

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050823\
 Data File : BF133298.D
 Acq On : 08 May 2023 16:57
 Operator : CG\JU
 Sample : 02659-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DGA-CRUSHED-STONE

Quant Time: May 09 05:06:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 09 04:59:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	186597	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	756239	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	383932	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	657453	20.000	ng	# 0.00
76) Chrysene-d12	13.868	240	336697	20.000	ng	-0.01
86) Perylene-d12	15.286	264	355198	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1047746	84.821	ng	0.00
7) Phenol-d6	6.363	99	1287009	83.943	ng	0.00
23) Nitrobenzene-d5	7.286	82	771510	55.067	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	224960	58.262	ng	0.00
45) 2-Fluorobiphenyl	9.080	172	1459946	63.618	ng	0.00
79) Terphenyl-d14	12.821	244	1374726	70.418	ng	-0.01

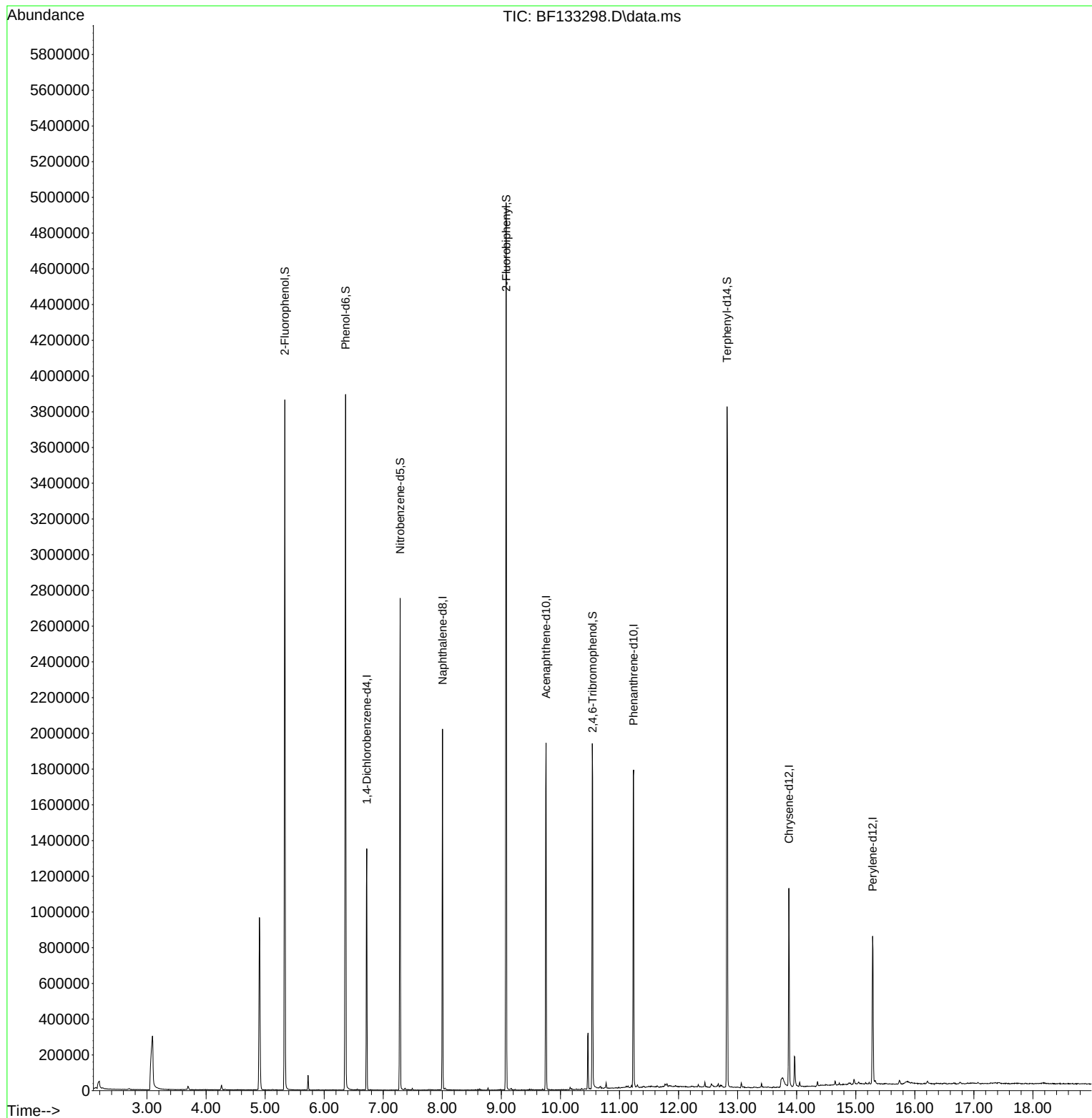
Target Compounds	Qvalue

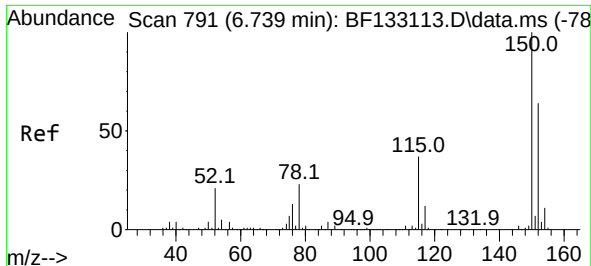
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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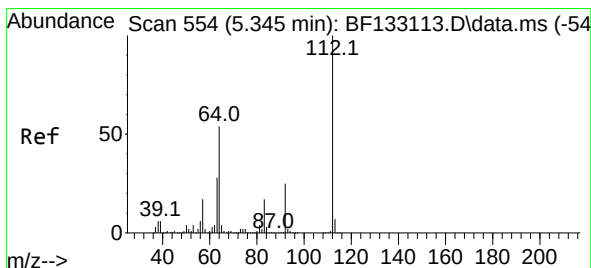
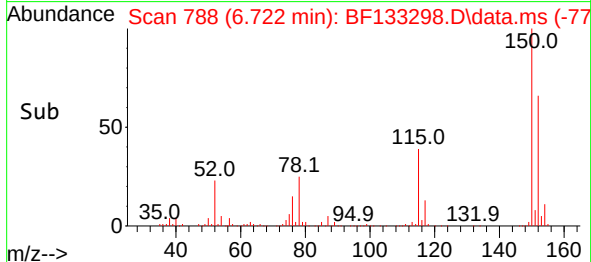
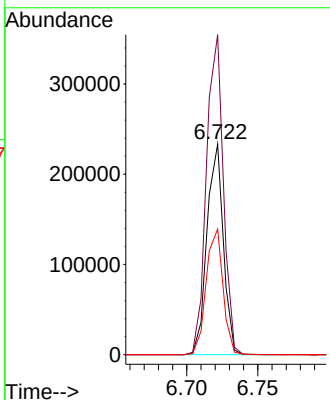
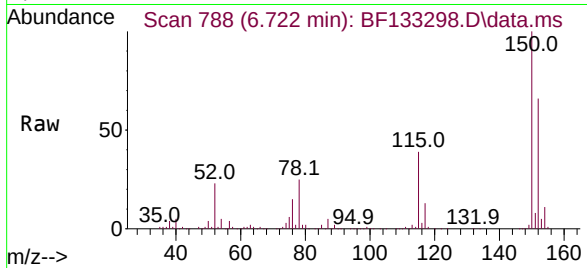




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 791
Delta R.T. -0.000 min
Lab File: BF133298.D
Acq: 08 May 2023 16:57

