

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102023\
 Data File : BF135905.D
 Acq On : 20 Oct 2023 13:28
 Operator : CG\JU
 Sample : PB156209BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156209BL

Quant Time: Oct 20 14:08:50 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	6.733	152	85530	20.000	ng	-0.01
21) Naphthalene-d8	8.010	136	334276	20.000	ng	-0.01
39) Acenaphthene-d10	9.769	164	173053	20.000	ng	-0.02
64) Phenanthrene-d10	11.268	188	304239	20.000	ng	-0.01
76) Chrysene-d12	13.933	240	209418	20.000	ng	-0.02
86) Perylene-d12	15.404	264	179735	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	742298	139.534	ng	0.00
7) Phenol-d6	6.392	99	886594	133.569	ng	0.00
23) Nitrobenzene-d5	7.304	82	519657	85.500	ng	-0.01
42) 2,4,6-Tribromophenol	10.574	330	241954	145.704	ng	-0.01
45) 2-Fluorobiphenyl	9.092	172	1005866	90.879	ng	-0.01
79) Terphenyl-d14	12.868	244	1066793	94.338	ng	-0.01

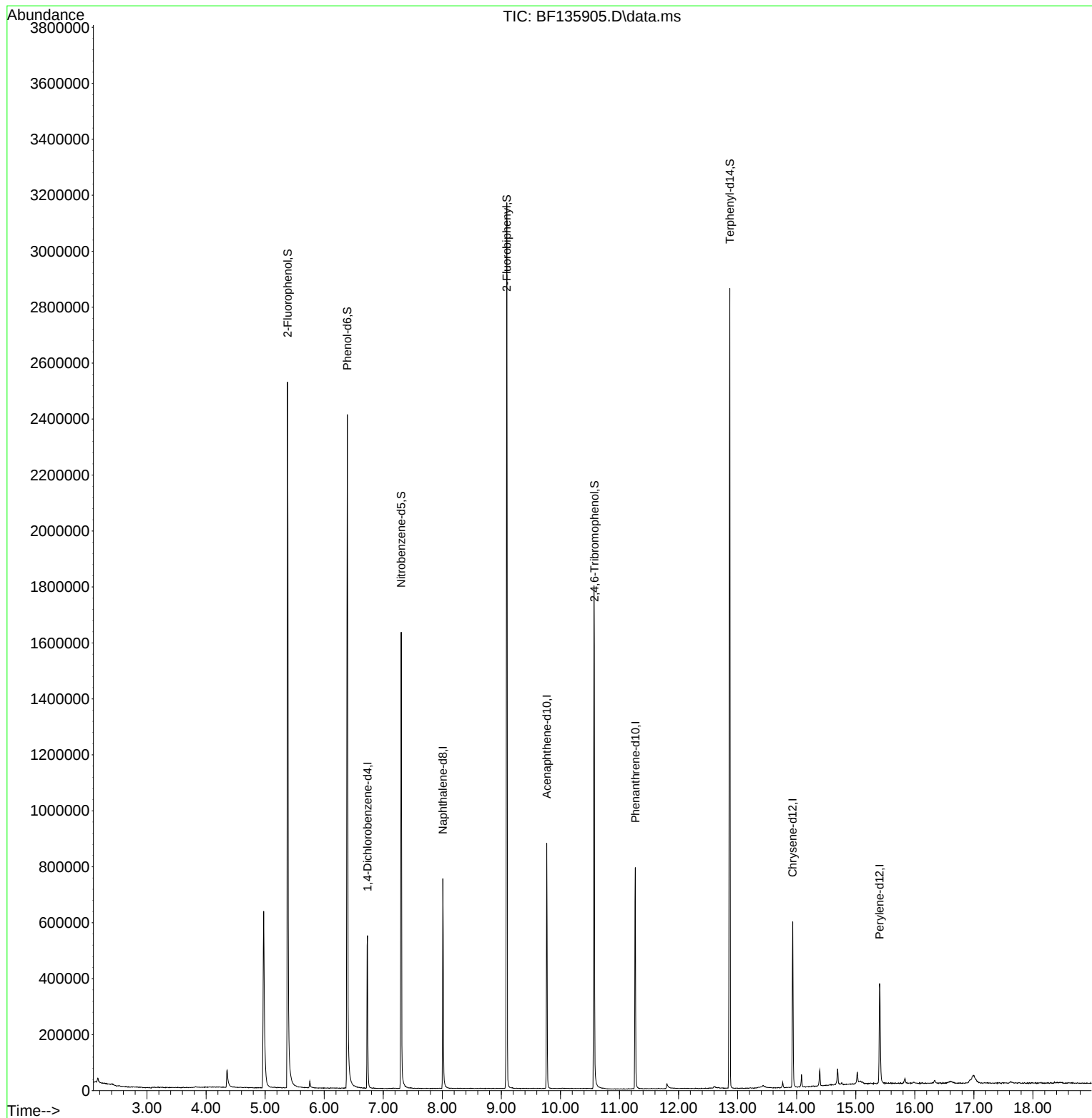
Target Compounds	Qvalue

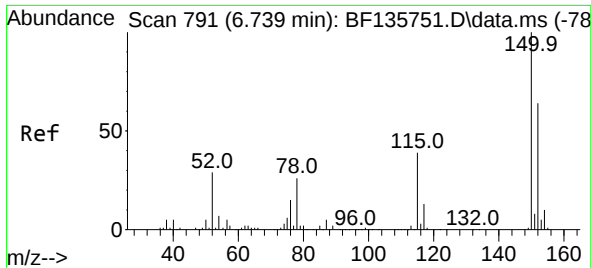
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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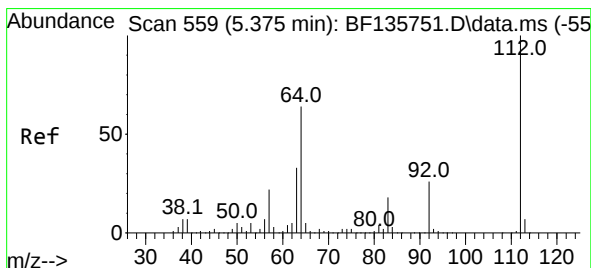
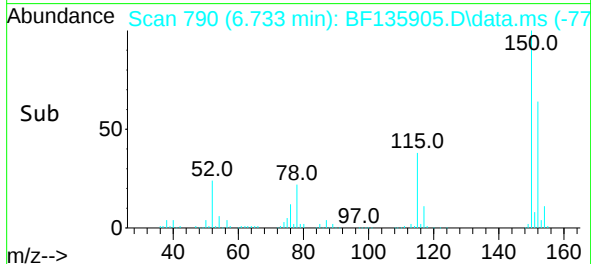
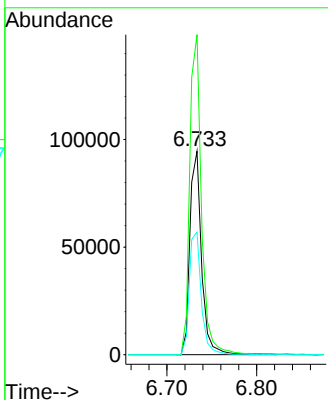
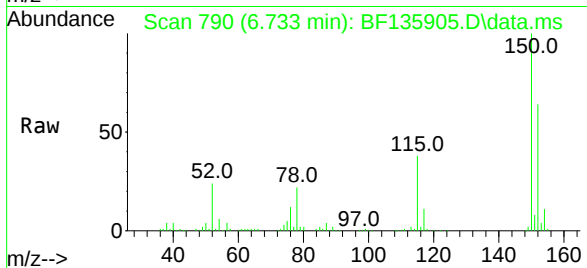




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.733 min Scan# 791
Delta R.T. -0.013 min
Lab File: BF135905.D
Acq: 20 Oct 2023 13:28

