

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101823\
 Data File : BF135851.D
 Acq On : 18 Oct 2023 17:09
 Operator : CG\JU
 Sample : 04888-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-304-VOC-21

Quant Time: Oct 19 01:20:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 17 01:22:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	91822	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	345785	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	159912	20.000	ng	-0.01
64) Phenanthrene-d10	11.269	188	313462	20.000	ng	-0.01
76) Chrysene-d12	13.939	240	169713	20.000	ng	-0.01
86) Perylene-d12	15.416	264	154961	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	763919	133.758	ng	0.02
7) Phenol-d6	6.398	99	949700	133.272	ng	0.00
23) Nitrobenzene-d5	7.310	82	632926	100.671	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	256746	167.317	ng	-0.01
45) 2-Fluorobiphenyl	9.098	172	1103161	107.859	ng	0.00
79) Terphenyl-d14	12.869	244	1143167	124.743	ng	-0.01

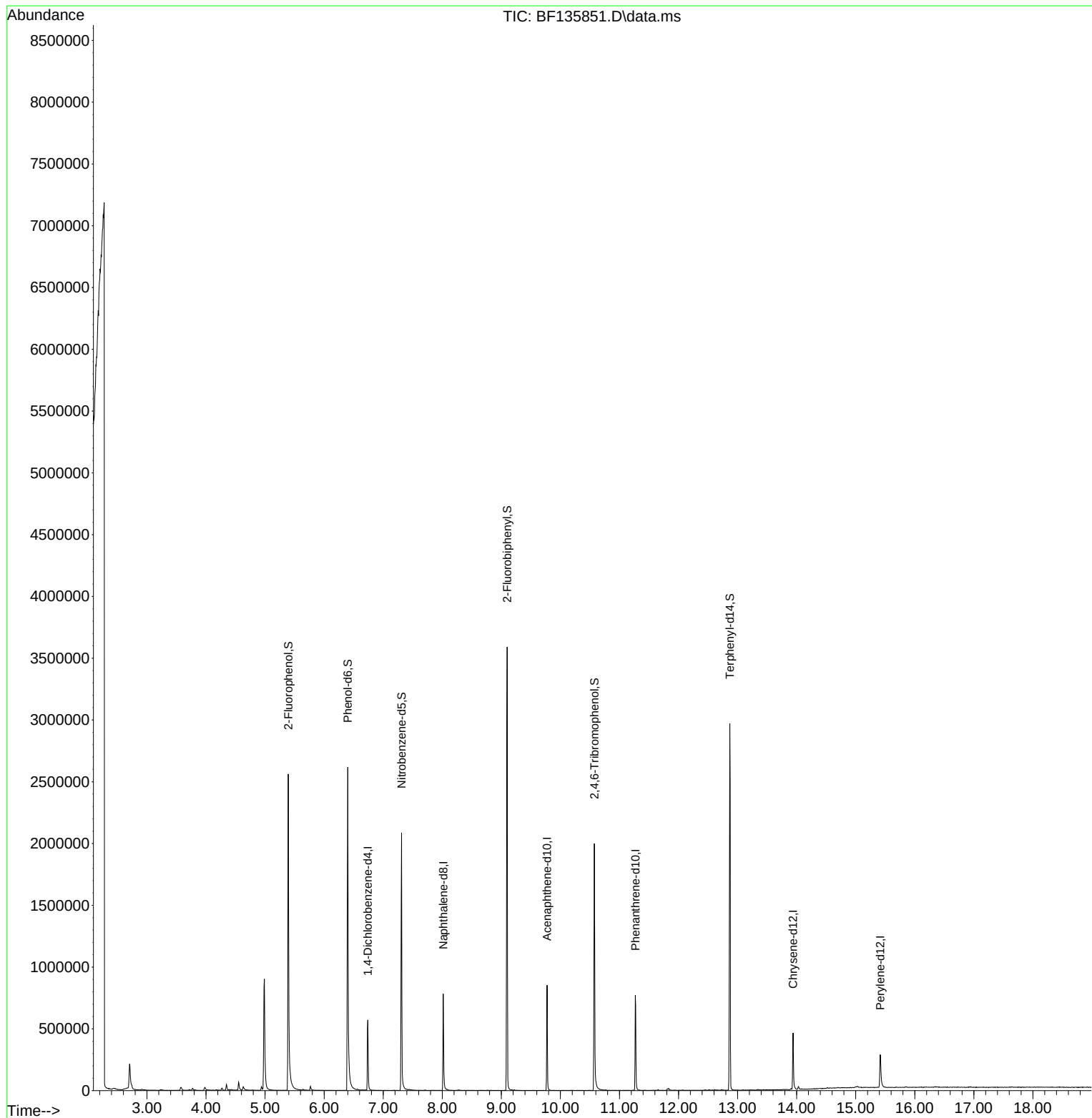
Target Compounds	Qvalue

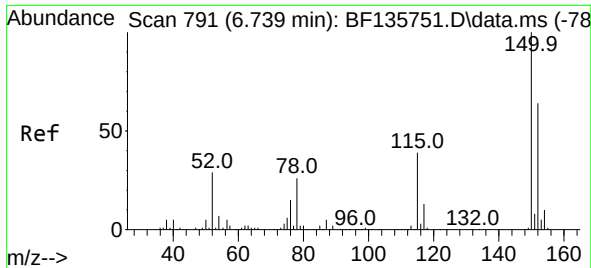
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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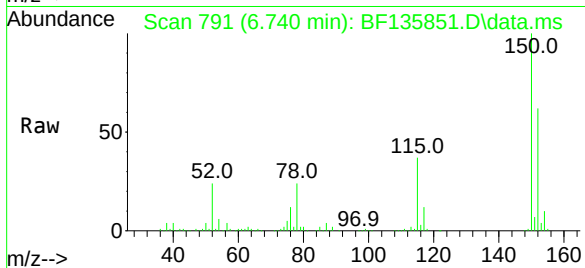
Quant Time: Oct 19 01:20:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
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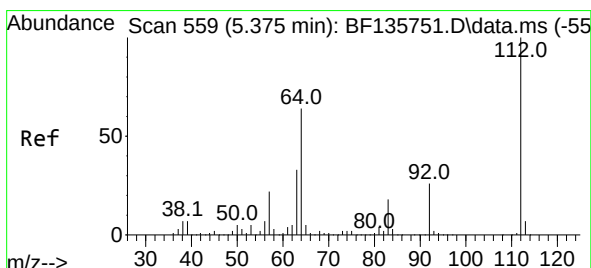
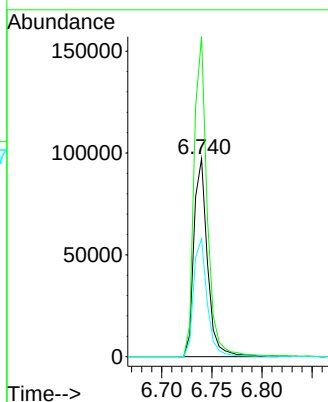
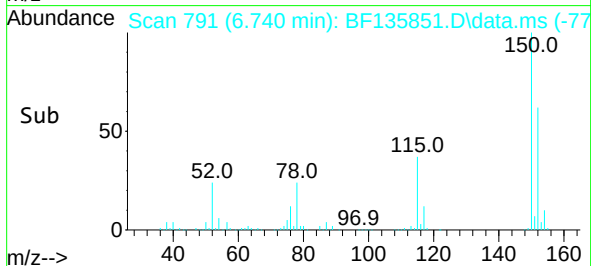


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF135851.D
Acq: 18 Oct 2023 17:09

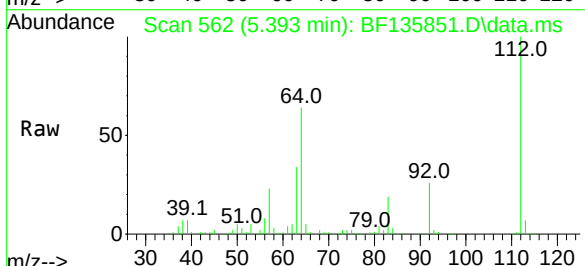
Instrument :
BNA_F
ClientSampleId :
TR-304-VOC-21



