

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041723\
 Data File : BF132893.D
 Acq On : 17 Apr 2023 17:06
 Operator : CG\JU
 Sample : PB152124BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152124BL

Quant Time: Apr 18 05:17:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 18 04:51:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	306083	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	1255852	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	671553	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	1238127	20.000	ng	0.00
76) Chrysene-d12	13.916	240	836213	20.000	ng	-0.01
86) Perylene-d12	15.351	264	761647	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	2542664	129.896	ng	0.02
7) Phenol-d6	6.398	99	3246047	129.956	ng	0.00
23) Nitrobenzene-d5	7.328	82	2043010	84.796	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	900350	133.668	ng	0.00
45) 2-Fluorobiphenyl	9.128	172	3427953	78.417	ng	0.00
79) Terphenyl-d14	12.880	244	4145797	84.584	ng	0.00

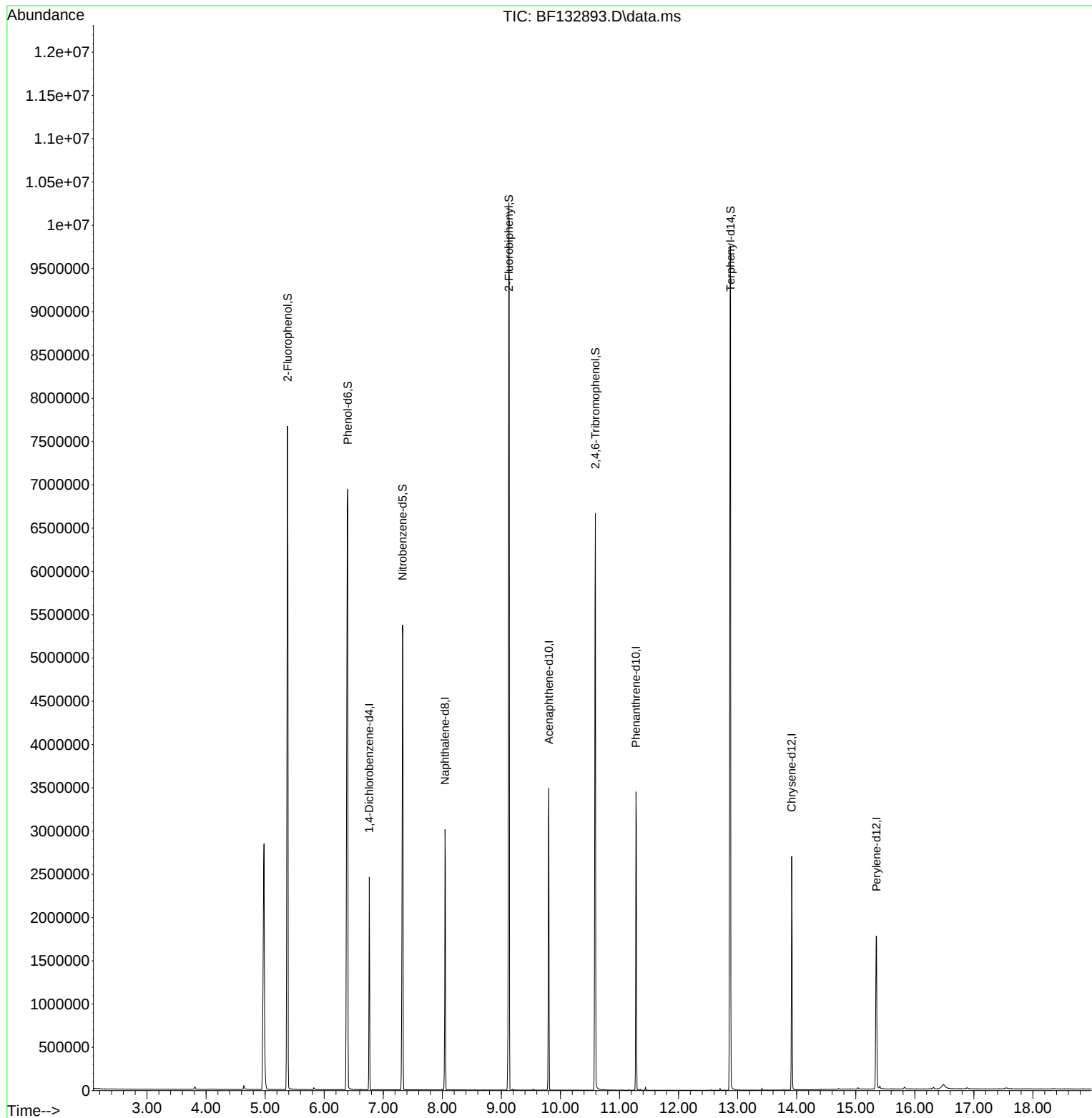
Target Compounds	Qvalue

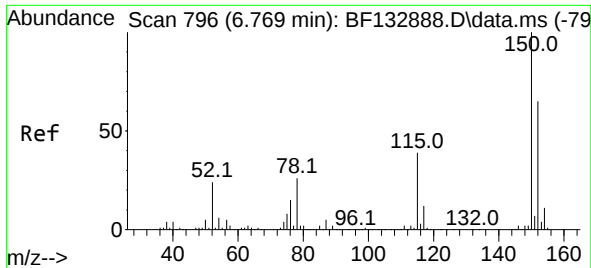
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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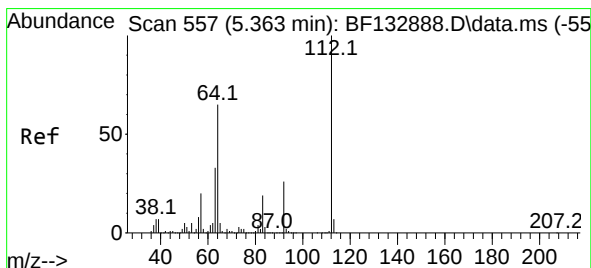
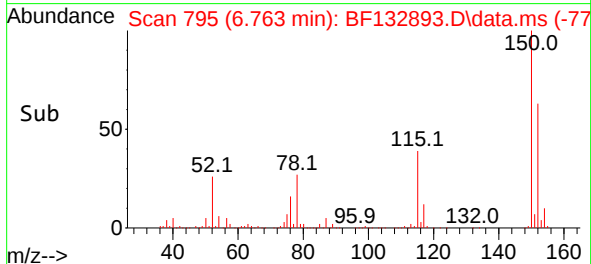
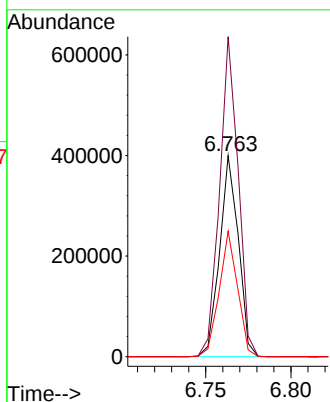
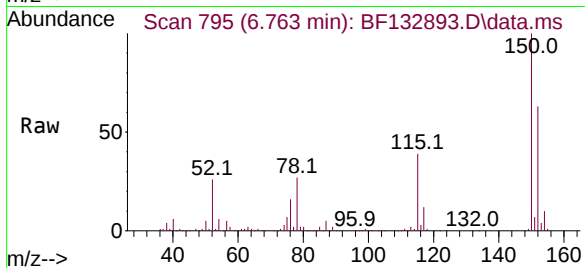




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 796
Delta R.T. -0.006 min
Lab File: BF132893.D
Acq: 17 Apr 2023 17:06

