

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092823\
 Data File : BF135500.D
 Acq On : 28 Sep 2023 18:38
 Operator : CG\JU
 Sample : 04620-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STONE-IN

Quant Time: Sep 29 00:25:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 28 19:03:19 2023
 Response via : Initial Calibration

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

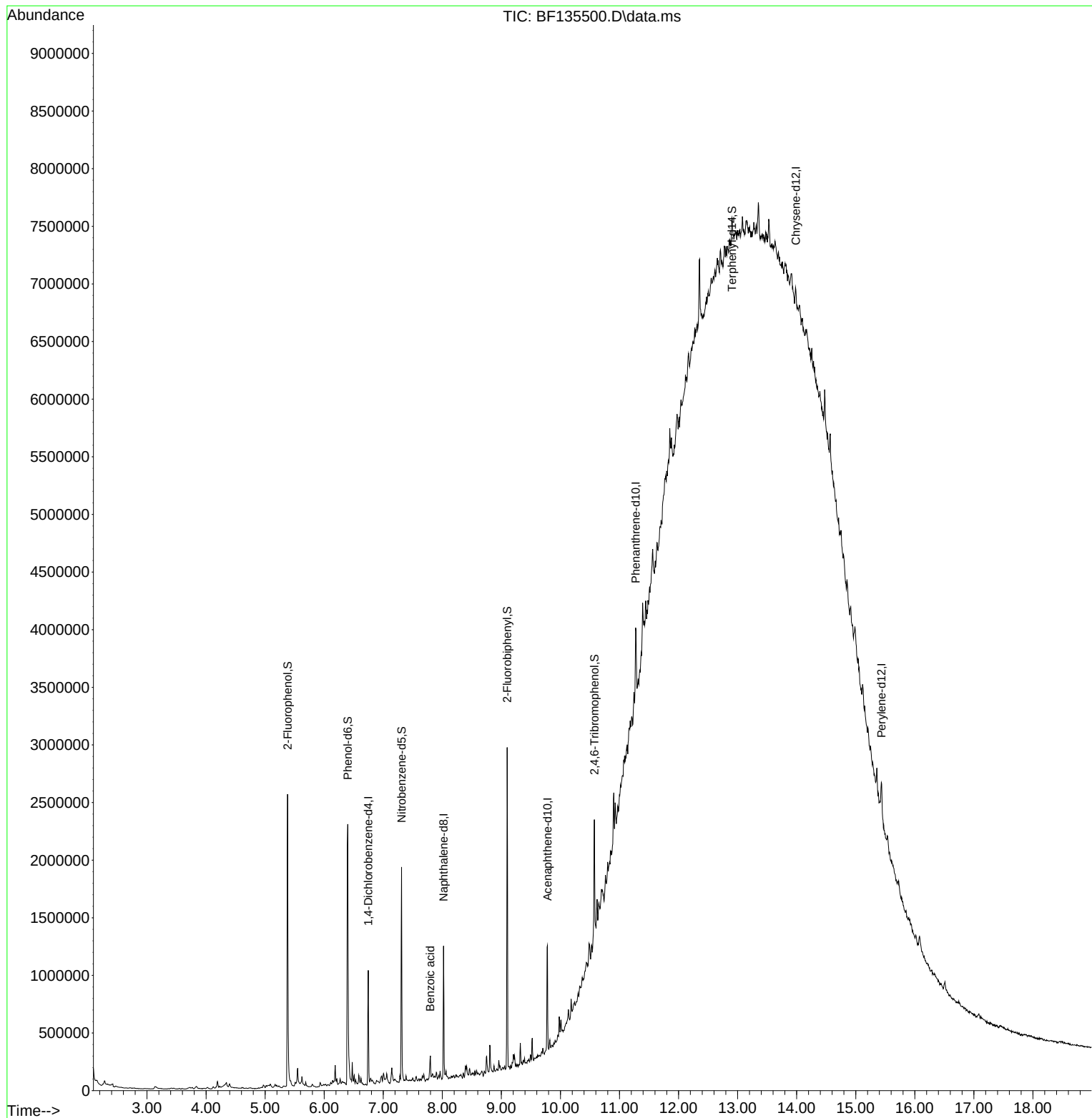
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	132138	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	454086	20.000	ng	0.00
39) Acenaphthene-d10	9.780	164	183647	20.000	ng	0.00
64) Phenanthrene-d10	11.274	188	252779	20.000	ng	# 0.00
76) Chrysene-d12	13.986	240	117741	20.000	ng	# 0.06
86) Perylene-d12	15.433	264	169208	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	723278	89.026	ng	0.00
7) Phenol-d6	6.398	99	871700	84.381	ng	0.00
23) Nitrobenzene-d5	7.310	82	509685	60.982	ng	0.00
42) 2,4,6-Tribromophenol	10.574	330	147312	80.719	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	801958	65.884	ng	0.00
79) Terphenyl-d14	12.904	244	394299	51.914	ng	0.04
Target Compounds						
32) Benzoic acid	7.798	122	32031	6.383	ng	Qvalue 97