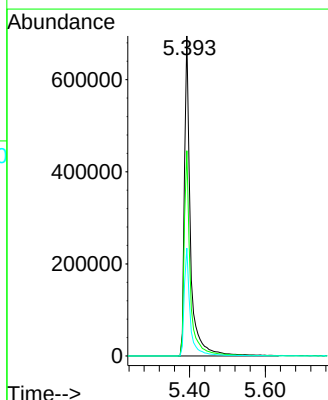
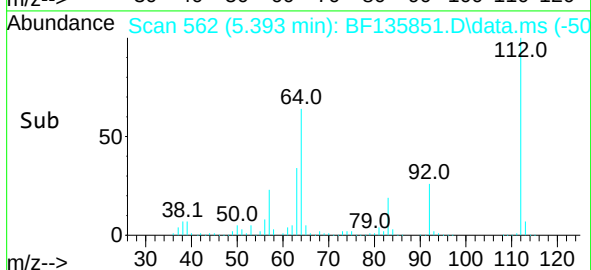
Tgt Ion:152 Resp: 91822
Ion Ratio Lower Upper
152 100
150 161.6 124.5 186.7
115 59.5 49.0 73.4

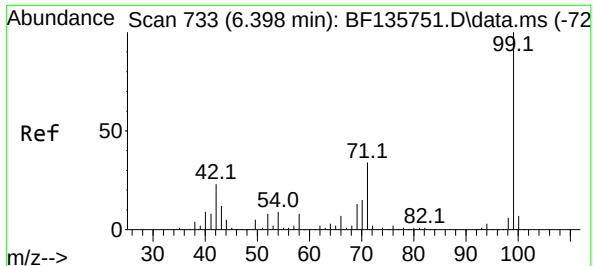


#5
2-Fluorophenol
Concen: 133.758 ng
RT: 5.393 min Scan# 562
Delta R.T. 0.018 min
Lab File: BF135851.D
Acq: 18 Oct 2023 17:09



Tgt Ion:112 Resp: 763919
Ion Ratio Lower Upper
112 100
64 64.2 51.2 76.8
63 33.7 26.1 39.1

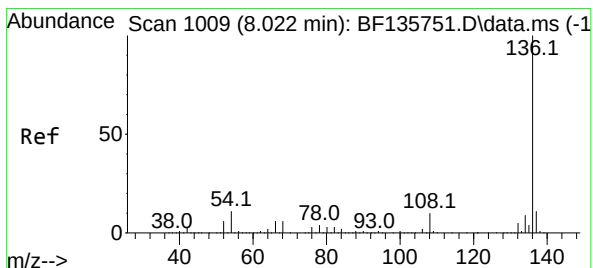
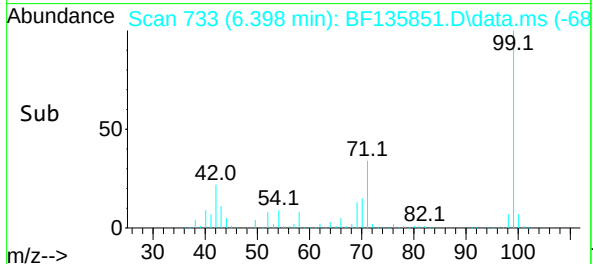
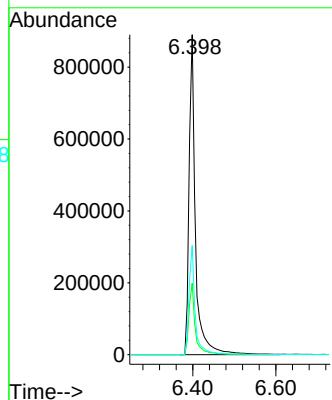
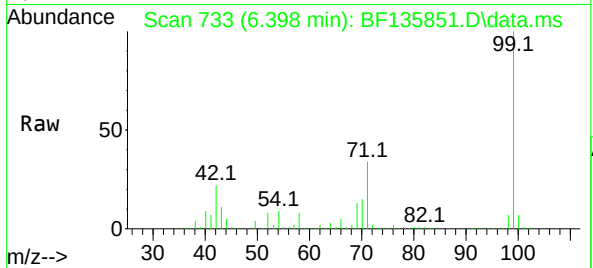




