

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012023\
 Data File : BF132170.D
 Acq On : 20 Jan 2023 20:03
 Operator : CG\JU
 Sample : 01233-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-P34A

Quant Time: Jan 21 03:56:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 20 00:50:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.090	152	165824	20.000	ng	0.00
21) Naphthalene-d8	8.378	136	608025	20.000	ng	0.00
39) Acenaphthene-d10	10.142	164	328729	20.000	ng	0.00
64) Phenanthrene-d10	11.636	188	655100	20.000	ng	0.00
76) Chrysene-d12	14.301	240	482863	20.000	ng	0.00
86) Perylene-d12	15.895	264	384782	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.719	112	1326882	139.781	ng	0.01
7) Phenol-d6	6.701	99	1776920	148.704	ng	0.00
23) Nitrobenzene-d5	7.654	82	1162760	101.590	ng	0.00
42) 2,4,6-Tribromophenol	10.936	330	573955	163.458	ng	0.00
45) 2-Fluorobiphenyl	9.454	172	1826404	81.185	ng	0.00
79) Terphenyl-d14	13.236	244	2298218	79.728	ng	0.00

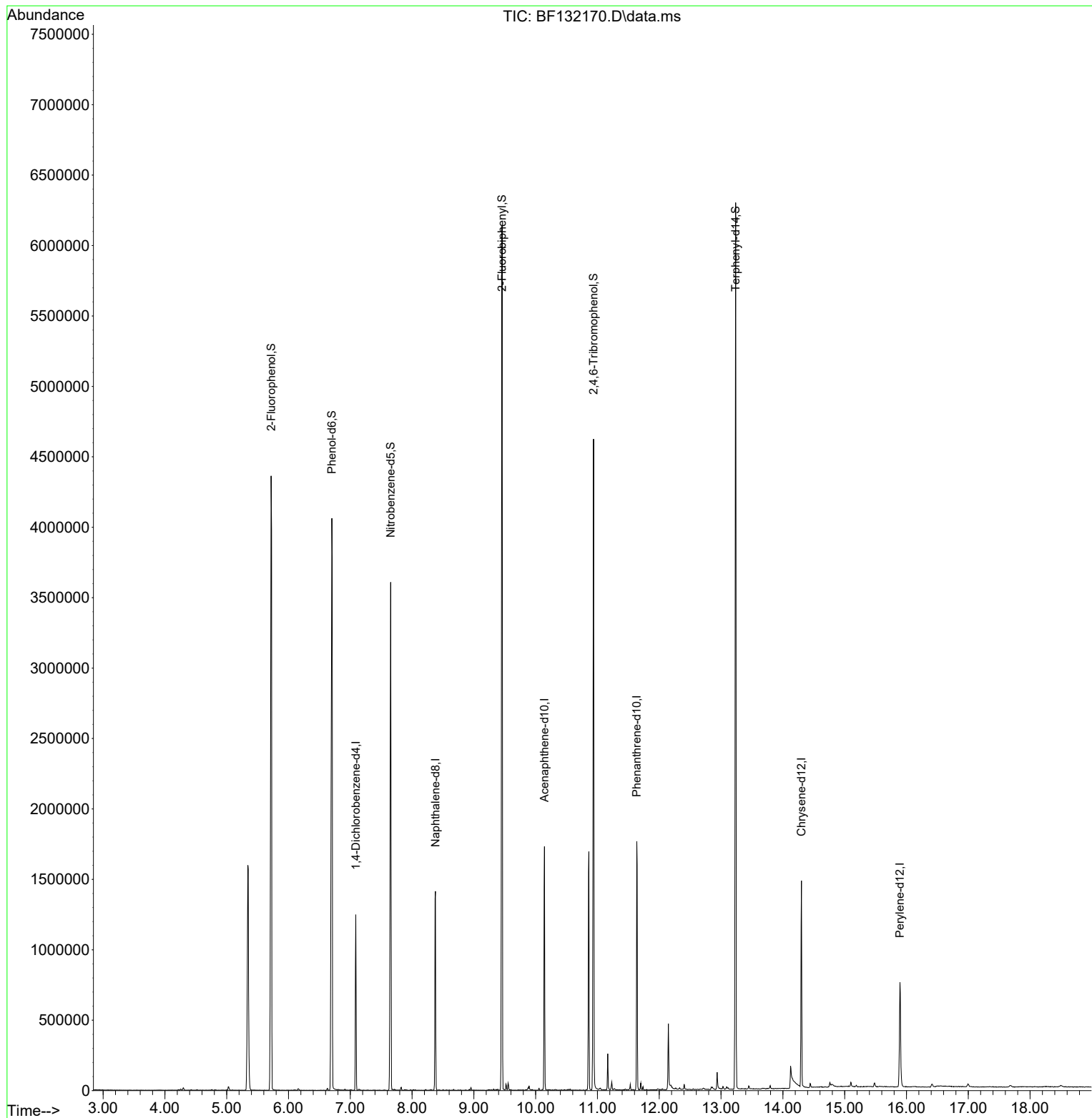
Target Compounds	Qvalue

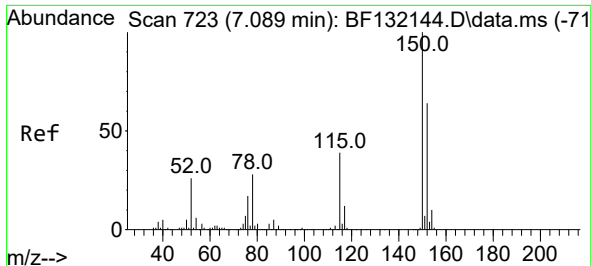
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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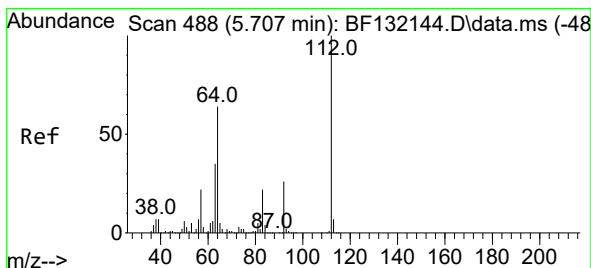
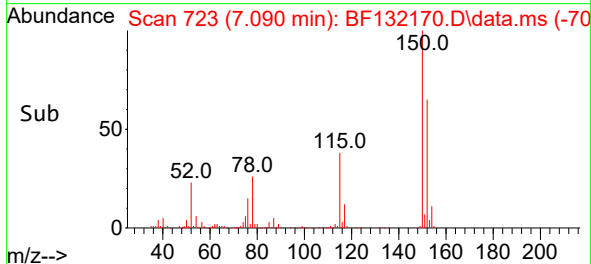
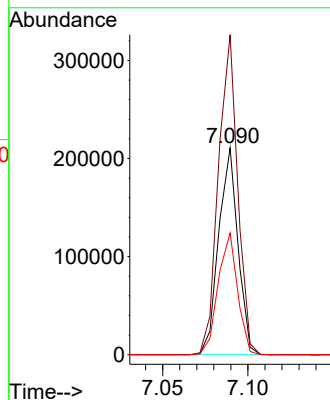
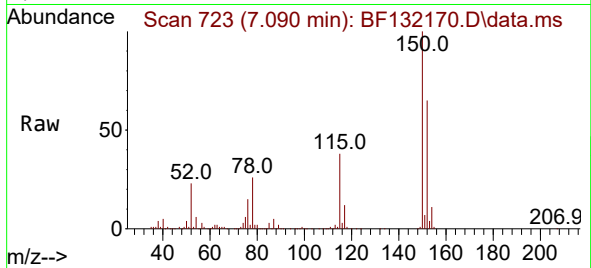




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.090 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF132170.D
Acq: 20 Jan 2023 20:03

