

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101623\
 Data File : BF135789.D
 Acq On : 16 Oct 2023 21:53
 Operator : CG\JU
 Sample : 04859-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SVS-GROUNDWATER

Quant Time: Oct 17 01:58:55 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)

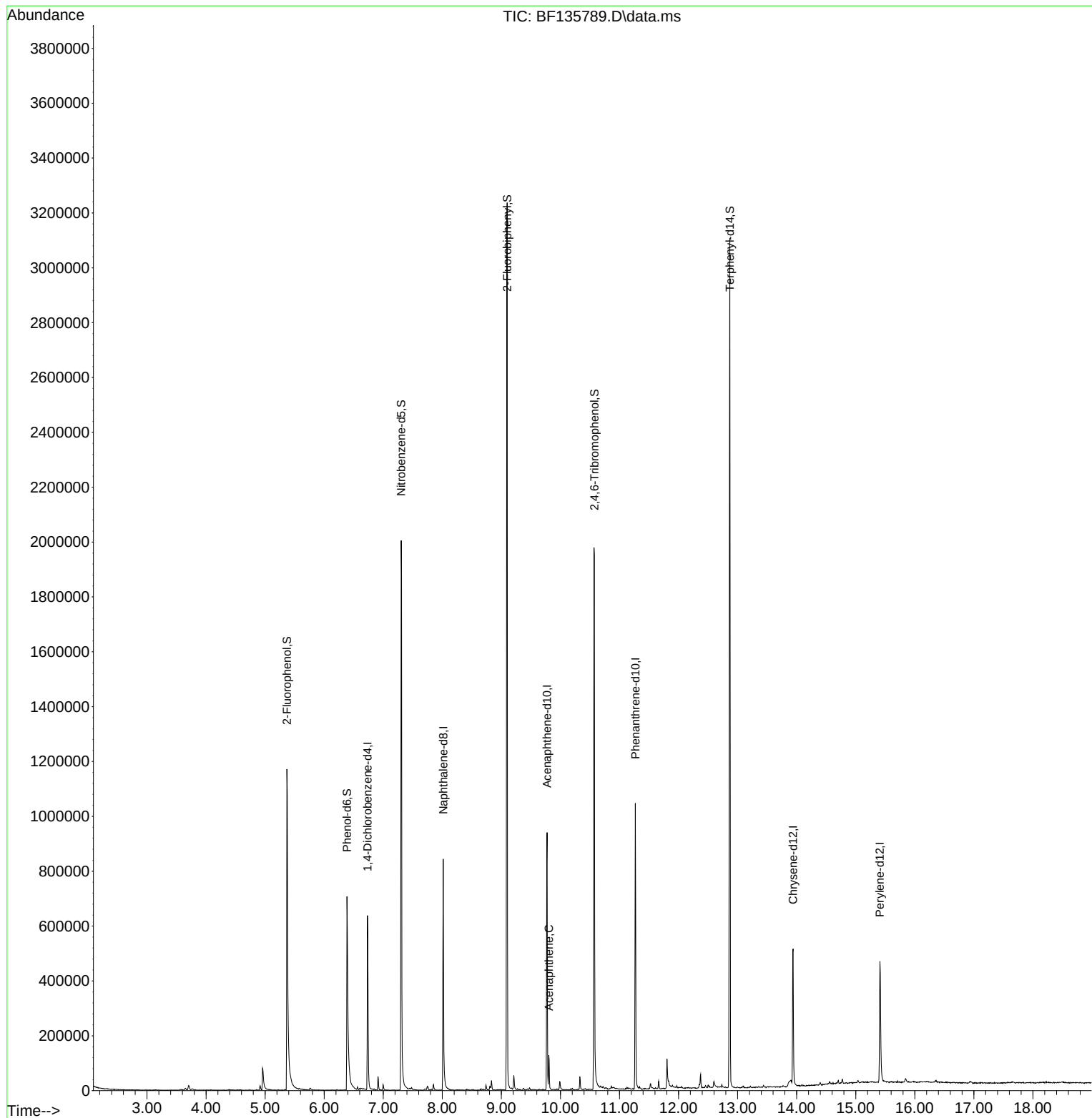
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	100617	20.000	ng	-0.01
21) Naphthalene-d8	8.016	136	366324	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	188890	20.000	ng	-0.01
64) Phenanthrene-d10	11.269	188	376453	20.000	ng	-0.01
76) Chrysene-d12	13.939	240	193600	20.000	ng	-0.01
86) Perylene-d12	15.409	264	229277	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	440451	70.379	ng	0.00
7) Phenol-d6	6.387	99	344203	44.080	ng	-0.01
23) Nitrobenzene-d5	7.304	82	660800	99.211	ng	-0.01
42) 2,4,6-Tribromophenol	10.575	330	266528	147.046	ng	-0.01
45) 2-Fluorobiphenyl	9.098	172	1061266	87.845	ng	0.00
79) Terphenyl-d14	12.868	244	1100676	105.287	ng	-0.01
Target Compounds						
52) Acenaphthene	9.804	154	27054	2.616	ng	98