#7
Phenol-d6
Concen: 133.272 ng
RT: 6.398 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135851.D
Acq: 18 Oct 2023 17:09

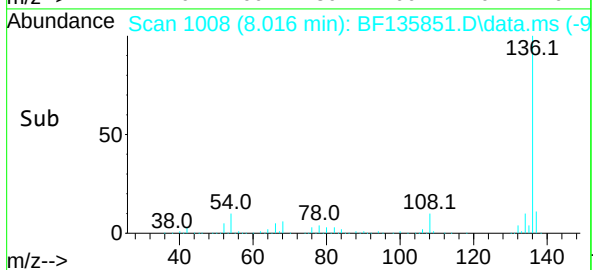
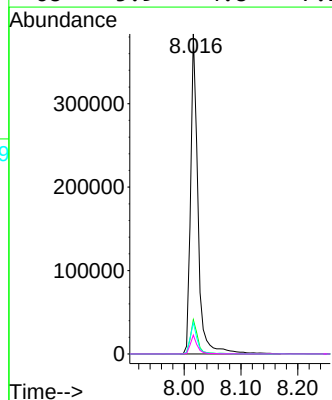
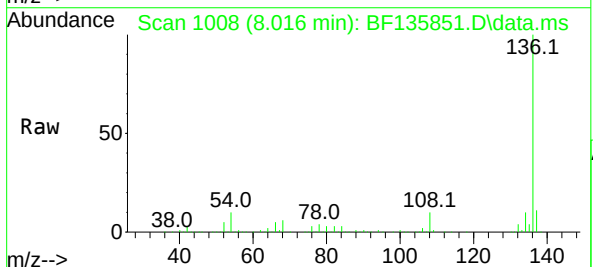
Instrument :
BNA_F
ClientSampleId :
TR-304-VOC-21

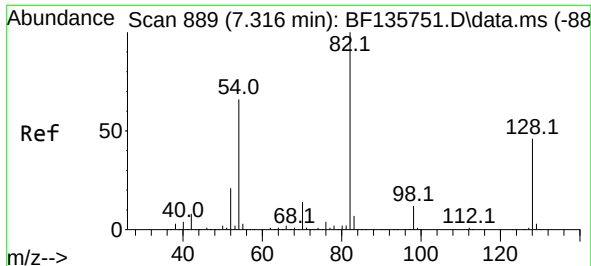
Tgt Ion: 99 Resp: 949700
Ion Ratio Lower Upper
99 100
42 22.3 18.4 27.6
71 34.1 27.2 40.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF135851.D
Acq: 18 Oct 2023 17:09

Tgt Ion: 136 Resp: 345785
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 9.7 8.5 12.7
68 5.9 4.8 7.2

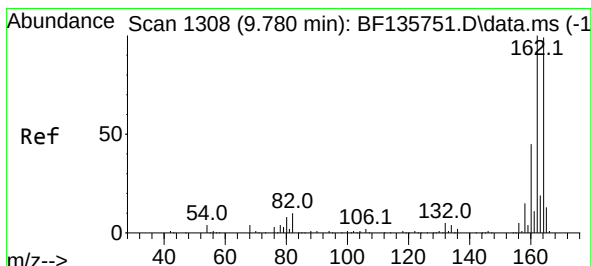
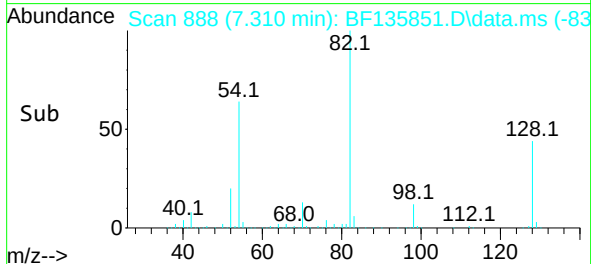
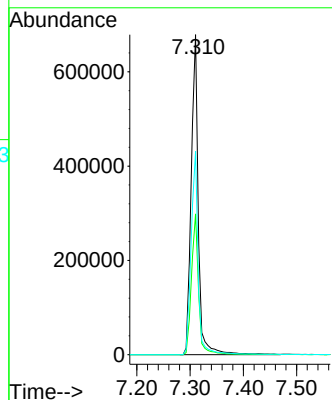
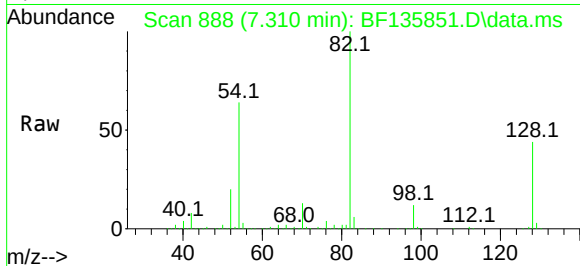