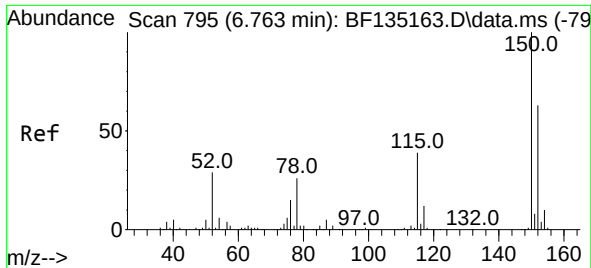
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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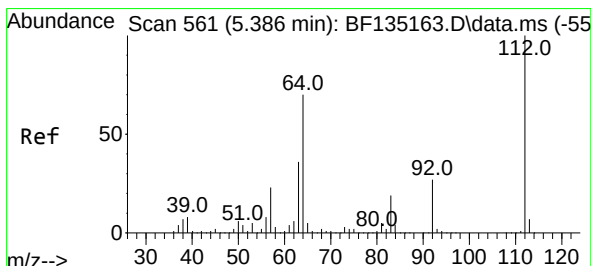
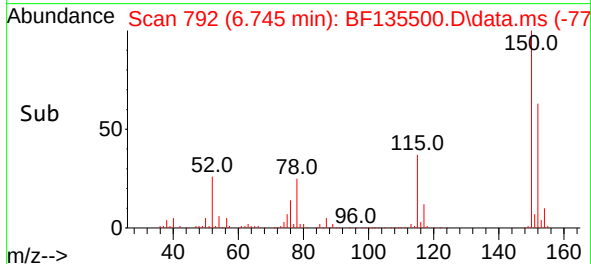
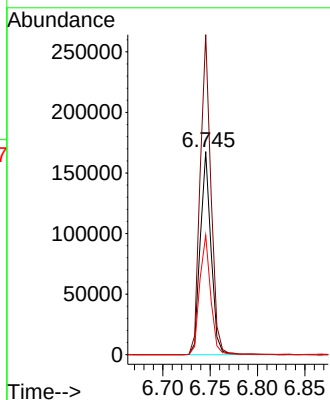
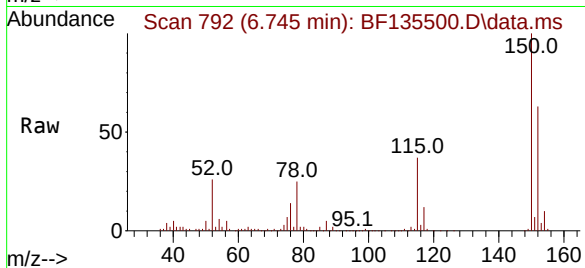




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.745 min Scan# 795
Delta R.T. -0.001 min
Lab File: BF135500.D
Acq: 28 Sep 2023 18:38

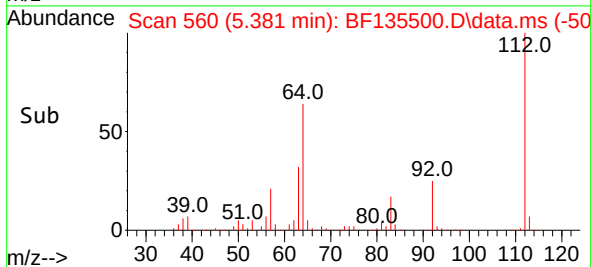
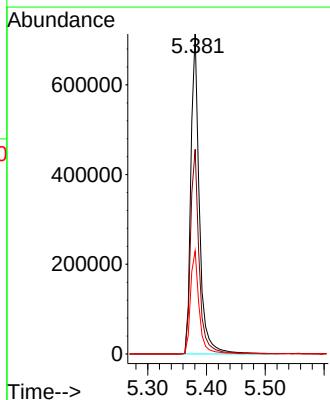
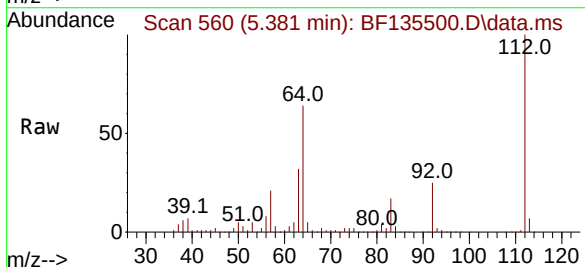
Instrument :
BNA_F
ClientSampleId :
STONE-IN