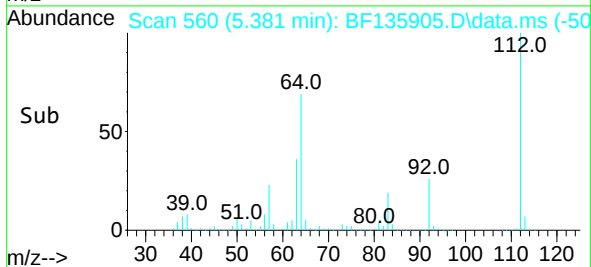
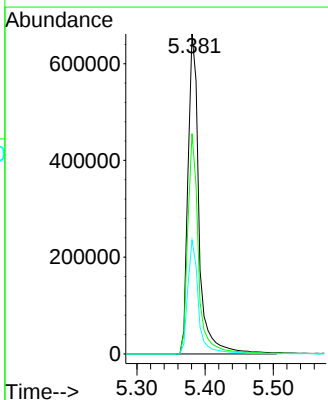
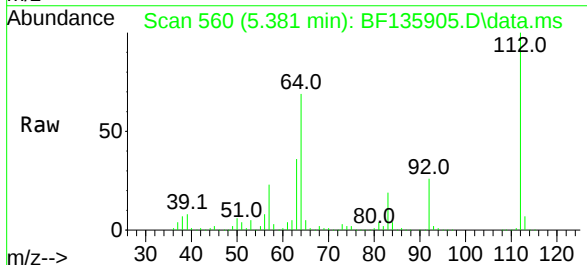
Instrument :
BNA_F
ClientSampleId :
PB156209BL

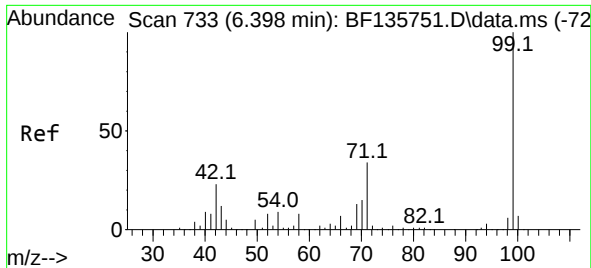
Tgt Ion:152 Resp: 85530
Ion Ratio Lower Upper
152 100
150 157.3 124.5 186.7
115 60.4 49.0 73.4



#5
2-Fluorophenol
Concen: 139.534 ng
RT: 5.381 min Scan# 560
Delta R.T. 0.006 min
Lab File: BF135905.D
Acq: 20 Oct 2023 13:28

Tgt Ion:112 Resp: 742298
Ion Ratio Lower Upper
112 100
64 68.9 51.2 76.8
63 35.6 26.1 39.1

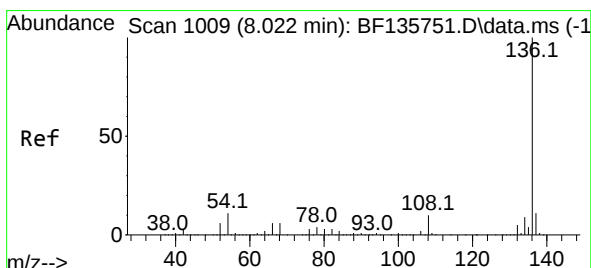
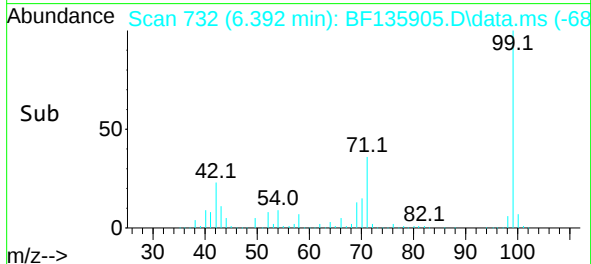
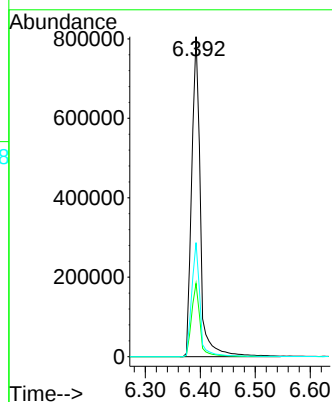
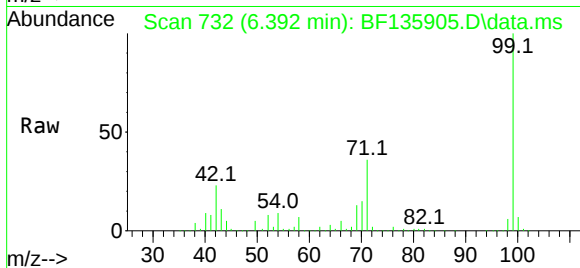