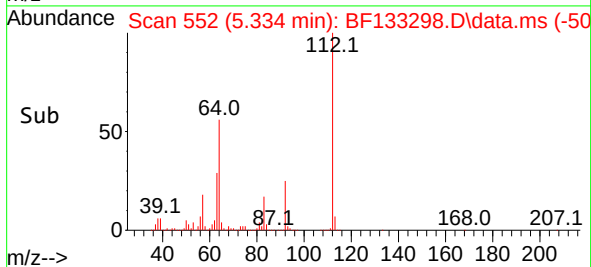
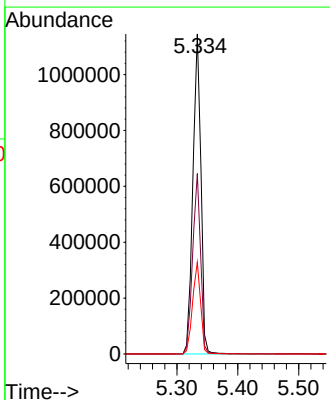
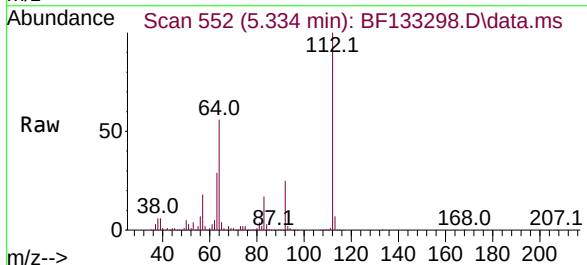
Instrument :
BNA_F
ClientSampleId :
DGA-CRUSHED-STONE

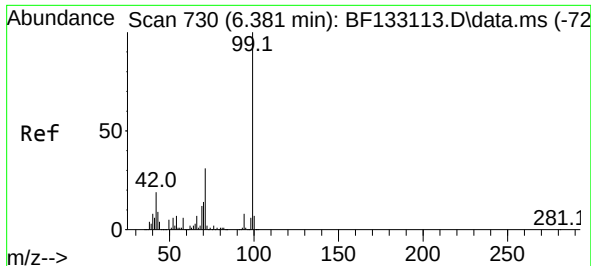
Tgt Ion:152 Resp: 186597
Ion Ratio Lower Upper
152 100
150 152.0 124.8 187.2
115 59.7 49.9 74.9



#5
2-Fluorophenol
Concen: 84.821 ng
RT: 5.334 min Scan# 552
Delta R.T. 0.006 min
Lab File: BF133298.D
Acq: 08 May 2023 16:57

Tgt Ion:112 Resp: 1047746
Ion Ratio Lower Upper
112 100
64 56.4 46.8 70.2
63 28.7 23.8 35.8

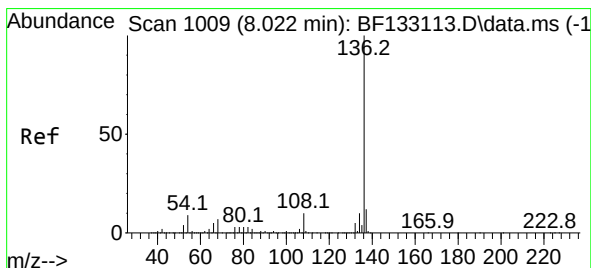
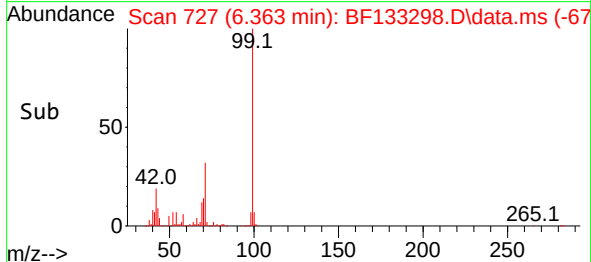
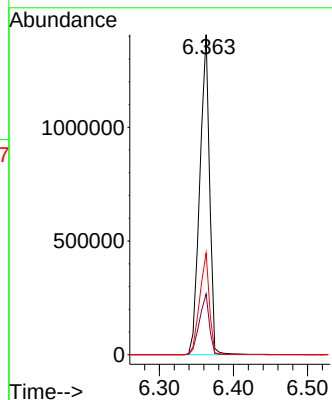
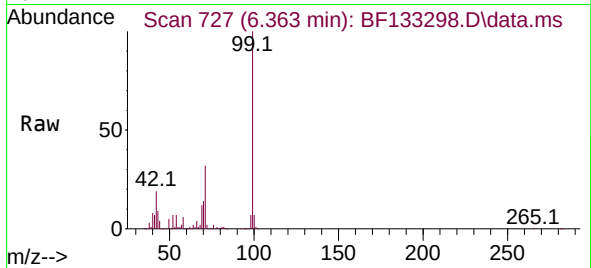




