

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021723\
 Data File : BF132460.D
 Acq On : 17 Feb 2023 20:38
 Operator : CG\JU
 Sample : 01595-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-655-3

Quant Time: Feb 18 01:01:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 18 00:58:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.019	152	255143	20.000	ng	0.00
21) Naphthalene-d8	8.307	136	948968	20.000	ng	0.00
39) Acenaphthene-d10	10.072	164	511729	20.000	ng	0.00
64) Phenanthrene-d10	11.566	188	980577	20.000	ng	0.00
76) Chrysene-d12	14.219	240	714114	20.000	ng	#-0.01
86) Perylene-d12	15.783	264	667378	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.654	112	1545662	97.072	ng	0.01
7) Phenol-d6	6.643	99	2168285	104.287	ng	0.00
23) Nitrobenzene-d5	7.584	82	1331771	67.432	ng	-0.01
42) 2,4,6-Tribromophenol	10.866	330	614767	120.407	ng	0.00
45) 2-Fluorobiphenyl	9.384	172	2181197	65.824	ng	0.00
79) Terphenyl-d14	13.160	244	3016841	76.938	ng	0.00

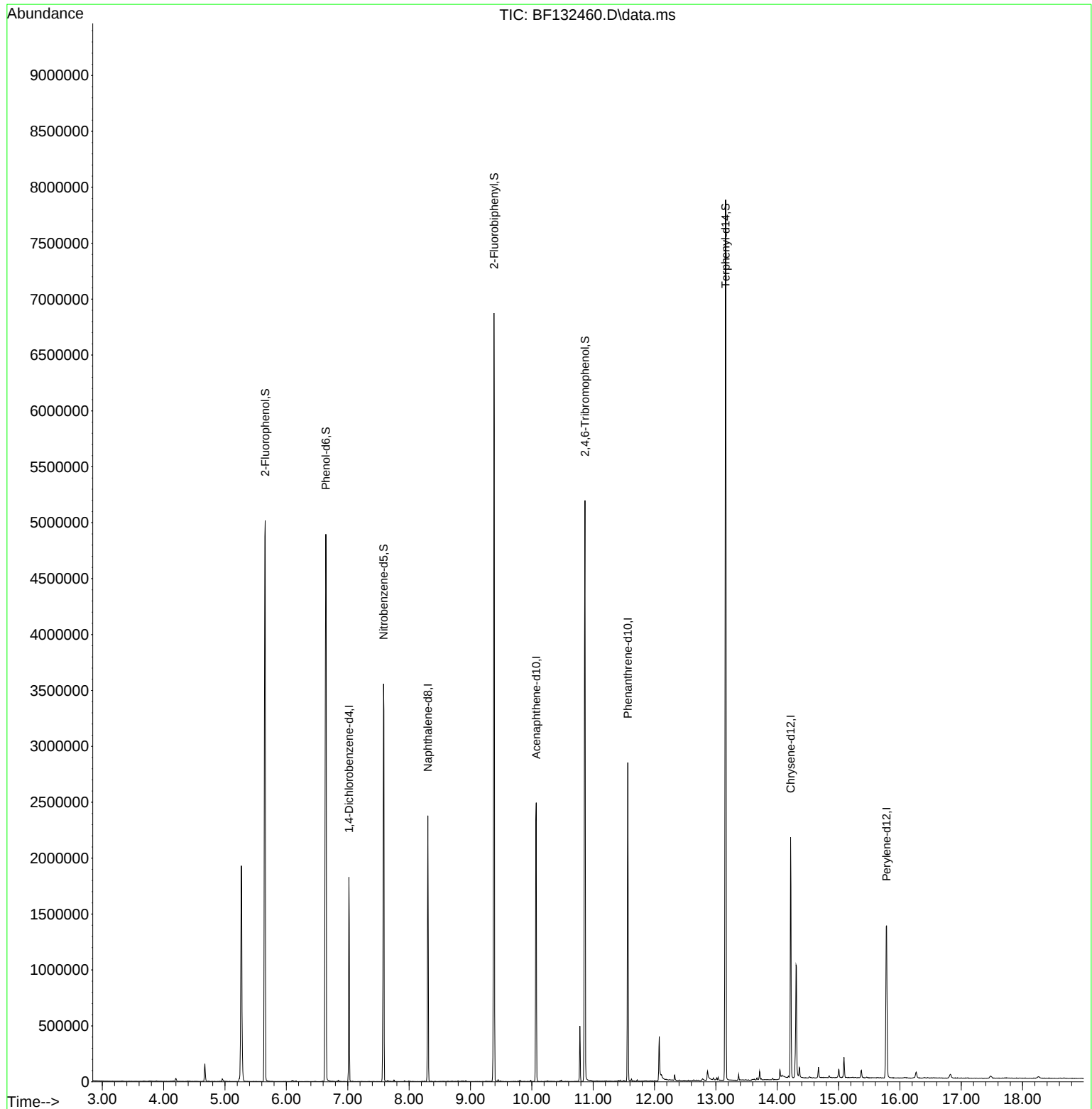
Target Compounds	Qvalue

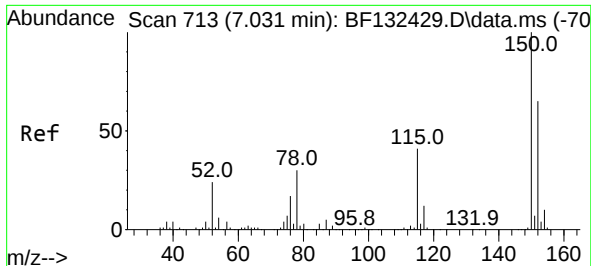
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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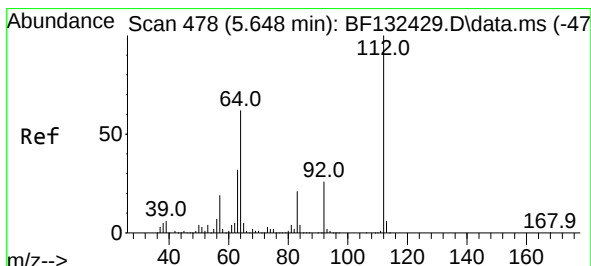
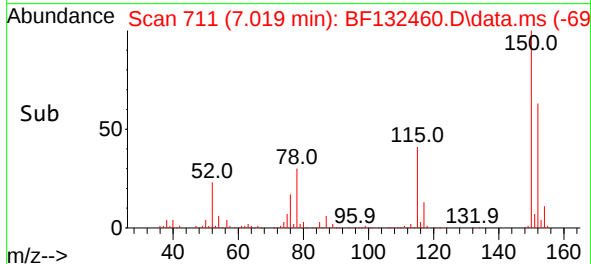
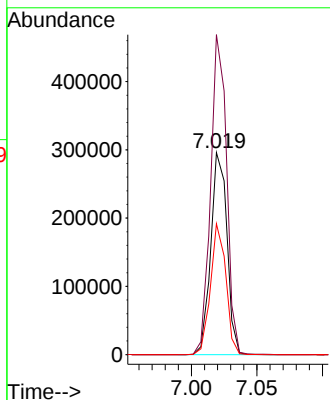
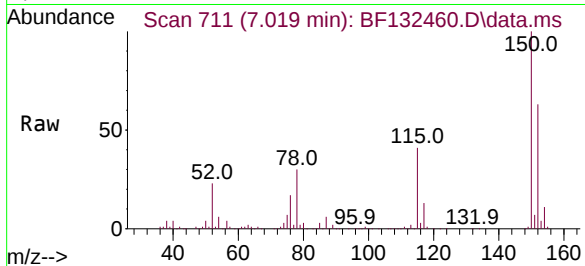




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.019 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132460.D
Acq: 17 Feb 2023 20:38

