

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041923\
 Data File : BF132927.D
 Acq On : 19 Apr 2023 23:15
 Operator : CG\JU
 Sample : 02407-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NORTH-ST-&-BAY-AVE-INTERSECTION

Quant Time: Apr 20 01:52:21 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	281206	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	1140191	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	618238	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	1072231	20.000	ng	0.00
76) Chrysene-d12	13.916	240	635455	20.000	ng	-0.01
86) Perylene-d12	15.345	264	653951	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	1978715	110.028	ng	0.00
7) Phenol-d6	6.393	99	2522872	109.939	ng	0.00
23) Nitrobenzene-d5	7.328	82	1563329	71.469	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	683254	110.185	ng	0.00
45) 2-Fluorobiphenyl	9.128	172	2530645	62.882	ng	0.00
79) Terphenyl-d14	12.869	244	2599707	69.797	ng	0.00

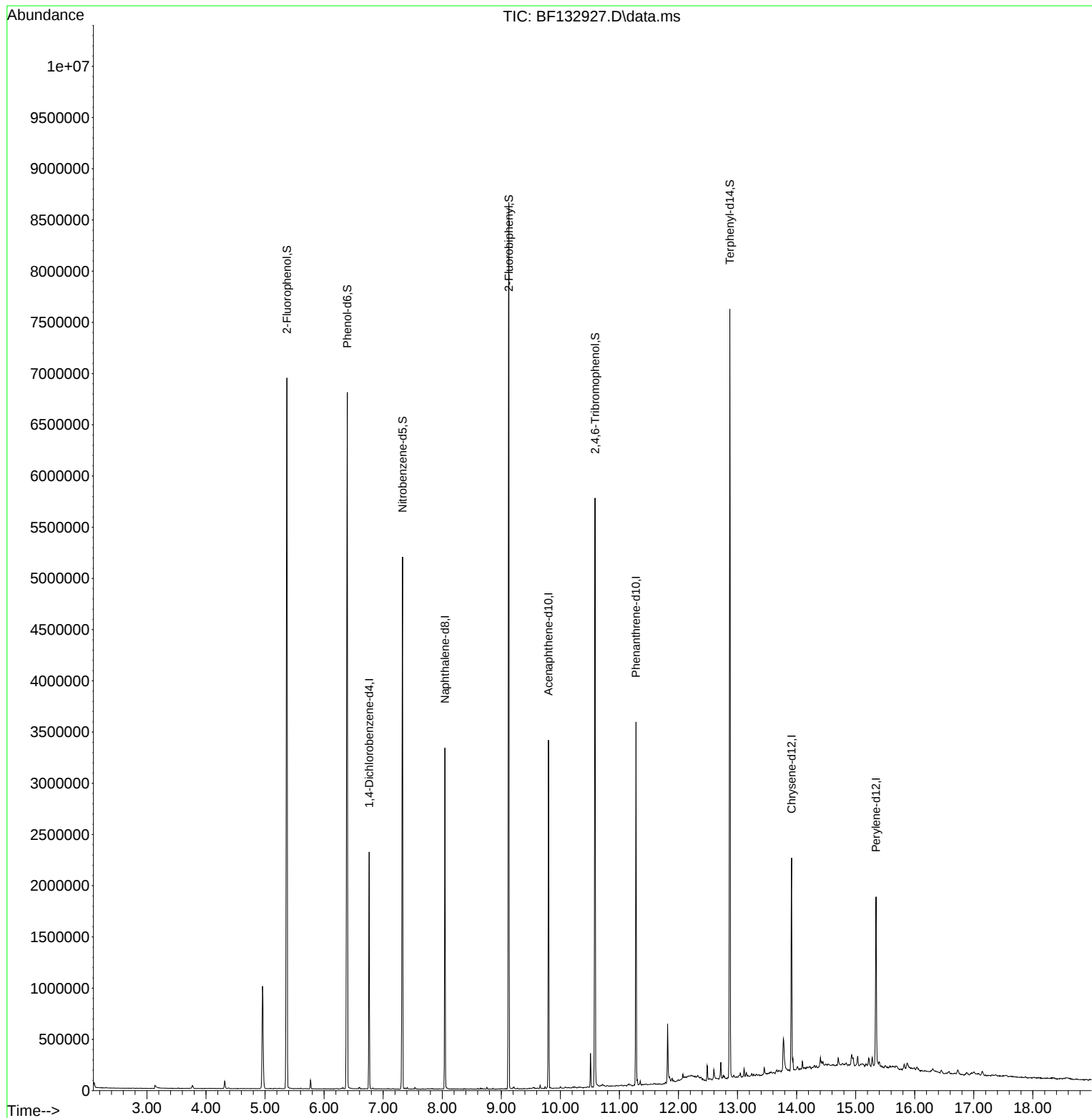
Target Compounds Qvalue

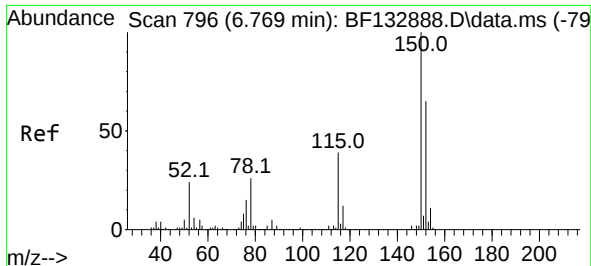
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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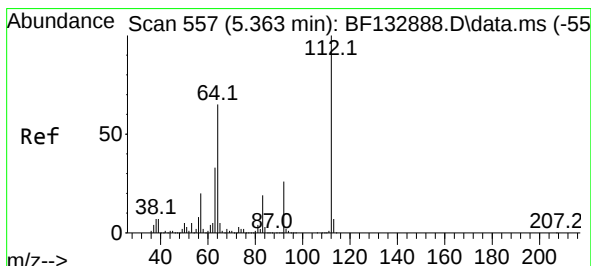
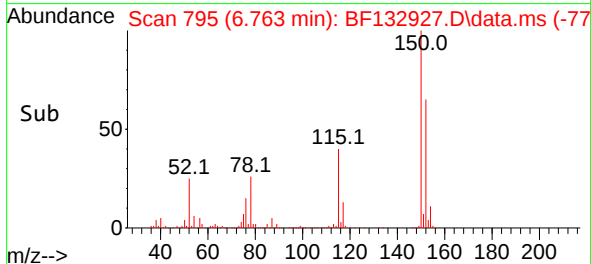
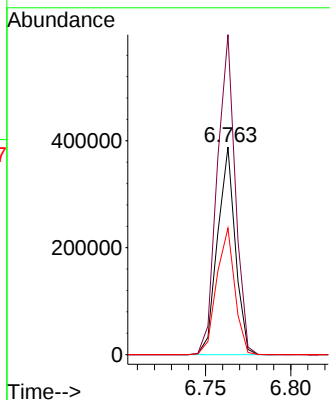
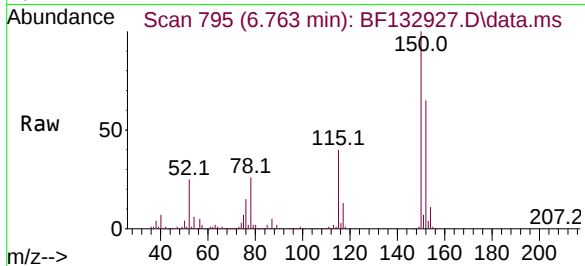




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 796
Delta R.T. -0.006 min
Lab File: BF132927.D
Acq: 19 Apr 2023 23:15

