

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120623\
 Data File : BF136431.D
 Acq On : 06 Dec 2023 16:41
 Operator : CG\JU
 Sample : 05602-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SPRING-VALLEY-TP-2

Quant Time: Dec 07 00:53:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 09:40:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	98742	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	342582	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	136580	20.000	ng	-0.01
64) Phenanthrene-d10	11.322	188	226798	20.000	ng	0.00
76) Chrysene-d12	13.968	240	206475	20.000	ng	#-0.01
86) Perylene-d12	15.451	264	159008	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	583193	87.225	ng	0.00
7) Phenol-d6	6.434	99	700629	83.989	ng	-0.01
23) Nitrobenzene-d5	7.357	82	411022	64.860	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	129722	77.030	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	686058	68.541	ng	-0.01
79) Terphenyl-d14	12.916	244	681559	43.508	ng	0.00

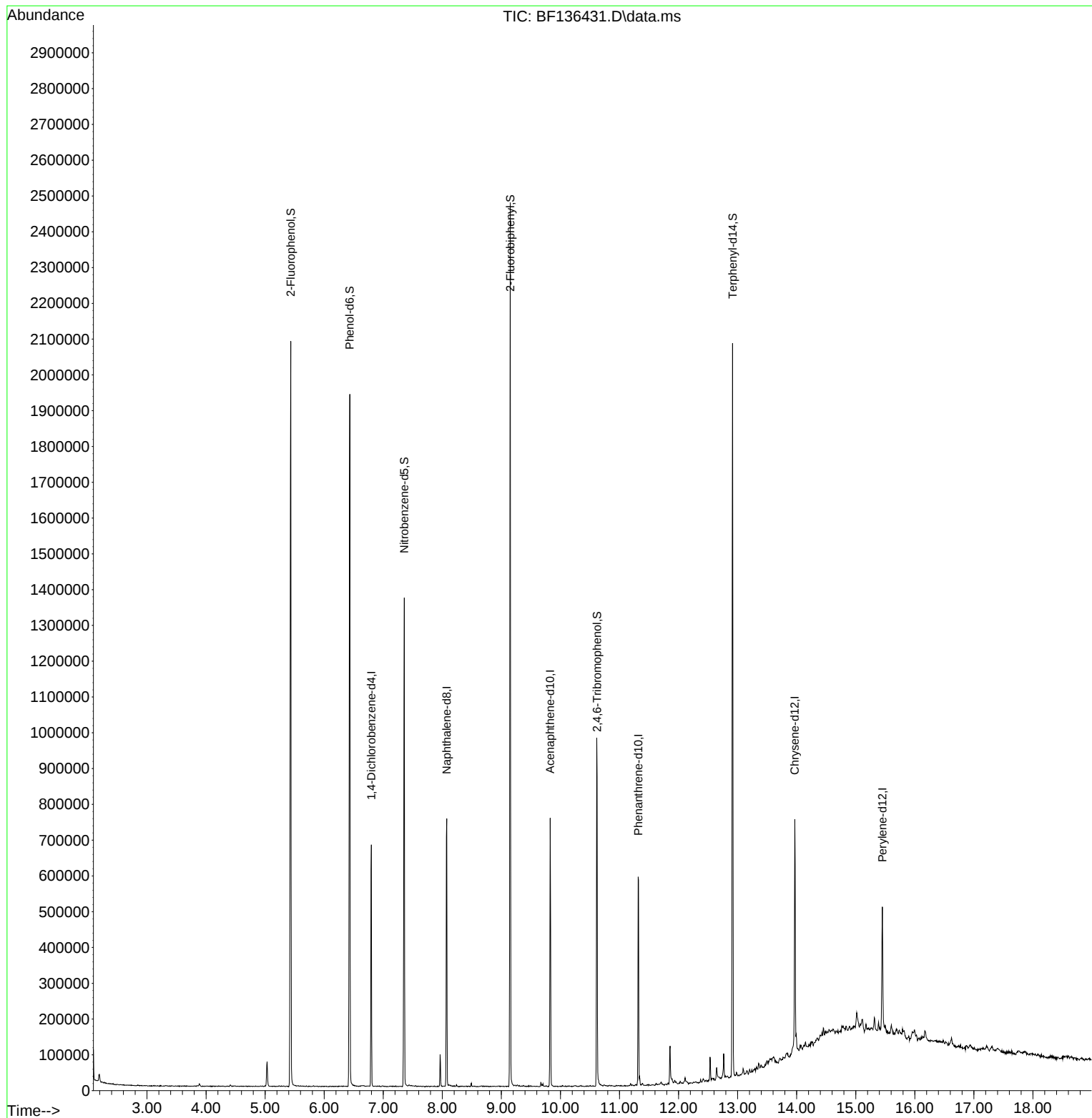
Target Compounds	Qvalue

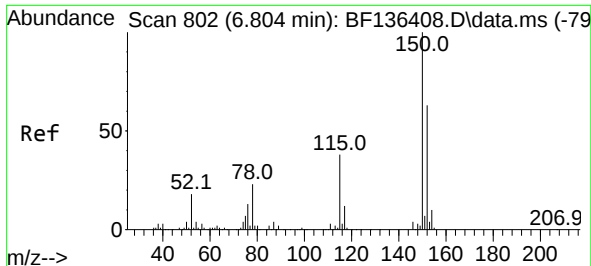
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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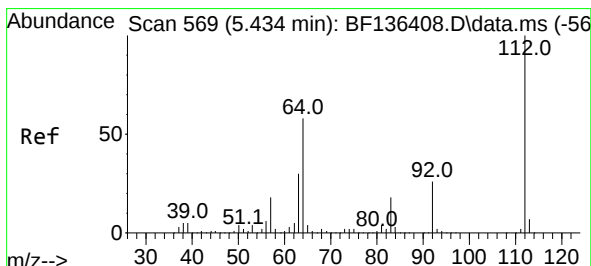
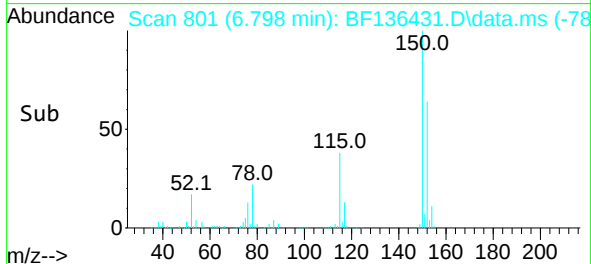
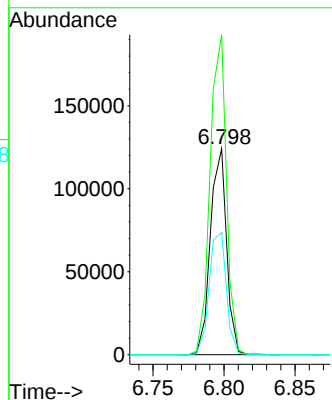
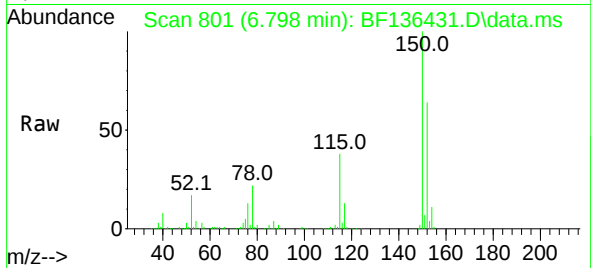




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF136431.D
Acq: 06 Dec 2023 16:41

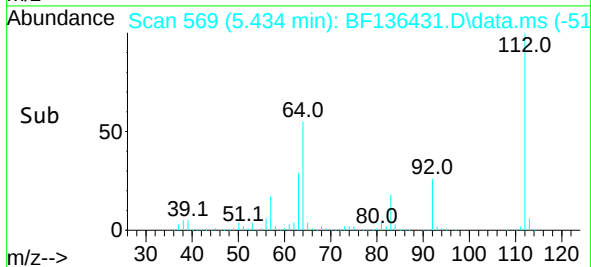
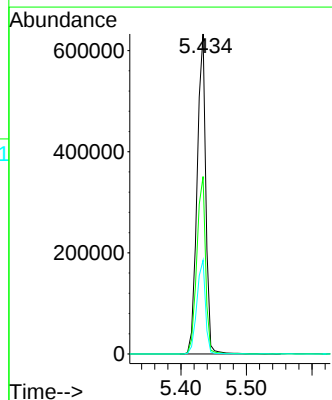
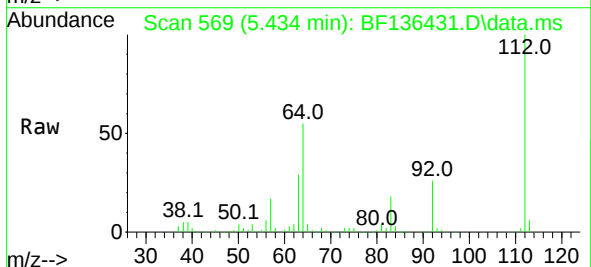
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-2