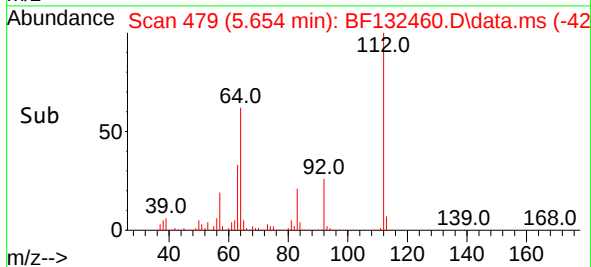
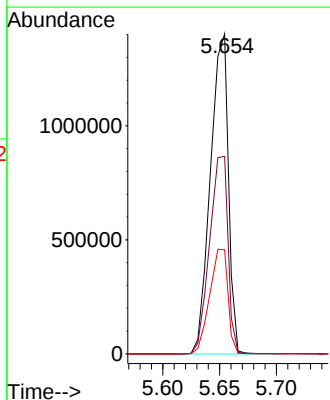
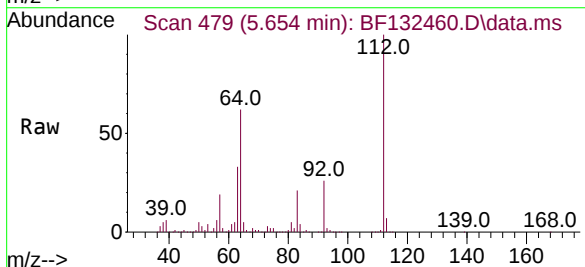
Instrument :
BNA_F
ClientSampleId :
S-655-3

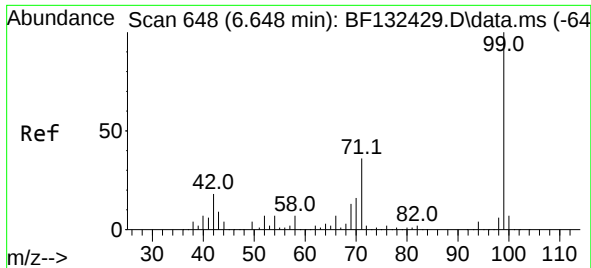
Tgt Ion:152 Resp: 255143
Ion Ratio Lower Upper
152 100
150 158.4 123.8 185.8
115 64.7 50.4 75.6



#5
2-Fluorophenol
Concen: 97.072 ng
RT: 5.654 min Scan# 479
Delta R.T. 0.012 min
Lab File: BF132460.D
Acq: 17 Feb 2023 20:38

Tgt Ion:112 Resp: 1545662
Ion Ratio Lower Upper
112 100
64 61.7 49.7 74.5
63 32.5 25.8 38.8



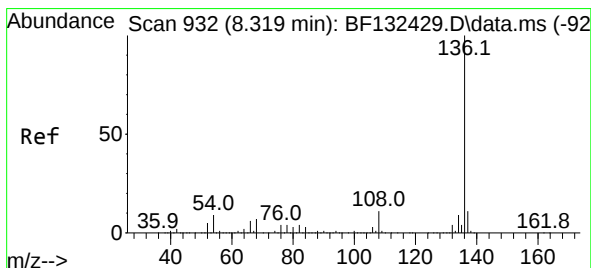
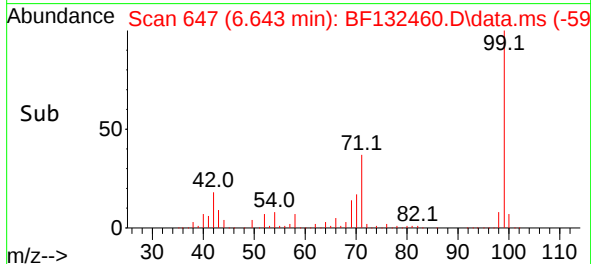
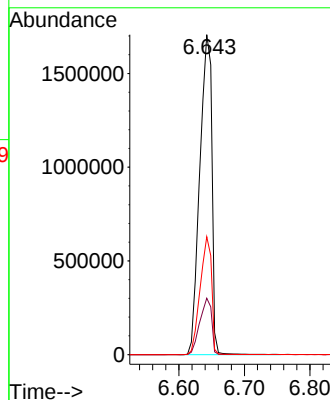
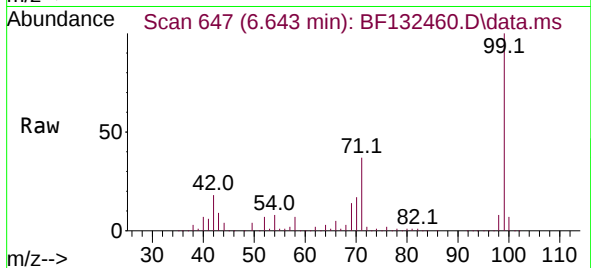


