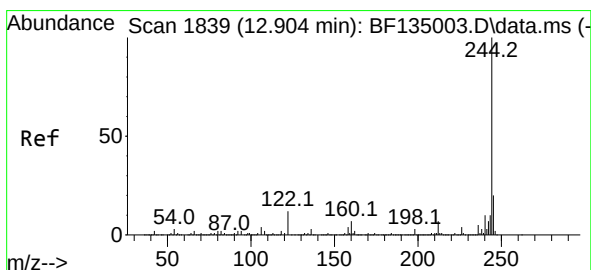
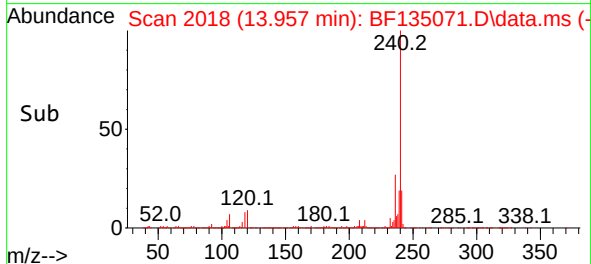
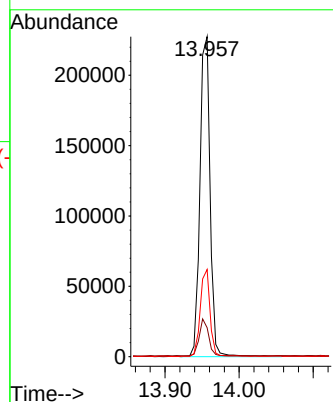
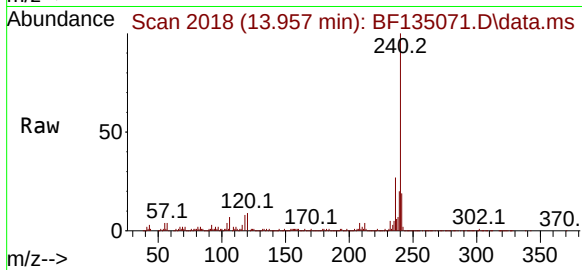
Tgt Ion:240 Resp: 215718

Ion Ratio Lower Upper

240 100

120 9.1 10.2 15.2#

236 27.2 21.3 31.9



#79

Terphenyl-d14

Concen: 58.706 ng

RT: 12.898 min Scan# 1838

Delta R.T. -0.006 min

Lab File: BF135071.D

Acq: 01 Sep 2023 12:28

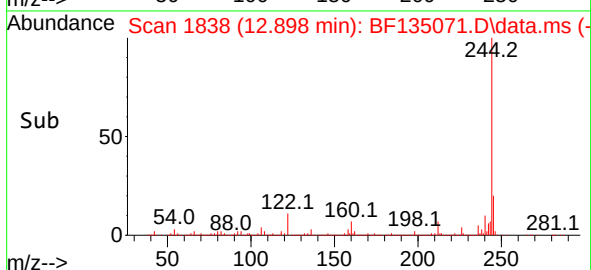
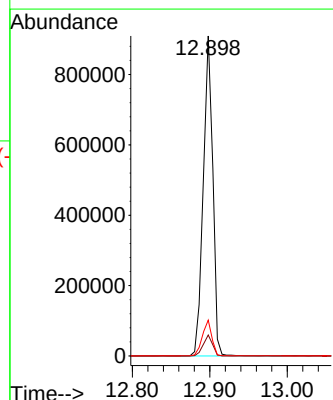
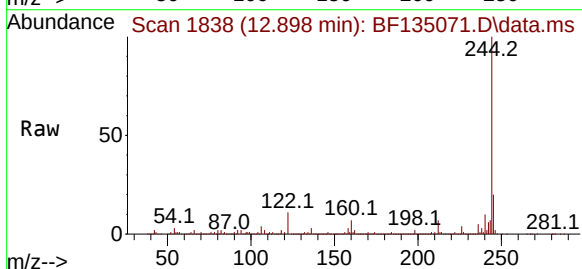
Tgt Ion:244 Resp: 776023

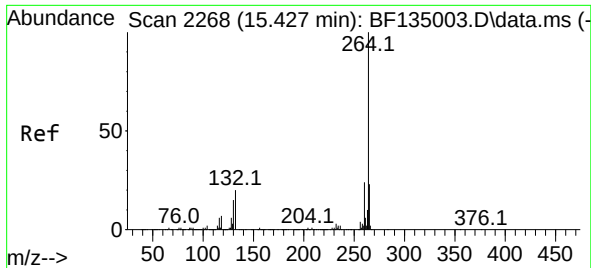
Ion Ratio Lower Upper

244 100

212 6.5 5.6 8.4

122 11.2 9.8 14.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF135071.D
 Acq: 01 Sep 2023 12:28

Instrument :
 BNA_F
 ClientSampleId :
 DEBRIS-CONCRETE-COMP

Tgt Ion:264 Resp: 216725
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.0 28.6
 265 21.2 18.2 27.2