Tgt Ion:152 Resp: 98742
Ion Ratio Lower Upper
152 100
150 155.4 126.4 189.6
115 59.4 48.2 72.4



#5
2-Fluorophenol
Concen: 87.225 ng
RT: 5.434 min Scan# 569
Delta R.T. -0.000 min
Lab File: BF136431.D
Acq: 06 Dec 2023 16:41

Tgt Ion:112 Resp: 583193
Ion Ratio Lower Upper
112 100
64 55.5 46.5 69.7
63 29.3 23.9 35.9

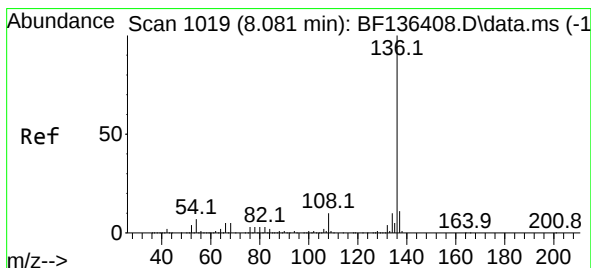
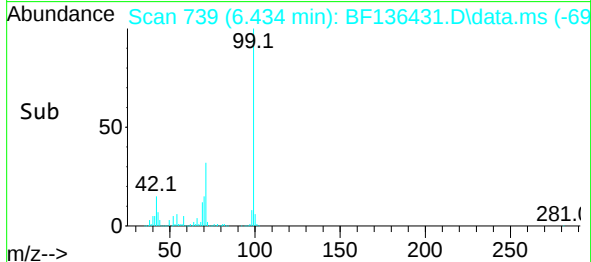
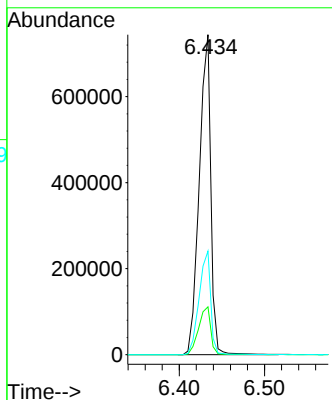
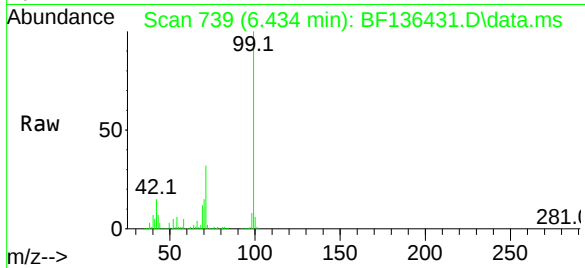




#7
Phenol-d6
Concen: 83.989 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136431.D
Acq: 06 Dec 2023 16:41

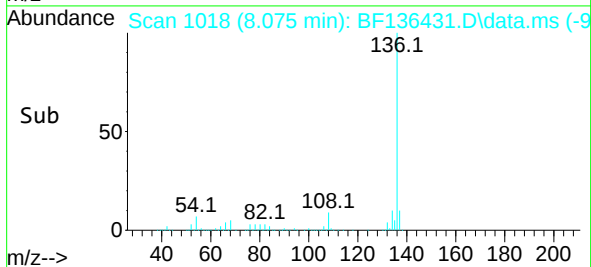
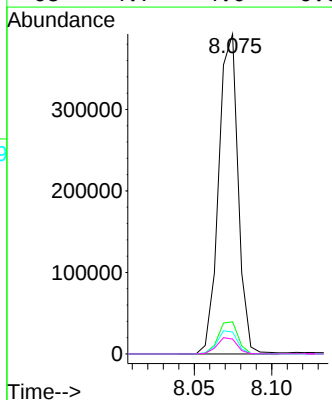
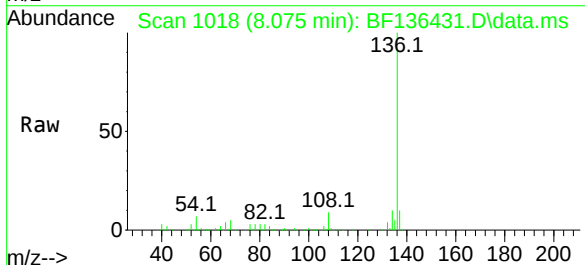
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-2

