

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090622\
 Data File : BF130148.D
 Acq On : 06 Sep 2022 20:52
 Operator : CG\JU
 Sample : N4501-14
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-15-COMP

Quant Time: Sep 07 02:18:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 07 02:05:07 2022
 Response via : Initial Calibration

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

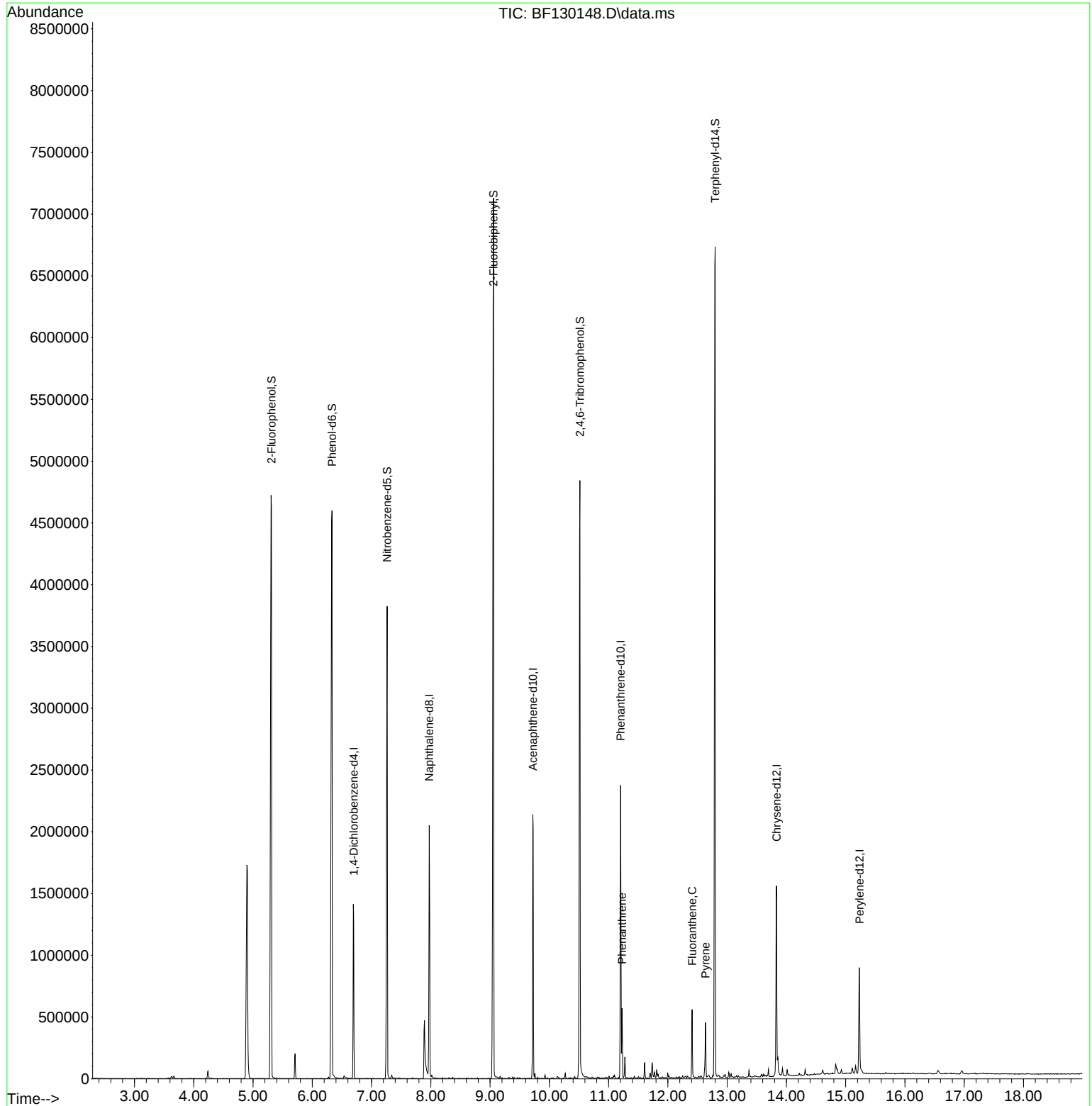
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.698	152	214105	20.000	ng	0.00
21) Naphthalene-d8	7.975	136	848919	20.000	ng	0.00
39) Acenaphthene-d10	9.722	164	459978	20.000	ng	-0.01
64) Phenanthrene-d10	11.204	188	799999	20.000	ng	0.00
76) Chrysene-d12	13.833	240	496387	20.000	ng	-0.01
86) Perylene-d12	15.233	264	372649	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.310	112	1765904	140.020	ng	0.01
7) Phenol-d6	6.334	99	2303411	146.497	ng	0.00
23) Nitrobenzene-d5	7.263	82	1352396	102.381	ng	0.00
42) 2,4,6-Tribromophenol	10.516	330	685081	163.618	ng	0.00
45) 2-Fluorobiphenyl	9.057	172	2454199	88.460	ng	0.00
79) Terphenyl-d14	12.798	244	2679236	93.599	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	11.227	178	181089	4.174	ng	99
75) Fluoranthene	12.410	202	195773	4.551	ng	98
78) Pyrene	12.633	202	165831	3.725	ng	99