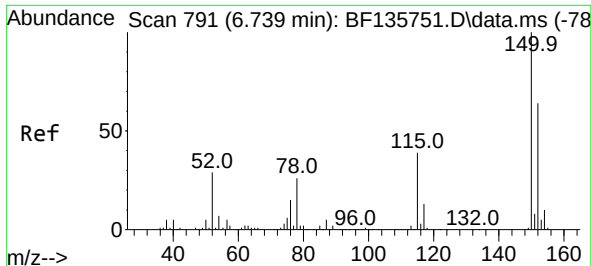
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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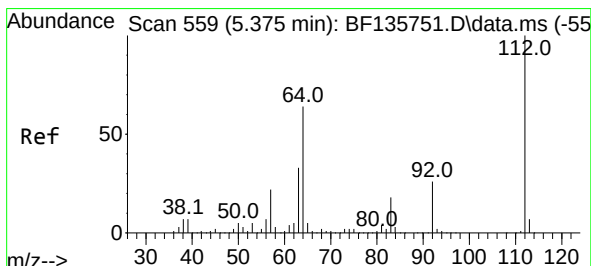
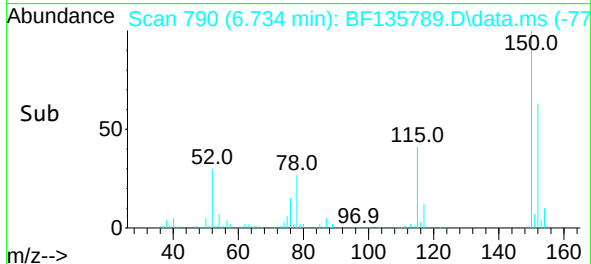
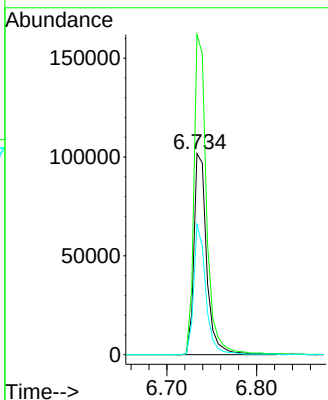
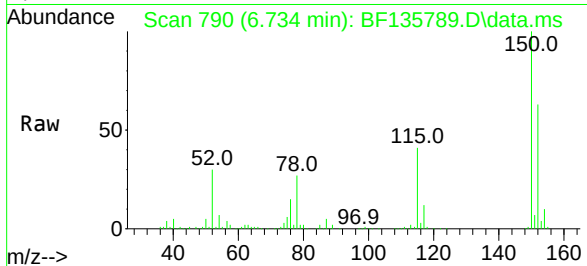




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.734 min Scan# 791
Delta R.T. -0.012 min
Lab File: BF135789.D
Acq: 16 Oct 2023 21:53

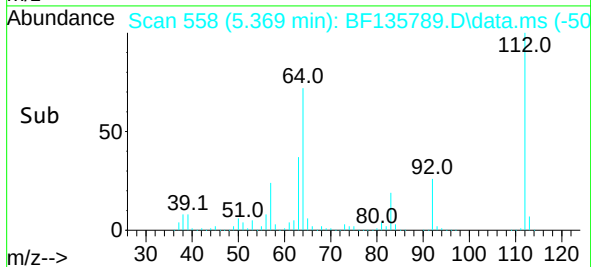
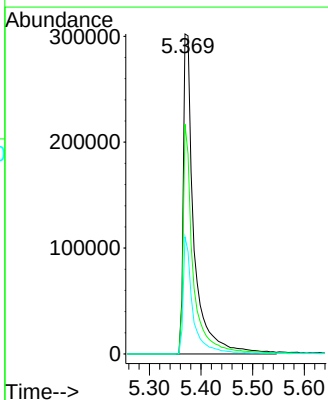
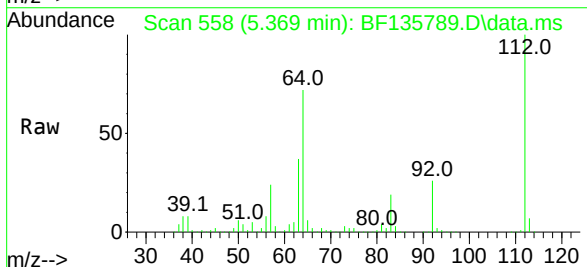
Instrument :
BNA_F
ClientSampleId :
SVS-GROUNDWATER