Tgt Ion: 99 Resp: 700629
Ion Ratio Lower Upper
99 100
42 14.9 12.8 19.2
71 32.3 27.0 40.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF136431.D
Acq: 06 Dec 2023 16:41

Tgt Ion: 136 Resp: 342582
Ion Ratio Lower Upper
136 100
137 10.0 8.6 12.8
54 6.8 5.7 8.5
68 4.7 4.0 6.0

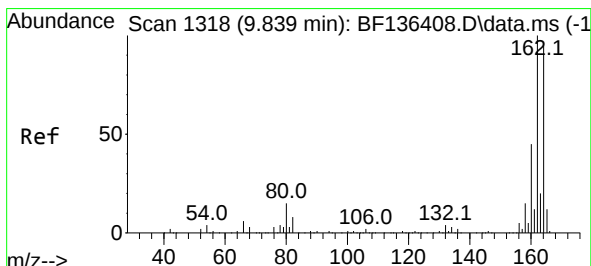
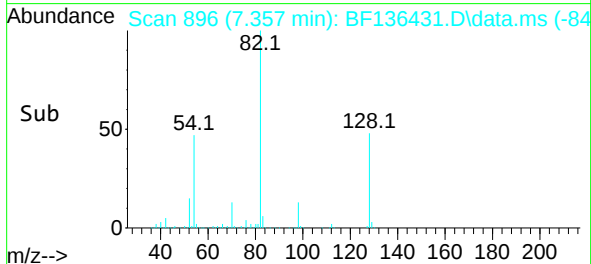
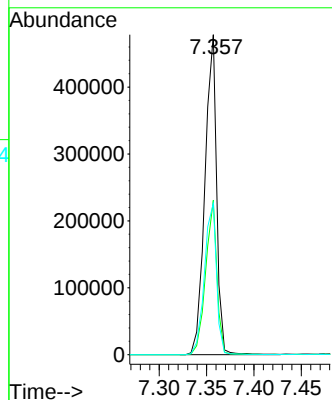
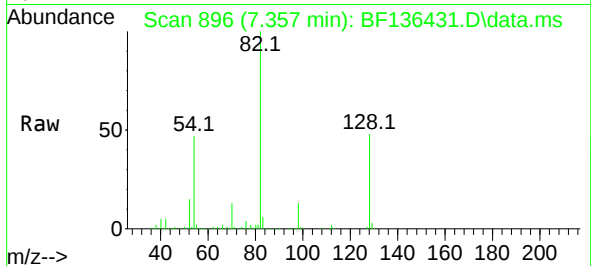




#23
Nitrobenzene-d5
Concen: 64.860 ng
RT: 7.357 min Scan# 89
Delta R.T. -0.012 min
Lab File: BF136431.D
Acq: 06 Dec 2023 16:41

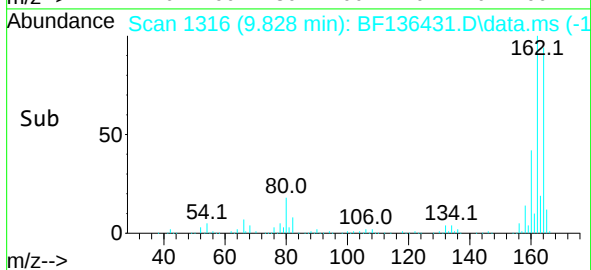
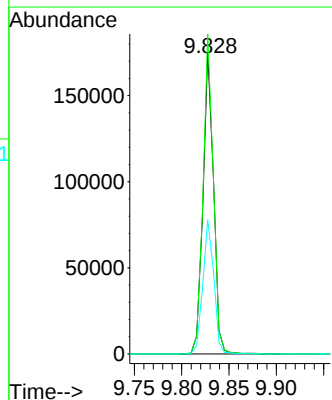
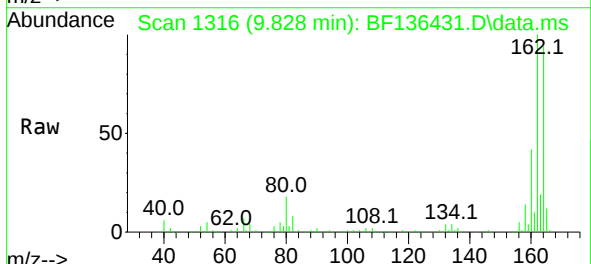
Instrument :
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ClientSampleId :
SPRING-VALLEY-TP-2