#7
Phenol-d6
Concen: 133.569 ng
RT: 6.392 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135905.D
Acq: 20 Oct 2023 13:28

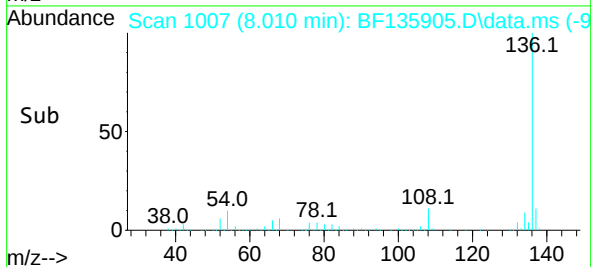
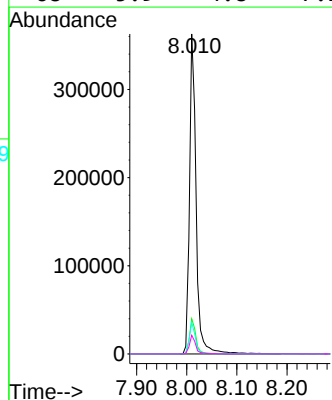
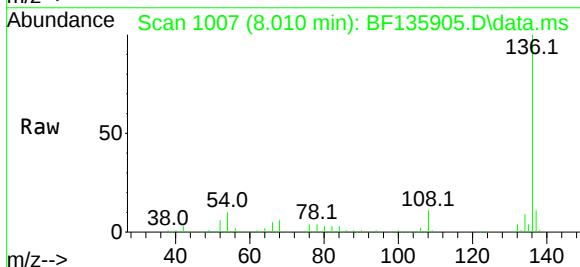
Instrument :
BNA_F
ClientSampleId :
PB156209BL

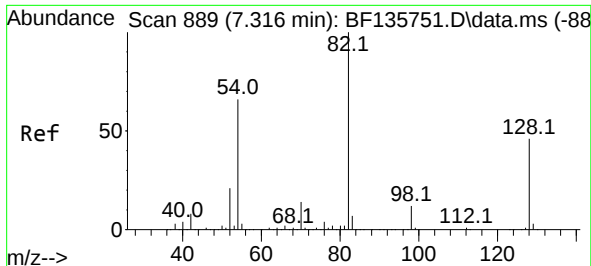
Tgt Ion: 99 Resp: 886594
Ion Ratio Lower Upper
99 100
42 22.9 18.4 27.6
71 35.7 27.2 40.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.012 min
Lab File: BF135905.D
Acq: 20 Oct 2023 13:28

Tgt Ion: 136 Resp: 334276
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 9.8 8.5 12.7
68 5.9 4.8 7.2





#23

Nitrobenzene-d5

Concen: 85.500 ng

RT: 7.304 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF135905.D

Acq: 20 Oct 2023 13:28

Instrument :