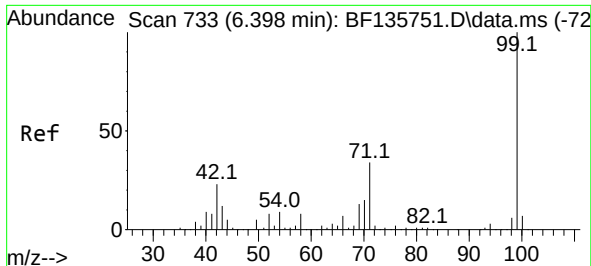
Tgt Ion:152 Resp: 100617
Ion Ratio Lower Upper
152 100
150 159.2 124.5 186.7
115 64.7 49.0 73.4



#5
2-Fluorophenol
Concen: 70.379 ng
RT: 5.369 min Scan# 558
Delta R.T. -0.006 min
Lab File: BF135789.D
Acq: 16 Oct 2023 21:53

Tgt Ion:112 Resp: 440451
Ion Ratio Lower Upper
112 100
64 71.8 51.2 76.8
63 36.5 26.1 39.1

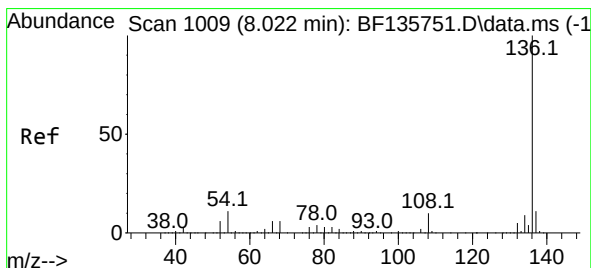
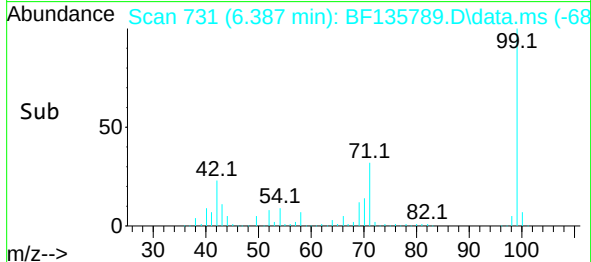
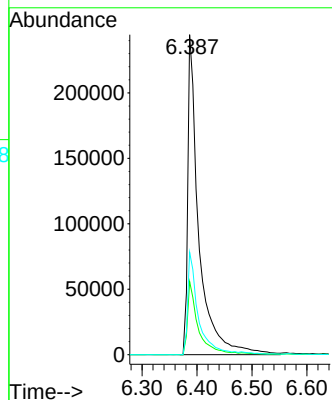
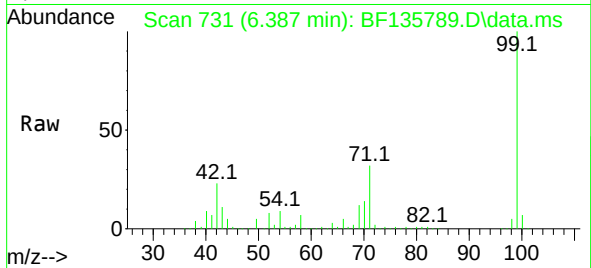




#7
Phenol-d6
Concen: 44.080 ng
RT: 6.387 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF135789.D
Acq: 16 Oct 2023 21:53