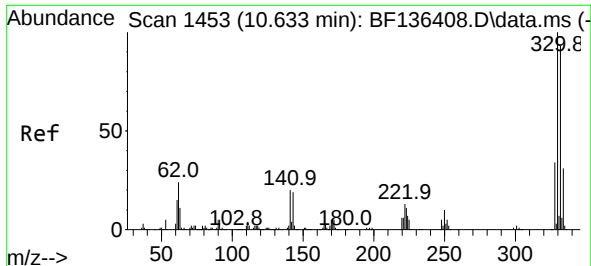
Tgt Ion: 82 Resp: 411022
Ion Ratio Lower Upper
82 100
128 48.2 36.3 54.5
54 47.3 39.0 58.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF136431.D
Acq: 06 Dec 2023 16:41

Tgt Ion: 164 Resp: 136580
Ion Ratio Lower Upper
164 100
162 105.9 84.4 126.6
160 44.4 37.6 56.4

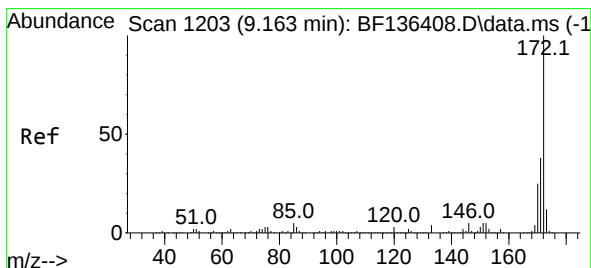
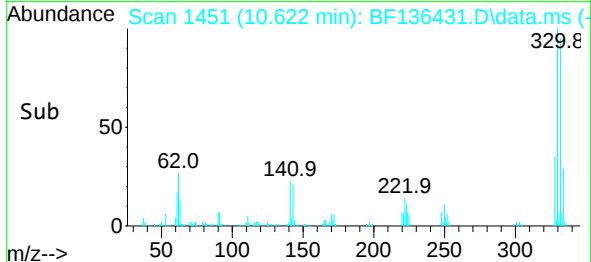
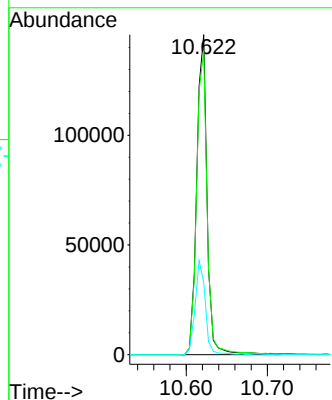
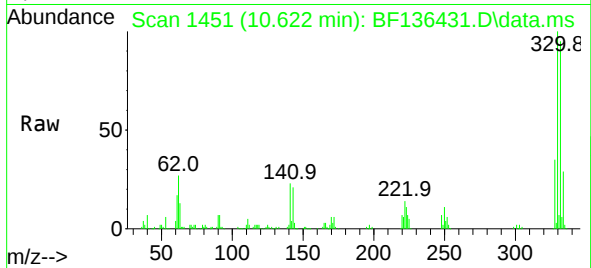




#42
2,4,6-Tribromophenol
Concen: 77.030 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF136431.D
Acq: 06 Dec 2023 16:41