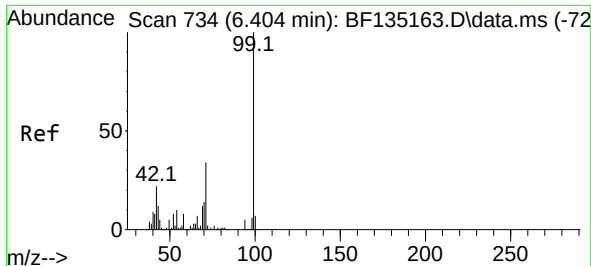
Tgt Ion:152 Resp: 132138
Ion Ratio Lower Upper
152 100
150 157.6 127.8 191.6
115 58.9 49.8 74.8



#5
2-Fluorophenol
Concen: 89.026 ng
RT: 5.381 min Scan# 560
Delta R.T. 0.006 min
Lab File: BF135500.D
Acq: 28 Sep 2023 18:38

Tgt Ion:112 Resp: 723278
Ion Ratio Lower Upper
112 100
64 63.9 55.9 83.9
63 32.2 29.0 43.6

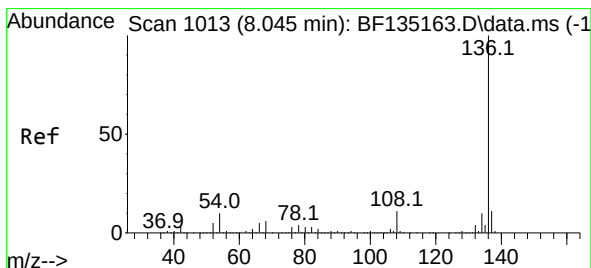
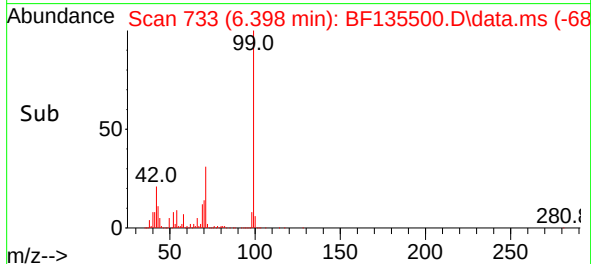
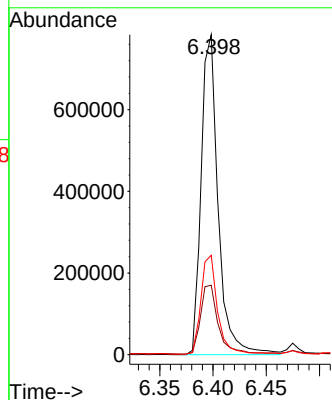
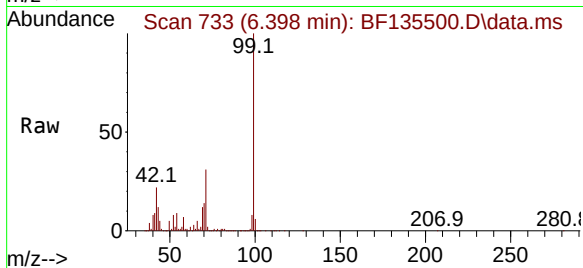




#7
Phenol-d6
Concen: 84.381 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF135500.D
Acq: 28 Sep 2023 18:38