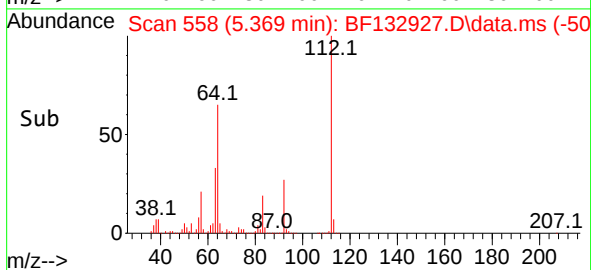
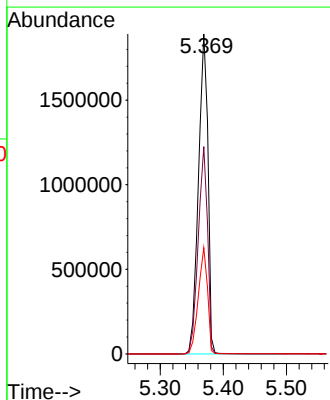
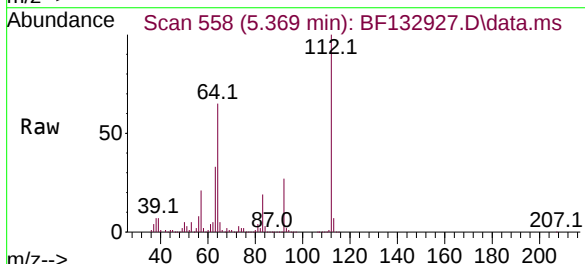
Instrument :
BNA_F
ClientSampleId :
NORTH-ST-&-BAY-AVE-INTERSECTION

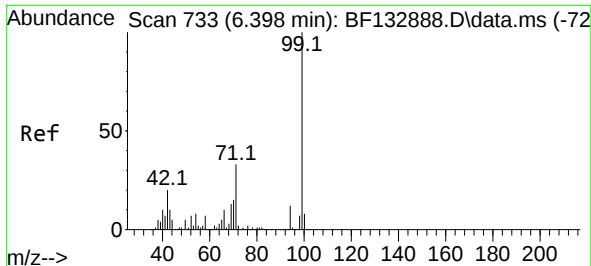
Tgt Ion:152 Resp: 281206
Ion Ratio Lower Upper
152 100
150 154.2 122.8 184.2
115 61.0 47.3 70.9



#5
2-Fluorophenol
Concen: 110.028 ng
RT: 5.369 min Scan# 558
Delta R.T. 0.006 min
Lab File: BF132927.D
Acq: 19 Apr 2023 23:15

Tgt Ion:112 Resp: 1978715
Ion Ratio Lower Upper
112 100
64 64.8 51.8 77.8
63 33.2 26.3 39.5

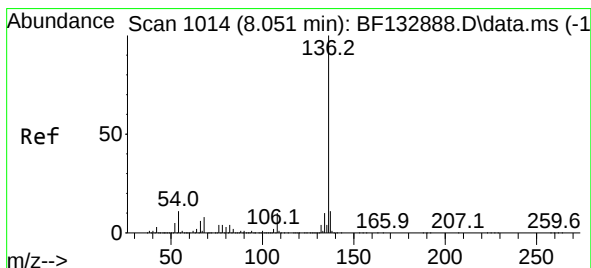
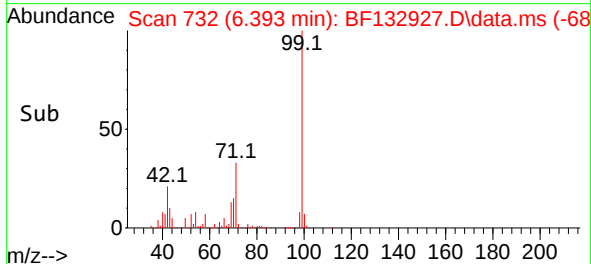
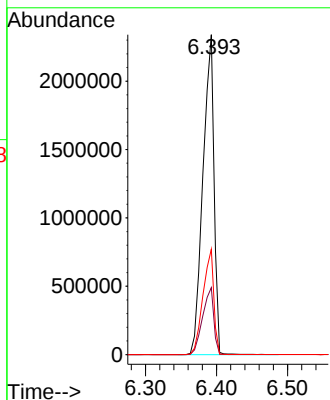
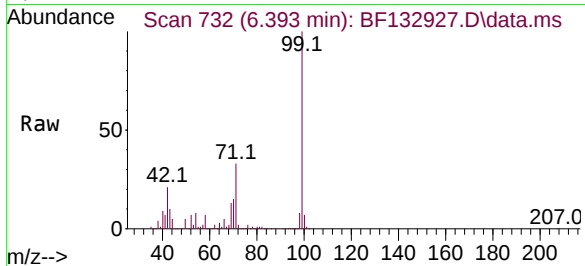