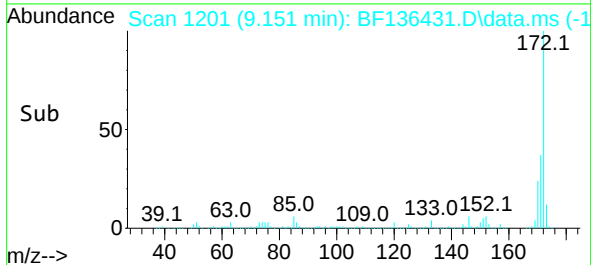
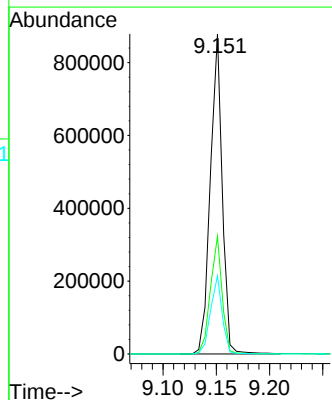
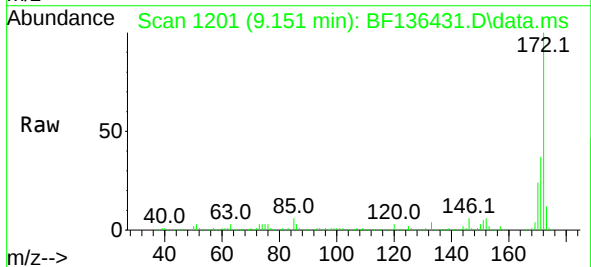
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-2

Tgt Ion:330 Resp: 129722
Ion Ratio Lower Upper
330 100
332 97.6 76.4 114.6
141 29.1 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 68.541 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF136431.D
Acq: 06 Dec 2023 16:41

Tgt Ion:172 Resp: 686058
Ion Ratio Lower Upper
172 100
171 36.8 30.5 45.7
170 24.4 19.9 29.9

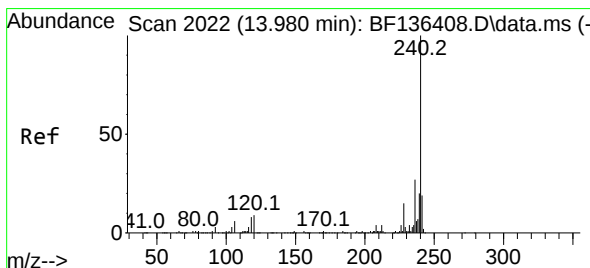
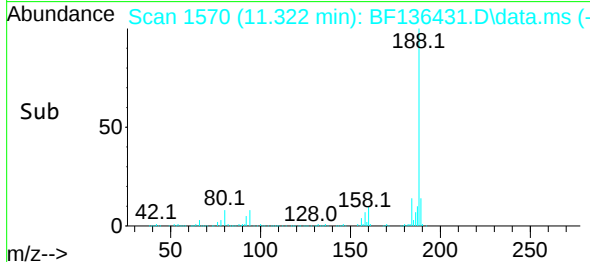
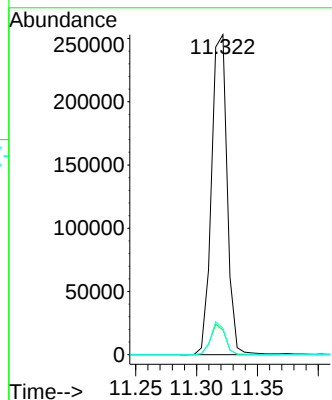
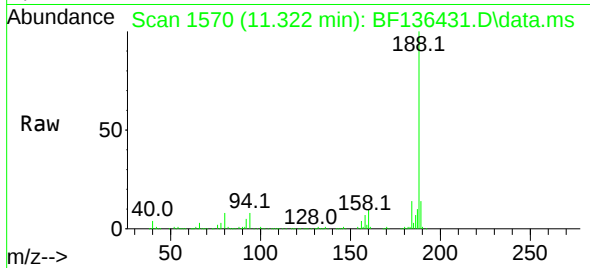




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136431.D
Acq: 06 Dec 2023 16:41

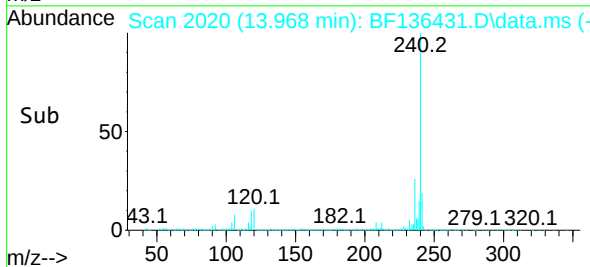
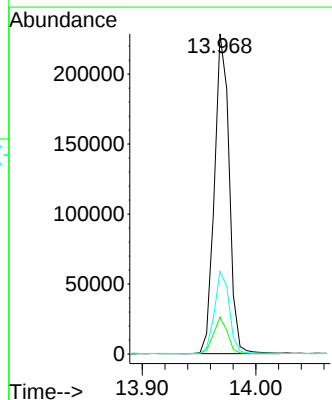
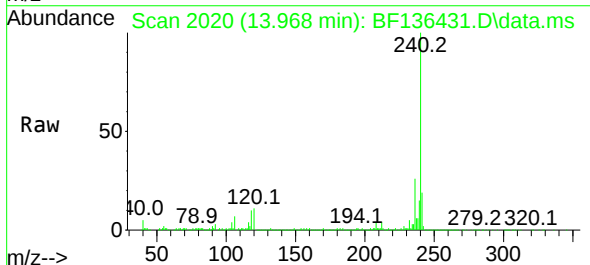
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-2

