

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
 Data File : BF132258.D
 Acq On : 01 Feb 2023 13:59
 Operator : CG\JU
 Sample : 01356-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-J

Quant Time: Feb 02 00:53:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 01 05:24:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.066	152	170738	20.000	ng	0.00
21) Naphthalene-d8	8.354	136	651052	20.000	ng	0.00
39) Acenaphthene-d10	10.119	164	329910	20.000	ng	0.00
64) Phenanthrene-d10	11.619	188	622023	20.000	ng	0.00
76) Chrysene-d12	14.277	240	433870	20.000	ng	-0.01
86) Perylene-d12	15.866	264	356918	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.701	112	1288889	121.341	ng	0.02
7) Phenol-d6	6.684	99	1471456	112.364	ng	0.00
23) Nitrobenzene-d5	7.631	82	1052688	89.976	ng	0.00
42) 2,4,6-Tribromophenol	10.913	330	513848	151.458	ng	0.00
45) 2-Fluorobiphenyl	9.431	172	1771848	82.937	ng	0.00
79) Terphenyl-d14	13.213	244	2208602	98.470	ng	0.00

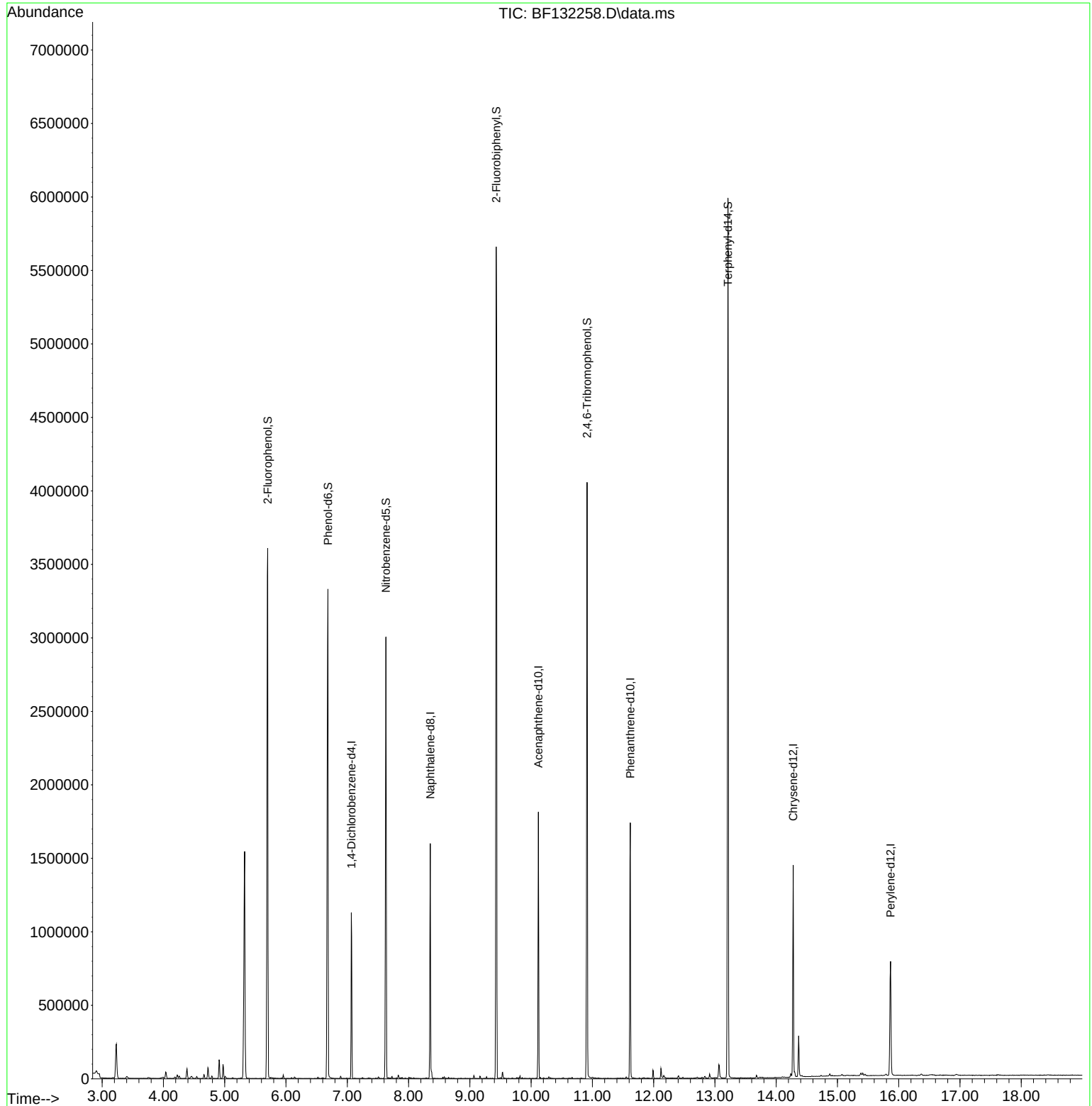
Target Compounds	Qvalue

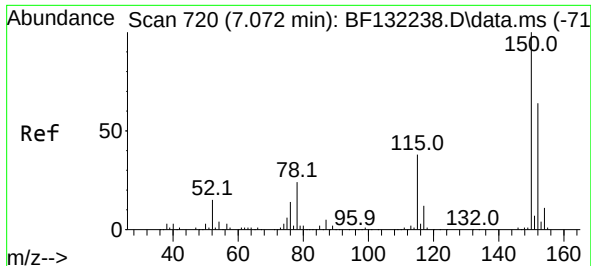
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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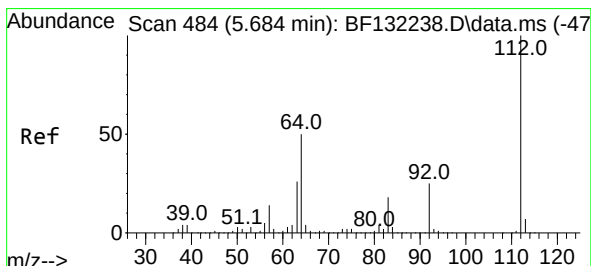
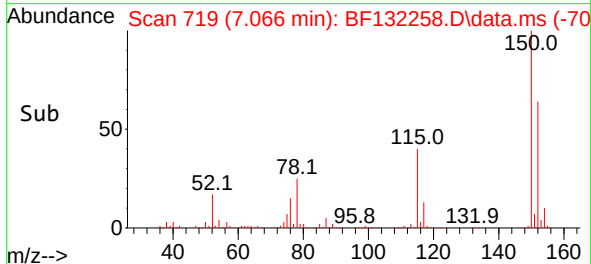
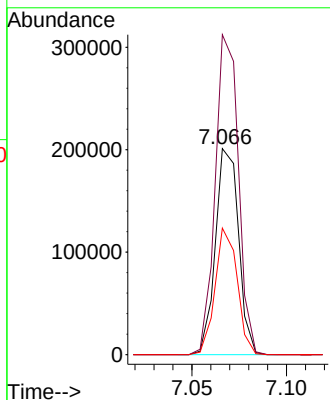
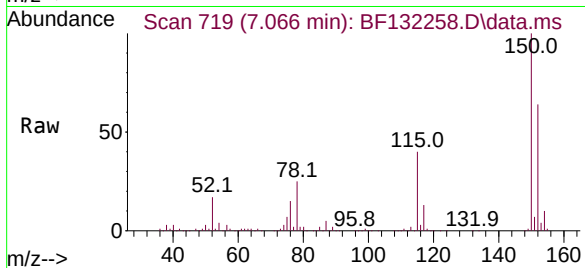




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.066 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132258.D
Acq: 01 Feb 2023 13:59