#7
Phenol-d6
Concen: 104.287 ng
RT: 6.643 min Scan# 64
Delta R.T. -0.006 min
Lab File: BF132460.D
Acq: 17 Feb 2023 20:38

Instrument :
BNA_F
ClientSampleId :
S-655-3

Tgt Ion: 99 Resp: 2168285

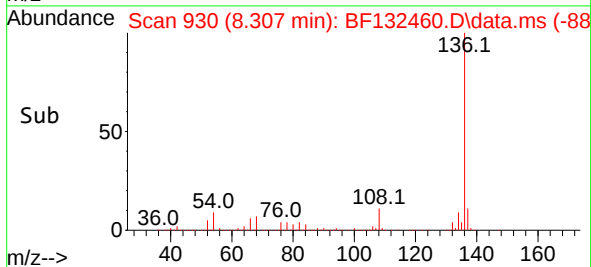
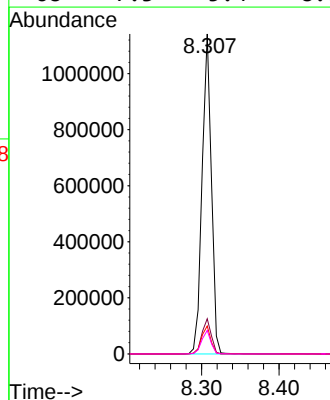
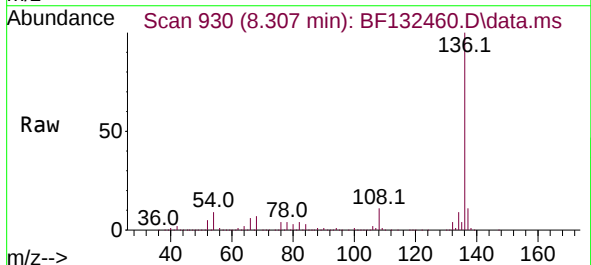
Ion	Ratio	Lower	Upper
99	100		
42	17.6	14.6	21.8
71	36.9	28.7	43.1

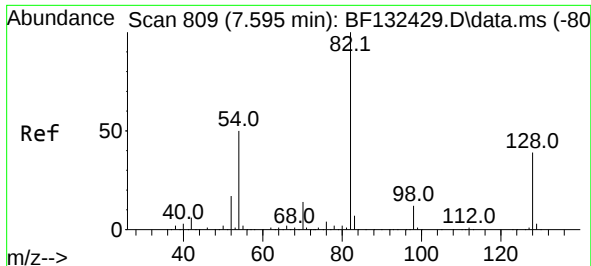


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.307 min Scan# 930
Delta R.T. -0.006 min
Lab File: BF132460.D
Acq: 17 Feb 2023 20:38

Tgt Ion:136 Resp: 948968

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.7	6.9	10.3
68	7.3	5.4	8.0





#23

Nitrobenzene-d5

Concen: 67.432 ng

RT: 7.584 min Scan# 80

Delta R.T. -0.012 min

Lab File: BF132460.D

Acq: 17 Feb 2023 20:38

Instrument :