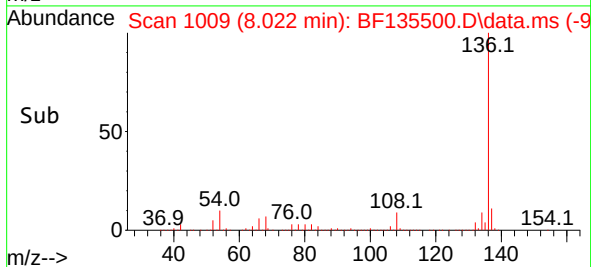
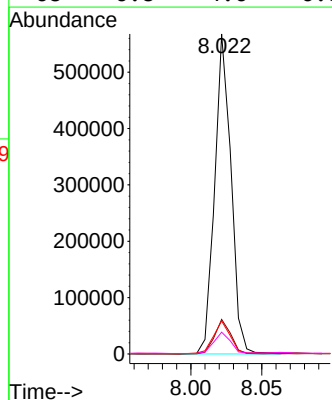
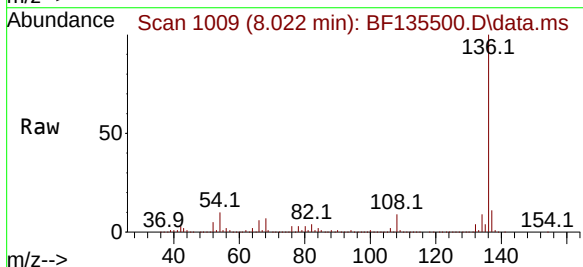
Instrument :
BNA_F
ClientSampleId :
STONE-IN

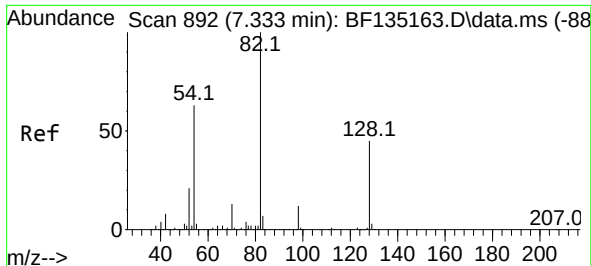
Tgt Ion: 99 Resp: 871700
Ion Ratio Lower Upper
99 100
42 21.7 17.9 26.9
71 31.1 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF135500.D
Acq: 28 Sep 2023 18:38

Tgt Ion: 136 Resp: 454086
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 10.3 7.7 11.5
68 6.8 4.6 6.8





#23

Nitrobenzene-d5

Concen: 60.982 ng

RT: 7.310 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF135500.D

Acq: 28 Sep 2023 18:38

Instrument :

BNA_F

ClientSampleId :

STONE-IN

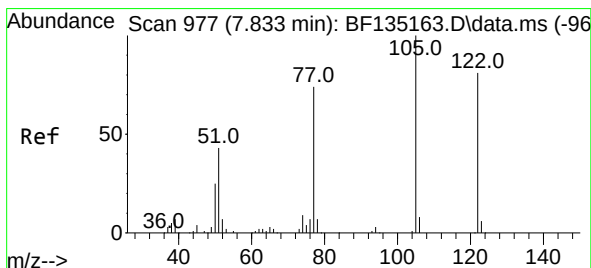
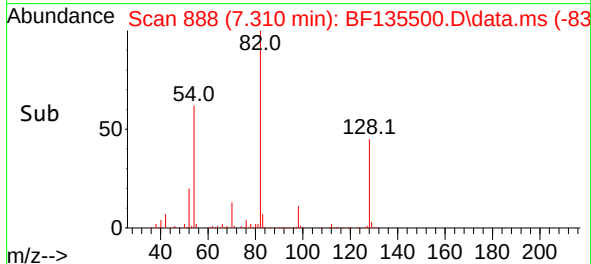
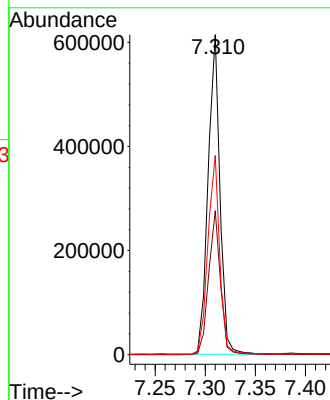
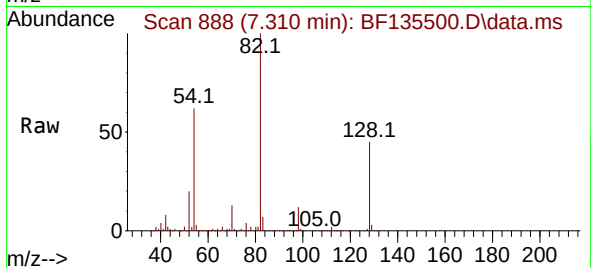
Tgt Ion: 82 Resp: 509685