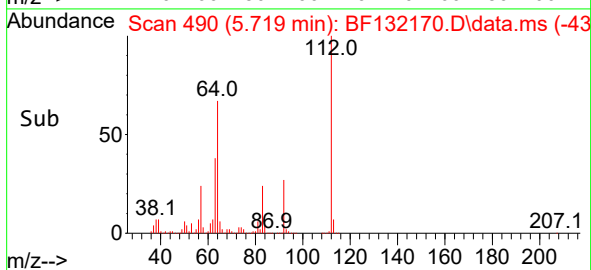
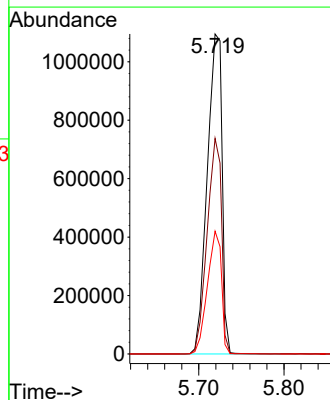
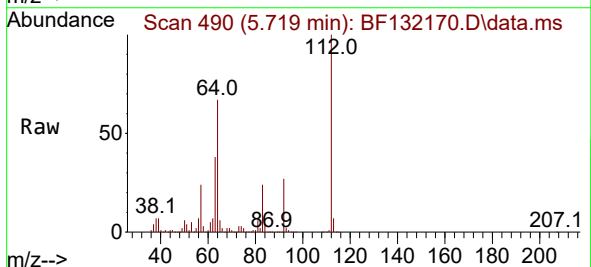
Instrument :
BNA_F
ClientSampleId :
B-P34A

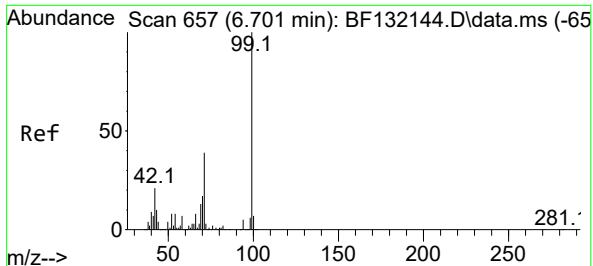
Tgt Ion:152 Resp: 165824
Ion Ratio Lower Upper
152 100
150 154.7 125.8 188.8
115 58.9 49.2 73.8



#5
2-Fluorophenol
Concen: 139.781 ng
RT: 5.719 min Scan# 490
Delta R.T. 0.012 min
Lab File: BF132170.D
Acq: 20 Jan 2023 20:03

Tgt Ion:112 Resp: 1326882
Ion Ratio Lower Upper
112 100
64 67.3 51.4 77.0
63 38.4 28.2 42.2

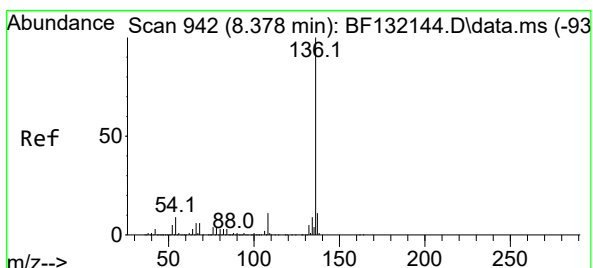
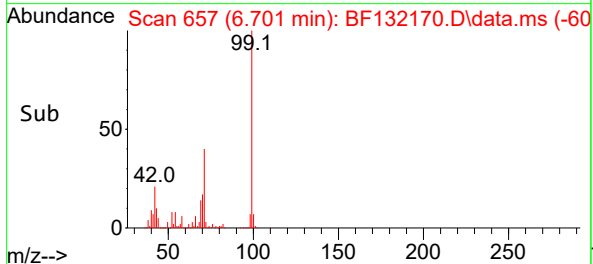
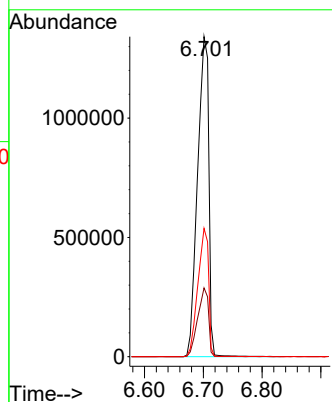
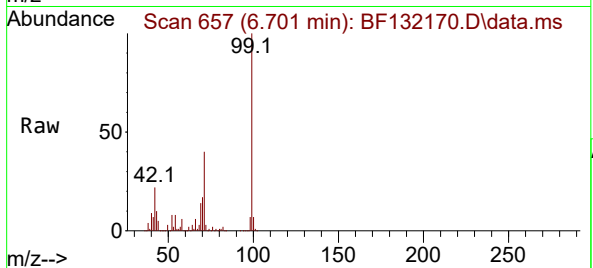




