

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042623\
 Data File : BF133075.D
 Acq On : 26 Apr 2023 20:33
 Operator : CG\JU
 Sample : 02427-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20230353-COMP-31

Quant Time: Apr 27 02:01:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 27 01:56:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	189788	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	756568	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	400919	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	723347	20.000	ng	0.00
76) Chrysene-d12	13.880	240	444109	20.000	ng	-0.01
86) Perylene-d12	15.304	264	391026	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1244410	99.048	ng	0.00
7) Phenol-d6	6.375	99	1519491	97.440	ng	0.00
23) Nitrobenzene-d5	7.298	82	869411	62.028	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	409077	101.457	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1447657	60.409	ng	0.00
79) Terphenyl-d14	12.839	244	1585979	61.590	ng	0.00

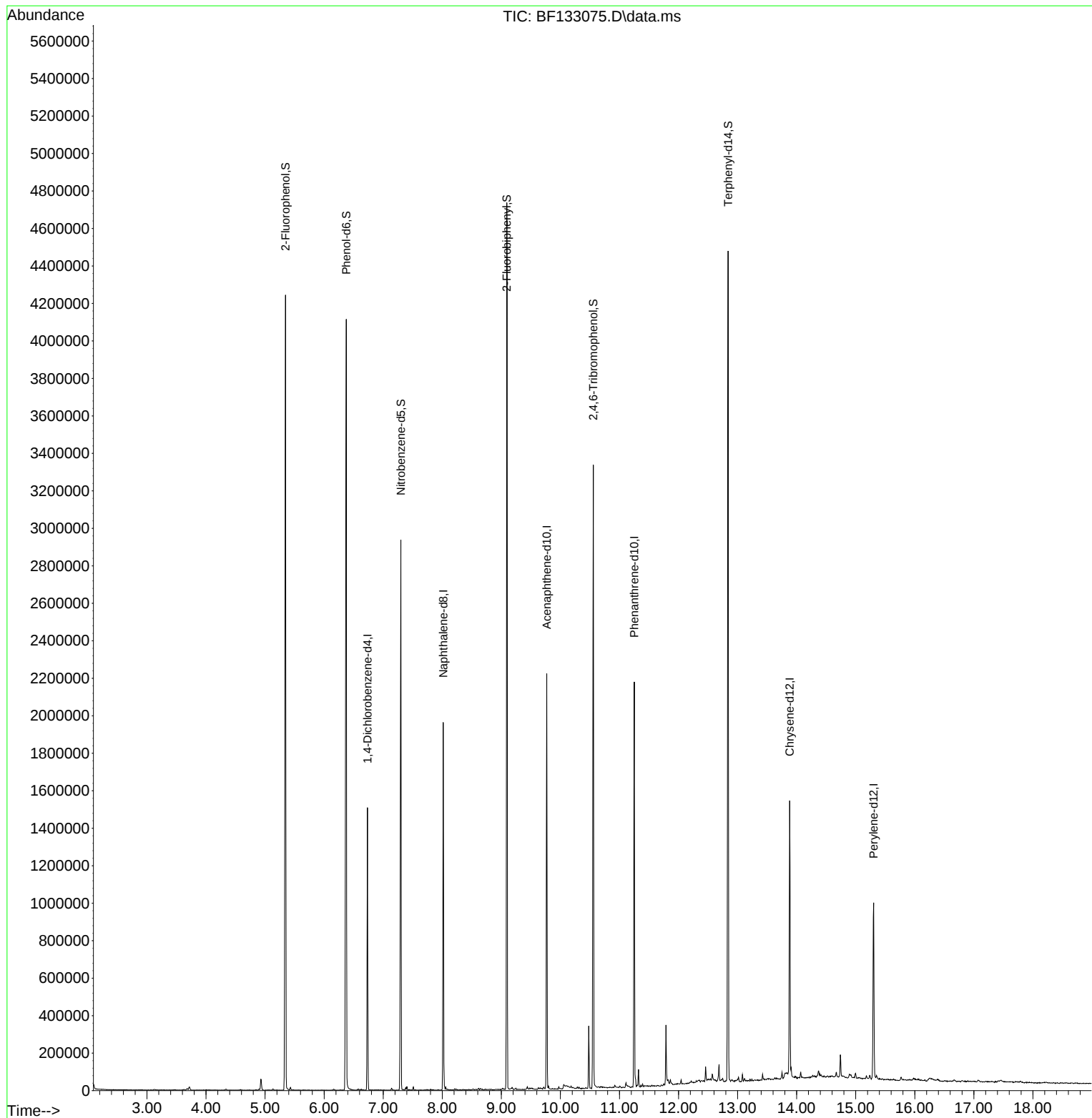
Target Compounds	Qvalue

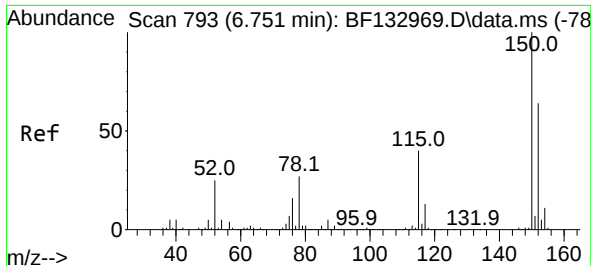
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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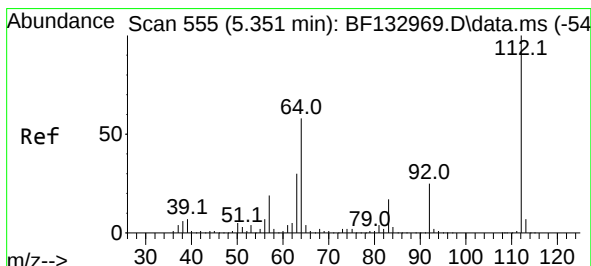
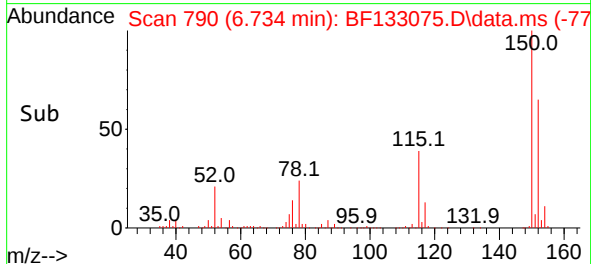
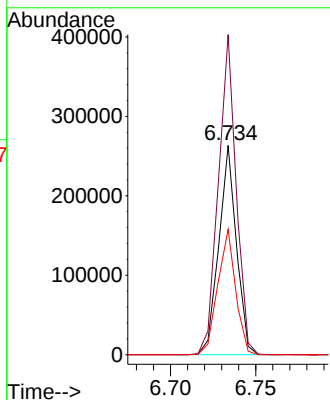
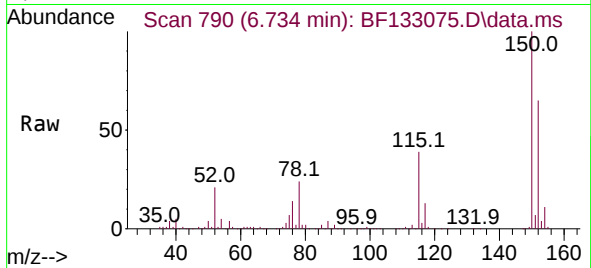




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.734 min Scan# 793
Delta R.T. -0.005 min
Lab File: BF133075.D
Acq: 26 Apr 2023 20:33