#7
Phenol-d6
Concen: 83.943 ng
RT: 6.363 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133298.D
Acq: 08 May 2023 16:57

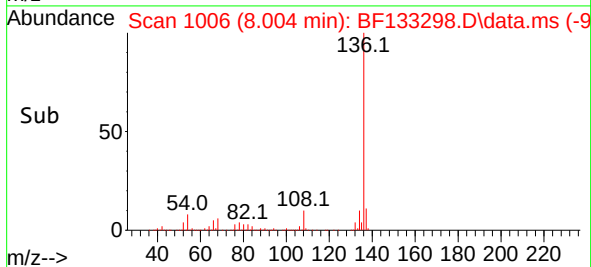
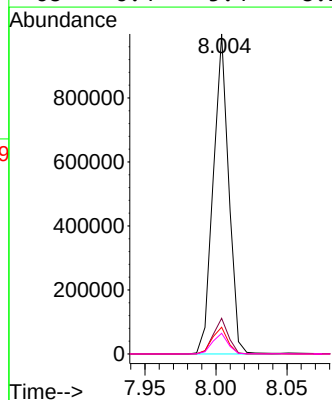
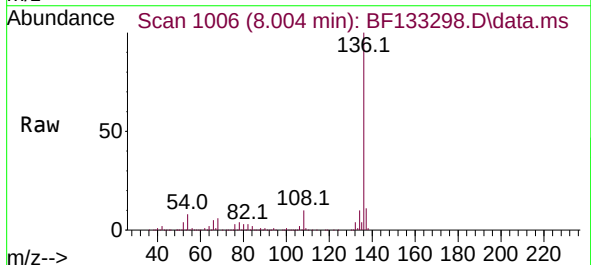
Instrument :
BNA_F
ClientSampleId :
DGA-CRUSHED-STONE

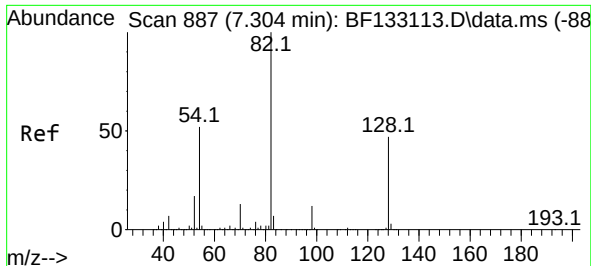
Tgt Ion: 99 Resp: 1287009
Ion Ratio Lower Upper
99 100
42 19.0 16.3 24.5
71 31.7 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF133298.D
Acq: 08 May 2023 16:57

Tgt Ion: 136 Resp: 756239
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 8.4 7.0 10.4
68 6.4 5.4 8.2

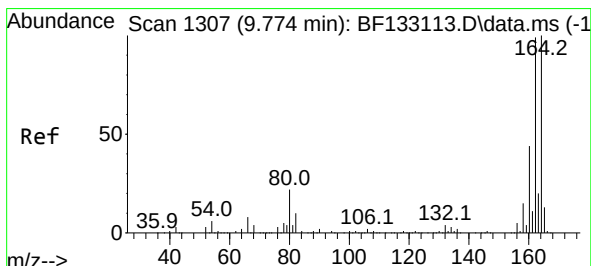
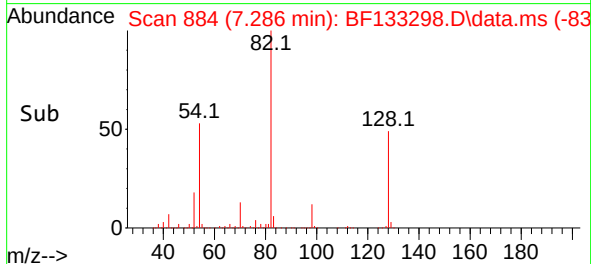
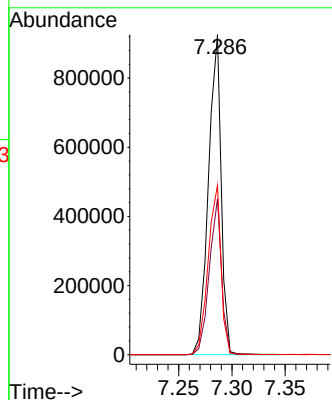
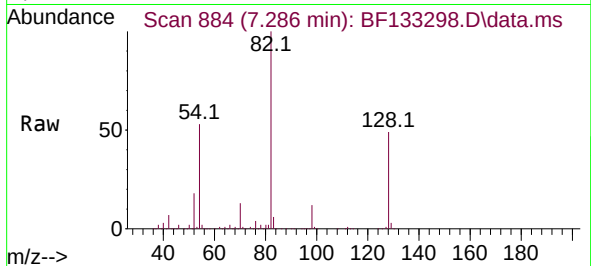