#7
Phenol-d6
Concen: 148.704 ng
RT: 6.701 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF132170.D
Acq: 20 Jan 2023 20:03

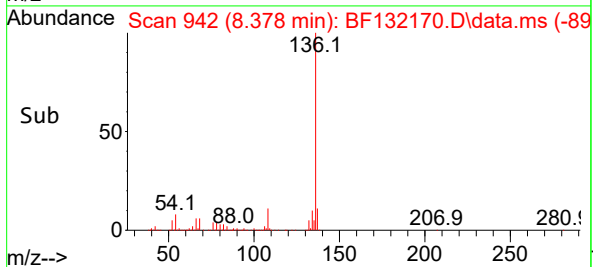
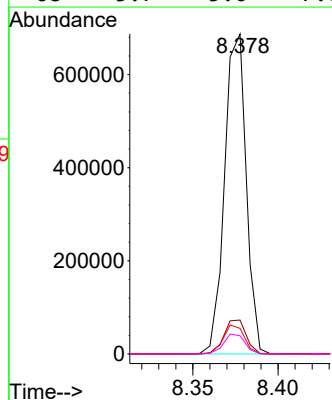
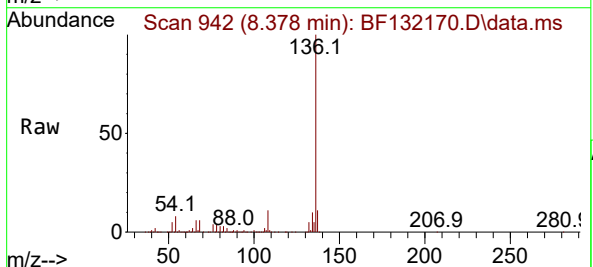
Instrument :
BNA_F
ClientSampleId :
B-P34A

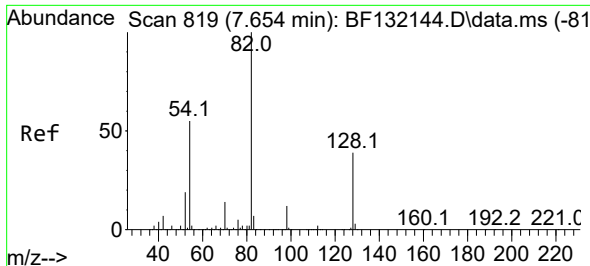
Tgt Ion: 99 Resp: 1776920
Ion Ratio Lower Upper
99 100
42 21.5 16.6 24.8
71 40.1 30.8 46.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.378 min Scan# 942
Delta R.T. -0.000 min
Lab File: BF132170.D
Acq: 20 Jan 2023 20:03

Tgt Ion:136 Resp: 608025
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 8.0 7.0 10.6
68 5.7 5.0 7.6