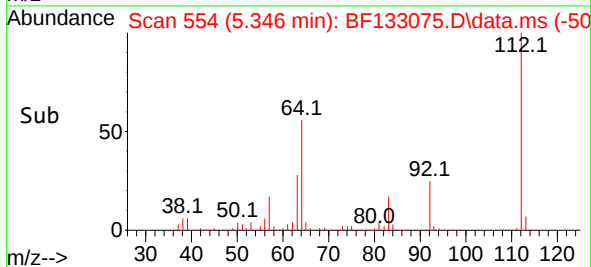
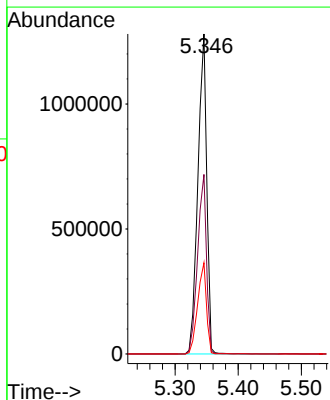
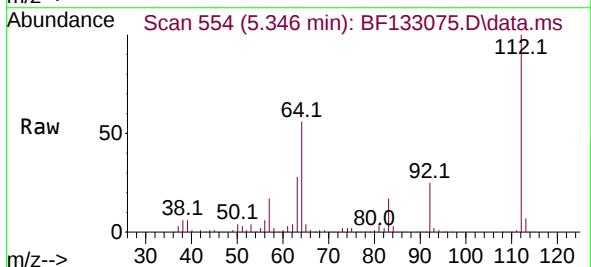
Instrument :
BNA_F
ClientSampleId :
20230353-COMP-31

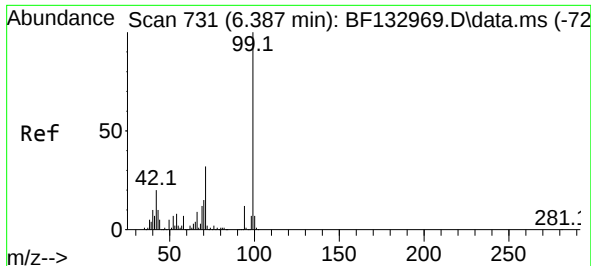
Tgt Ion:152 Resp: 189788
Ion Ratio Lower Upper
152 100
150 152.9 124.8 187.2
115 59.9 49.9 74.9



#5
2-Fluorophenol
Concen: 99.048 ng
RT: 5.346 min Scan# 554
Delta R.T. 0.006 min
Lab File: BF133075.D
Acq: 26 Apr 2023 20:33

Tgt Ion:112 Resp: 1244410
Ion Ratio Lower Upper
112 100
64 56.1 46.8 70.2
63 28.5 23.8 35.8

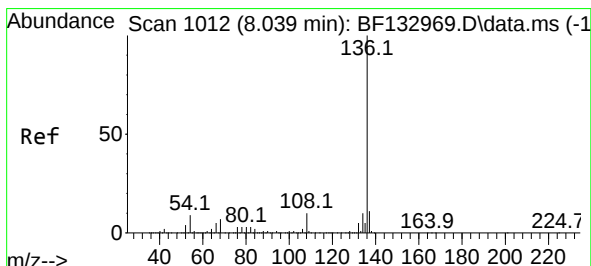
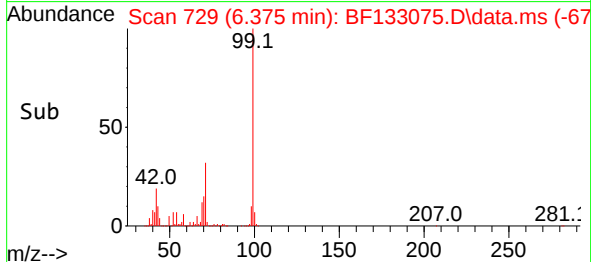
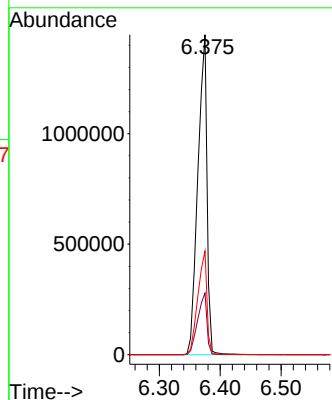
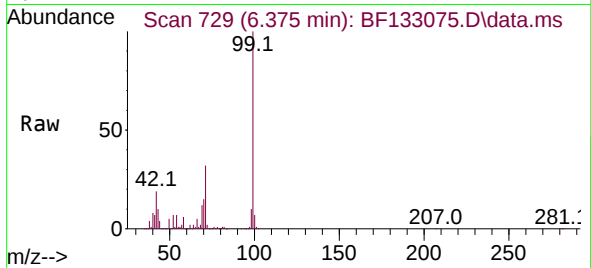