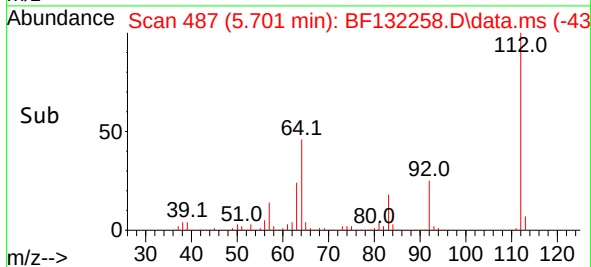
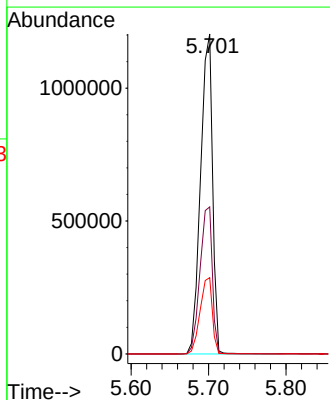
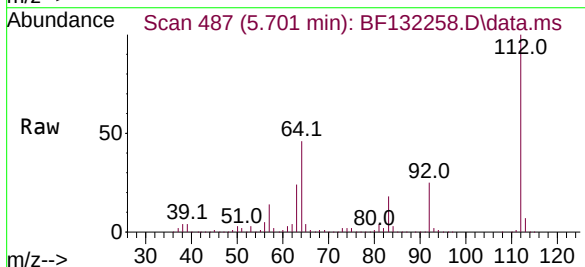
Instrument :
BNA_F
ClientSampleId :
TP-J

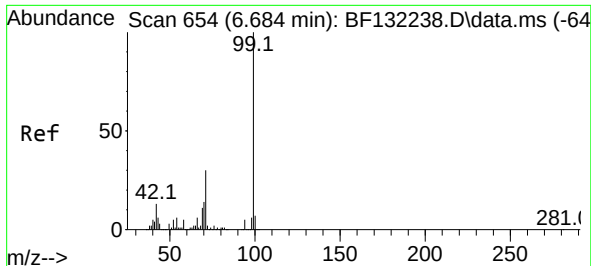
Tgt Ion:152 Resp: 170738
Ion Ratio Lower Upper
152 100
150 155.3 124.2 186.2
115 61.4 47.3 70.9



#5
2-Fluorophenol
Concen: 121.341 ng
RT: 5.701 min Scan# 487
Delta R.T. 0.018 min
Lab File: BF132258.D
Acq: 01 Feb 2023 13:59

Tgt Ion:112 Resp: 1288889
Ion Ratio Lower Upper
112 100
64 45.9 40.0 60.0
63 23.8 20.5 30.7

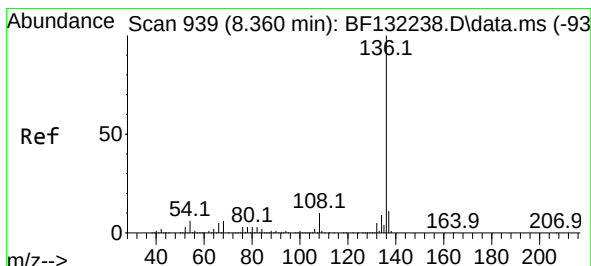
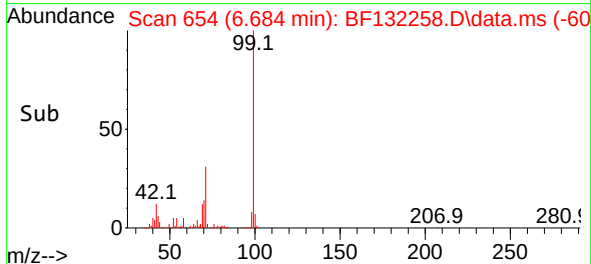
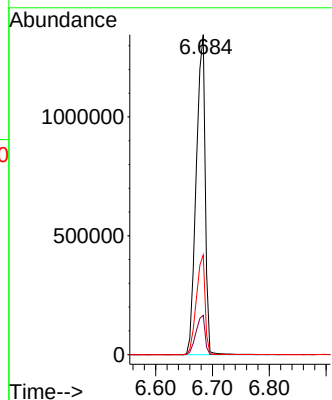
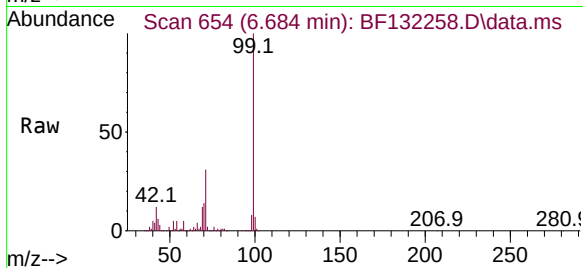