#7
Phenol-d6
Concen: 109.939 ng
RT: 6.393 min Scan# 733
Delta R.T. -0.006 min
Lab File: BF132927.D
Acq: 19 Apr 2023 23:15

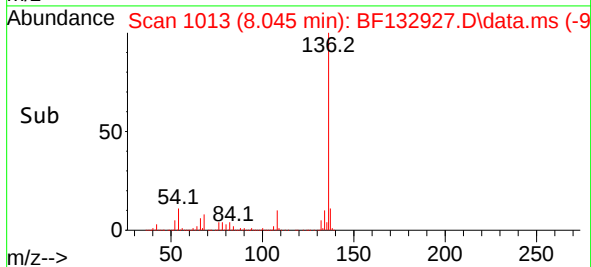
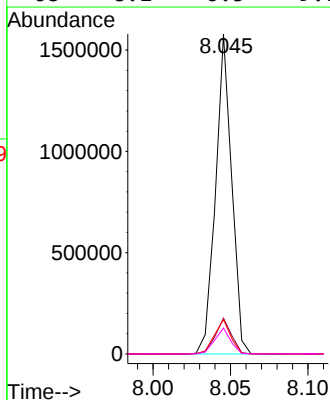
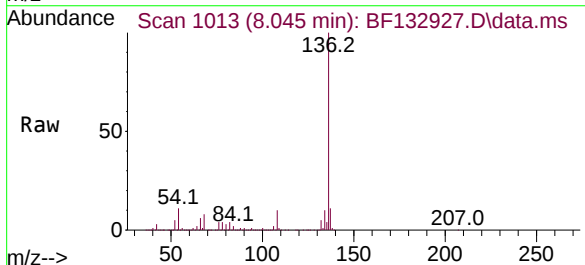
Instrument :
BNA_F
ClientSampleId :
NORTH-ST-&-BAY-AVE-INTERSECTION

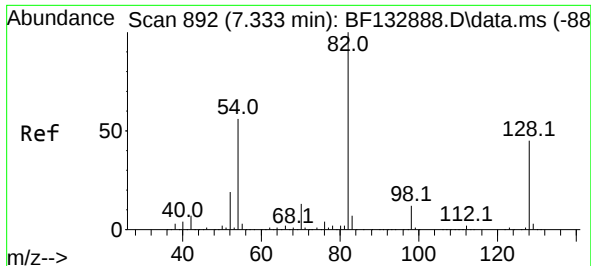
Tgt Ion: 99 Resp: 2522872
Ion Ratio Lower Upper
99 100
42 20.9 16.1 24.1
71 32.9 26.1 39.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.045 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF132927.D
Acq: 19 Apr 2023 23:15

Tgt Ion:136 Resp: 1140191
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 10.7 8.9 13.3
68 8.1 6.5 9.7





#23

Nitrobenzene-d5

Concen: 71.469 ng

RT: 7.328 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF132927.D

Acq: 19 Apr 2023 23:15

Instrument :