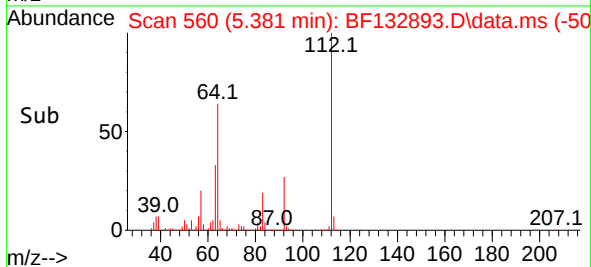
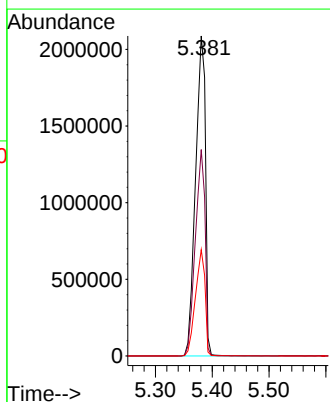
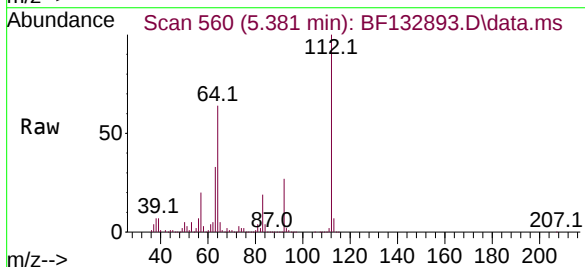
Instrument :
BNA_F
ClientSampleId :
PB152124BL

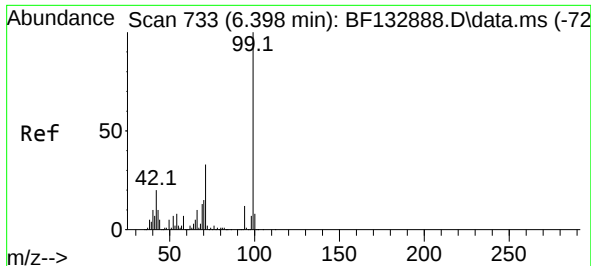
Tgt Ion:152 Resp: 306083
Ion Ratio Lower Upper
152 100
150 159.2 122.8 184.2
115 62.4 47.3 70.9



#5
2-Fluorophenol
Concen: 129.896 ng
RT: 5.381 min Scan# 560
Delta R.T. 0.018 min
Lab File: BF132893.D
Acq: 17 Apr 2023 17:06

Tgt Ion:112 Resp: 2542664
Ion Ratio Lower Upper
112 100
64 64.5 51.8 77.8
63 33.2 26.3 39.5

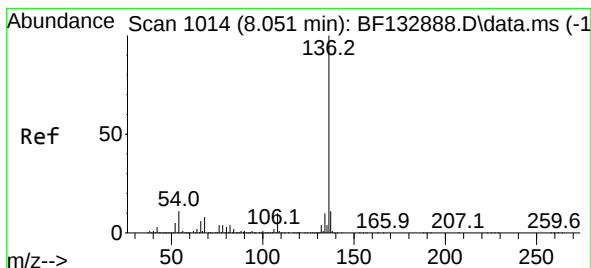
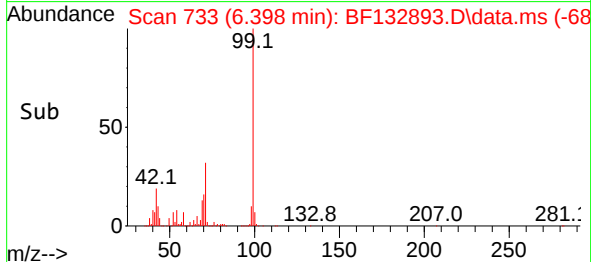
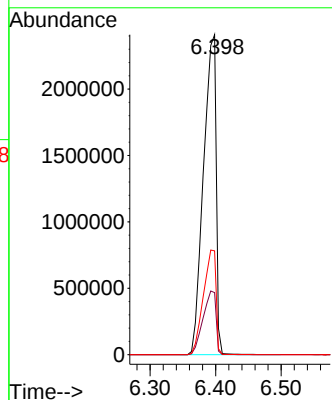
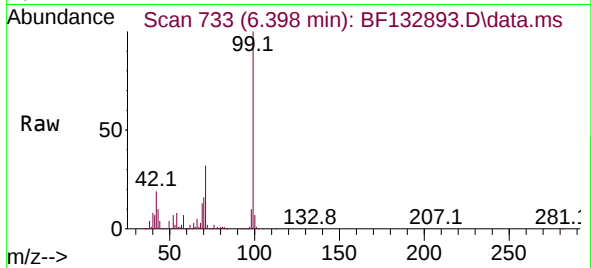