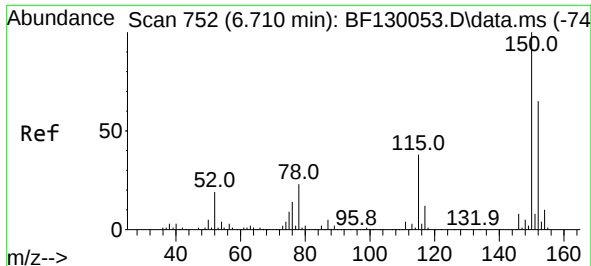
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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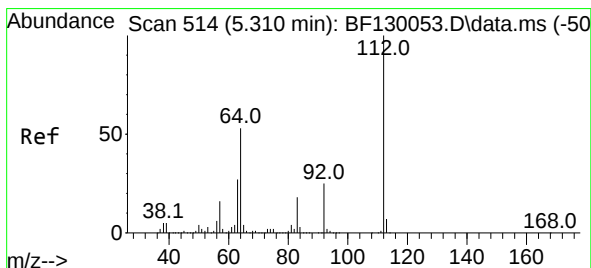
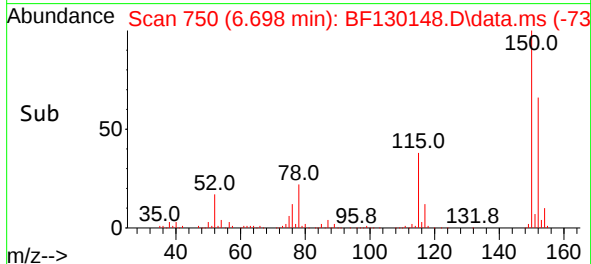
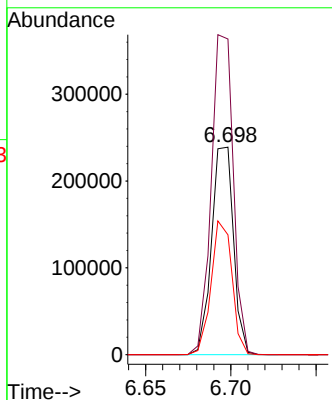
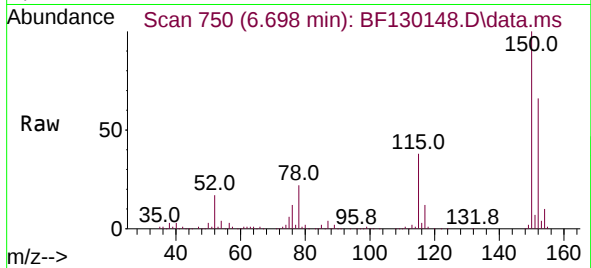




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.698 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF130148.D
Acq: 06 Sep 2022 20:52

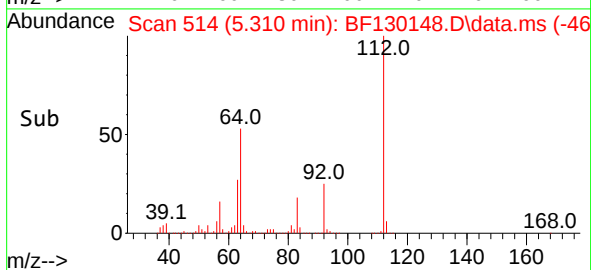
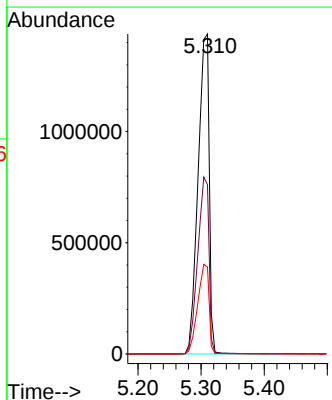
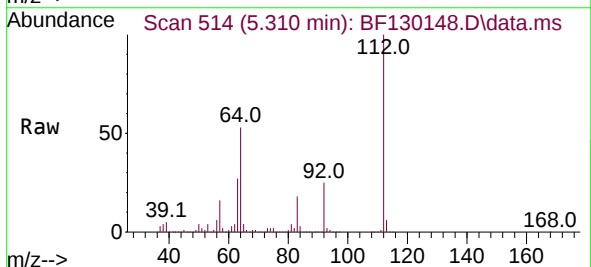
Instrument :
BNA_F
ClientSampleId :
SB-15-COMP

Tgt Ion:152 Resp: 214105
Ion Ratio Lower Upper
152 100
150 152.1 126.9 190.3
115 57.7 53.4 80.0