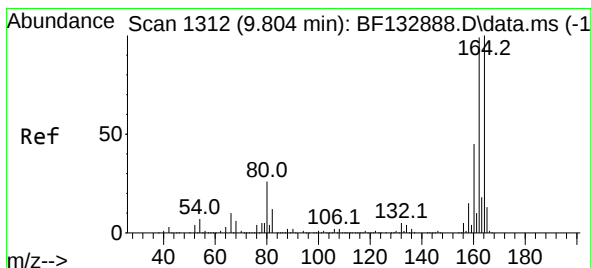
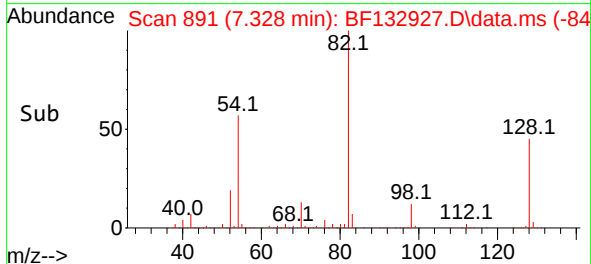
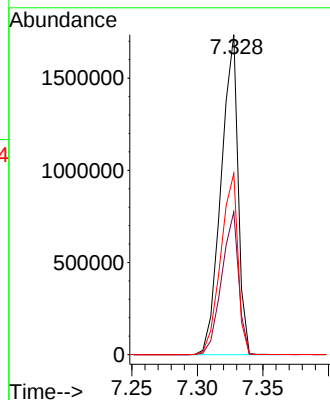
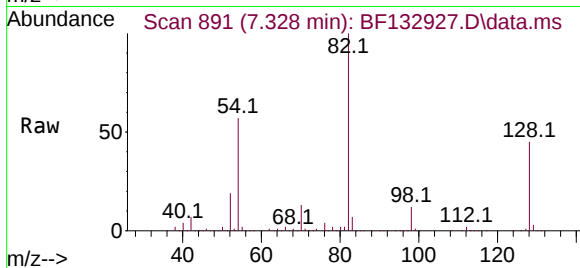
BNA_F

ClientSampleId :

NORTH-ST-&-BAY-AVE-INTERSECTION

Tgt Ion: 82 Resp: 1563329

Ion	Ratio	Lower	Upper
82	100		
128	44.6	35.7	53.5
54	56.6	44.7	67.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.798 min Scan# 1311

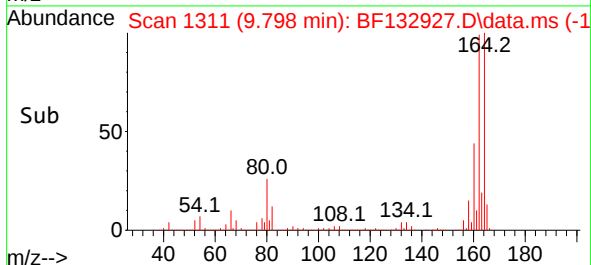
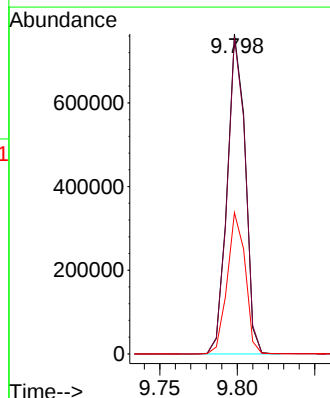
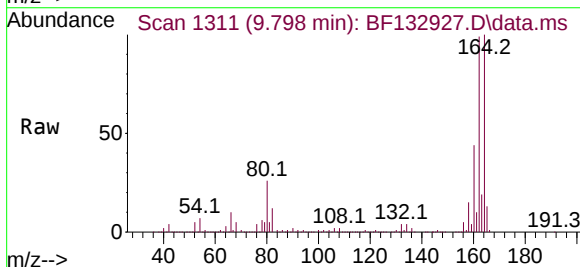
Delta R.T. -0.006 min