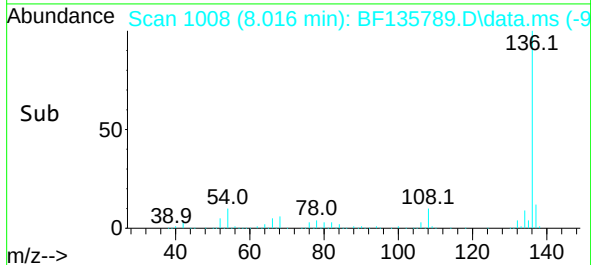
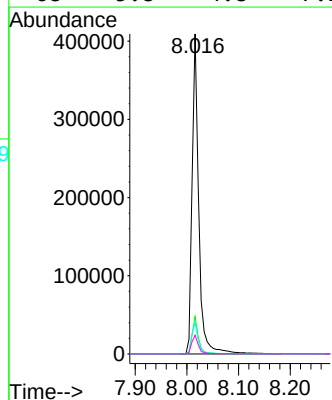
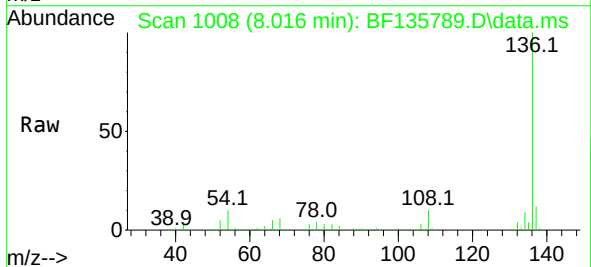
Instrument :
BNA_F
ClientSampleId :
SVS-GROUNDWATER

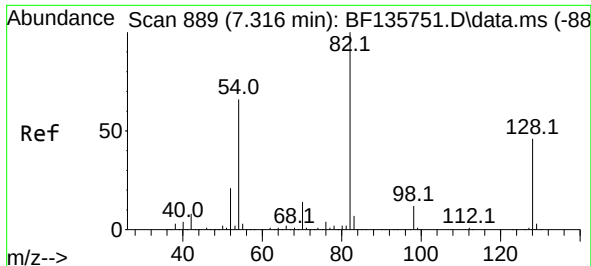
Tgt Ion: 99 Resp: 344203
Ion Ratio Lower Upper
99 100
42 22.9 18.4 27.6
71 32.0 27.2 40.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF135789.D
Acq: 16 Oct 2023 21:53

Tgt Ion: 136 Resp: 366324
Ion Ratio Lower Upper
136 100
137 11.7 8.6 12.8
54 9.8 8.5 12.7
68 5.8 4.8 7.2





#23

Nitrobenzene-d5

Concen: 99.211 ng

RT: 7.304 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF135789.D

Acq: 16 Oct 2023 21:53

Instrument :

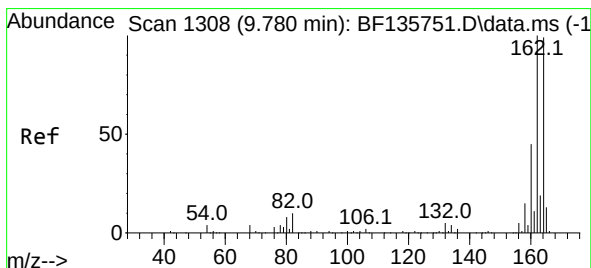
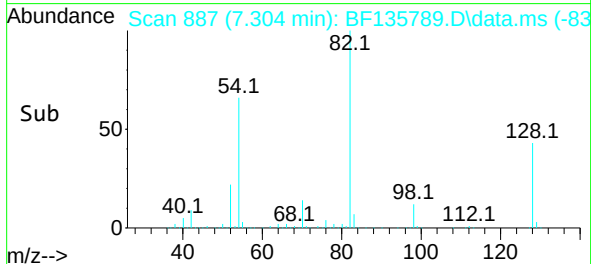
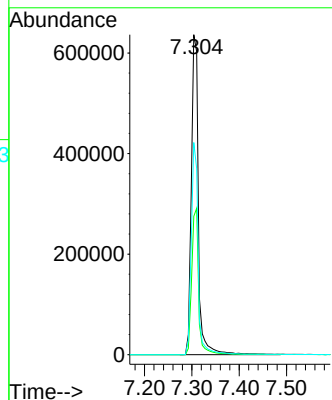
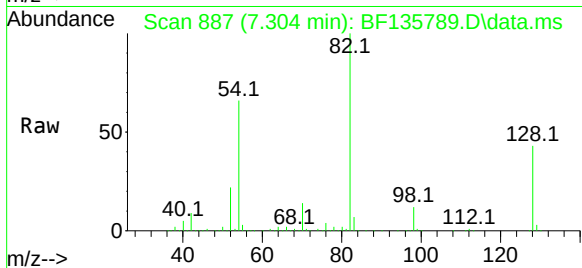
BNA_F