#7
Phenol-d6
Concen: 129.956 ng
RT: 6.398 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132893.D
Acq: 17 Apr 2023 17:06

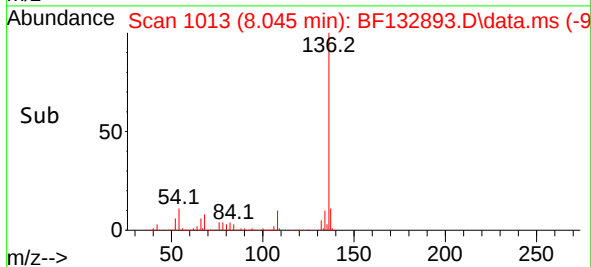
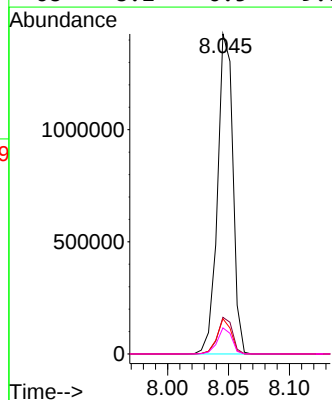
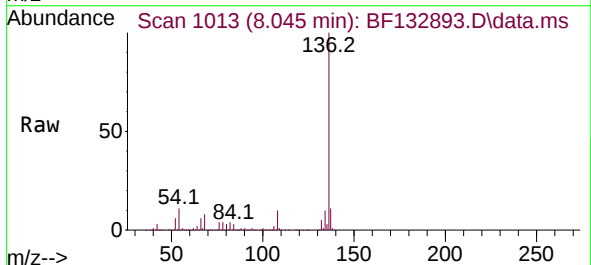
Instrument :
BNA_F
ClientSampleId :
PB152124BL

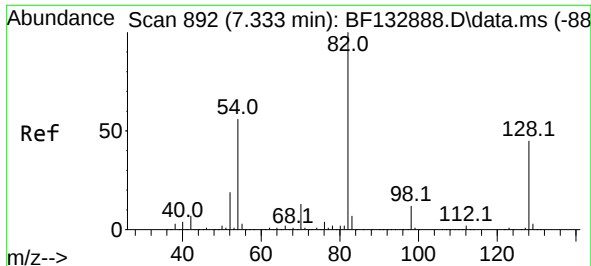
Tgt Ion: 99 Resp: 3246047
Ion Ratio Lower Upper
99 100
42 19.4 16.1 24.1
71 32.5 26.1 39.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.045 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF132893.D
Acq: 17 Apr 2023 17:06

Tgt Ion: 136 Resp: 1255852
Ion Ratio Lower Upper
136 100
137 11.5 9.0 13.4
54 11.0 8.9 13.3
68 8.2 6.5 9.7





#23

Nitrobenzene-d5

Concen: 84.796 ng

RT: 7.328 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF132893.D

Acq: 17 Apr 2023 17:06

Instrument :