#7
Phenol-d6
Concen: 112.364 ng
RT: 6.684 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF132258.D
Acq: 01 Feb 2023 13:59

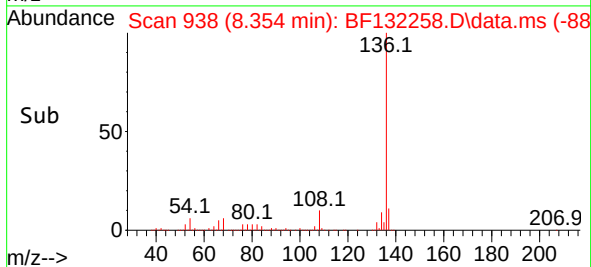
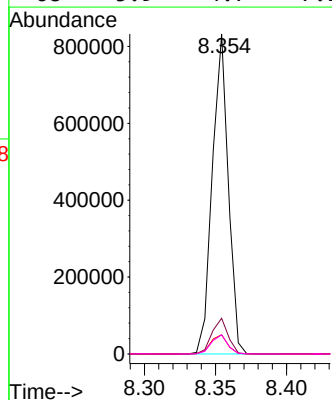
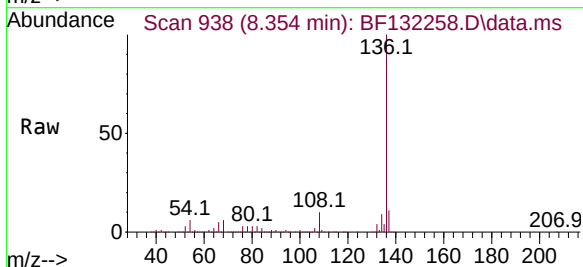
Instrument :
BNA_F
ClientSampleId :
TP-J

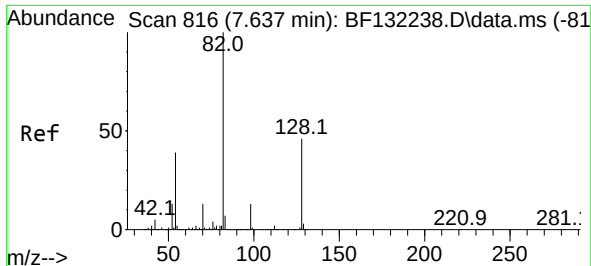
Tgt Ion: 99 Resp: 1471456
Ion Ratio Lower Upper
99 100
42 12.3 10.1 15.1
71 31.1 24.2 36.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.354 min Scan# 938
Delta R.T. -0.006 min
Lab File: BF132258.D
Acq: 01 Feb 2023 13:59

Tgt Ion:136 Resp: 651052
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 6.0 4.9 7.3
68 5.9 4.7 7.1





#23

Nitrobenzene-d5

Concen: 89.976 ng

RT: 7.631 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF132258.D

Acq: 01 Feb 2023 13:59

Instrument :