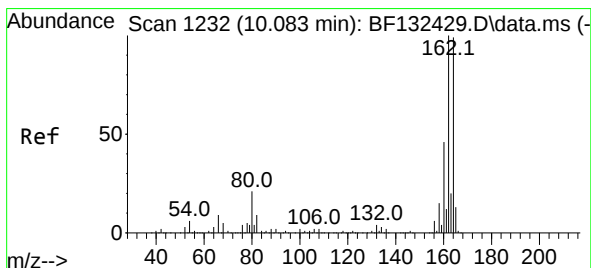
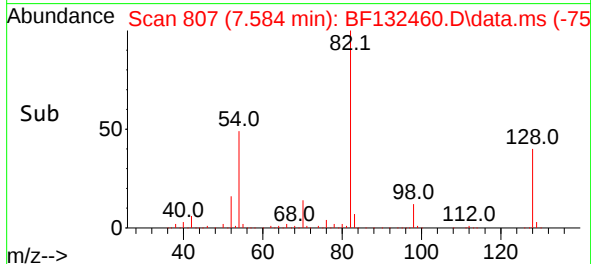
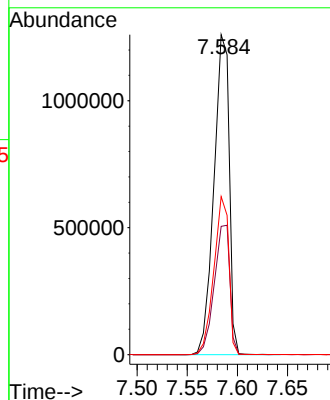
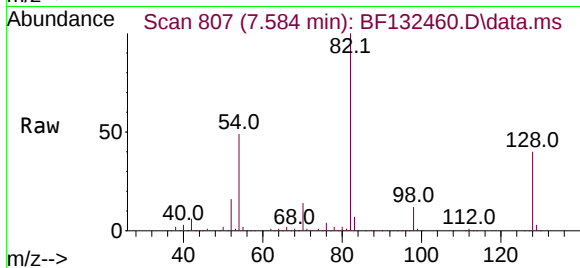
BNA_F

ClientSampleId :

S-655-3

Tgt Ion: 82 Resp: 1331771

Ion	Ratio	Lower	Upper
82	100		
128	40.1	30.8	46.2
54	49.4	40.2	60.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.072 min Scan# 1230

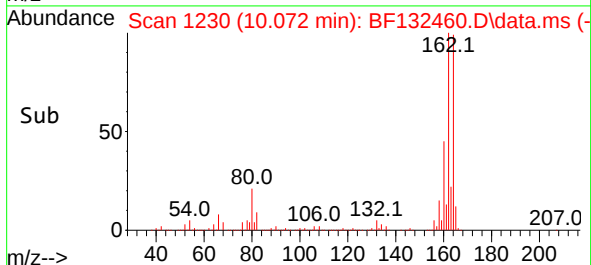
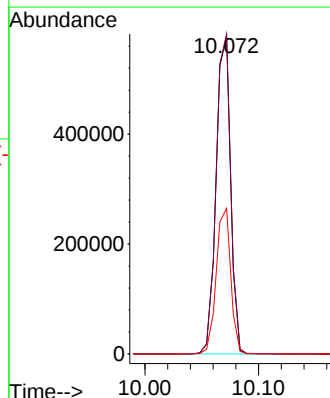
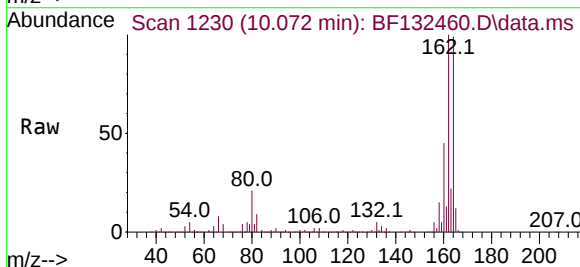
Delta R.T. -0.006 min

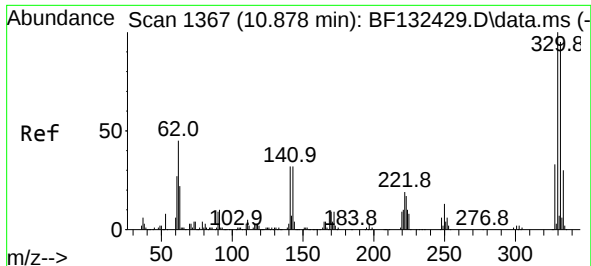
Lab File: BF132460.D

Acq: 17 Feb 2023 20:38

Tgt Ion:164 Resp: 511729

Ion	Ratio	Lower	Upper
164	100		
162	101.0	80.8	121.2
160	45.9	37.2	55.8





#42

2,4,6-Tribromophenol

Concen: 120.407 ng

RT: 10.866 min Scan# 1113

Delta R.T. -0.006 min

Lab File: BF132460.D

Acq: 17 Feb 2023 20:38

Instrument :