#5
2-Fluorophenol
Concen: 140.020 ng
RT: 5.310 min Scan# 514
Delta R.T. 0.012 min
Lab File: BF130148.D
Acq: 06 Sep 2022 20:52

Tgt Ion:112 Resp: 1765904
Ion Ratio Lower Upper
112 100
64 52.9 47.6 71.4
63 27.1 24.6 37.0



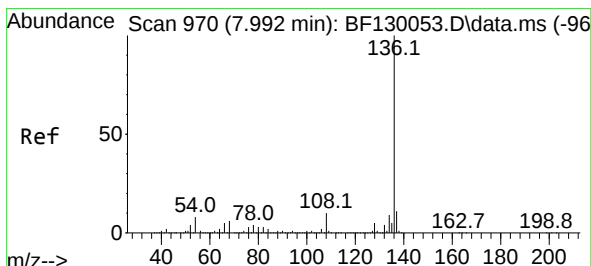
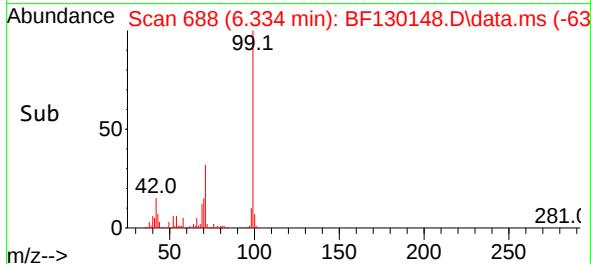
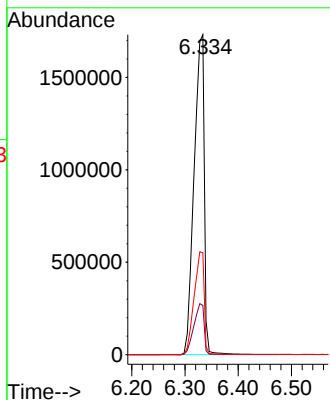
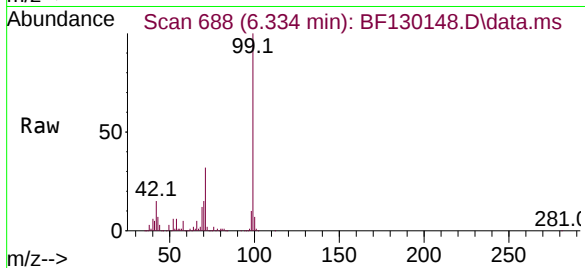


#7
Phenol-d6
Concen: 146.497 ng
RT: 6.334 min Scan# 68
Delta R.T. -0.000 min
Lab File: BF130148.D
Acq: 06 Sep 2022 20:52

Instrument :
BNA_F
ClientSampleId :
SB-15-COMP

Tgt Ion: 99 Resp: 2303411

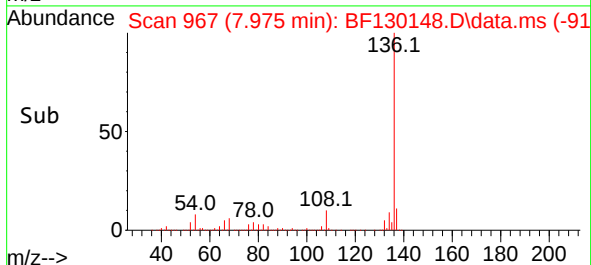
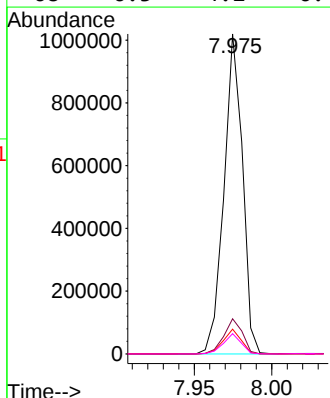
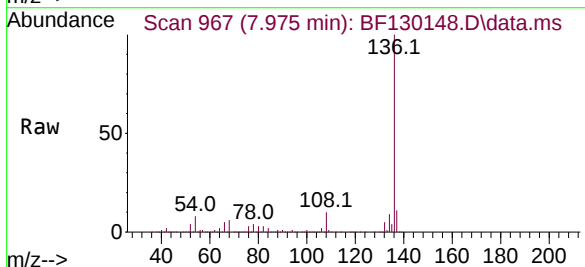
Ion	Ratio	Lower	Upper
99	100		
42	15.4	15.0	22.4
71	31.8	28.8	43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.975 min Scan# 967
Delta R.T. -0.006 min
Lab File: BF130148.D
Acq: 06 Sep 2022 20:52

Tgt Ion: 136 Resp: 848919

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	7.7	6.2	9.2
68	6.3	4.2	6.4





#23

Nitrobenzene-d5

Concen: 102.381 ng

RT: 7.263 min Scan# 84

Delta R.T. -0.006 min

Lab File: BF130148.D

Acq: 06 Sep 2022 20:52

Instrument :