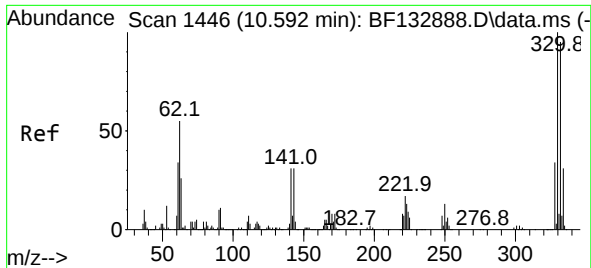
Lab File: BF132927.D

Acq: 19 Apr 2023 23:15

Tgt Ion:164 Resp: 618238

Ion	Ratio	Lower	Upper
164	100		
162	99.0	79.1	118.7
160	44.1	35.6	53.4

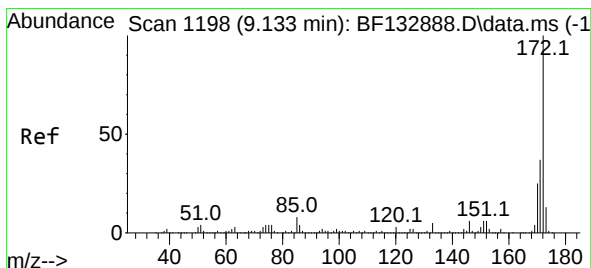
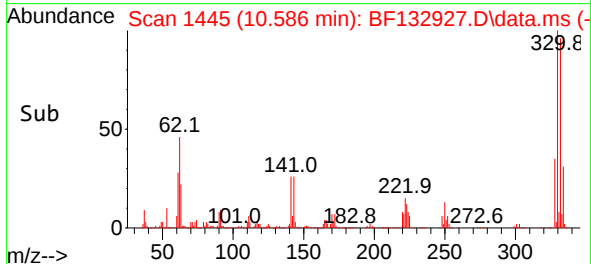
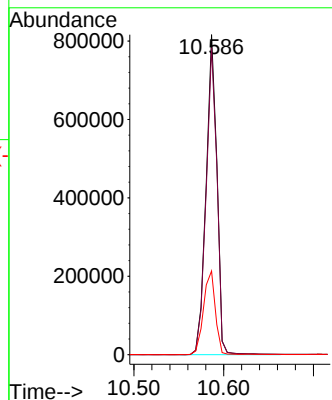
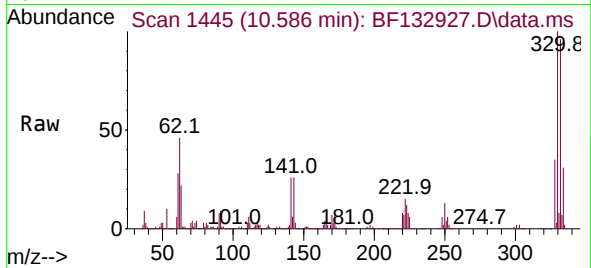




#42
2,4,6-Tribromophenol
Concen: 110.185 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.006 min
Lab File: BF132927.D
Acq: 19 Apr 2023 23:15

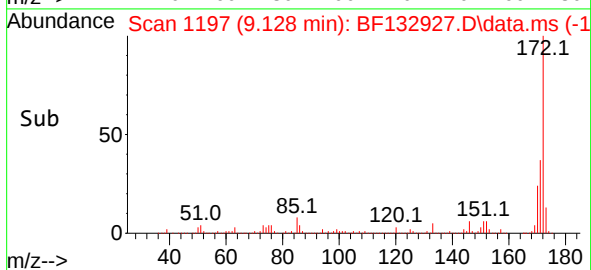
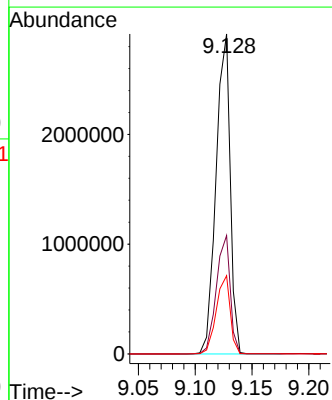
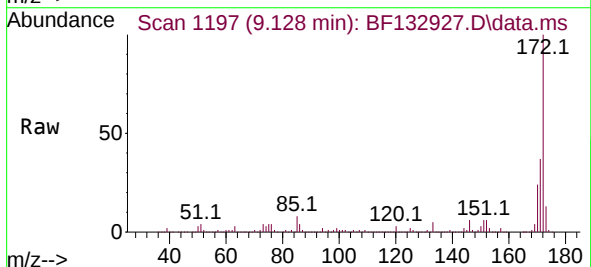
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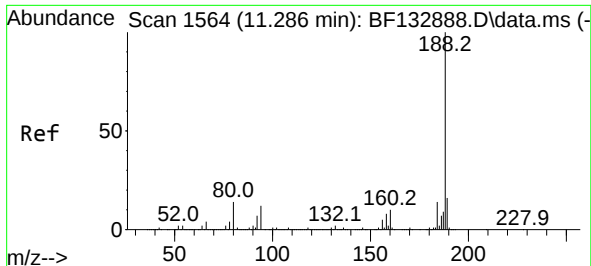
Tgt Ion:330 Resp: 683254
Ion Ratio Lower Upper
330 100
332 96.7 76.3 114.5
141 28.6 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 62.882 ng
RT: 9.128 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BF132927.D
Acq: 19 Apr 2023 23:15