Ion Ratio Lower Upper

82 100

128 45.0 35.8 53.6

54 62.3 50.6 76.0



#32

Benzoic acid

Concen: 6.383 ng

RT: 7.798 min Scan# 971

Delta R.T. -0.030 min

Lab File: BF135500.D

Acq: 28 Sep 2023 18:38

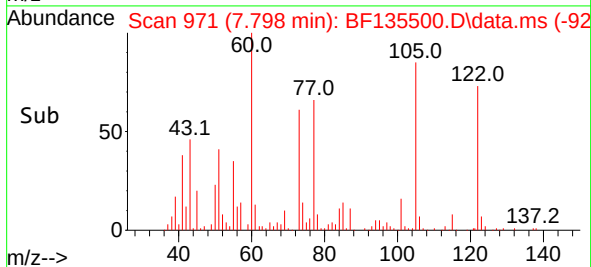
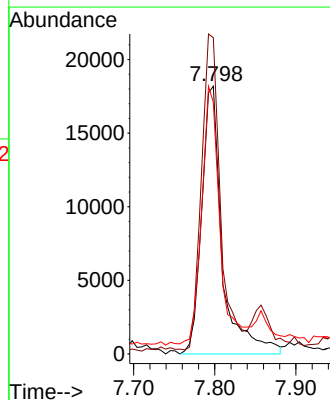
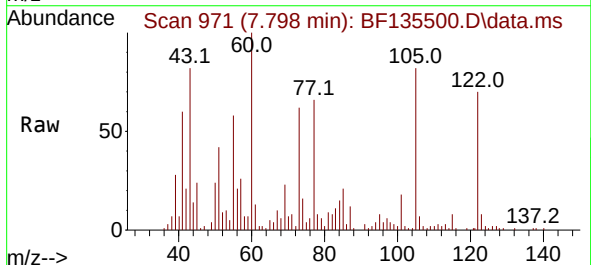
Tgt Ion: 122 Resp: 32031

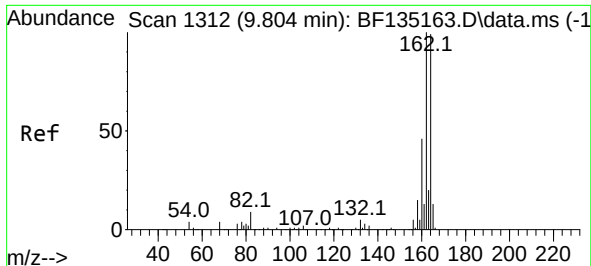
Ion Ratio Lower Upper

122 100

105 118.2 99.9 139.9

77 94.1 70.0 110.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.780 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF135500.D

Acq: 28 Sep 2023 18:38

Instrument :

BNA_F

ClientSampleId :

STONE-IN

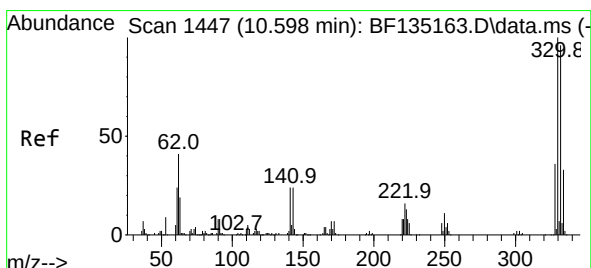
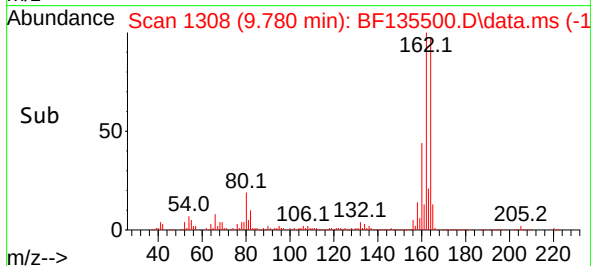
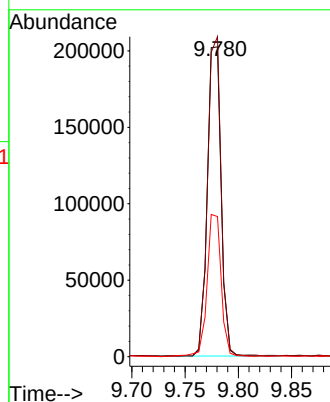
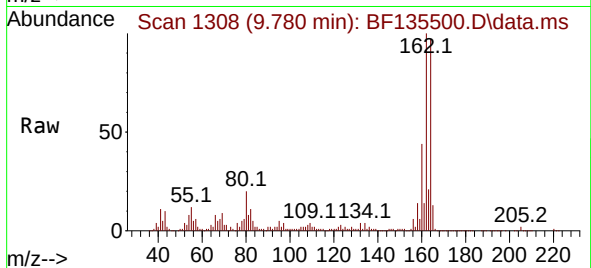
Tgt Ion:164 Resp: 183647