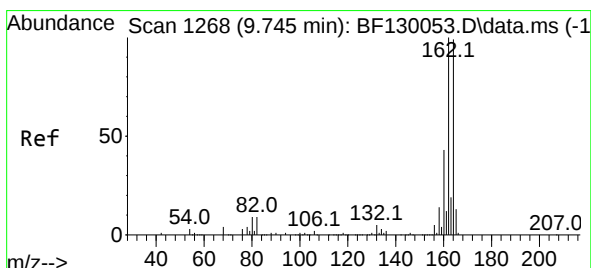
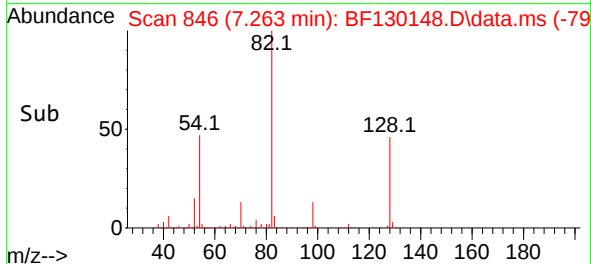
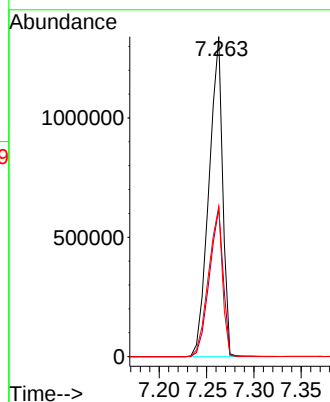
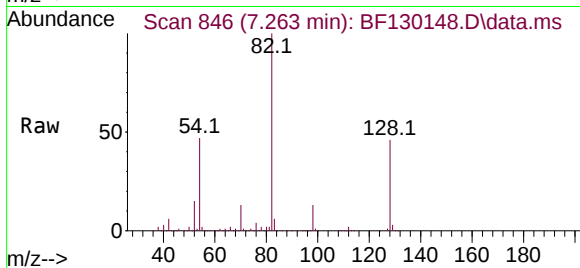
BNA_F

ClientSampleId :

SB-15-COMP

Tgt Ion: 82 Resp: 1352396

Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.1	54.1
54	46.9	40.0	60.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.722 min Scan# 1264

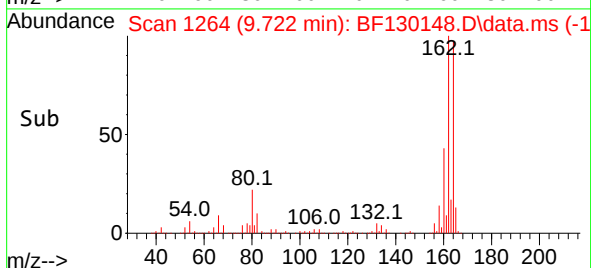
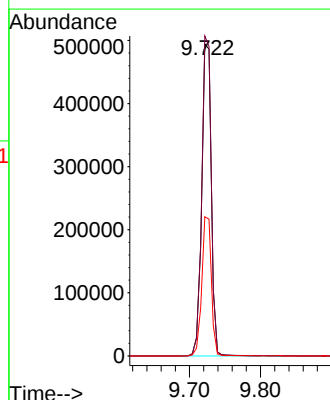
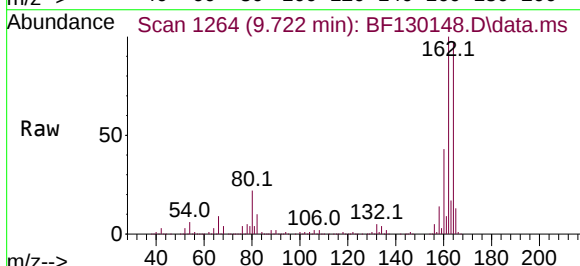
Delta R.T. -0.012 min

Lab File: BF130148.D

Acq: 06 Sep 2022 20:52

Tgt Ion: 164 Resp: 459978

Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.0	123.0
160	44.6	35.4	53.0





#42

2,4,6-Tribromophenol

Concen: 163.618 ng

RT: 10.516 min Scan# 1399

Delta R.T. -0.006 min

Lab File: BF130148.D

Acq: 06 Sep 2022 20:52

Instrument :

BNA_F

ClientSampleId :