#23
Nitrobenzene-d5
Concen: 55.067 ng
RT: 7.286 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF133298.D
Acq: 08 May 2023 16:57

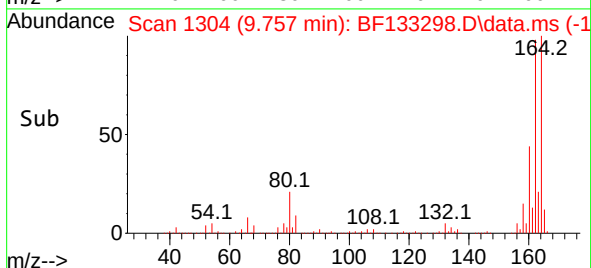
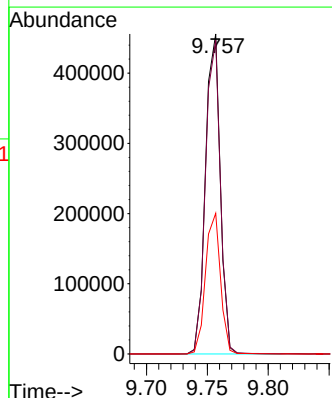
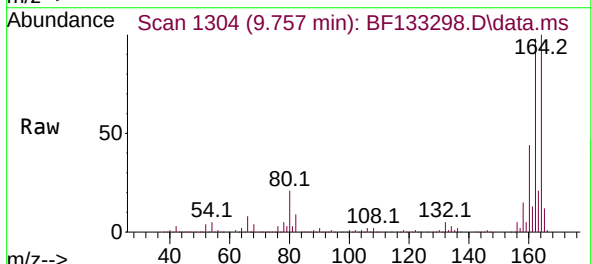
Instrument :
BNA_F
ClientSampleId :
DGA-CRUSHED-STONE

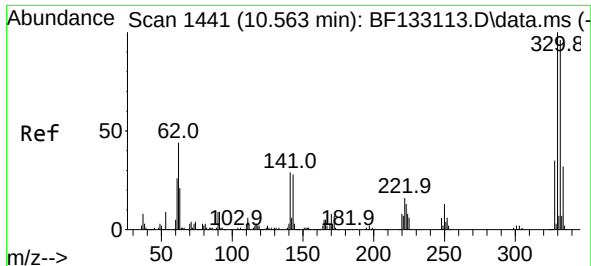
Tgt Ion: 82 Resp: 771510
Ion Ratio Lower Upper
82 100
128 48.7 37.7 56.5
54 52.9 43.0 64.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF133298.D
Acq: 08 May 2023 16:57

Tgt Ion: 164 Resp: 383932
Ion Ratio Lower Upper
164 100
162 98.0 78.7 118.1
160 43.9 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 58.262 ng