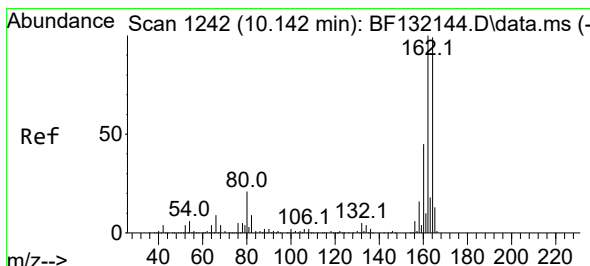
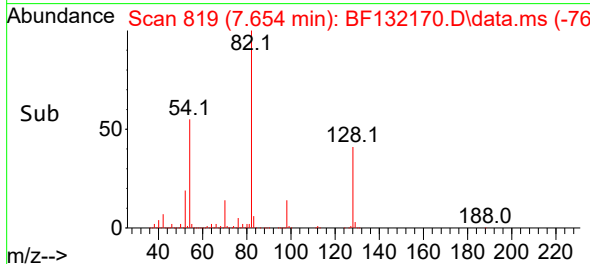
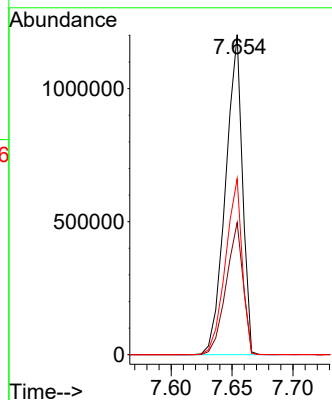
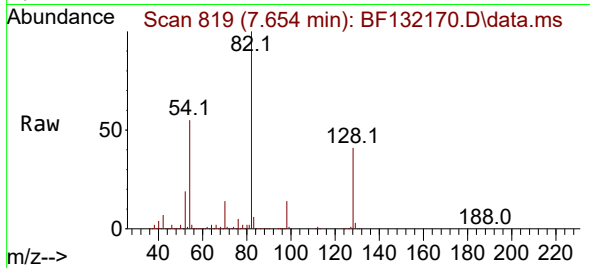




#23
Nitrobenzene-d5
Concen: 101.590 ng
RT: 7.654 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF132170.D
Acq: 20 Jan 2023 20:03

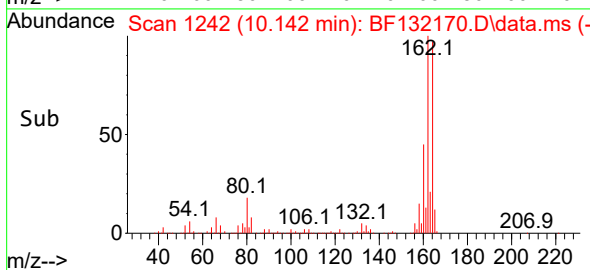
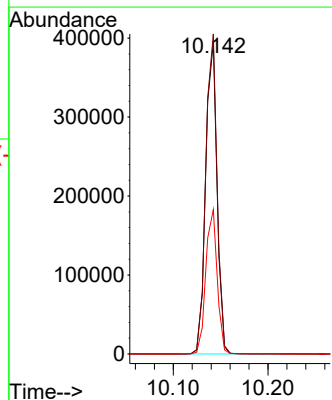
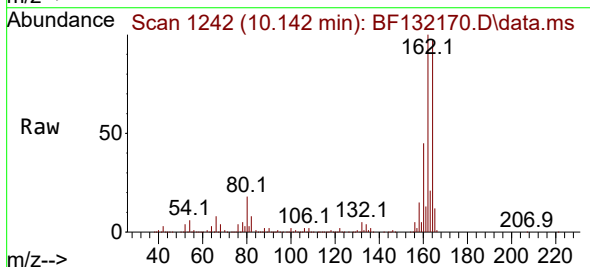
Instrument :
BNA_F
ClientSampleId :
B-P34A

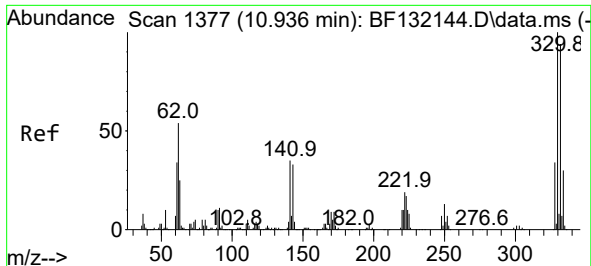
Tgt Ion: 82 Resp: 1162760
Ion Ratio Lower Upper
82 100
128 41.3 31.1 46.7
54 55.0 43.9 65.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.142 min Scan# 1242
Delta R.T. 0.000 min
Lab File: BF132170.D
Acq: 20 Jan 2023 20:03

Tgt Ion: 164 Resp: 328729
Ion Ratio Lower Upper
164 100
162 102.7 81.2 121.8
160 46.3 36.9 55.3





#42

2,4,6-Tribromophenol

Concen: 163.458 ng

RT: 10.936 min Scan# 1377

Delta R.T. 0.000 min

Lab File: BF132170.D

Acq: 20 Jan 2023 20:03

Instrument :