SB-15-COMP

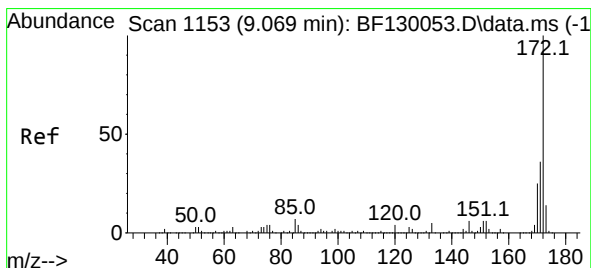
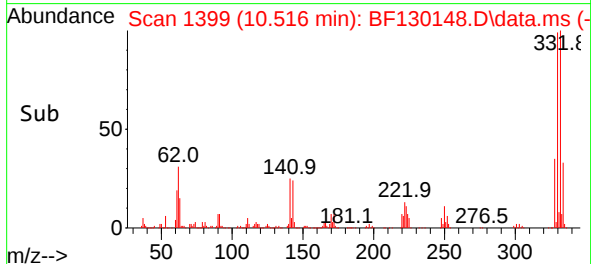
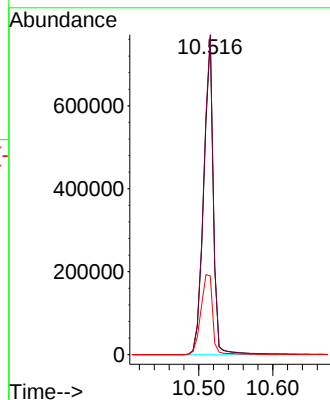
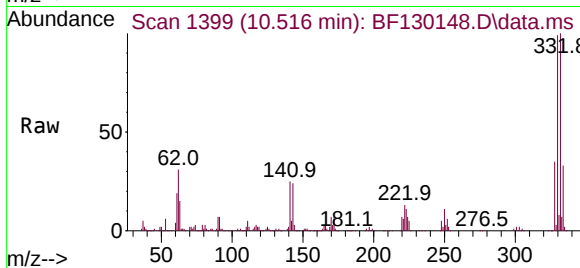
Tgt Ion:330 Resp: 685081

Ion Ratio Lower Upper

330 100

332 102.5 82.6 124.0

141 31.3 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 88.460 ng

RT: 9.057 min Scan# 1151

Delta R.T. -0.000 min

Lab File: BF130148.D

Acq: 06 Sep 2022 20:52

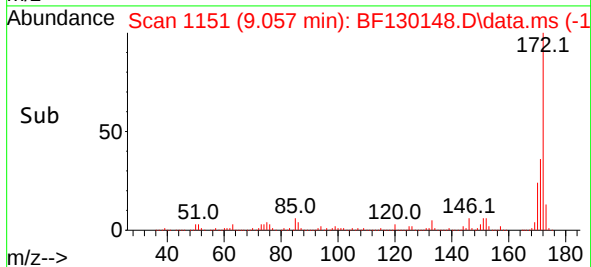
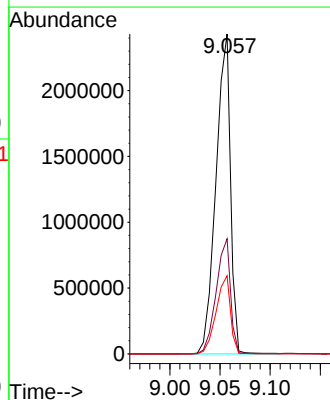
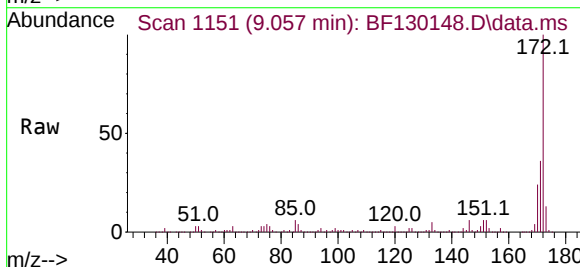
Tgt Ion:172 Resp: 2454199