#7
Phenol-d6
Concen: 97.440 ng
RT: 6.375 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133075.D
Acq: 26 Apr 2023 20:33

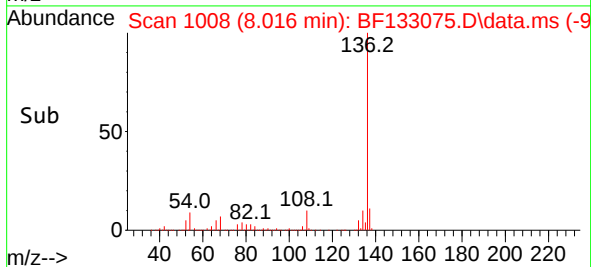
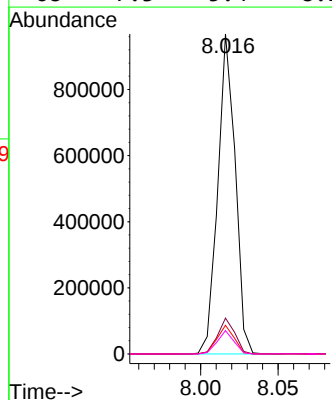
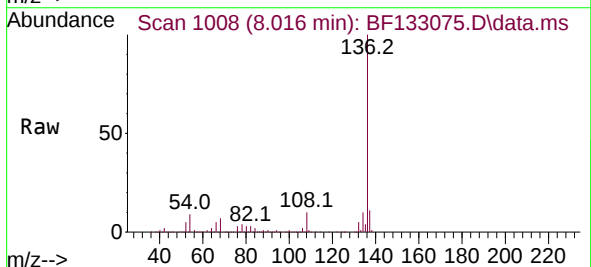
Instrument :
BNA_F
ClientSampleId :
20230353-COMP-31

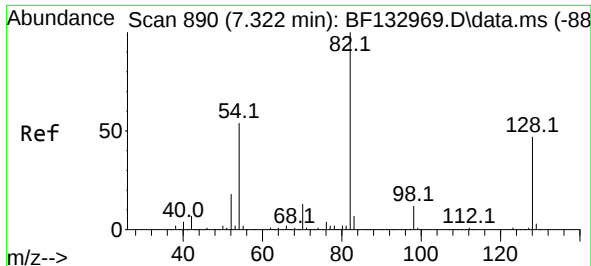
Tgt Ion: 99 Resp: 1519491
Ion Ratio Lower Upper
99 100
42 19.3 16.3 24.5
71 32.4 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF133075.D
Acq: 26 Apr 2023 20:33

Tgt Ion: 136 Resp: 756568
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 9.0 7.0 10.4
68 7.3 5.4 8.2





#23

Nitrobenzene-d5

Concen: 62.028 ng

RT: 7.298 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF133075.D

Acq: 26 Apr 2023 20:33

Instrument :

BNA_F

ClientSampleId :