RT: 10.545 min Scan# 1441

Delta R.T. -0.006 min

Lab File: BF133298.D

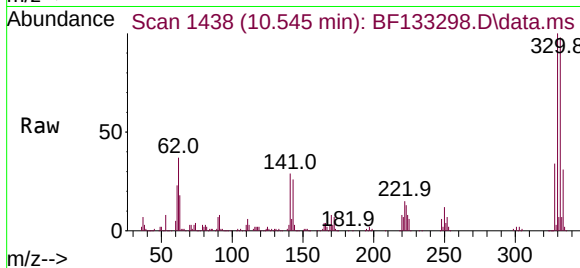
Acq: 08 May 2023 16:57

Instrument :

BNA_F

ClientSampleId :

DGA-CRUSHED-STONE



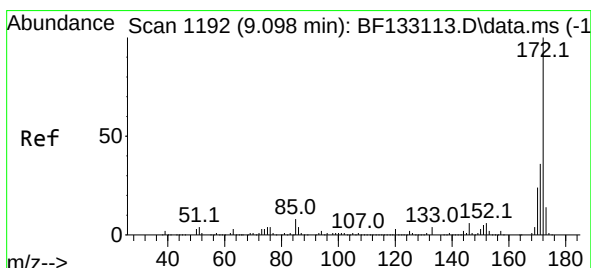
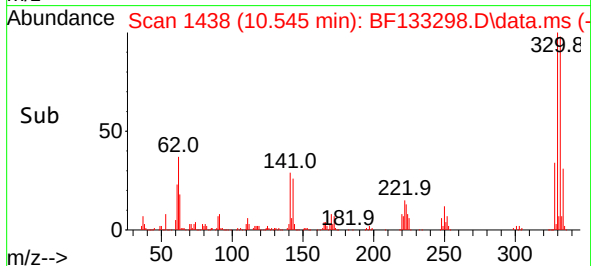
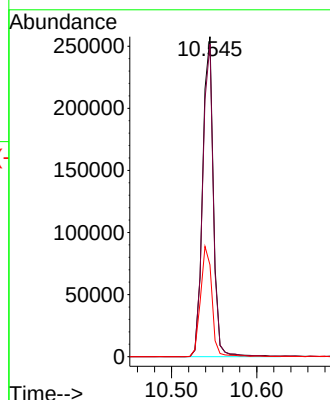
Tgt Ion:330 Resp: 224960

Ion Ratio Lower Upper

330 100

332 97.1 77.1 115.7

141 36.8 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 63.618 ng

RT: 9.080 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BF133298.D

Acq: 08 May 2023 16:57

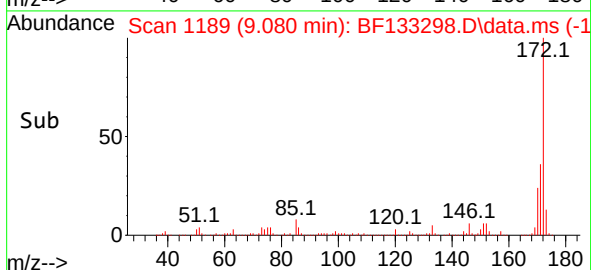
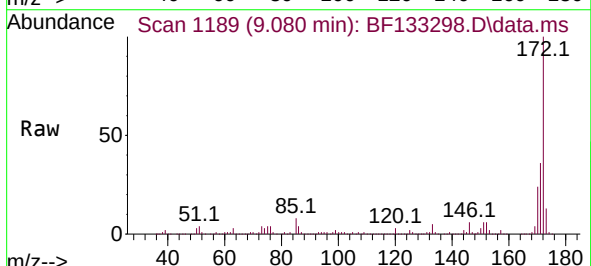
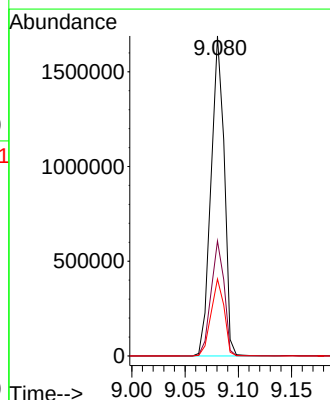
Tgt Ion:172 Resp: 1459946