Tgt Ion:172 Resp: 2530645
Ion Ratio Lower Upper
172 100
171 37.0 29.4 44.0
170 24.4 20.1 30.1

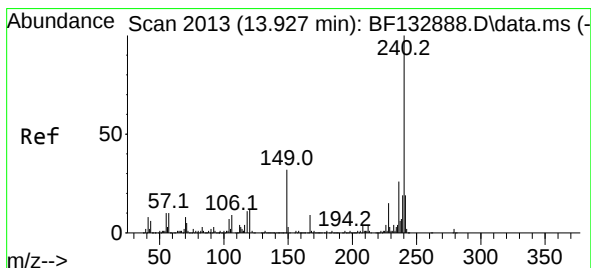
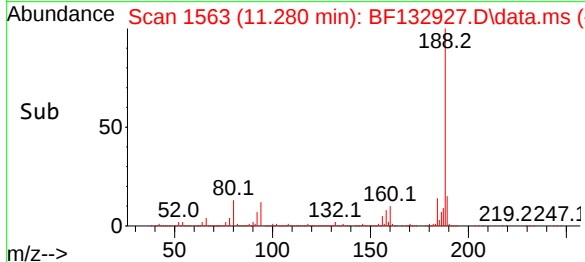
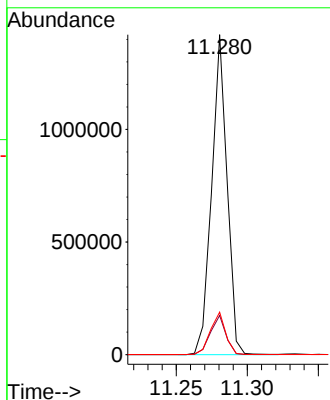
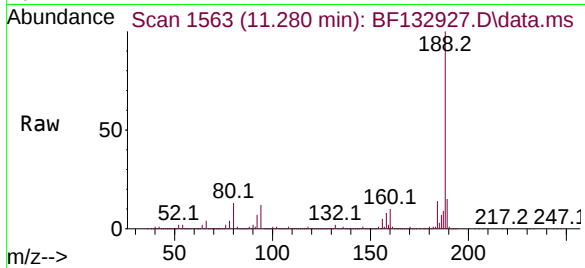




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.280 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132927.D
Acq: 19 Apr 2023 23:15