ClientSampleId :

SVS-GROUNDWATER

Tgt Ion: 82 Resp: 660800

Ion	Ratio	Lower	Upper
82	100		
128	43.2	37.0	55.6
54	66.3	52.8	79.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.775 min Scan# 1307

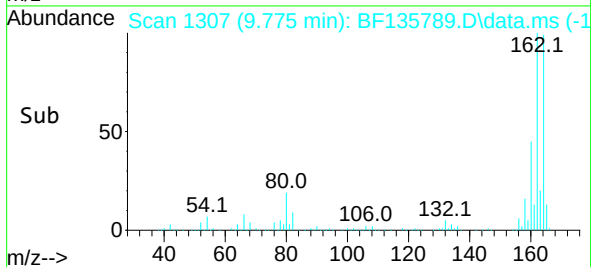
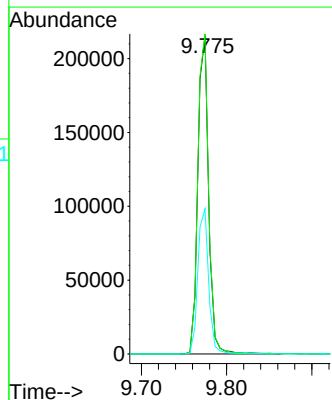
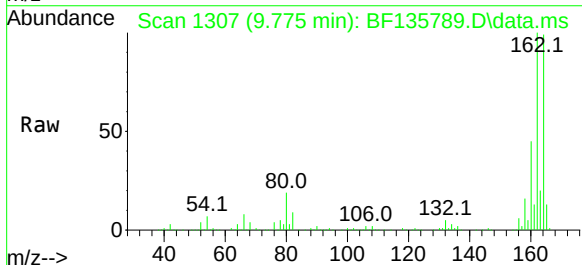
Delta R.T. -0.012 min

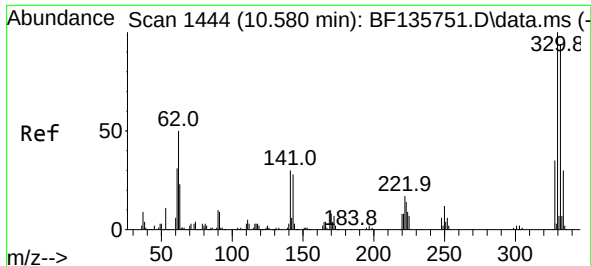
Lab File: BF135789.D

Acq: 16 Oct 2023 21:53

Tgt Ion:164 Resp: 188890

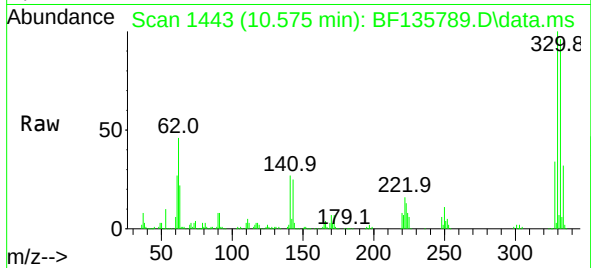
Ion	Ratio	Lower	Upper
164	100		
162	100.6	80.8	121.2
160	45.6	36.6	54.8



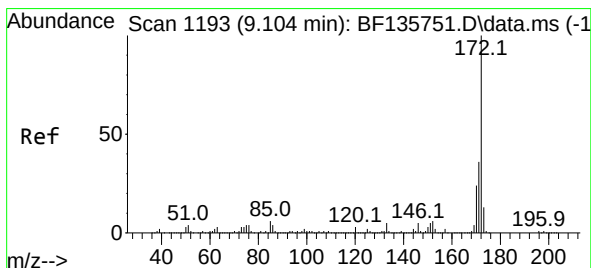
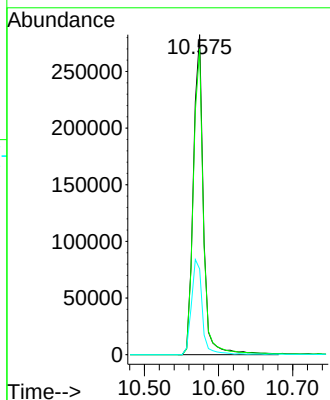
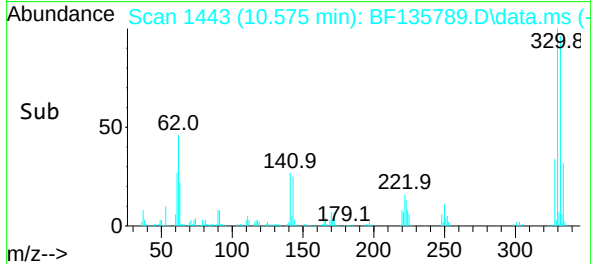