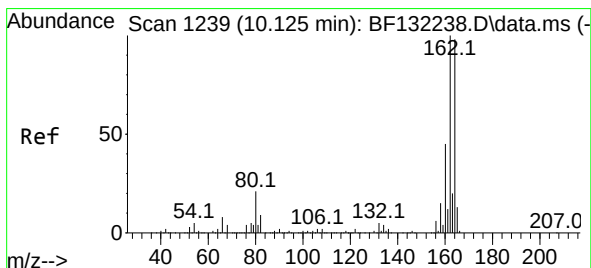
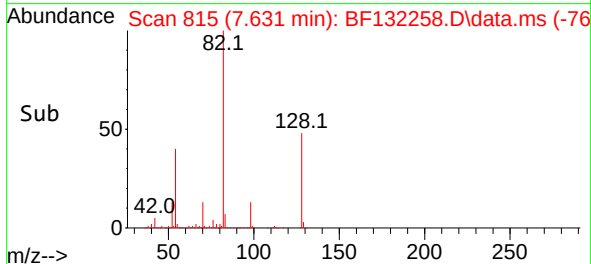
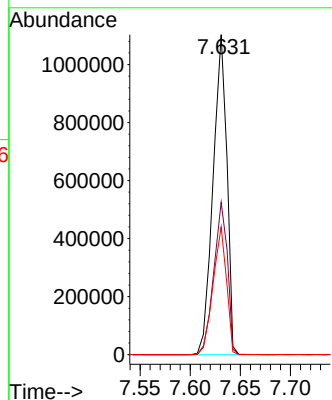
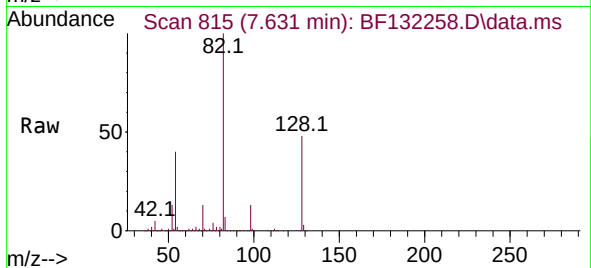
BNA_F

ClientSampleId :

TP-J

Tgt Ion: 82 Resp: 1052688

Ion	Ratio	Lower	Upper
82	100		
128	47.6	37.0	55.4
54	39.9	31.5	47.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.119 min Scan# 1238

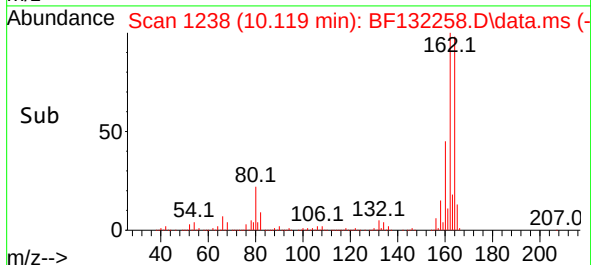
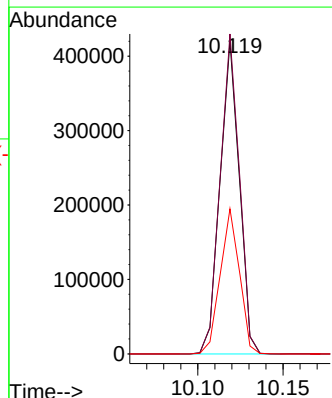
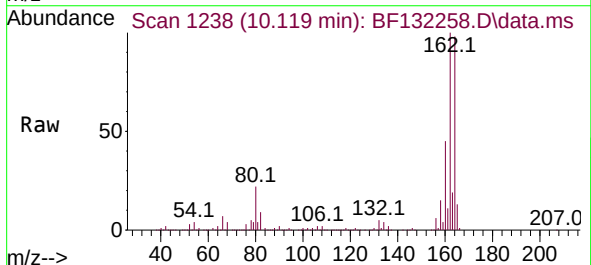
Delta R.T. -0.006 min

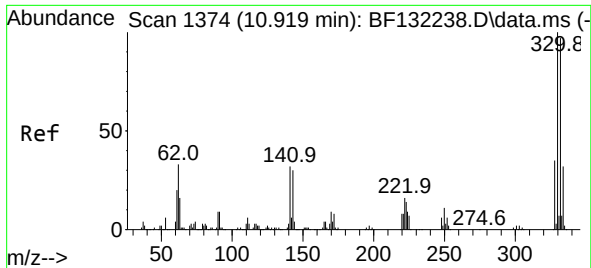
Lab File: BF132258.D

Acq: 01 Feb 2023 13:59

Tgt Ion: 164 Resp: 329910

Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.0	123.0
160	46.4	37.1	55.7





#42

2,4,6-Tribromophenol

Concen: 151.458 ng

RT: 10.913 min Scan# 1374

Delta R.T. -0.006 min

Lab File: BF132258.D

Acq: 01 Feb 2023 13:59

Instrument :