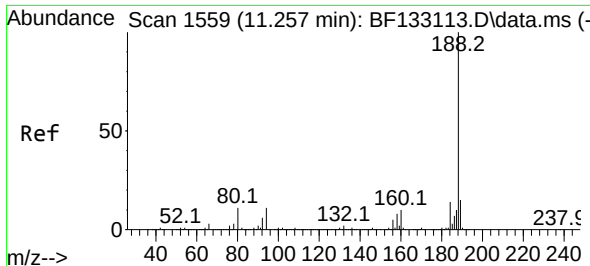
Ion Ratio Lower Upper

172 100

171 36.0 28.8 43.2

170 24.1 19.4 29.2

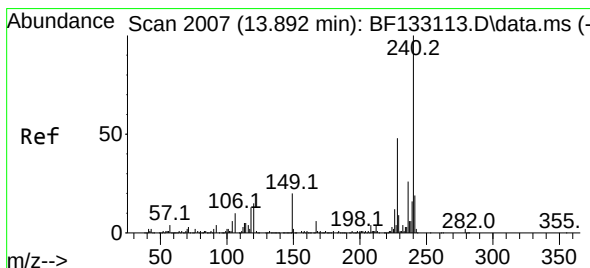
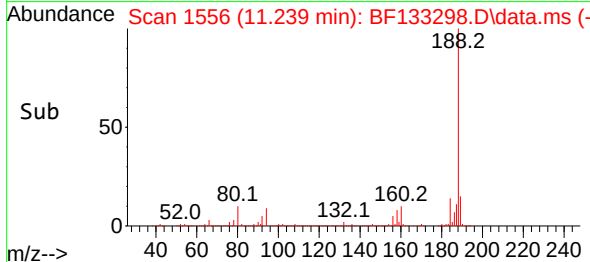
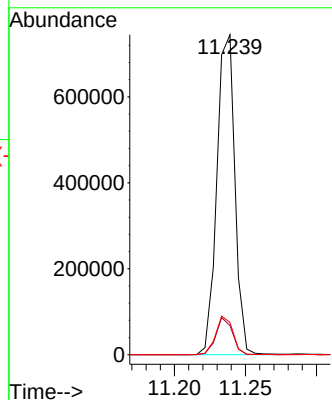
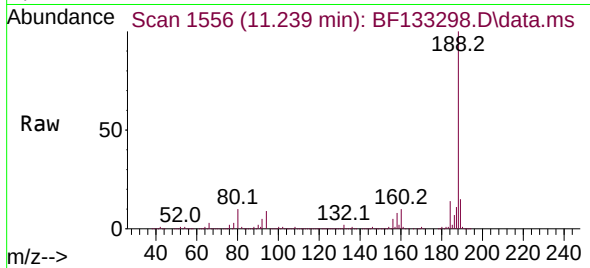




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133298.D
Acq: 08 May 2023 16:57

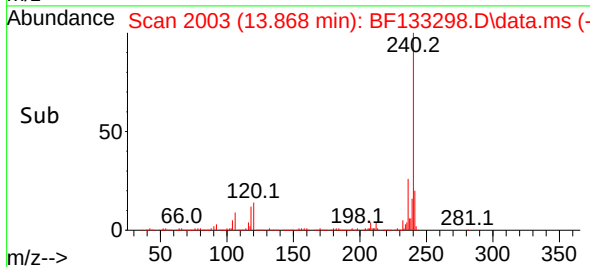
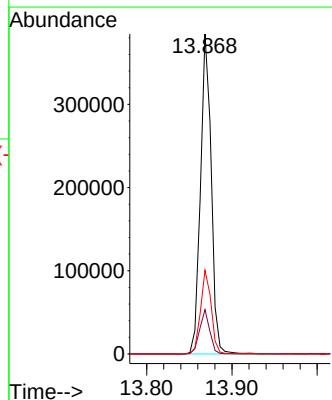
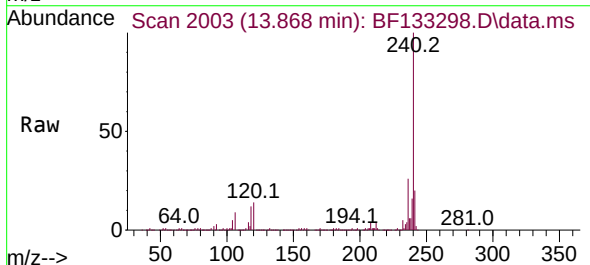
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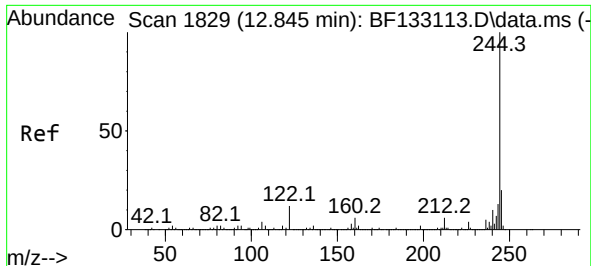
Tgt Ion:188 Resp: 657453
Ion Ratio Lower Upper
188 100
94 9.1 9.7 14.5#
80 10.1 10.4 15.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.868 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF133298.D
Acq: 08 May 2023 16:57