Ion Ratio Lower Upper

164 100

162 103.3 81.0 121.4

160 45.3 37.0 55.4



#42

2,4,6-Tribromophenol

Concen: 80.719 ng

RT: 10.574 min Scan# 1443

Delta R.T. -0.000 min

Lab File: BF135500.D

Acq: 28 Sep 2023 18:38

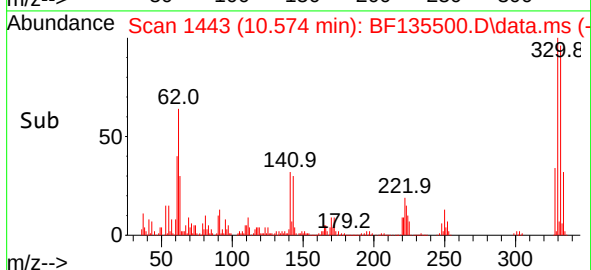
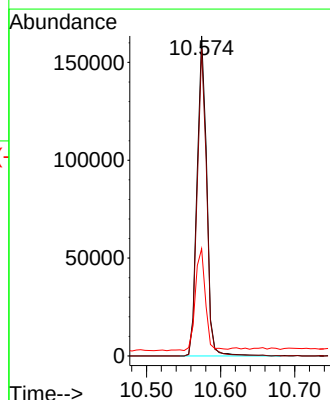
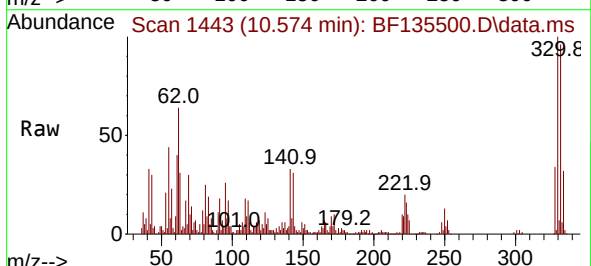
Tgt Ion:330 Resp: 147312

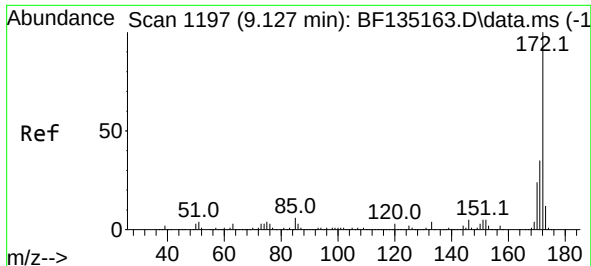
Ion Ratio Lower Upper

330 100

332 94.1 77.3 115.9

141 33.1 25.8 38.8

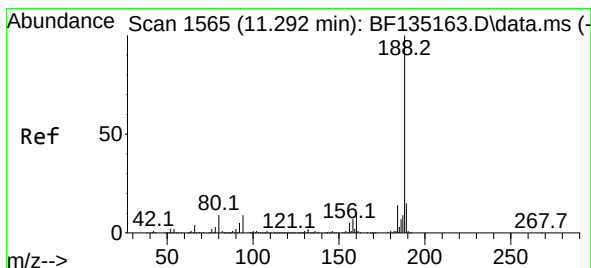
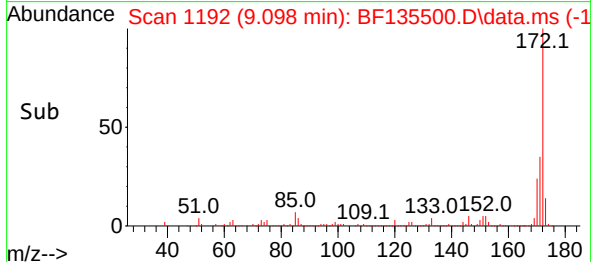
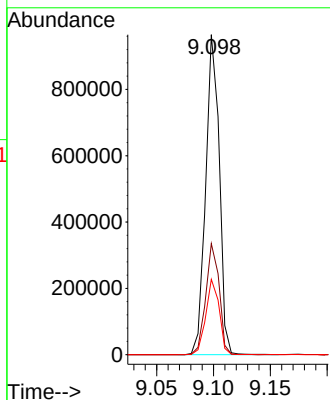
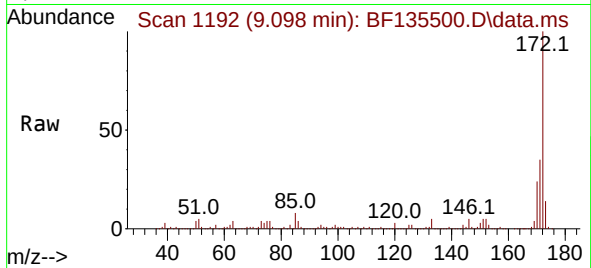