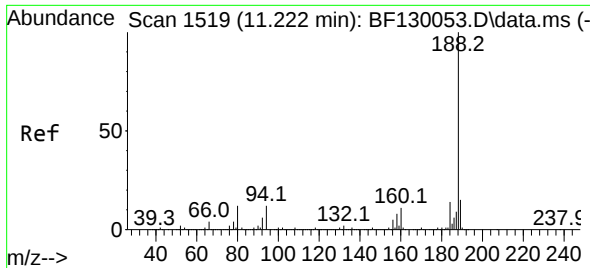
Ion Ratio Lower Upper

172 100

171 36.0 28.4 42.6

170 24.4 19.1 28.7

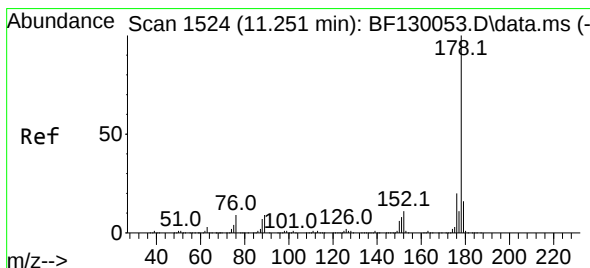
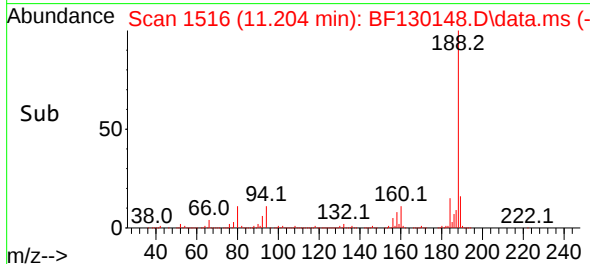
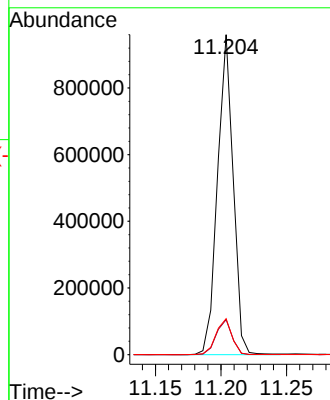
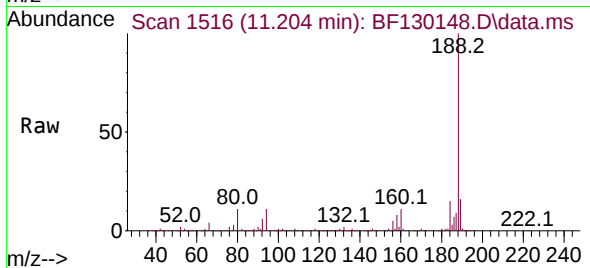




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.204 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130148.D
Acq: 06 Sep 2022 20:52

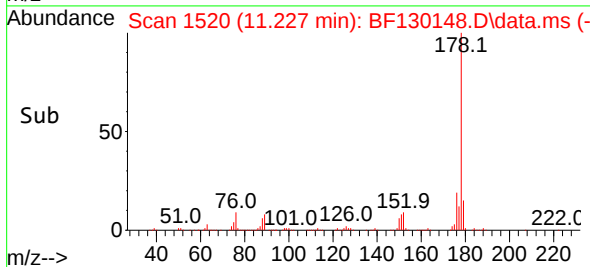
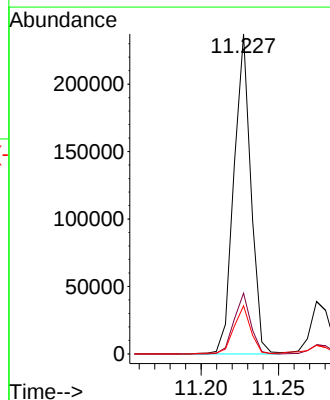
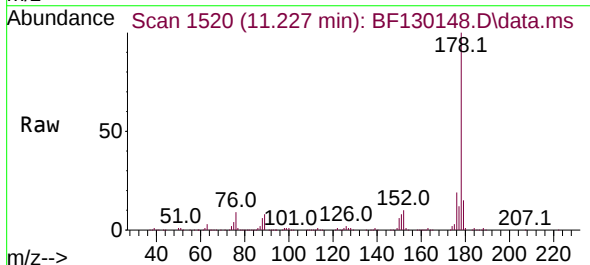
Instrument :
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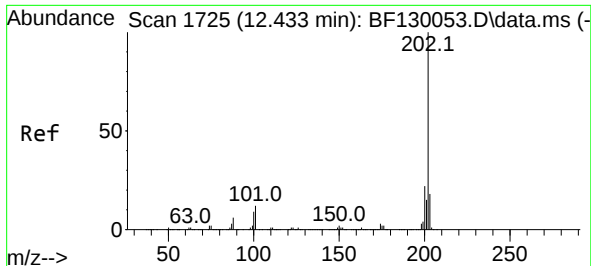
Tgt Ion:188 Resp: 799999
Ion Ratio Lower Upper
188 100
94 10.9 7.4 11.2
80 11.2 7.9 11.9



#71
Phenanthrene
Concen: 4.174 ng
RT: 11.227 min Scan# 1520
Delta R.T. -0.012 min
Lab File: BF130148.D
Acq: 06 Sep 2022 20:52

Tgt Ion:178 Resp: 181089
Ion Ratio Lower Upper
178 100
176 19.0 15.5 23.3
179 15.0 12.5 18.7