#23
Nitrobenzene-d5
Concen: 100.671 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF135851.D
Acq: 18 Oct 2023 17:09

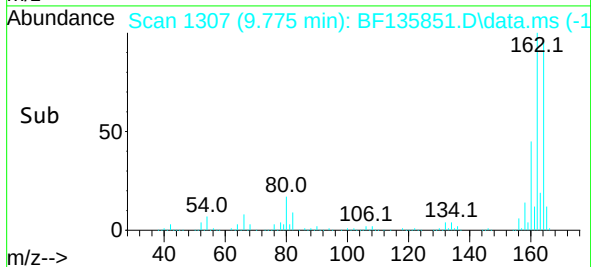
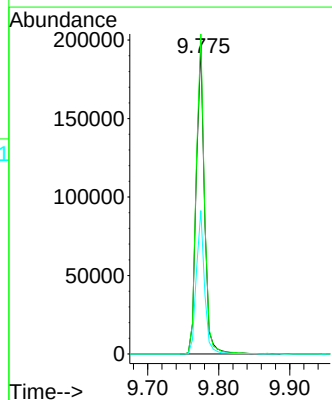
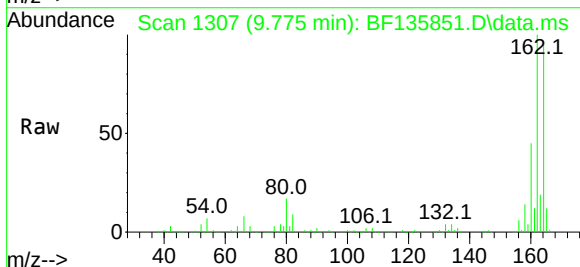
Instrument :
BNA_F
ClientSampleId :
TR-304-VOC-21

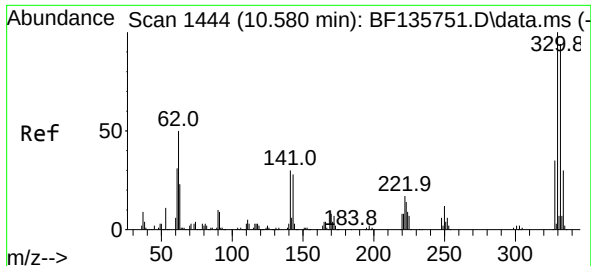
Tgt Ion: 82 Resp: 632926
Ion Ratio Lower Upper
82 100
128 44.0 37.0 55.6
54 63.6 52.8 79.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.012 min
Lab File: BF135851.D
Acq: 18 Oct 2023 17:09

Tgt Ion:164 Resp: 159912
Ion Ratio Lower Upper
164 100
162 104.0 80.8 121.2
160 46.6 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 167.317 ng