BNA_F

ClientSampleId :

B-P34A

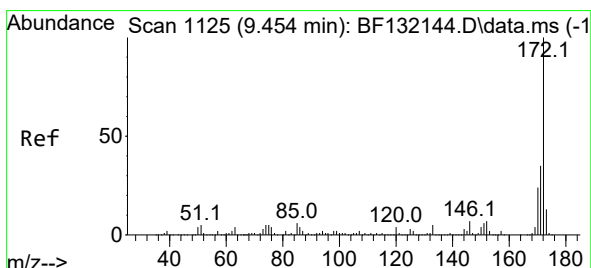
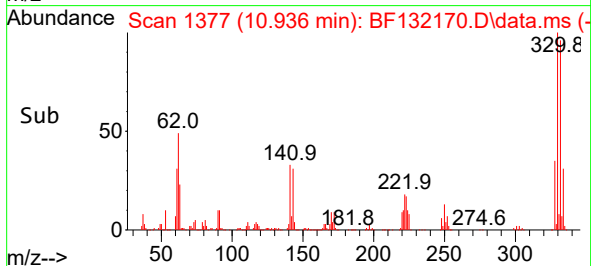
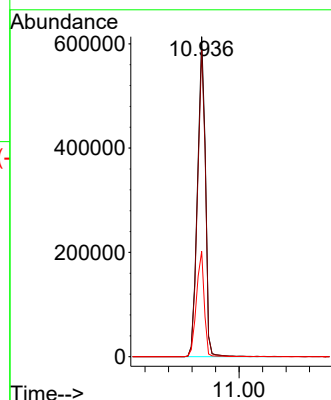
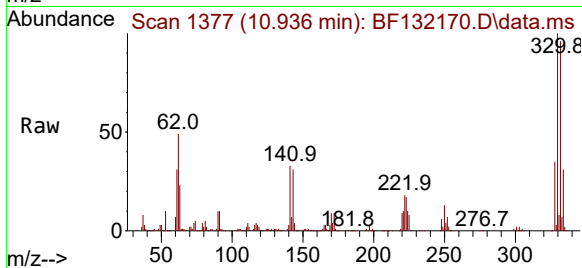
Tgt Ion:330 Resp: 573955

Ion Ratio Lower Upper

330 100

332 96.1 75.6 113.4

141 32.5 27.1 40.7



#45

2-Fluorobiphenyl

Concen: 81.185 ng

RT: 9.454 min Scan# 1125

Delta R.T. 0.000 min

Lab File: BF132170.D

Acq: 20 Jan 2023 20:03

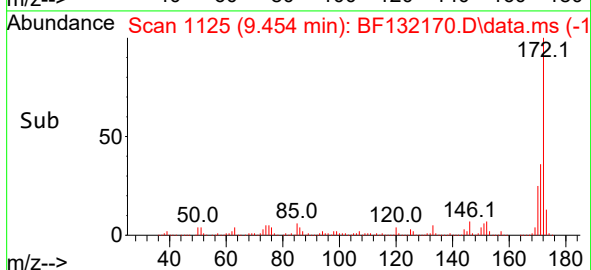
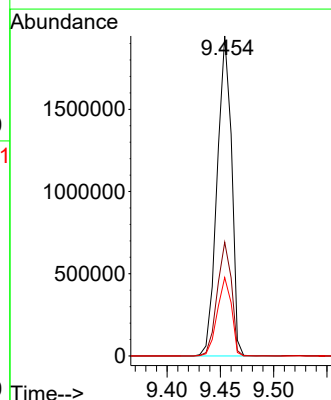
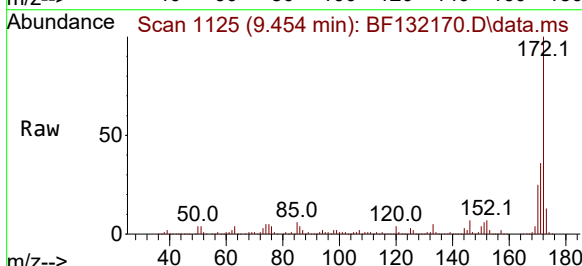
Tgt Ion:172 Resp: 1826404