BNA_F

ClientSampleId :

TP-J

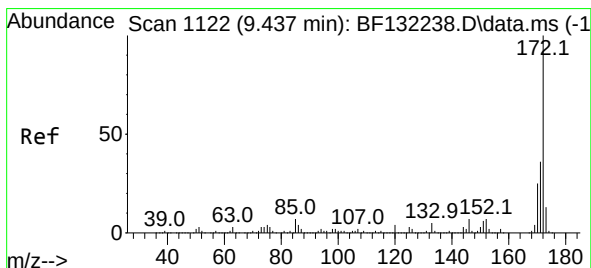
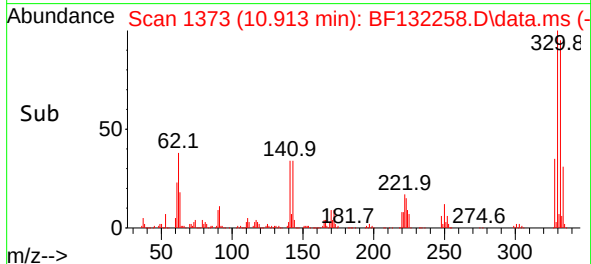
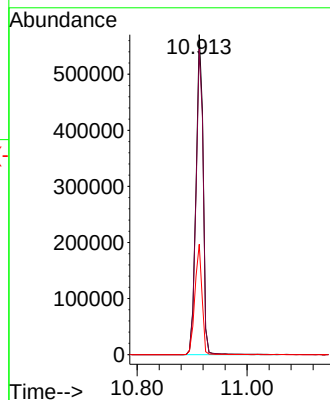
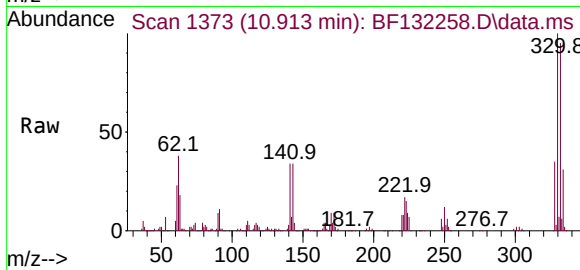
Tgt Ion:330 Resp: 513848

Ion Ratio Lower Upper

330 100

332 95.9 77.9 116.9

141 34.3 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 82.937 ng

RT: 9.431 min Scan# 1121

Delta R.T. -0.006 min

Lab File: BF132258.D

Acq: 01 Feb 2023 13:59

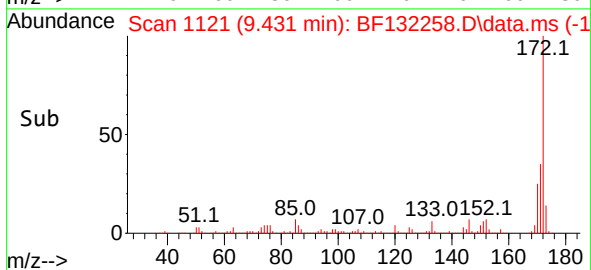
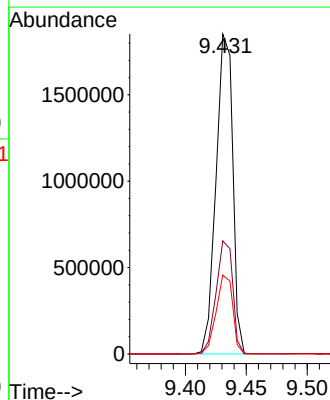
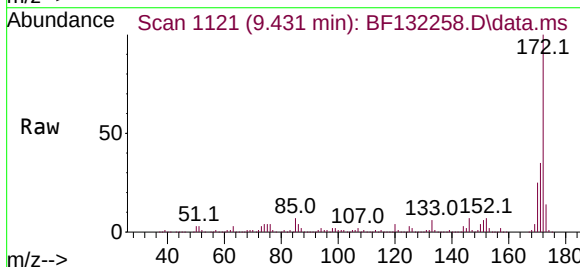
Tgt Ion:172 Resp: 1771848