RT: 10.575 min Scan# 1444

Delta R.T. -0.012 min

Lab File: BF135851.D

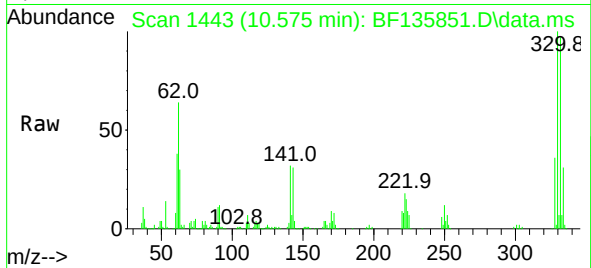
Acq: 18 Oct 2023 17:09

Instrument :

BNA_F

ClientSampleId :

TR-304-VOC-21



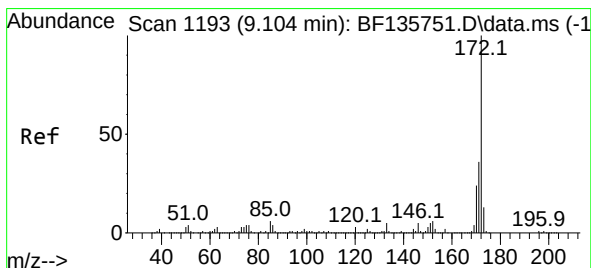
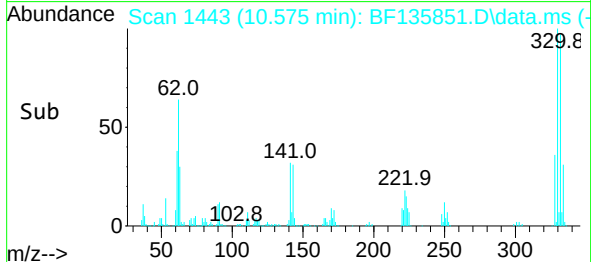
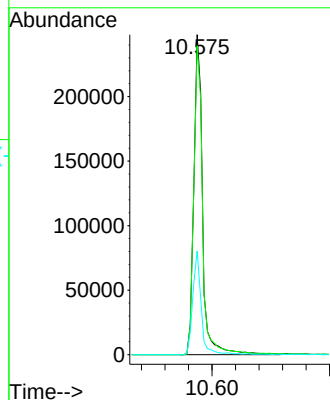
Tgt Ion:330 Resp: 256746

Ion Ratio Lower Upper

330 100

332 97.3 75.0 112.4

141 31.5 25.8 38.6



#45

2-Fluorobiphenyl

Concen: 107.859 ng

RT: 9.098 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF135851.D

Acq: 18 Oct 2023 17:09

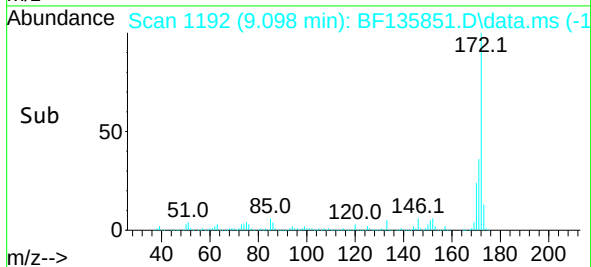
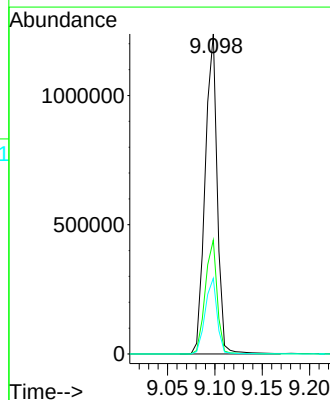
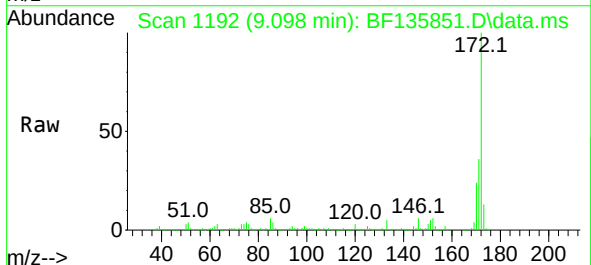
Tgt Ion:172 Resp: 1103161