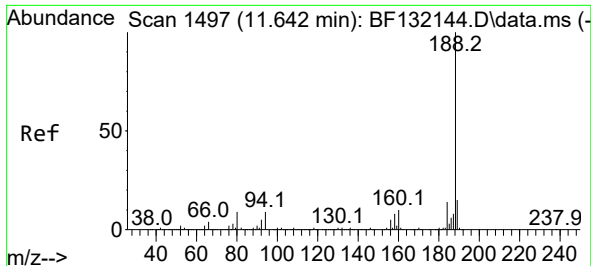
Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.2

170 24.5 19.6 29.4

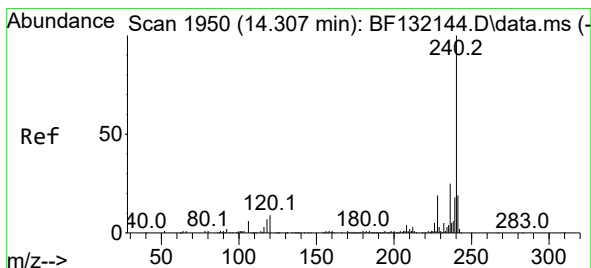
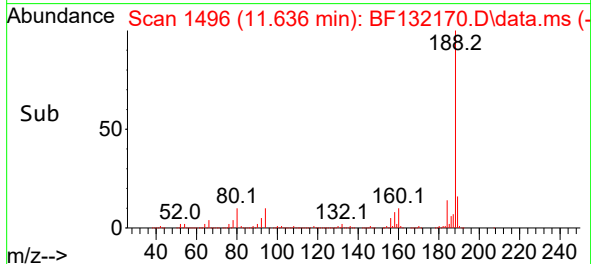
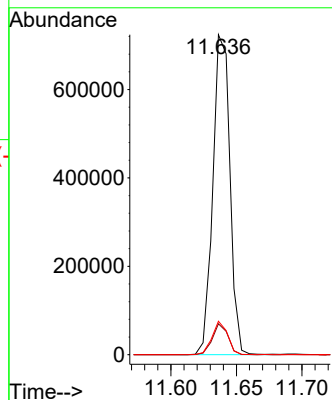
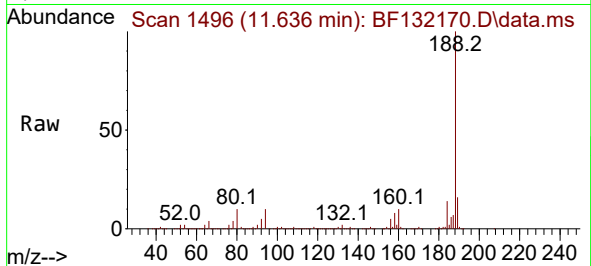




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.636 min Scan# 1496
Delta R.T. -0.006 min
Lab File: BF132170.D
Acq: 20 Jan 2023 20:03