Tgt Ion:240 Resp: 336697
Ion Ratio Lower Upper
240 100
120 13.9 10.5 15.7
236 26.1 21.5 32.3

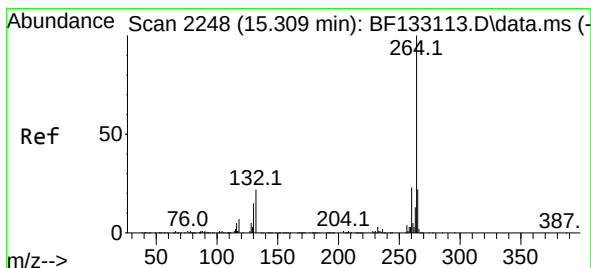
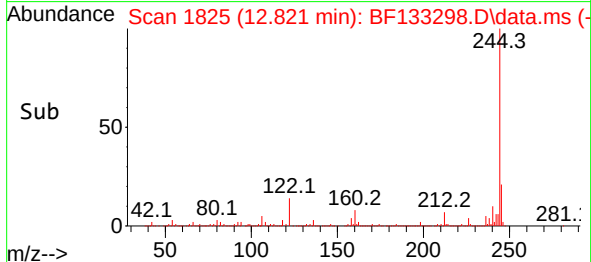
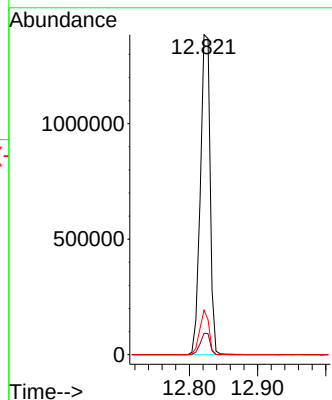
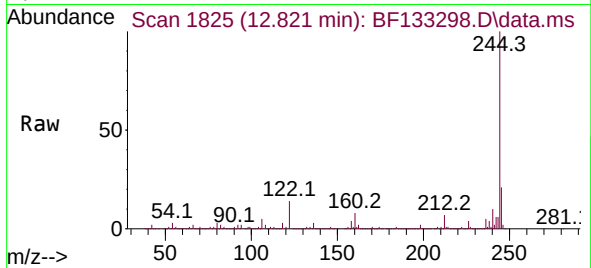




#79
Terphenyl-d14
Concen: 70.418 ng
RT: 12.821 min Scan# 1825
Delta R.T. -0.012 min
Lab File: BF133298.D
Acq: 08 May 2023 16:57

Instrument :
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ClientSampleId :
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Tgt Ion:244 Resp: 1374726
Ion Ratio Lower Upper
244 100
212 6.7 5.1 7.7
122 13.9 8.6 13.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.286 min Scan# 2244
Delta R.T. -0.006 min
Lab File: BF133298.D
Acq: 08 May 2023 16:57

Tgt Ion:264 Resp: 355198
Ion Ratio Lower Upper
264 100
260 23.8 18.8 28.2
265 21.3 17.0 25.4