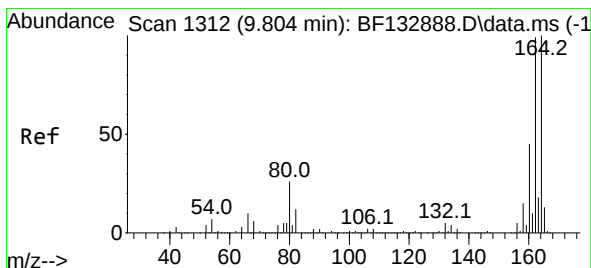
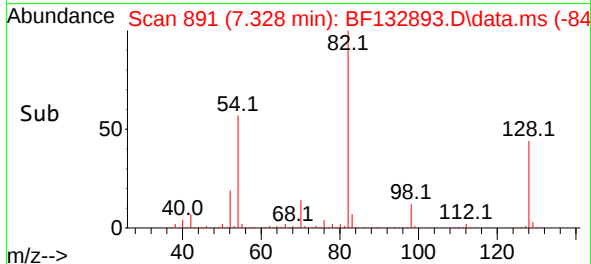
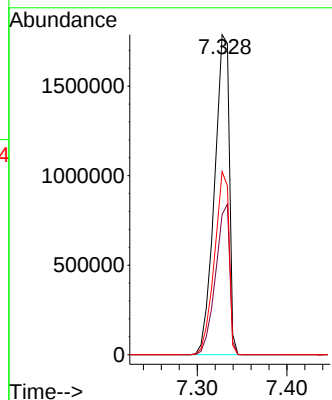
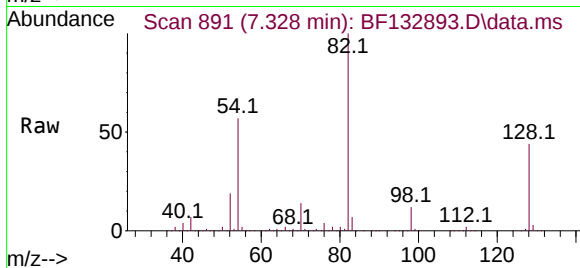
BNA_F

ClientSampleId :

PB152124BL

Tgt Ion: 82 Resp: 2043010

Ion	Ratio	Lower	Upper
82	100		
128	43.8	35.7	53.5
54	57.2	44.7	67.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.804 min Scan# 1312

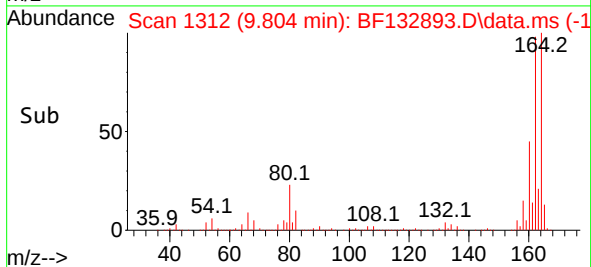
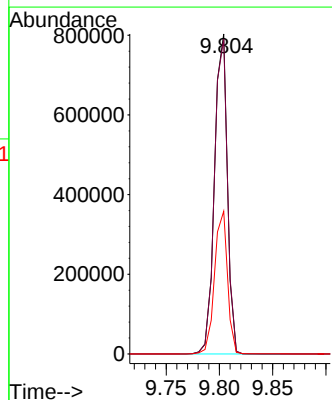
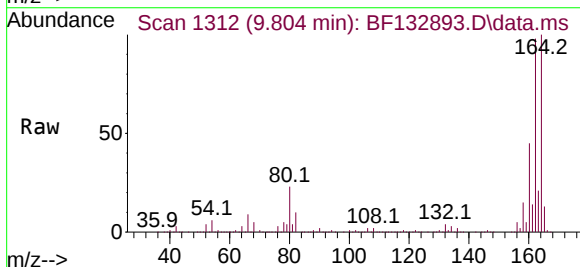
Delta R.T. 0.000 min