20230353-COMP-31

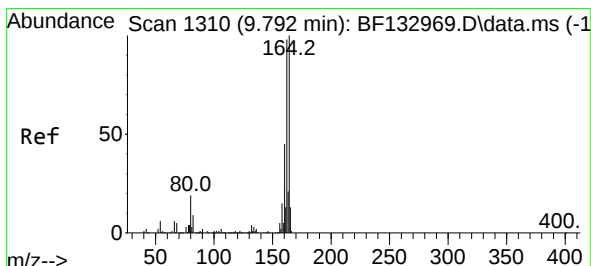
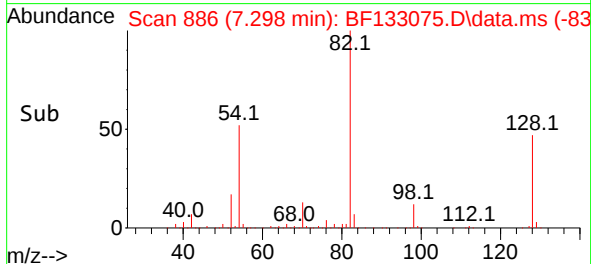
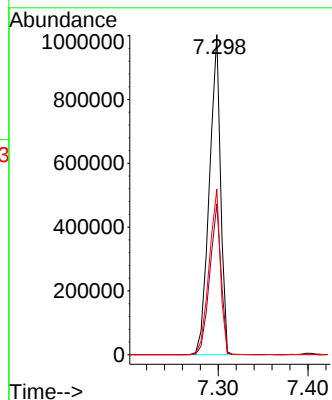
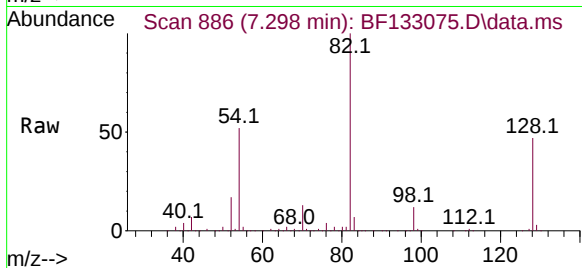
Tgt Ion: 82 Resp: 869411

Ion Ratio Lower Upper

82 100

128 47.1 37.7 56.5

54 51.7 43.0 64.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.769 min Scan# 1306

Delta R.T. -0.006 min

Lab File: BF133075.D

Acq: 26 Apr 2023 20:33

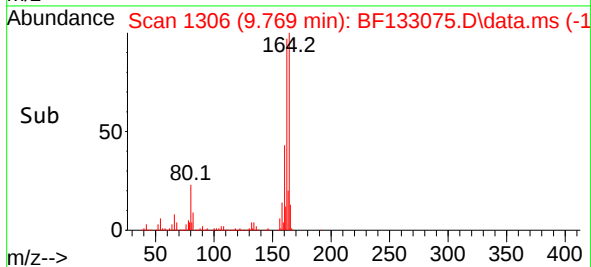
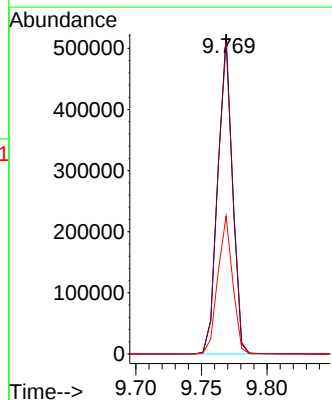
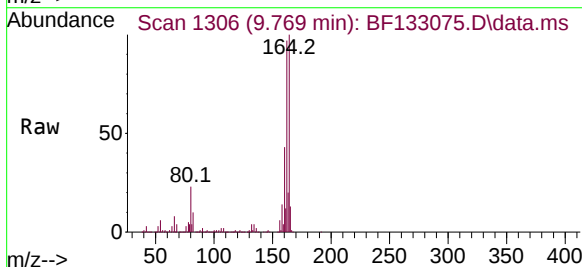
Tgt Ion:164 Resp: 400919

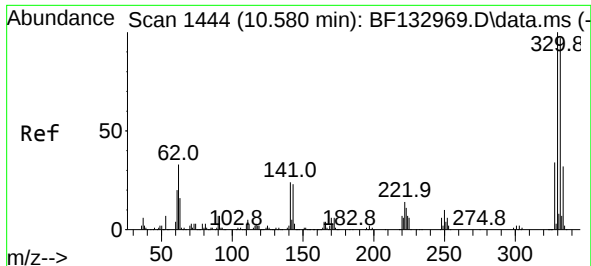
Ion Ratio Lower Upper

164 100

162 97.5 78.7 118.1

160 43.2 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 101.457 ng

RT: 10.557 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF133075.D

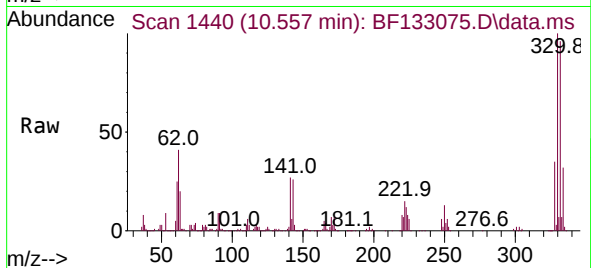
Acq: 26 Apr 2023 20:33

Instrument :