BNA_F

ClientSampleId :

S-655-3

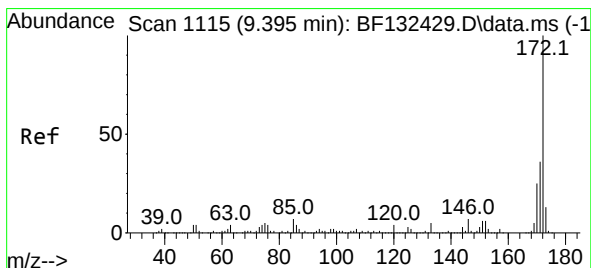
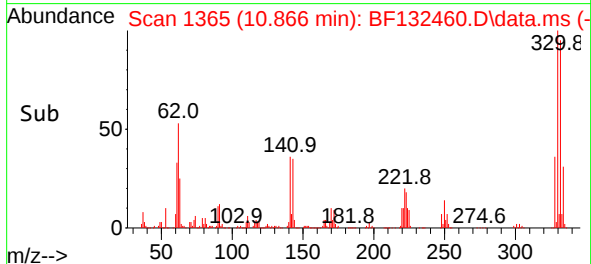
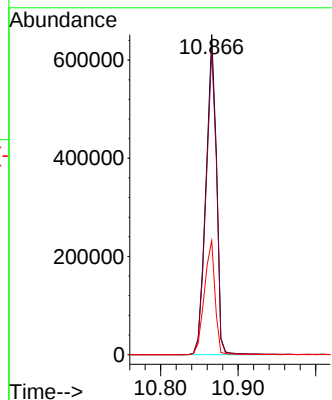
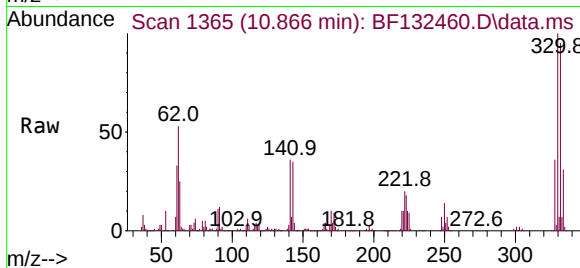
Tgt Ion:330 Resp: 614767

Ion Ratio Lower Upper

330 100

332 95.5 76.3 114.5

141 36.0 30.3 45.5



#45

2-Fluorobiphenyl

Concen: 65.824 ng

RT: 9.384 min Scan# 1113

Delta R.T. -0.006 min

Lab File: BF132460.D

Acq: 17 Feb 2023 20:38

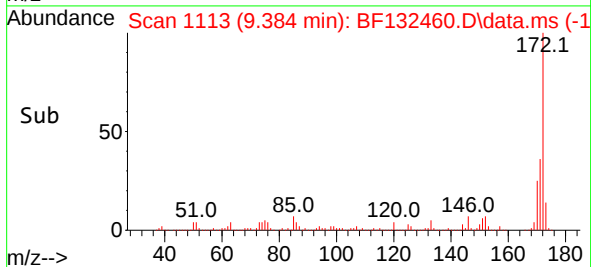
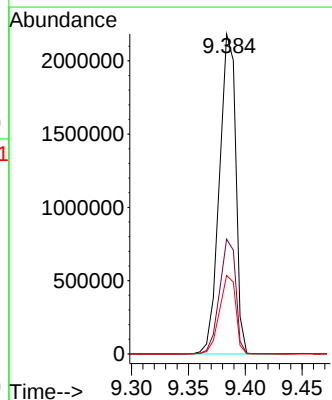
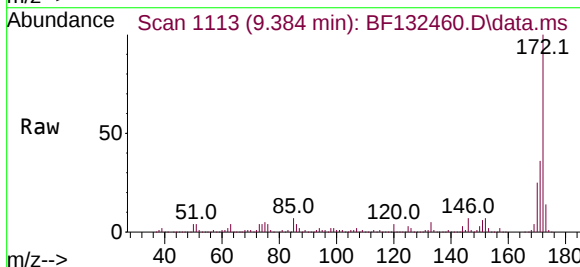
Tgt Ion:172 Resp: 2181197