#45
2-Fluorobiphenyl
Concen: 65.884 ng
RT: 9.098 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BF135500.D
Acq: 28 Sep 2023 18:38

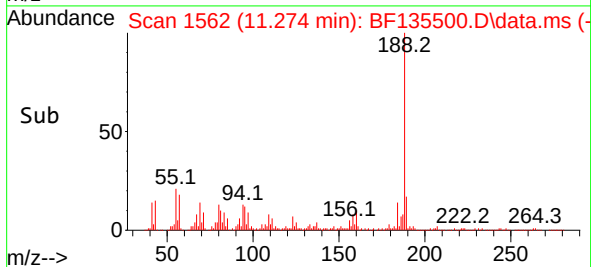
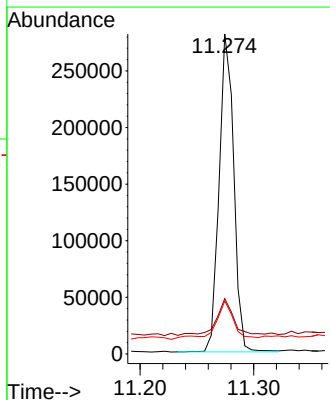
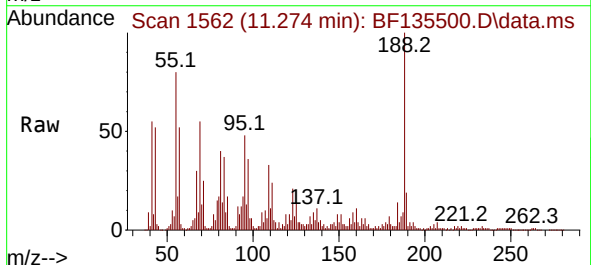
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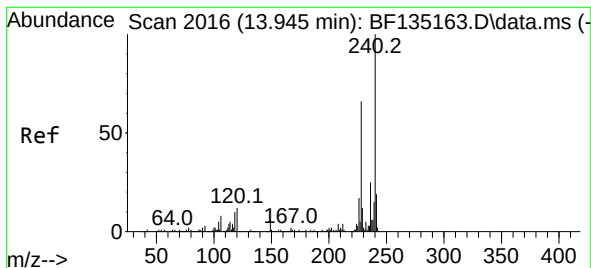
Tgt Ion:172 Resp: 801958
Ion Ratio Lower Upper
172 100
171 34.7 28.4 42.6
170 23.6 19.0 28.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.274 min Scan# 1562
Delta R.T. -0.000 min
Lab File: BF135500.D
Acq: 28 Sep 2023 18:38

Tgt Ion:188 Resp: 252779
Ion Ratio Lower Upper
188 100
94 17.3 7.0 10.6#
80 16.5 7.5 11.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.986 min Scan# 2016

Delta R.T. 0.059 min

Lab File: BF135500.D

Acq: 28 Sep 2023 18:38

Instrument :

BNA_F

ClientSampleId :

STONE-IN

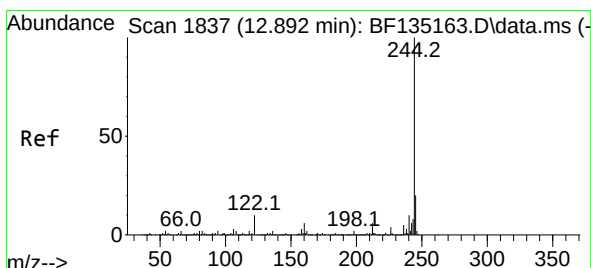
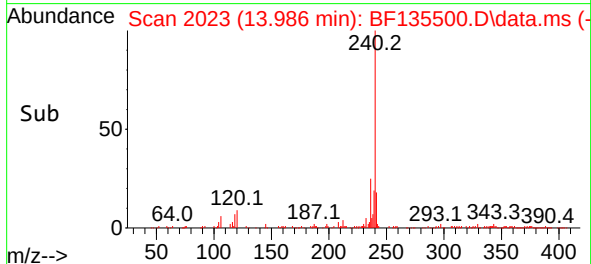
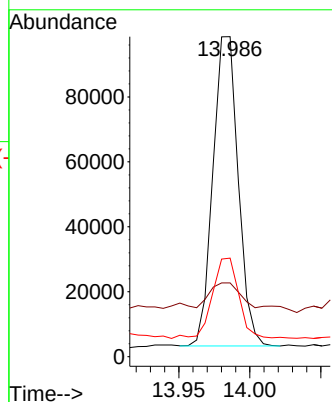
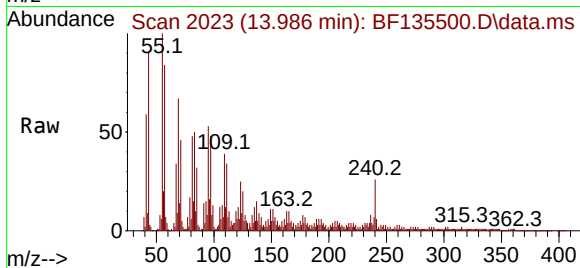
Tgt Ion:240 Resp: 117741