#42
2,4,6-Tribromophenol
Concen: 147.046 ng
RT: 10.575 min Scan# 1443
Delta R.T. -0.012 min
Lab File: BF135789.D
Acq: 16 Oct 2023 21:53

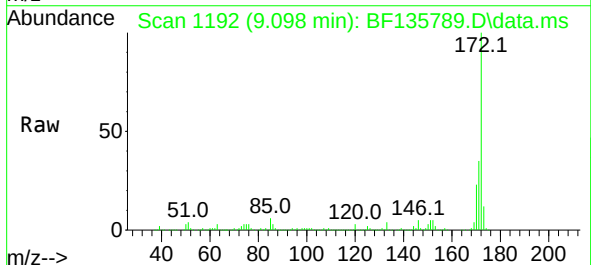
Instrument :
BNA_F
ClientSampleId :
SVS-GROUNDWATER



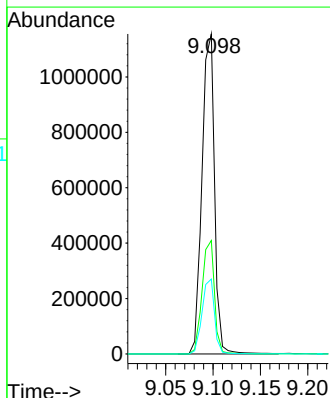
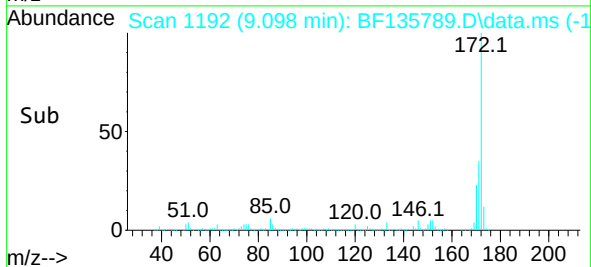
Tgt Ion:330 Resp: 266528
Ion Ratio Lower Upper
330 100
332 96.7 75.0 112.4
141 32.1 25.8 38.6

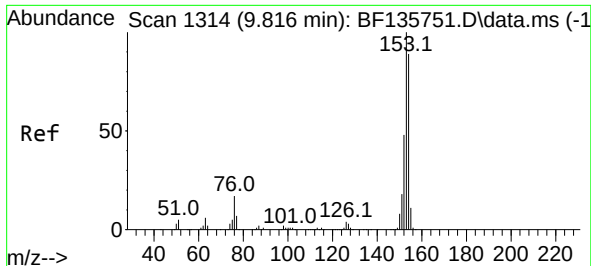


#45
2-Fluorobiphenyl
Concen: 87.845 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF135789.D
Acq: 16 Oct 2023 21:53



Tgt Ion:172 Resp: 1061266
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 23.4 18.8 28.2

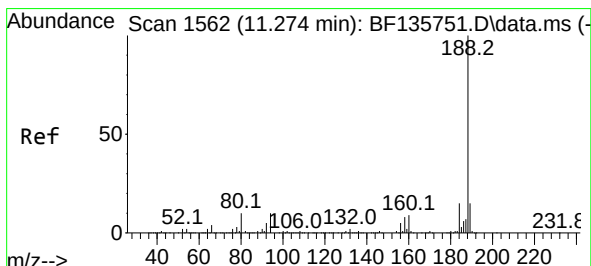
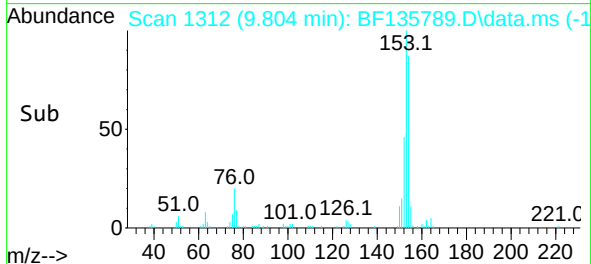
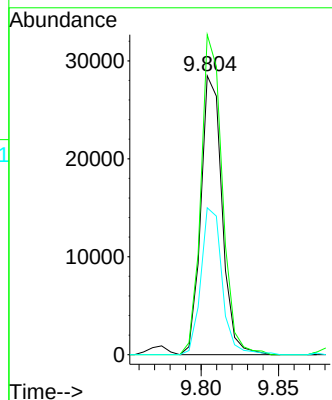
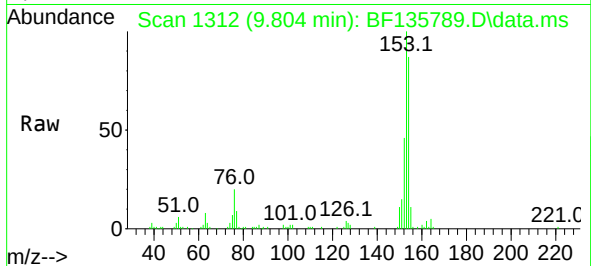