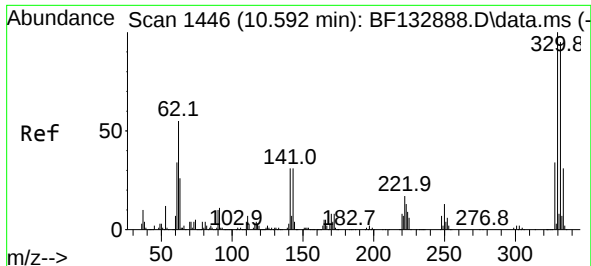
Lab File: BF132893.D

Acq: 17 Apr 2023 17:06

Tgt Ion: 164 Resp: 671553

Ion	Ratio	Lower	Upper
164	100		
162	98.3	79.1	118.7
160	44.6	35.6	53.4

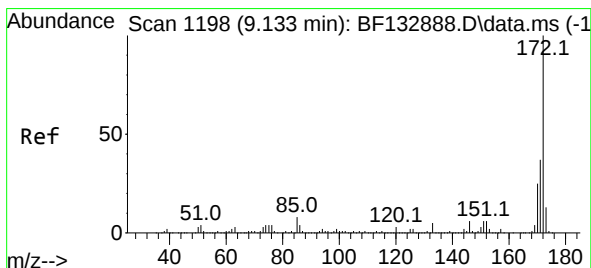
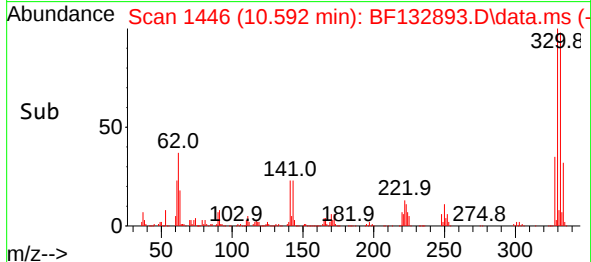
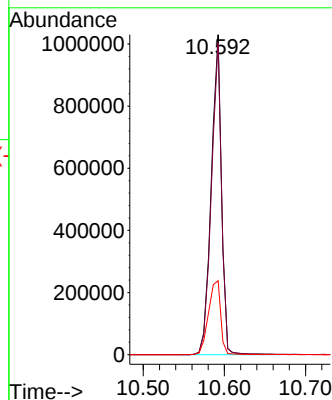
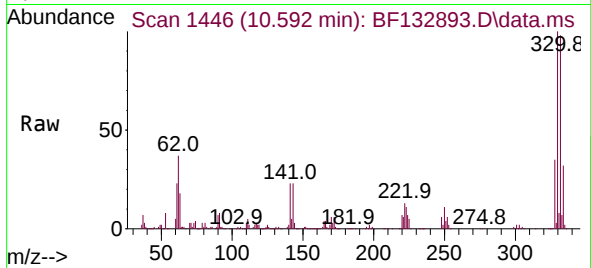




#42
2,4,6-Tribromophenol
Concen: 133.668 ng
RT: 10.592 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BF132893.D
Acq: 17 Apr 2023 17:06

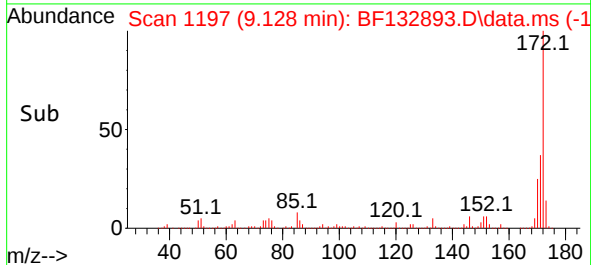
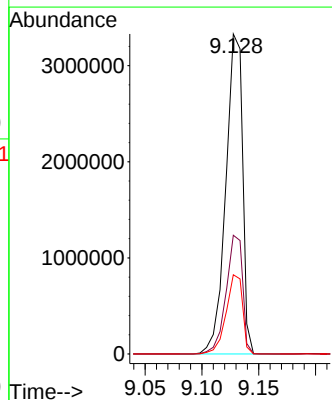
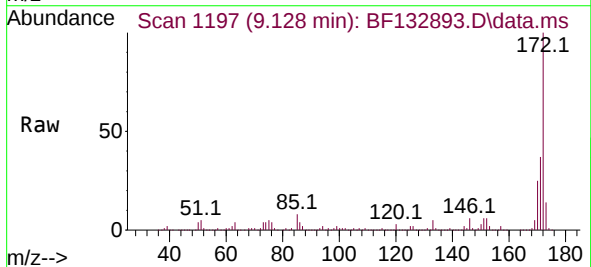
Instrument :
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ClientSampleId :
PB152124BL