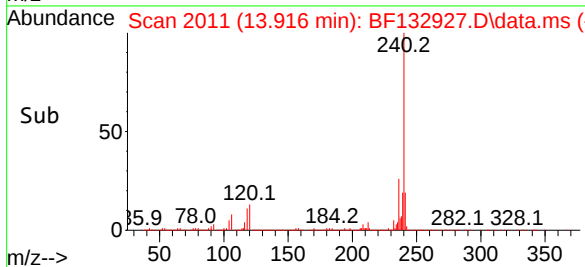
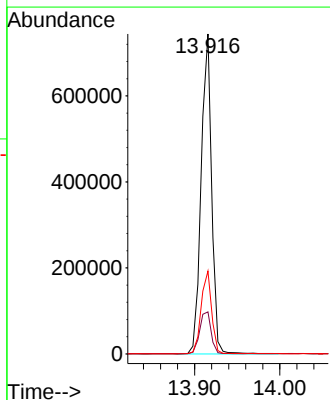
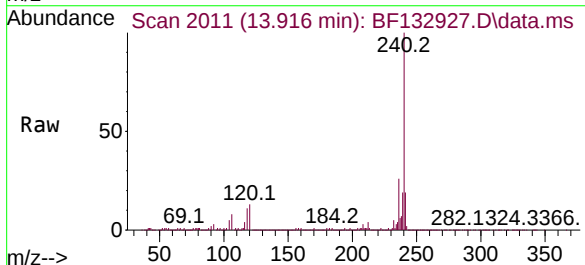
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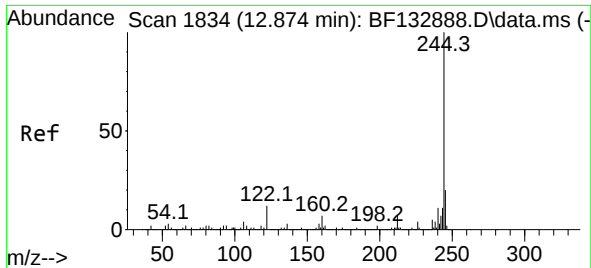
Tgt Ion:188 Resp: 1072231
Ion Ratio Lower Upper
188 100
94 12.2 9.9 14.9
80 13.3 10.8 16.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.916 min Scan# 2011
Delta R.T. -0.012 min
Lab File: BF132927.D
Acq: 19 Apr 2023 23:15

Tgt Ion:240 Resp: 635455
Ion Ratio Lower Upper
240 100
120 13.1 10.0 15.0
236 25.9 20.8 31.2

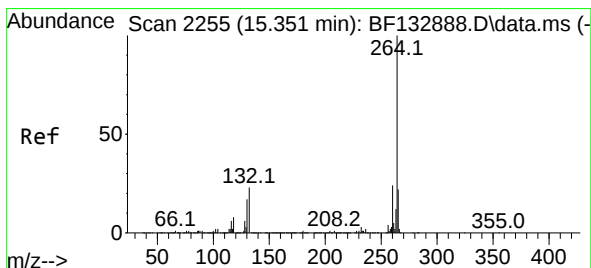
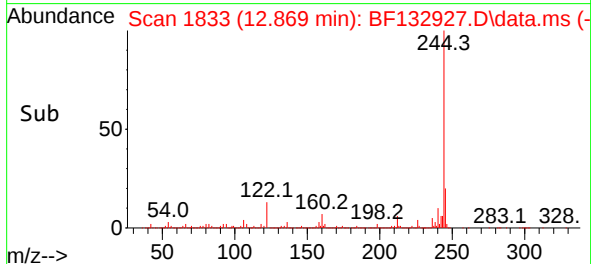
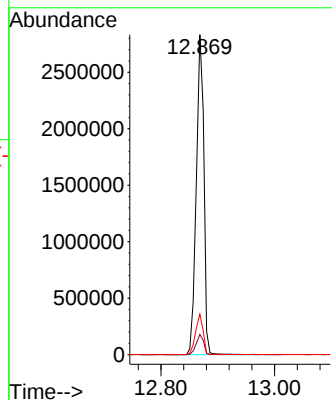
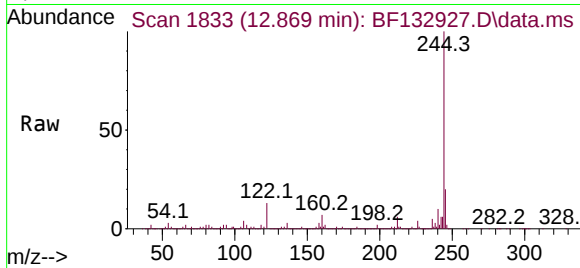




#79
 Terphenyl-d14
 Concen: 69.797 ng
 RT: 12.869 min Scan# 1834
 Delta R.T. -0.006 min
 Lab File: BF132927.D
 Acq: 19 Apr 2023 23:15

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Tgt Ion:244 Resp: 2599707
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.4 8.0
 122 12.6 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.345 min Scan# 2254
 Delta R.T. -0.006 min
 Lab File: BF132927.D
 Acq: 19 Apr 2023 23:15

Tgt Ion:264 Resp: 653951
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.0 28.6
 265 21.5 17.7 26.5