#52
Acenaphthene
Concen: 2.616 ng
RT: 9.804 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF135789.D
Acq: 16 Oct 2023 21:53

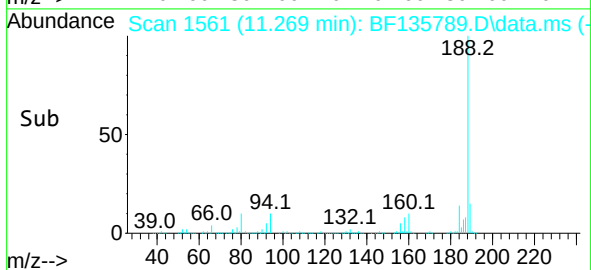
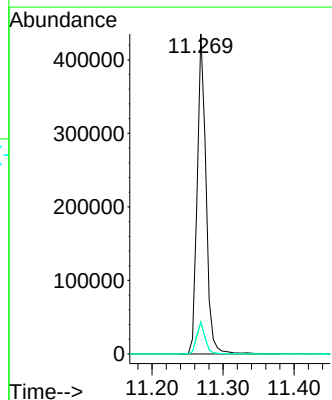
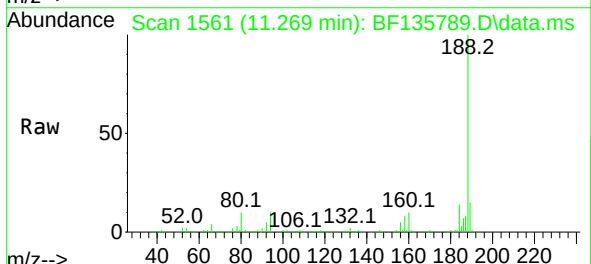
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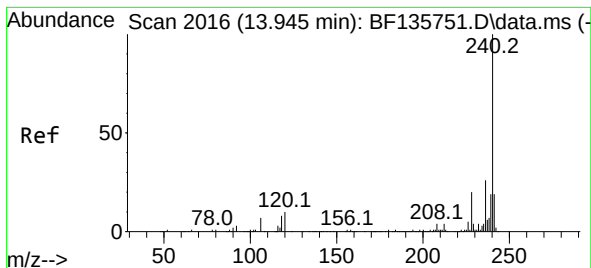
Tgt Ion:154 Resp: 27054
Ion Ratio Lower Upper
154 100
153 114.8 90.1 135.1
152 52.7 43.1 64.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 1561
Delta R.T. -0.012 min
Lab File: BF135789.D
Acq: 16 Oct 2023 21:53

Tgt Ion:188 Resp: 376453
Ion Ratio Lower Upper
188 100
94 10.1 8.0 12.0
80 9.9 8.3 12.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 2016

Delta R.T. -0.012 min

Lab File: BF135789.D

Acq: 16 Oct 2023 21:53

Instrument :

BNA_F

ClientSampleId :