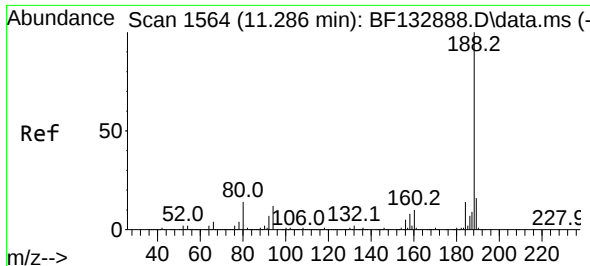
Tgt Ion:330 Resp: 900350
Ion Ratio Lower Upper
330 100
332 96.6 76.3 114.5
141 27.6 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 78.417 ng
RT: 9.128 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BF132893.D
Acq: 17 Apr 2023 17:06

Tgt Ion:172 Resp: 3427953
Ion Ratio Lower Upper
172 100
171 37.1 29.4 44.0
170 24.7 20.1 30.1

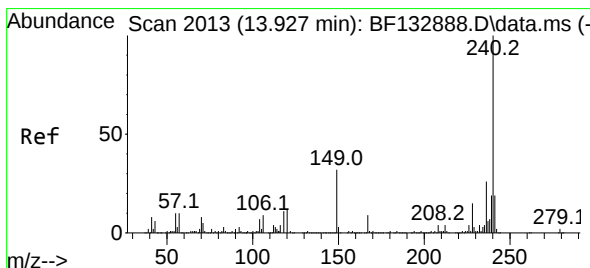
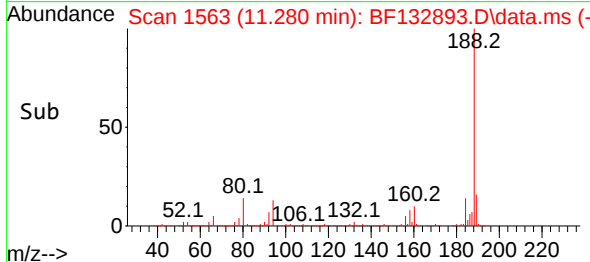
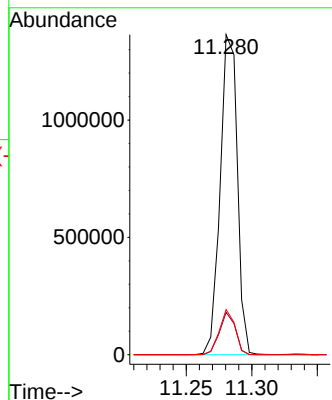
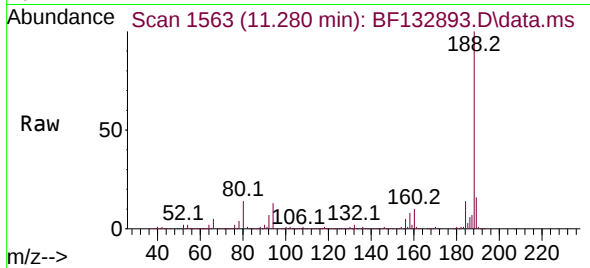




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.280 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132893.D
Acq: 17 Apr 2023 17:06

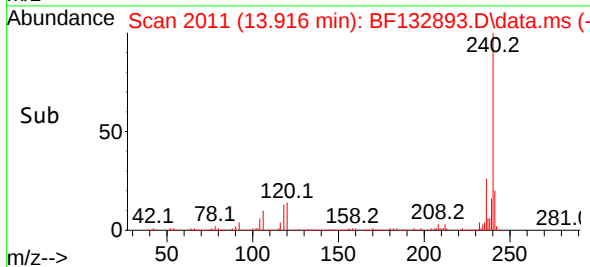
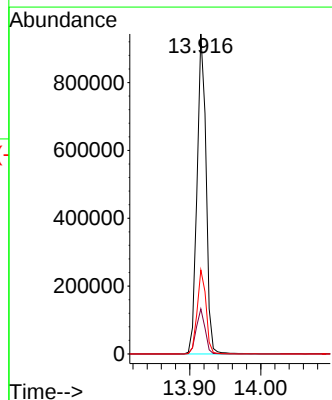
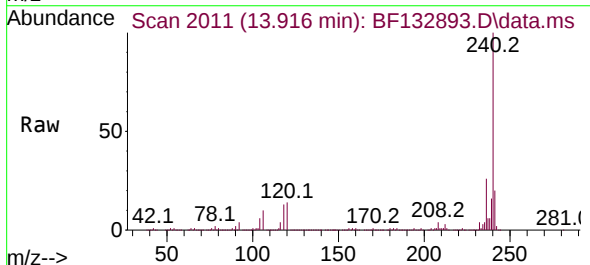
Instrument :
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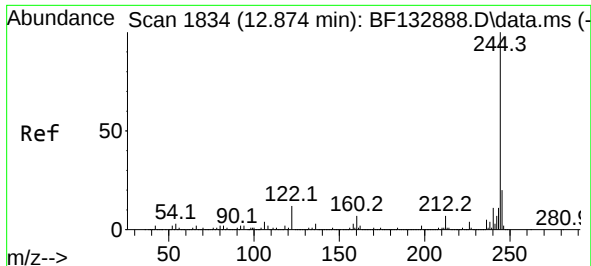
Tgt Ion:188 Resp: 1238127
Ion Ratio Lower Upper
188 100
94 13.2 9.9 14.9
80 14.1 10.8 16.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.916 min Scan# 2011
Delta R.T. -0.012 min
Lab File: BF132893.D
Acq: 17 Apr 2023 17:06