BNA_F

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20230353-COMP-31



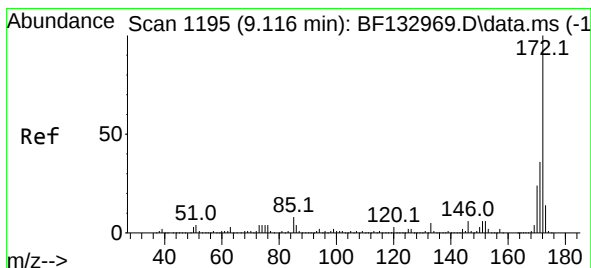
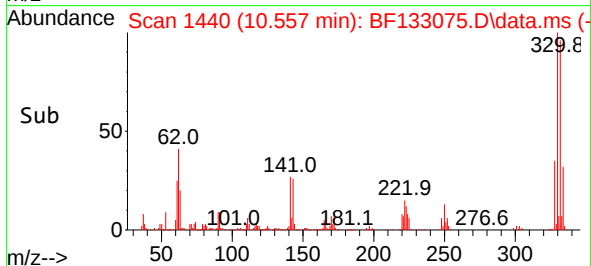
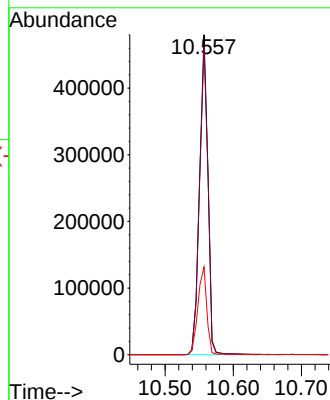
Tgt Ion:330 Resp: 409077

Ion Ratio Lower Upper

330 100

332 97.9 77.1 115.7

141 29.3 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 60.409 ng

RT: 9.092 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF133075.D

Acq: 26 Apr 2023 20:33

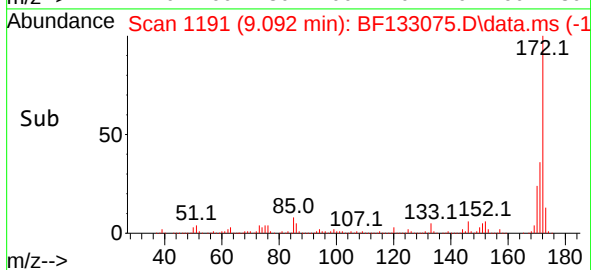
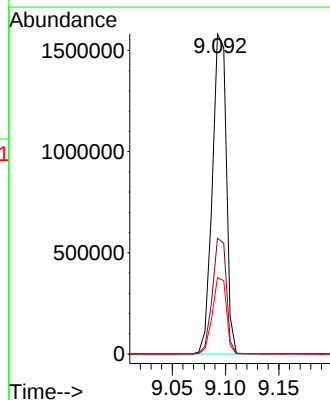
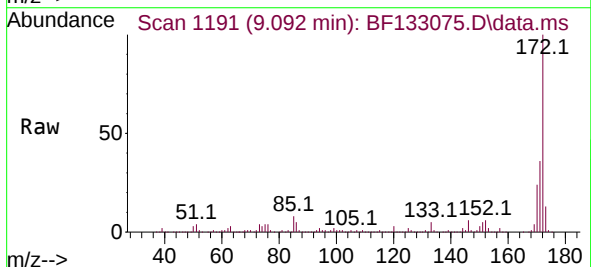
Tgt Ion:172 Resp: 1447657