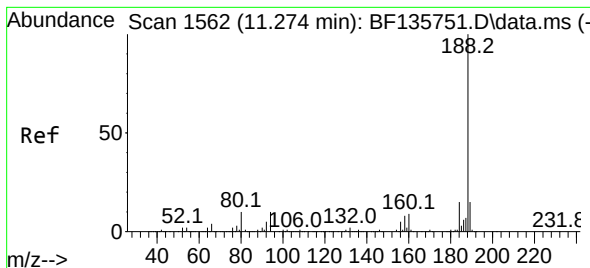
Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

170 23.7 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.269 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF135851.D

Acq: 18 Oct 2023 17:09

Instrument :

BNA_F

ClientSampleId :

TR-304-VOC-21

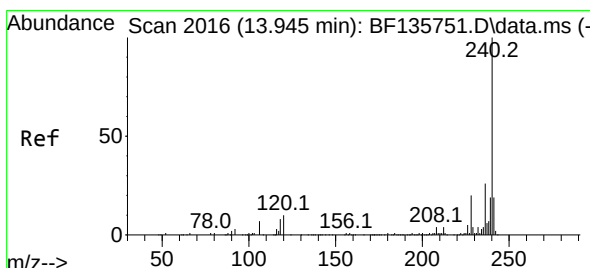
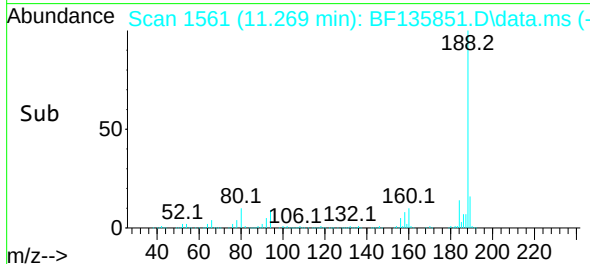
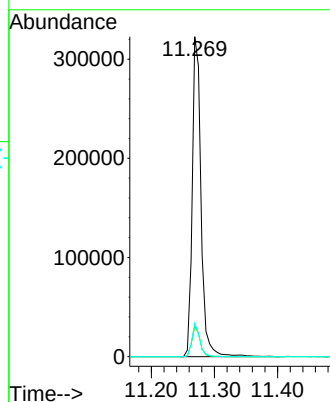
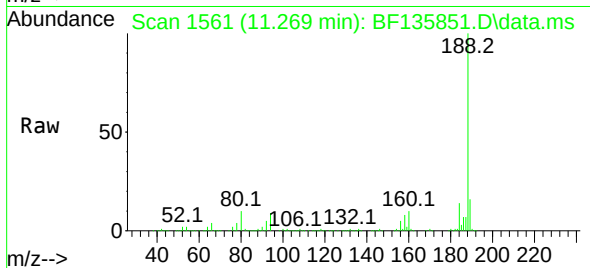
Tgt Ion:188 Resp: 313462

Ion Ratio Lower Upper

188 100

94 9.5 8.0 12.0

80 10.4 8.3 12.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 2015

Delta R.T. -0.012 min

Lab File: BF135851.D

Acq: 18 Oct 2023 17:09

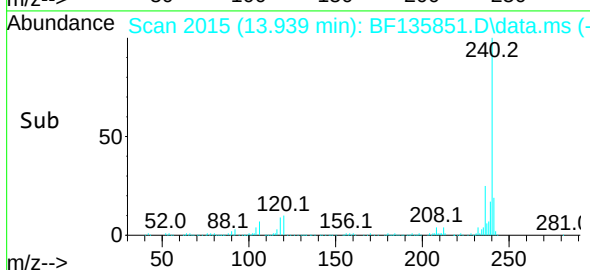
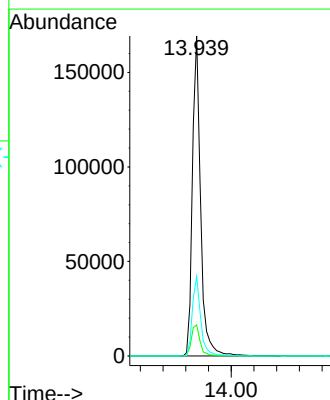
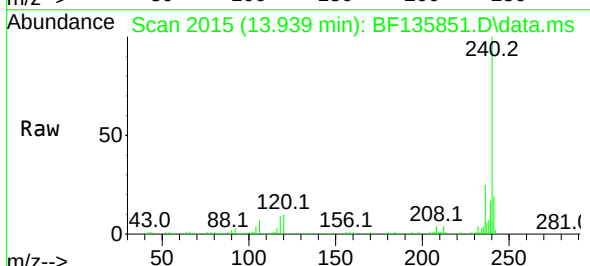
Tgt Ion:240 Resp: 169713