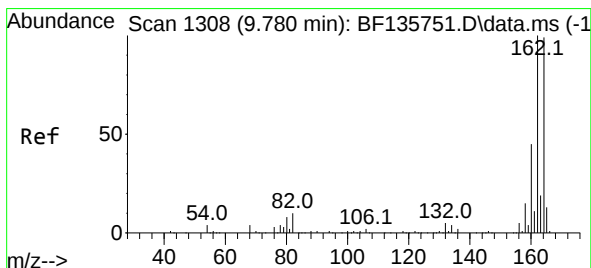
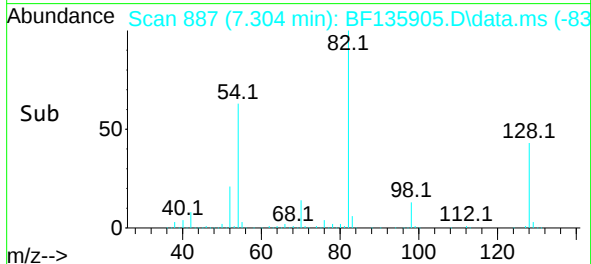
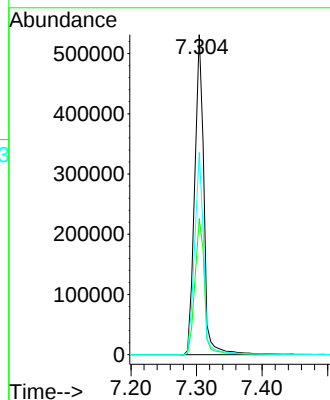
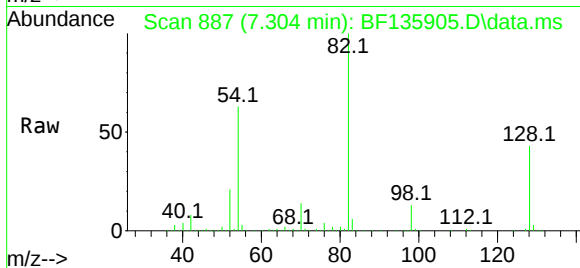
BNA_F

ClientSampleId :

PB156209BL

Tgt Ion: 82 Resp: 519657

Ion	Ratio	Lower	Upper
82	100		
128	42.5	37.0	55.6
54	63.2	52.8	79.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.769 min Scan# 1306

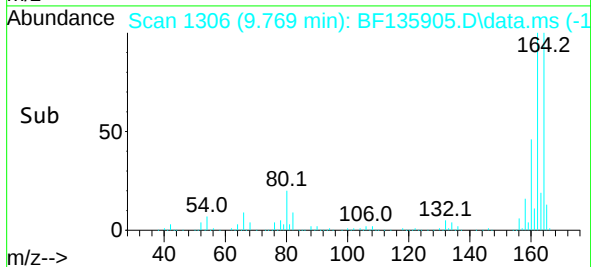
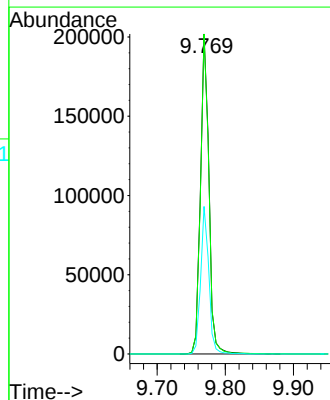
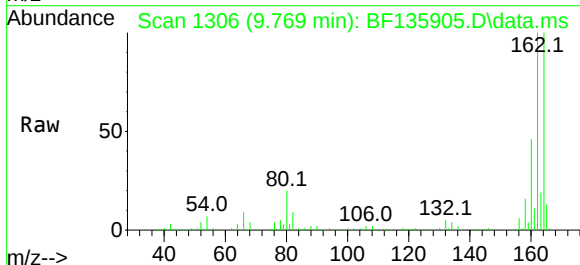
Delta R.T. -0.018 min

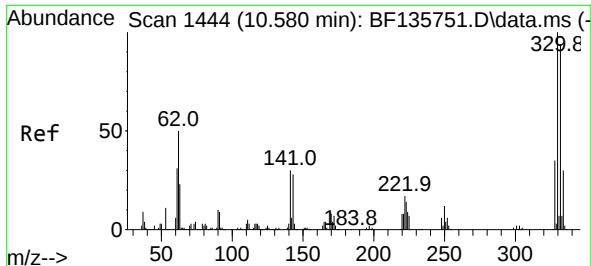
Lab File: BF135905.D

Acq: 20 Oct 2023 13:28

Tgt Ion: 164 Resp: 173053

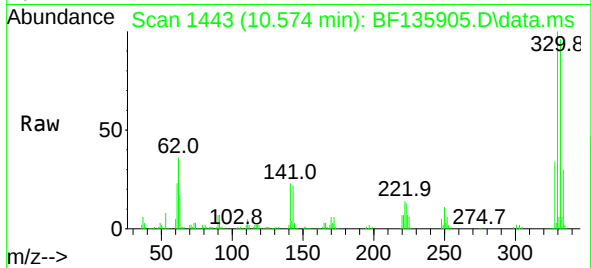
Ion	Ratio	Lower	Upper
164	100		
162	100.0	80.8	121.2
160	46.1	36.6	54.8