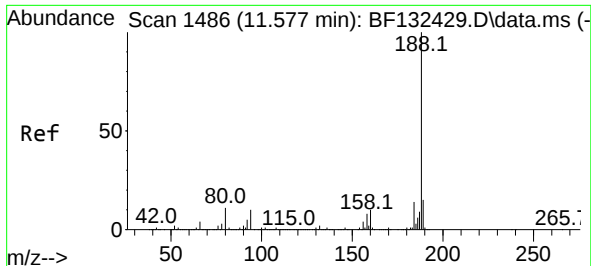
Ion Ratio Lower Upper

172 100

171 35.9 28.6 42.8

170 24.5 19.9 29.9

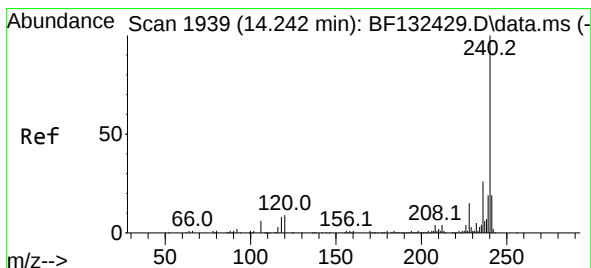
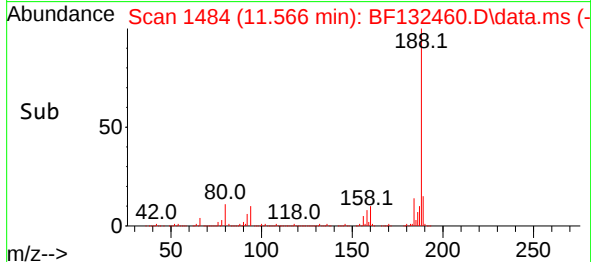
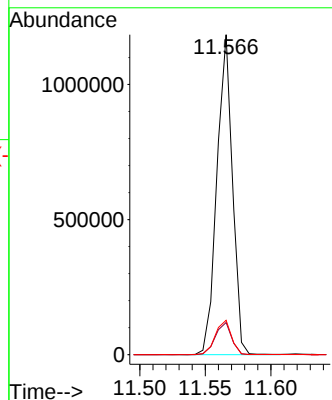
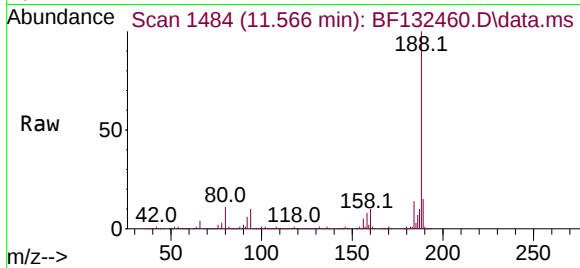




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.566 min Scan# 1484
Delta R.T. -0.006 min
Lab File: BF132460.D
Acq: 17 Feb 2023 20:38