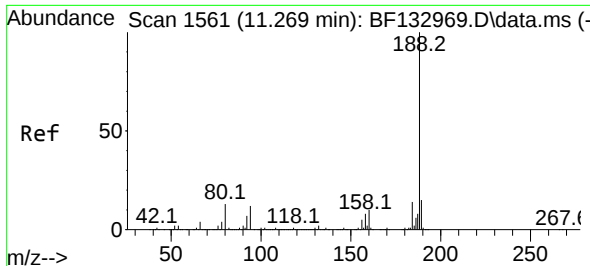
Ion Ratio Lower Upper

172 100

171 36.2 28.8 43.2

170 23.8 19.4 29.2

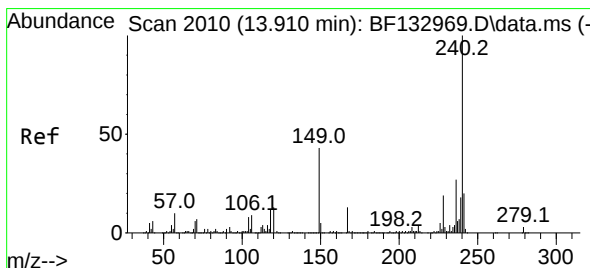
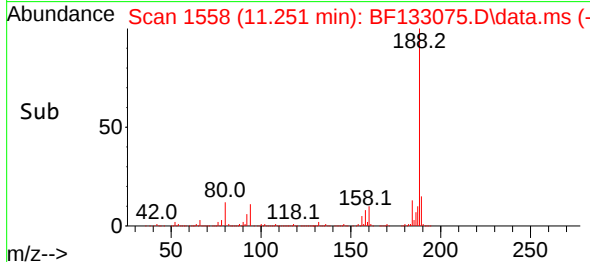
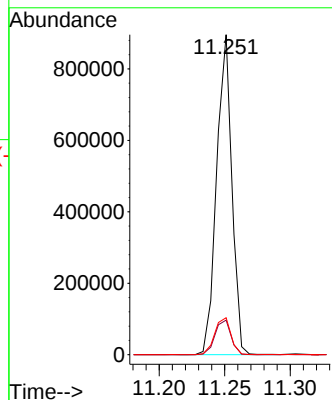
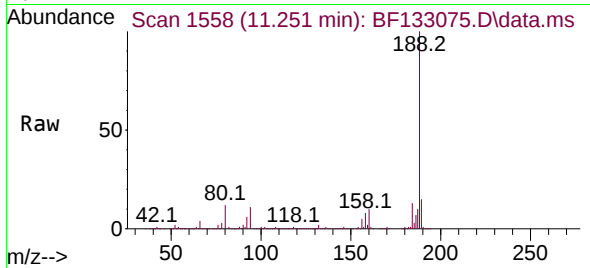




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.251 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133075.D
Acq: 26 Apr 2023 20:33