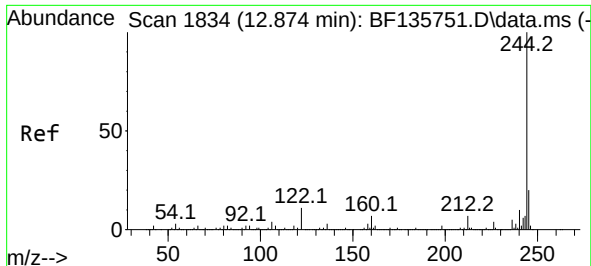
Ion Ratio Lower Upper

240 100

120 9.7 8.2 12.2

236 24.8 21.2 31.8

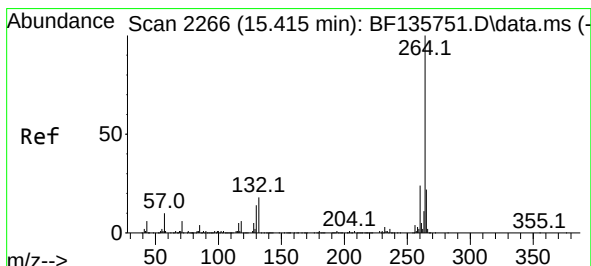
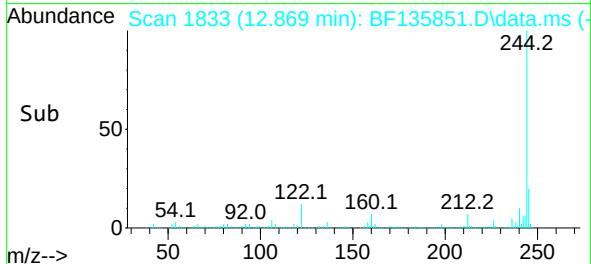
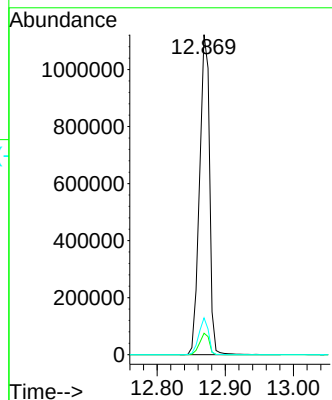
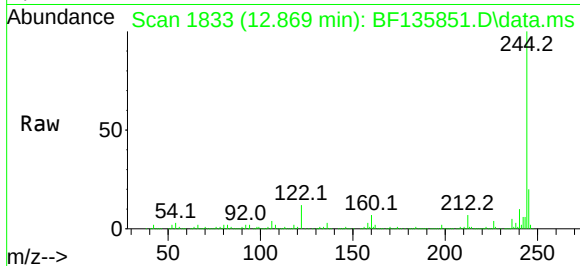




#79
 Terphenyl-d14
 Concen: 124.743 ng
 RT: 12.869 min Scan# 1833
 Delta R.T. -0.012 min
 Lab File: BF135851.D
 Acq: 18 Oct 2023 17:09

Instrument :
 BNA_F
 ClientSampleId :
 TR-304-VOC-21

Tgt Ion:244 Resp: 1143167
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 11.5 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.416 min Scan# 2266
 Delta R.T. -0.006 min
 Lab File: BF135851.D
 Acq: 18 Oct 2023 17:09

Tgt Ion:264 Resp: 154961
 Ion Ratio Lower Upper
 264 100
 260 22.5 19.2 28.8
 265 21.0 17.4 26.2