Ion Ratio Lower Upper

240 100

120 23.1 9.4 14.2#

236 30.8 19.8 29.8#



#79

Terphenyl-d14

Concen: 51.914 ng

RT: 12.904 min Scan# 1839

Delta R.T. 0.035 min

Lab File: BF135500.D

Acq: 28 Sep 2023 18:38

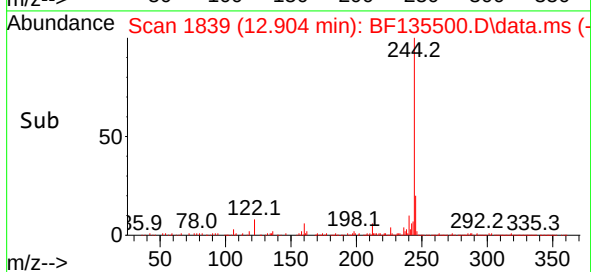
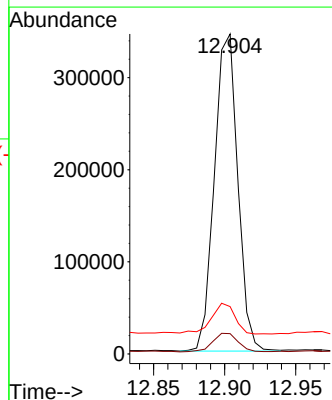
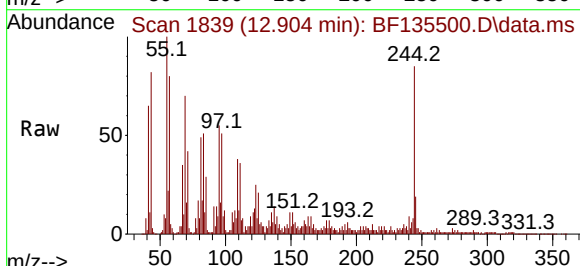
Tgt Ion:244 Resp: 394299

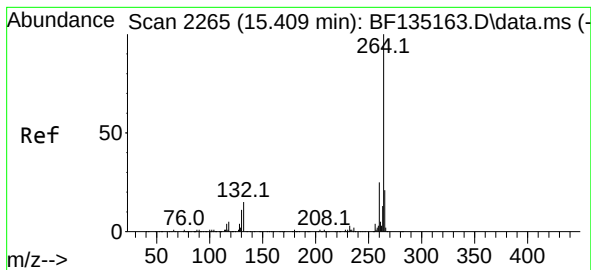
Ion Ratio Lower Upper

244 100

212 6.4 5.1 7.7

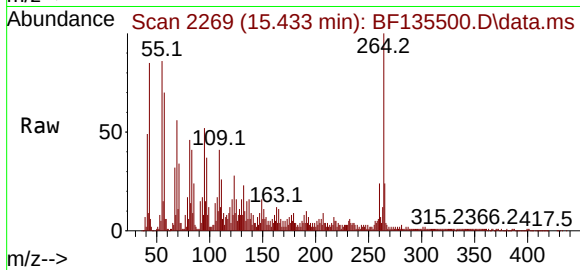
122 14.8 7.9 11.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.433 min Scan# 21
Delta R.T. 0.053 min
Lab File: BF135500.D
Acq: 28 Sep 2023 18:38

Instrument :
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ClientSampleId :
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Tgt Ion:	264	Resp:	169208
Ion Ratio	Lower	Upper	
264	100		
260	24.2	19.8	29.6
265	23.9	17.0	25.4