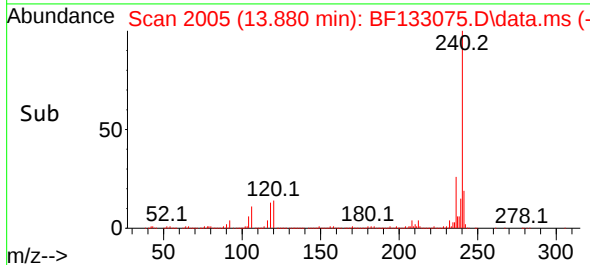
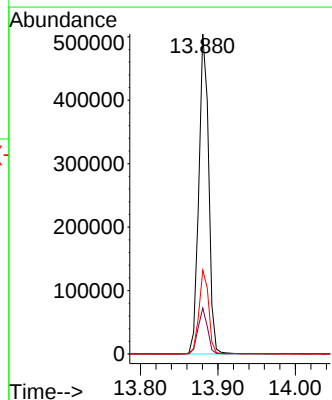
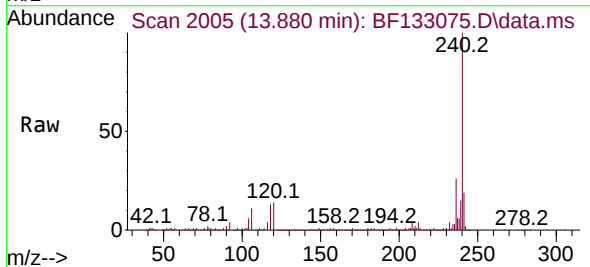
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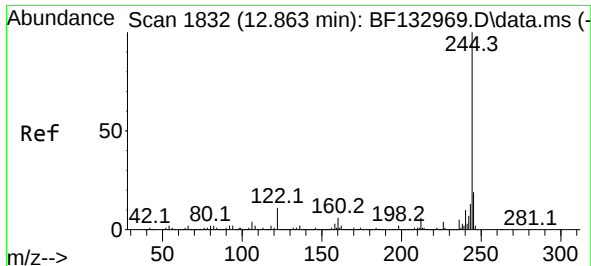
Tgt Ion:188 Resp: 723347
Ion Ratio Lower Upper
188 100
94 10.8 9.7 14.5
80 11.6 10.4 15.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.012 min
Lab File: BF133075.D
Acq: 26 Apr 2023 20:33

Tgt Ion:240 Resp: 444109
Ion Ratio Lower Upper
240 100
120 14.3 10.5 15.7
236 26.2 21.5 32.3

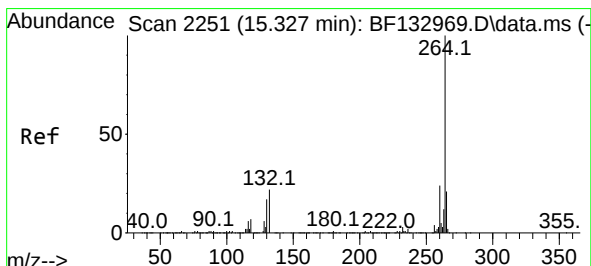
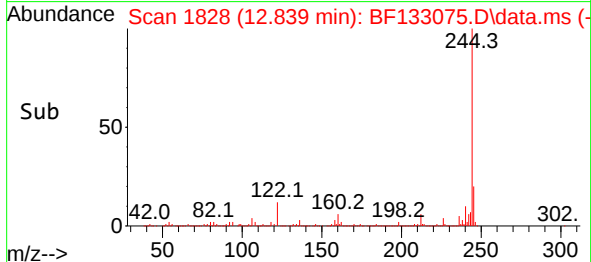
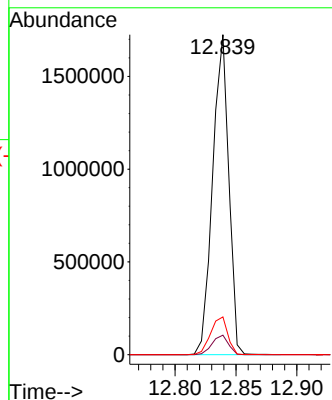
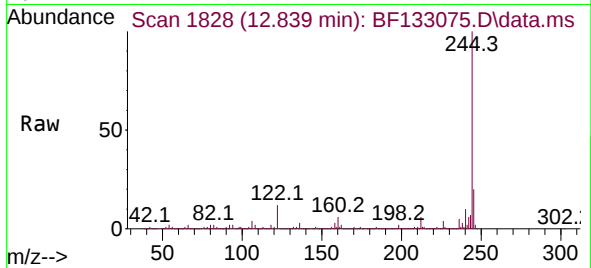




#79
 Terphenyl-d14
 Concen: 61.590 ng
 RT: 12.839 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF133075.D
 Acq: 26 Apr 2023 20:33

Instrument :
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Tgt Ion:244 Resp: 1585979
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.1 7.7
 122 11.8 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.304 min Scan# 2247
 Delta R.T. 0.000 min
 Lab File: BF133075.D
 Acq: 26 Apr 2023 20:33

Tgt Ion:264 Resp: 391026
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.8 28.2
 265 21.6 17.0 25.4