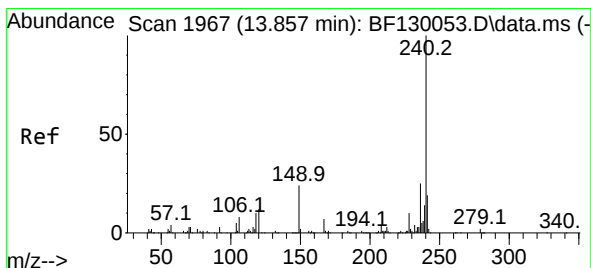
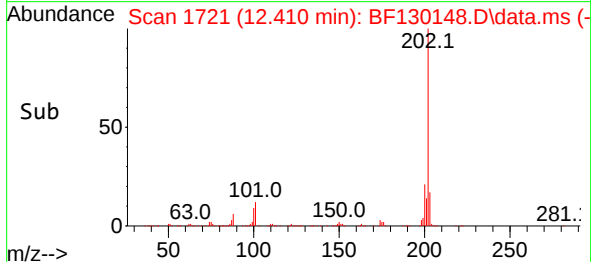
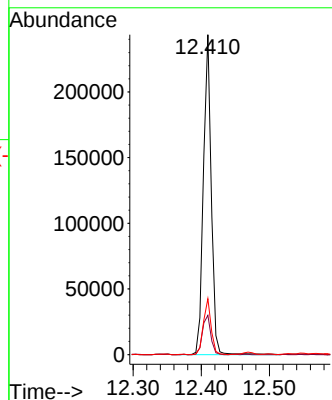
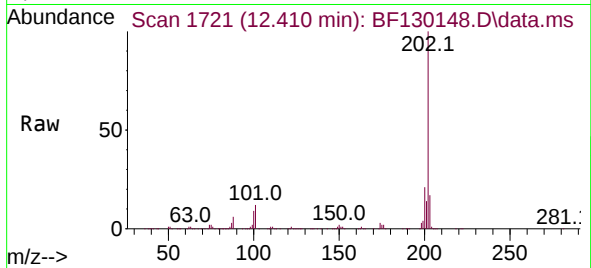




#75
Fluoranthene
Concen: 4.551 ng
RT: 12.410 min Scan# 1721
Delta R.T. -0.012 min
Lab File: BF130148.D
Acq: 06 Sep 2022 20:52

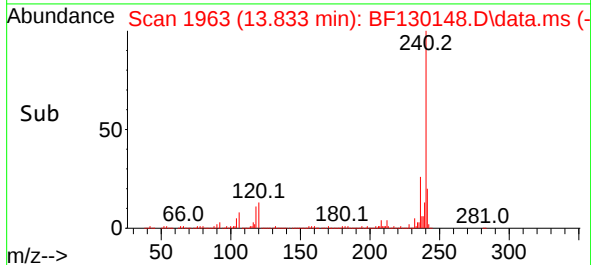
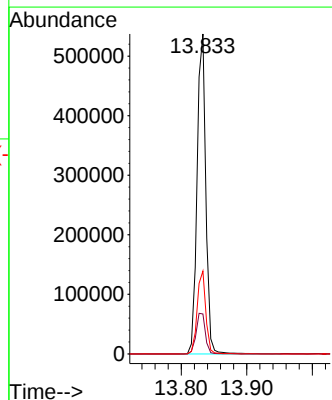
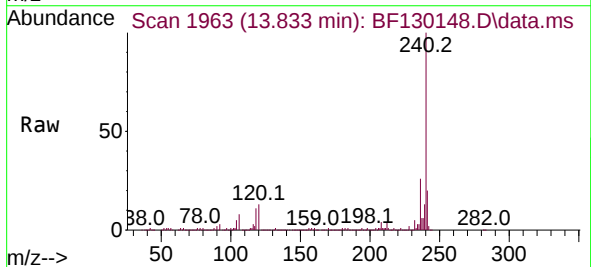
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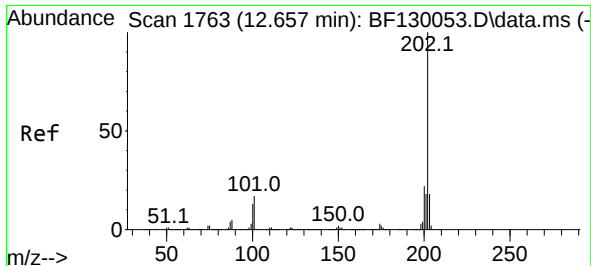
Tgt Ion:202 Resp: 195773
Ion Ratio Lower Upper
202 100
101 12.3 0.0 30.7
203 17.5 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.833 min Scan# 1963
Delta R.T. -0.012 min
Lab File: BF130148.D
Acq: 06 Sep 2022 20:52

Tgt Ion:240 Resp: 496387
Ion Ratio Lower Upper
240 100
120 12.5 9.2 13.8
236 25.9 20.7 31.1