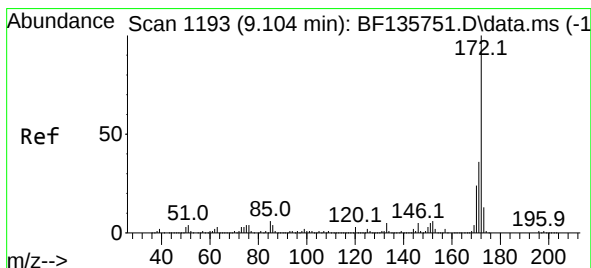
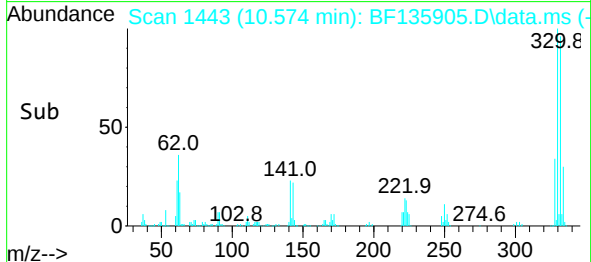
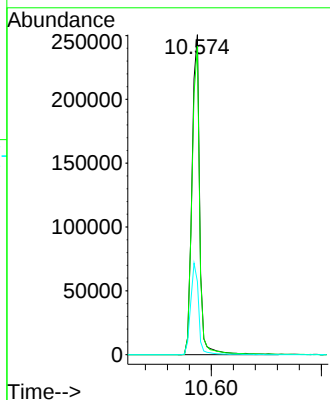


#42
2,4,6-Tribromophenol
Concen: 145.704 ng
RT: 10.574 min Scan# 1444
Delta R.T. -0.012 min
Lab File: BF135905.D
Acq: 20 Oct 2023 13:28

Instrument :
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ClientSampleId :
PB156209BL

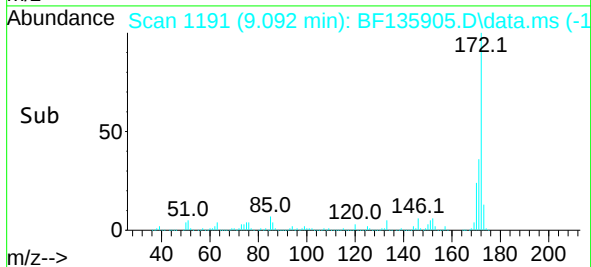
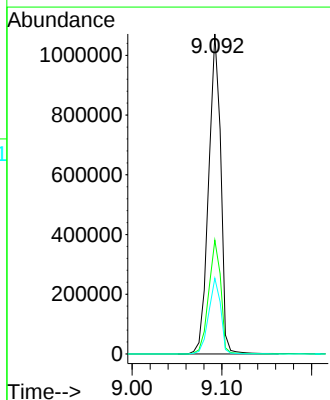
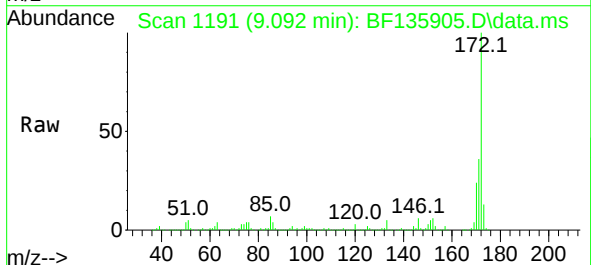


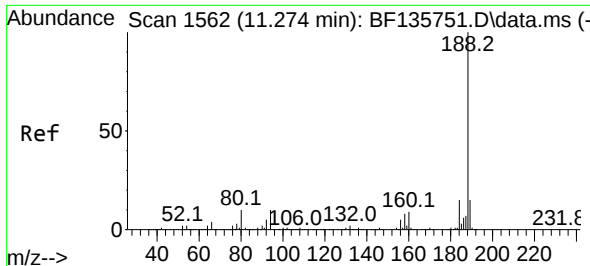
Tgt Ion:330 Resp: 241954
Ion Ratio Lower Upper
330 100
332 96.0 75.0 112.4
141 29.5 25.8 38.6