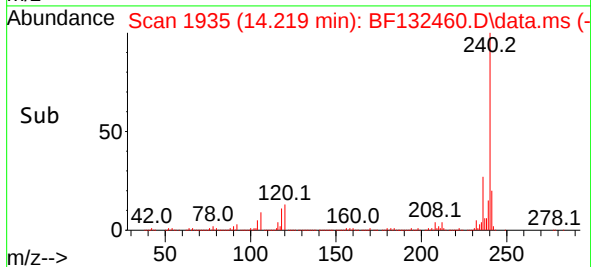
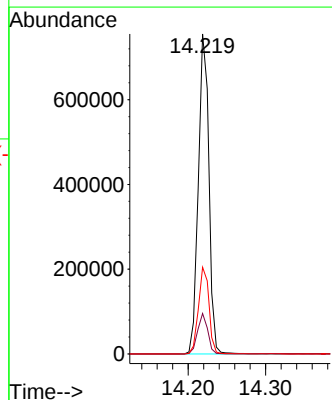
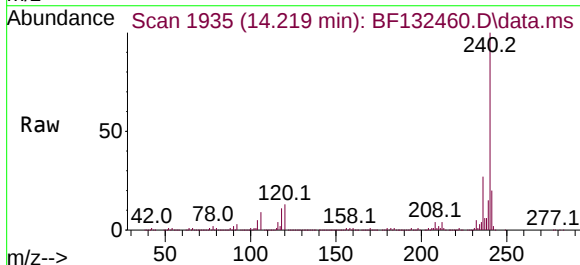
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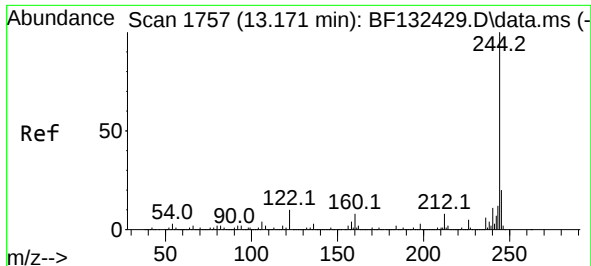
Tgt Ion:188 Resp: 980577
Ion Ratio Lower Upper
188 100
94 10.0 8.0 12.0
80 10.7 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.219 min Scan# 1935
Delta R.T. -0.012 min
Lab File: BF132460.D
Acq: 17 Feb 2023 20:38

Tgt Ion:240 Resp: 714114
Ion Ratio Lower Upper
240 100
120 12.6 7.5 11.3#
236 27.1 21.0 31.6

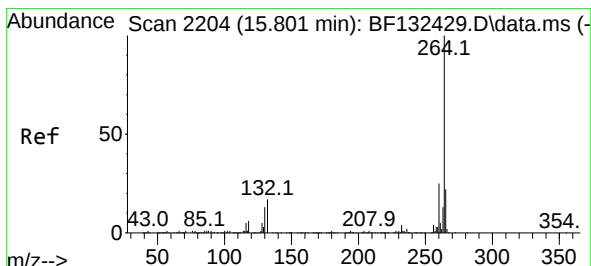
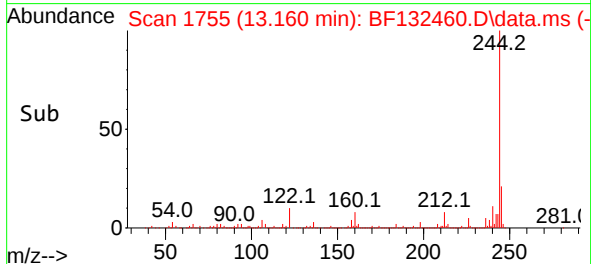
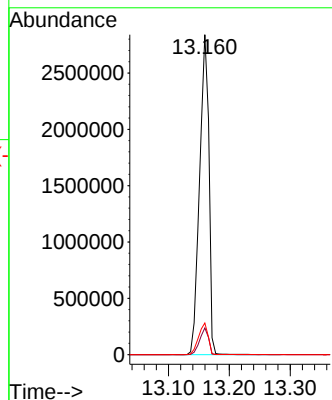
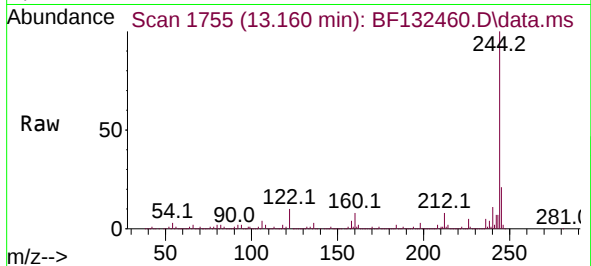




#79
 Terphenyl-d14
 Concen: 76.938 ng
 RT: 13.160 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF132460.D
 Acq: 17 Feb 2023 20:38

Instrument :
 BNA_F
 ClientSampleId :
 S-655-3

Tgt Ion:244 Resp: 3016841
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.7 10.1
 122 9.9 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.783 min Scan# 2201
 Delta R.T. 0.000 min
 Lab File: BF132460.D
 Acq: 17 Feb 2023 20:38

Tgt Ion:264 Resp: 667378
 Ion Ratio Lower Upper
 264 100
 260 24.8 20.0 30.0
 265 21.6 17.2 25.8