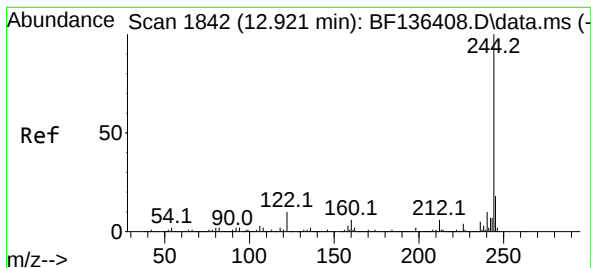
Tgt Ion:188 Resp: 226798
Ion Ratio Lower Upper
188 100
94 7.8 7.2 10.8
80 8.2 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.012 min
Lab File: BF136431.D
Acq: 06 Dec 2023 16:41

Tgt Ion:240 Resp: 206475
Ion Ratio Lower Upper
240 100
120 11.5 7.3 10.9#
236 25.8 21.3 31.9





#79

Terphenyl-d14

Concen: 43.508 ng

RT: 12.916 min Scan# 1841

Delta R.T. -0.006 min

Lab File: BF136431.D

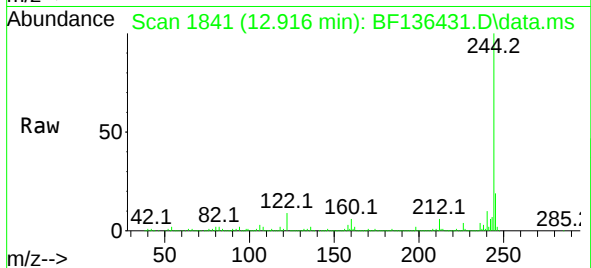
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Instrument :

BNA_F

ClientSampleId :

SPRING-VALLEY-TP-2



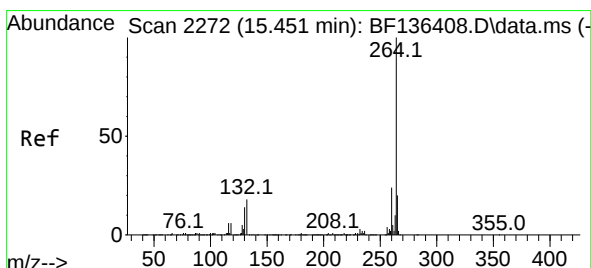
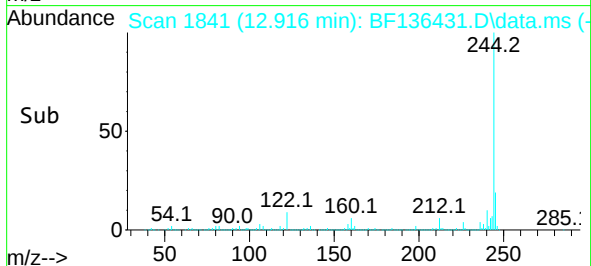
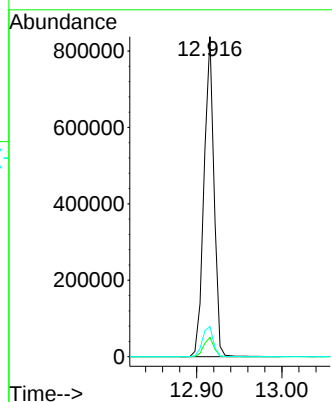
Tgt Ion:244 Resp: 681559

Ion Ratio Lower Upper

244 100

212 6.0 5.0 7.4

122 9.4 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 2272

Delta R.T. -0.000 min

Lab File: BF136431.D

Acq: 06 Dec 2023 16:41

Tgt Ion:264 Resp: 159008

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 21.4 15.9 23.9