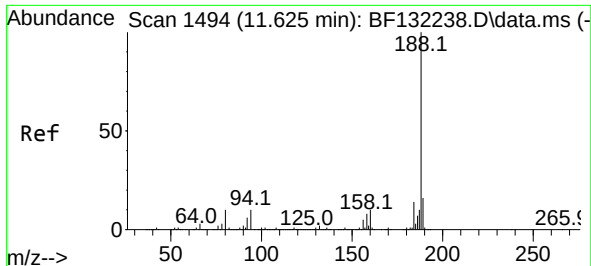
Ion Ratio Lower Upper

172 100

171 35.3 28.6 43.0

170 24.6 19.7 29.5

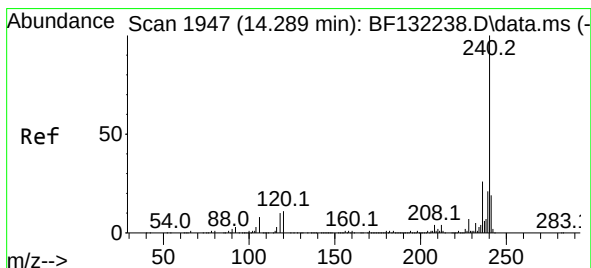
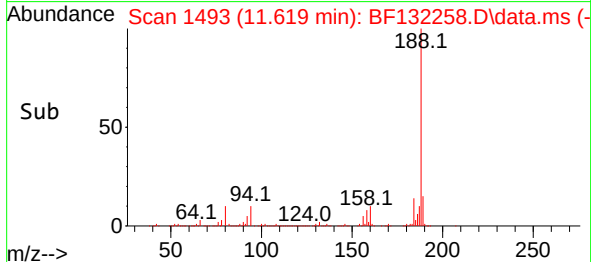
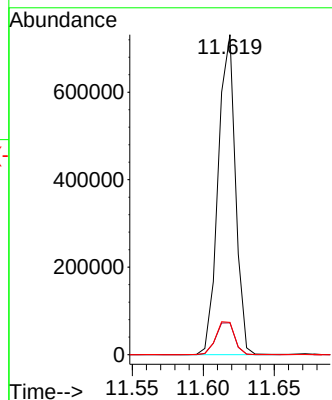
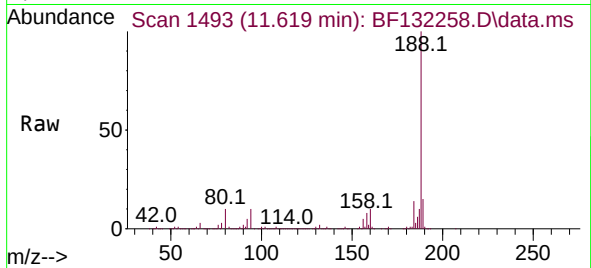




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.619 min Scan# 1493
Delta R.T. -0.006 min
Lab File: BF132258.D
Acq: 01 Feb 2023 13:59