#45
2-Fluorobiphenyl
Concen: 90.879 ng
RT: 9.092 min Scan# 1191
Delta R.T. -0.012 min
Lab File: BF135905.D
Acq: 20 Oct 2023 13:28

Tgt Ion:172 Resp: 1005866
Ion Ratio Lower Upper
172 100
171 35.6 28.4 42.6
170 23.7 18.8 28.2

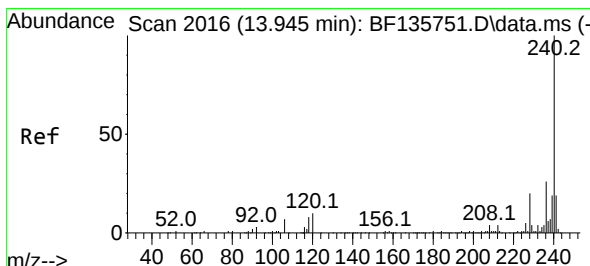
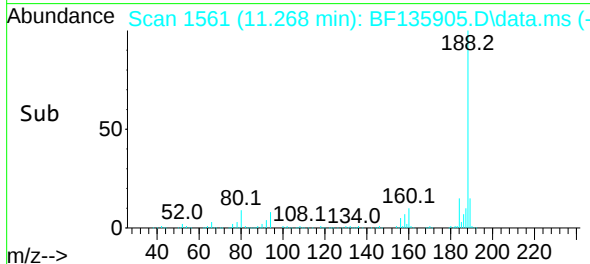
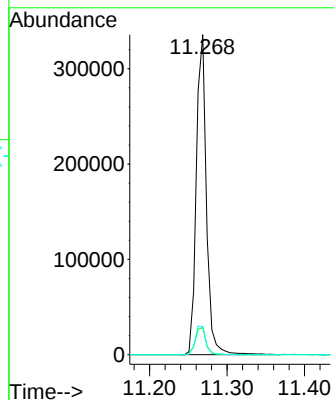
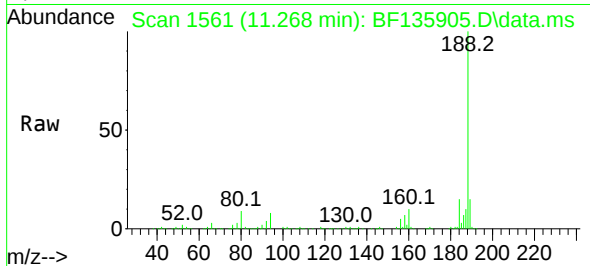




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.268 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF135905.D
Acq: 20 Oct 2023 13:28

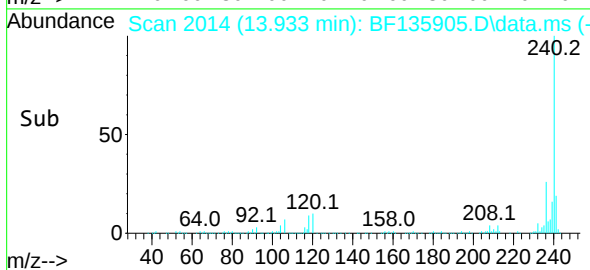
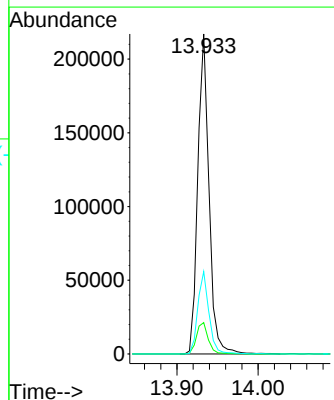
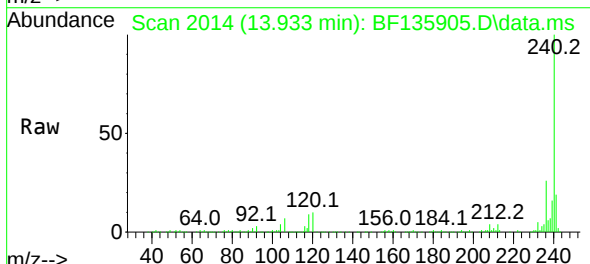
Instrument :
BNA_F
ClientSampleId :
PB156209BL