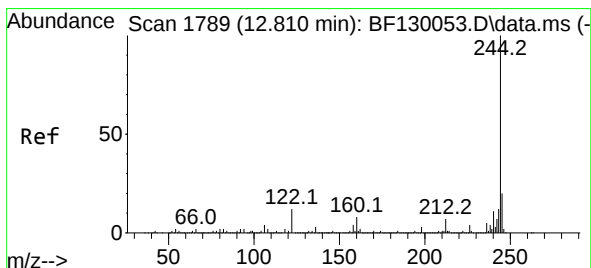
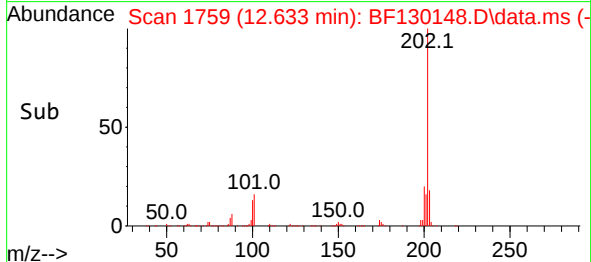
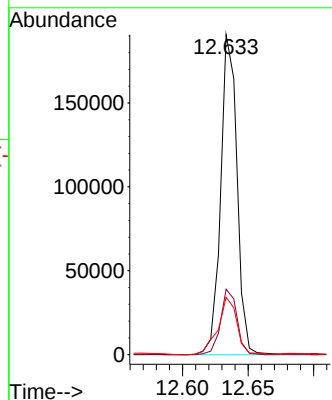
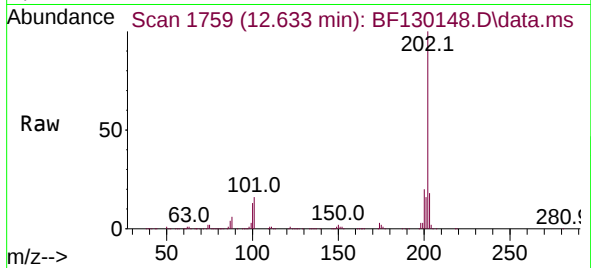




#78
Pyrene
Concen: 3.725 ng
RT: 12.633 min Scan# 1759
Delta R.T. -0.018 min
Lab File: BF130148.D
Acq: 06 Sep 2022 20:52

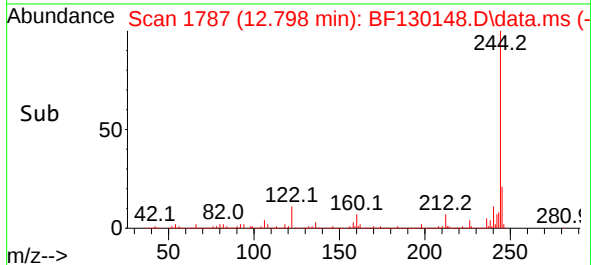
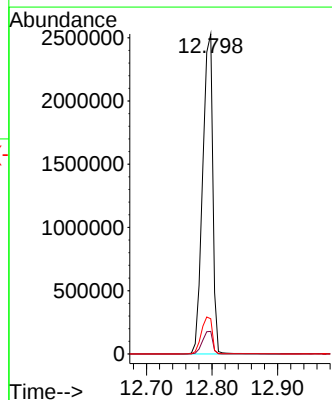
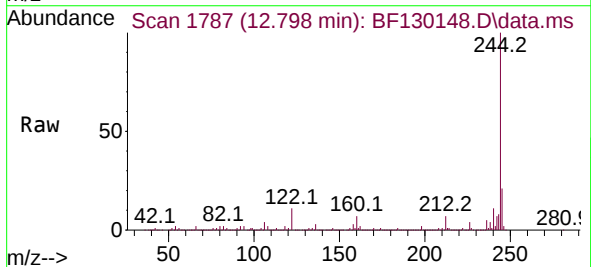
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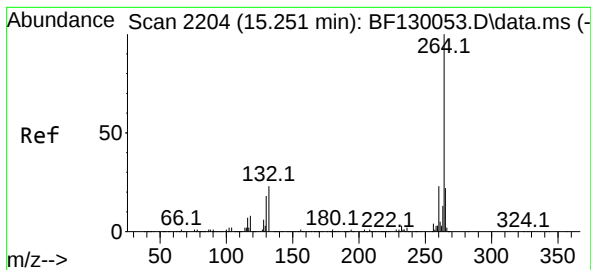
Tgt Ion:202 Resp: 165831
Ion Ratio Lower Upper
202 100
200 20.4 17.0 25.6
203 17.9 14.1 21.1



#79
Terphenyl-d14
Concen: 93.599 ng
RT: 12.798 min Scan# 1787
Delta R.T. -0.000 min
Lab File: BF130148.D
Acq: 06 Sep 2022 20:52

Tgt Ion:244 Resp: 2679236
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 11.0 9.9 14.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.233 min Scan# 2201

Delta R.T. -0.006 min

Lab File: BF130148.D

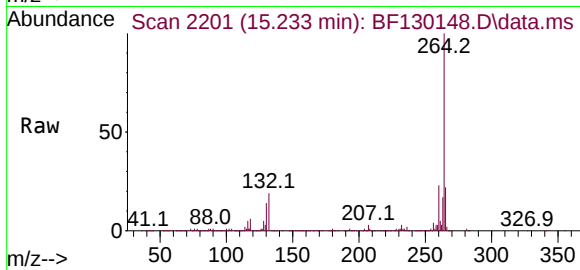
Acq: 06 Sep 2022 20:52

Instrument :

BNA_F

ClientSampleId :

SB-15-COMP



Tgt Ion:264 Resp: 372649

Ion Ratio Lower Upper

264 100

260 23.2 19.1 28.7

265 21.5 16.7 25.1