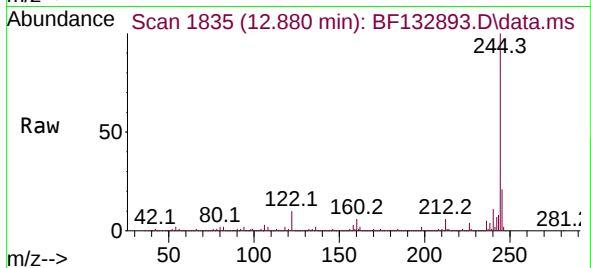
Tgt Ion:240 Resp: 836213
Ion Ratio Lower Upper
240 100
120 14.1 10.0 15.0
236 26.3 20.8 31.2



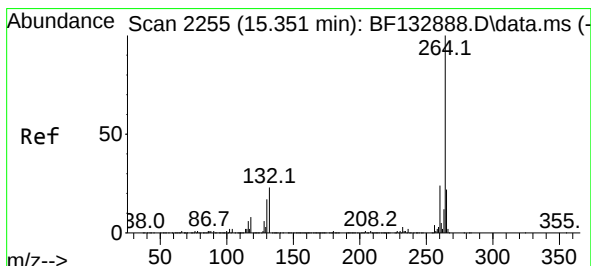
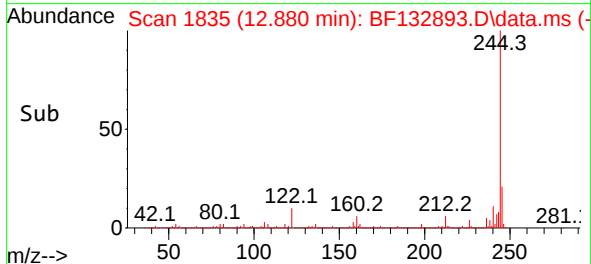
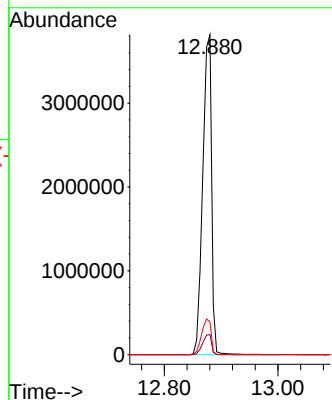


#79
 Terphenyl-d14
 Concen: 84.584 ng
 RT: 12.880 min Scan# 1835
 Delta R.T. 0.006 min
 Lab File: BF132893.D
 Acq: 17 Apr 2023 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB152124BL



Tgt Ion:244 Resp: 4145797
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.4 8.0
 122 10.2 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.351 min Scan# 2255
 Delta R.T. -0.000 min
 Lab File: BF132893.D
 Acq: 17 Apr 2023 17:06

Tgt Ion:264 Resp: 761647
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.6
 265 21.4 17.7 26.5