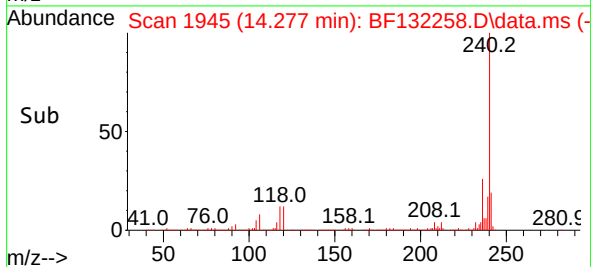
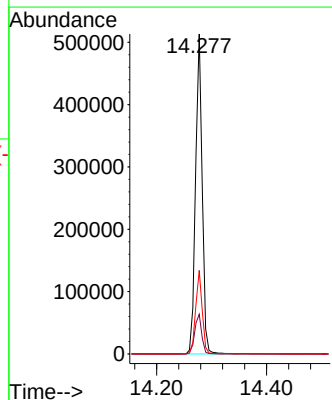
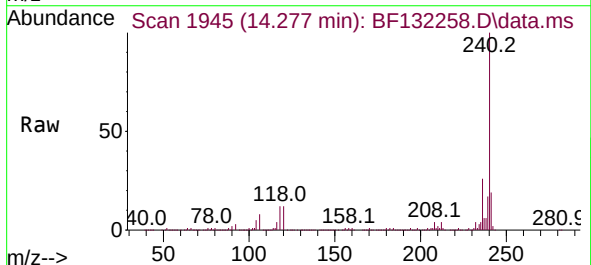
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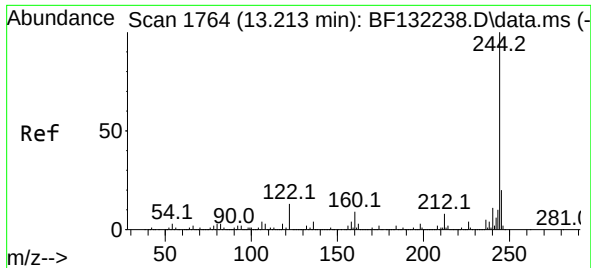
Tgt Ion:188 Resp: 622023
Ion Ratio Lower Upper
188 100
94 9.9 8.2 12.2
80 10.1 8.3 12.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.277 min Scan# 1945
Delta R.T. -0.012 min
Lab File: BF132258.D
Acq: 01 Feb 2023 13:59

Tgt Ion:240 Resp: 433870
Ion Ratio Lower Upper
240 100
120 12.4 8.8 13.2
236 26.1 21.0 31.6

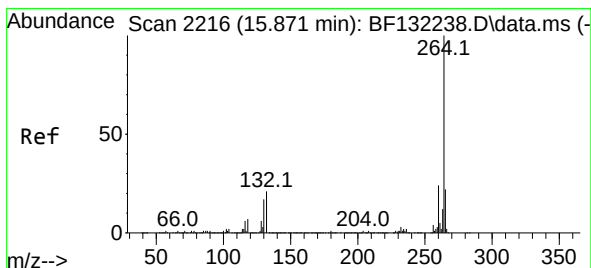
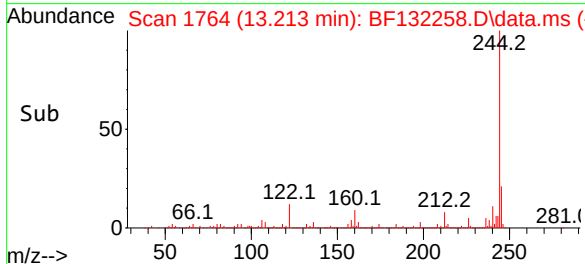
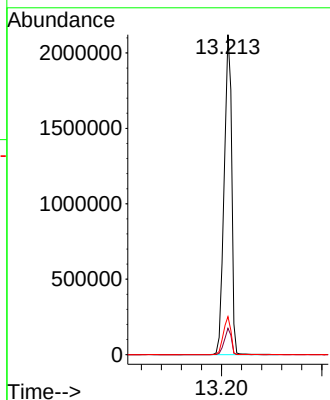
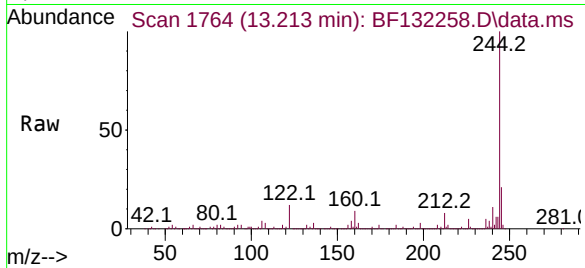




#79
 Terphenyl-d14
 Concen: 98.470 ng
 RT: 13.213 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF132258.D
 Acq: 01 Feb 2023 13:59

Instrument :
 BNA_F
 ClientSampleId :
 TP-J

Tgt Ion:244 Resp: 2208602
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.4 9.6
 122 11.9 10.5 15.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.866 min Scan# 2215
 Delta R.T. -0.006 min
 Lab File: BF132258.D
 Acq: 01 Feb 2023 13:59

Tgt Ion:264 Resp: 356918
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.4
 265 21.6 17.4 26.2