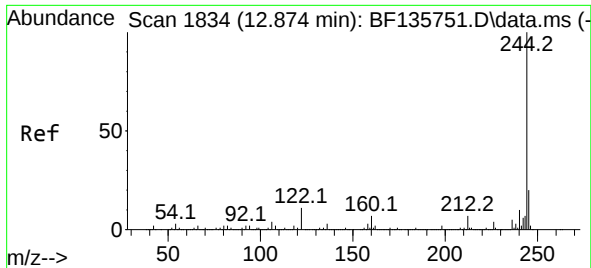
Tgt Ion:188 Resp: 304239
Ion Ratio Lower Upper
188 100
94 8.5 8.0 12.0
80 8.8 8.3 12.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.933 min Scan# 2014
Delta R.T. -0.018 min
Lab File: BF135905.D
Acq: 20 Oct 2023 13:28

Tgt Ion:240 Resp: 209418
Ion Ratio Lower Upper
240 100
120 9.8 8.2 12.2
236 25.8 21.2 31.8



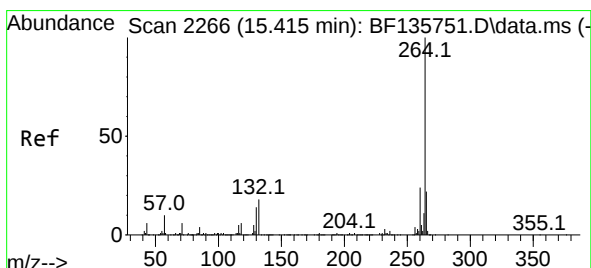
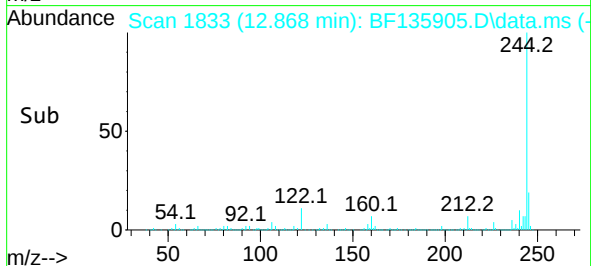
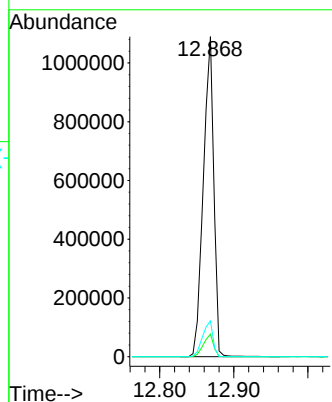
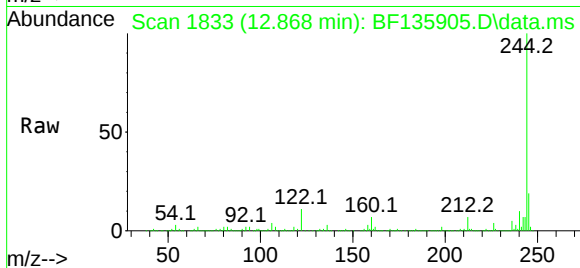


#79
 Terphenyl-d14
 Concen: 94.338 ng
 RT: 12.868 min Scan# 1833
 Delta R.T. -0.012 min
 Lab File: BF135905.D
 Acq: 20 Oct 2023 13:28

Instrument :
 BNA_F
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Tgt Ion:244 Resp: 1066793

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	11.2	9.0	13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.404 min Scan# 2264
 Delta R.T. -0.018 min
 Lab File: BF135905.D
 Acq: 20 Oct 2023 13:28

Tgt Ion:264 Resp: 179735

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	20.0	17.4	26.2