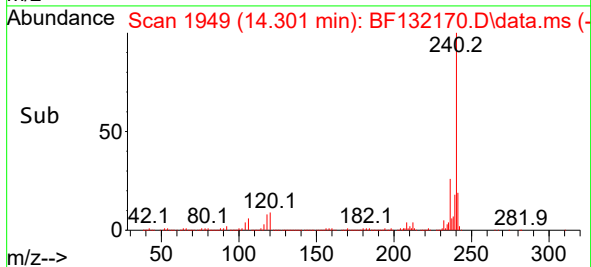
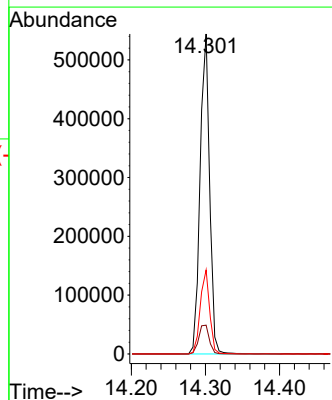
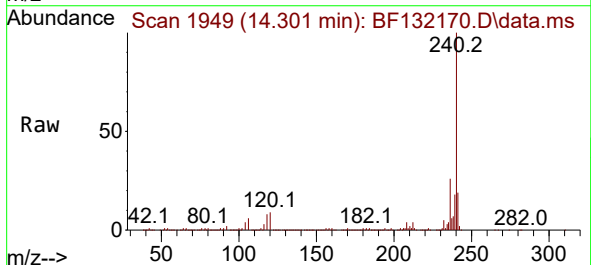
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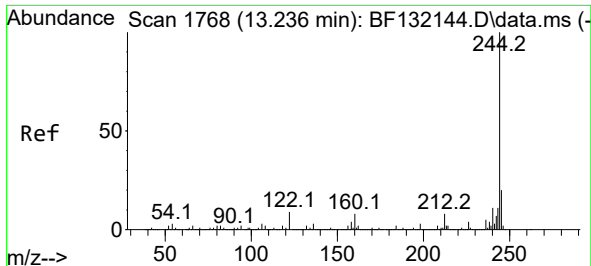
Tgt Ion:188 Resp: 655100
Ion Ratio Lower Upper
188 100
94 9.7 6.9 10.3
80 10.4 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.301 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BF132170.D
Acq: 20 Jan 2023 20:03

Tgt Ion:240 Resp: 482863
Ion Ratio Lower Upper
240 100
120 9.0 6.9 10.3
236 26.2 20.3 30.5

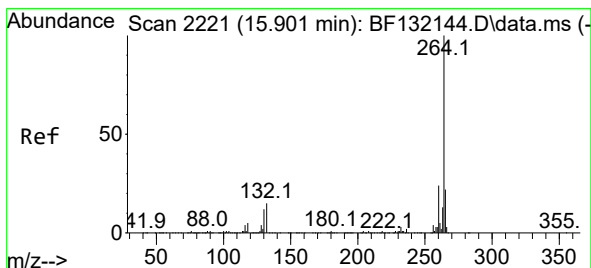
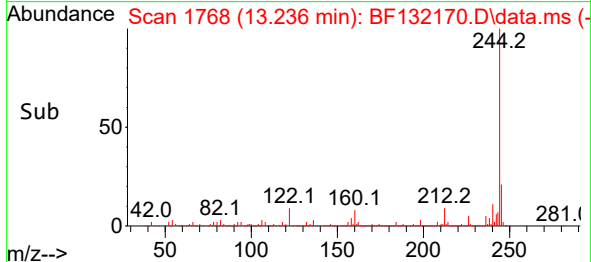
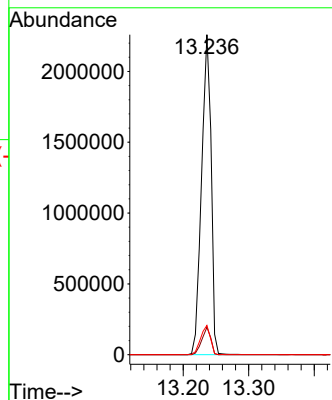
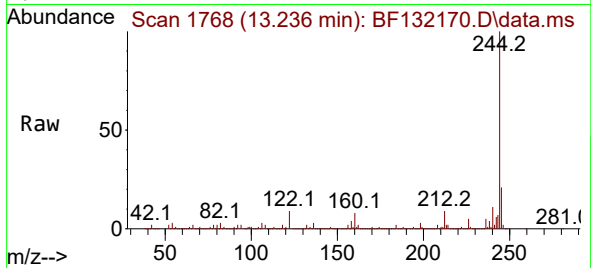




#79
 Terphenyl-d14
 Concen: 79.728 ng
 RT: 13.236 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF132170.D
 Acq: 20 Jan 2023 20:03

Instrument :
 BNA_F
 ClientSampleId :
 B-P34A

Tgt Ion:244 Resp: 2298218
 Ion Ratio Lower Upper
 244 100
 212 8.6 6.7 10.1
 122 9.1 7.4 11.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.895 min Scan# 2220
 Delta R.T. -0.006 min
 Lab File: BF132170.D
 Acq: 20 Jan 2023 20:03

Tgt Ion:264 Resp: 384782
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.1 28.7
 265 21.5 17.4 26.0