SVS-GROUNDWATER

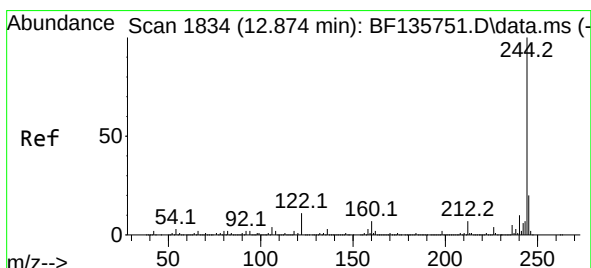
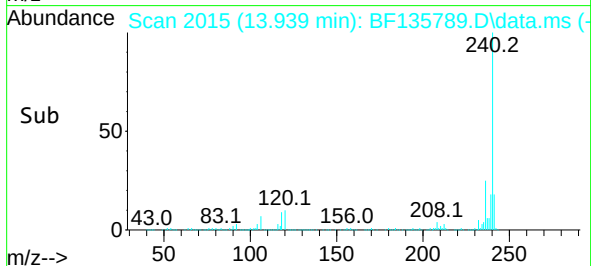
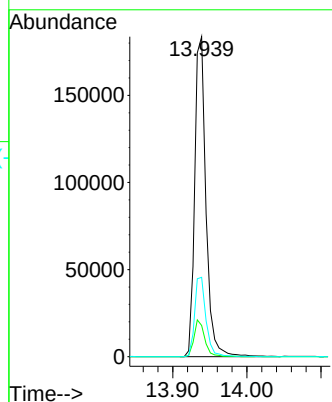
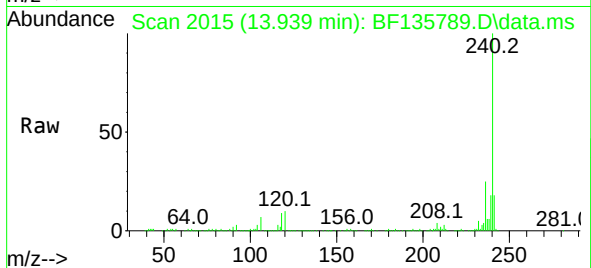
Tgt Ion:240 Resp: 193600

Ion Ratio Lower Upper

240 100

120 9.7 8.2 12.2

236 24.8 21.2 31.8



#79

Terphenyl-d14

Concen: 105.287 ng

RT: 12.868 min Scan# 1833

Delta R.T. -0.012 min

Lab File: BF135789.D

Acq: 16 Oct 2023 21:53

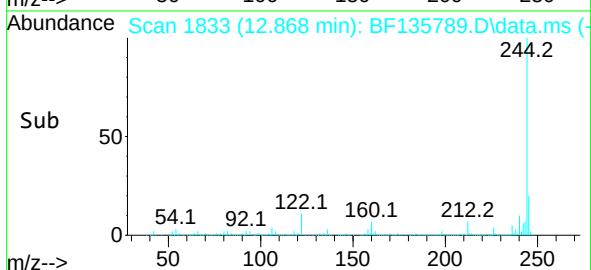
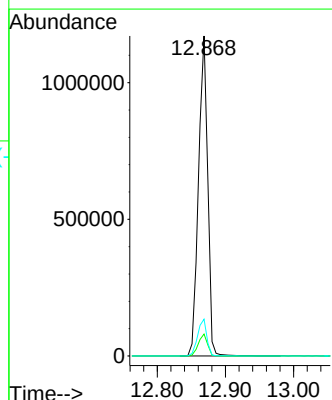
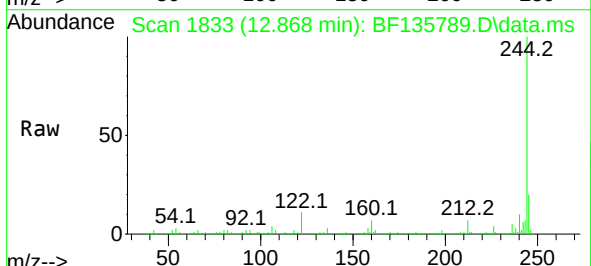
Tgt Ion:244 Resp: 1100676

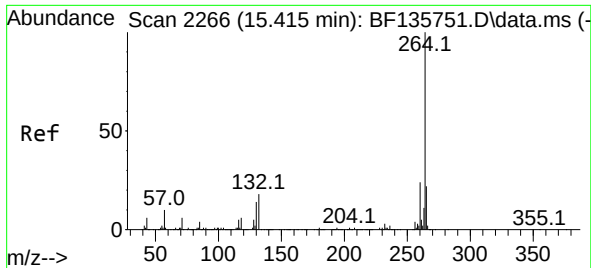
Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 11.5 9.0 13.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.409 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF135789.D
 Acq: 16 Oct 2023 21:53

Instrument :
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 ClientSampleId :
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Tgt Ion:264 Resp: 229277
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 20.9 17.4 26.2

