

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
 Data File : BF119043.D
 Acq On : 25 Feb 2020 1:54
 Operator : CG/JU
 Sample : L1635-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LIED-TS001-01

Quant Time: Feb 25 03:38:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 20 17:40:17 2020
 Response via : Initial Calibration

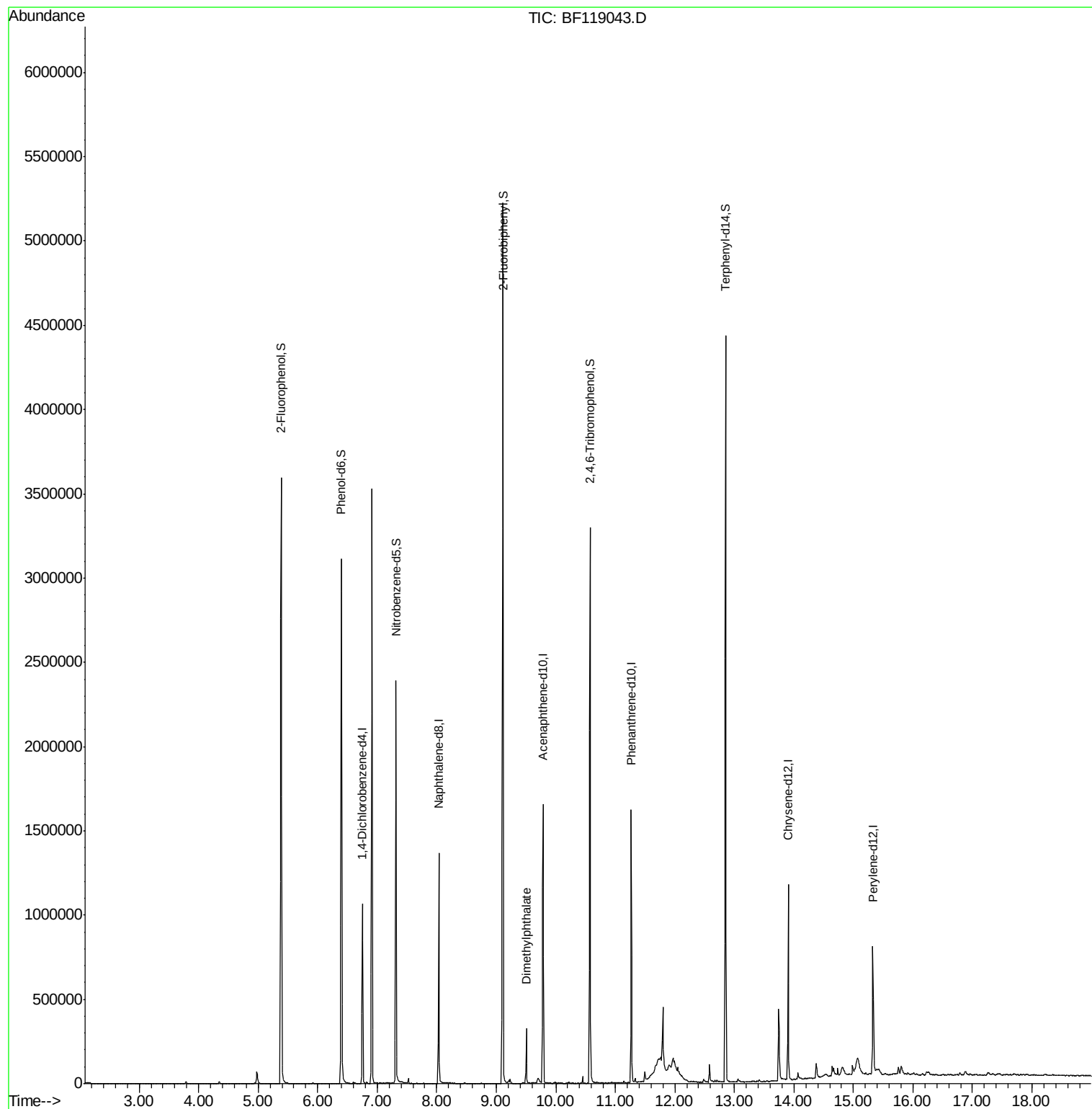
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	167171	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	627497	20.00	ng	-0.01
39) Acenaphthene-d10	9.79	164	333626	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	584383	20.00	ng	0.00
76) Chrysene-d12	13.90	240	388757	20.00	ng	0.00
87) Perylene-d12	15.33	264	374419	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1079160	107.88	ng	0.00
7) Phenol-d6	6.40	99	1310928	107.76	ng	0.00
23) Nitrobenzene-d5	7.32	82	882089	74.22	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	460303	105.47	ng	0.00
45) 2-Fluorobiphenyl	9.11	172	1703715	75.23	ng	-0.01
79) Terphenyl-d14	12.86	244	1801215	79.77	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.50	163	136278	5.342	ng	Qvalue 99

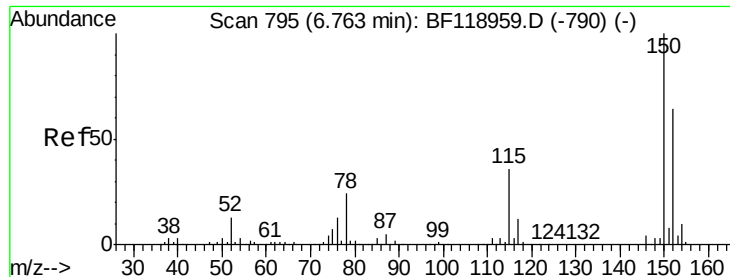
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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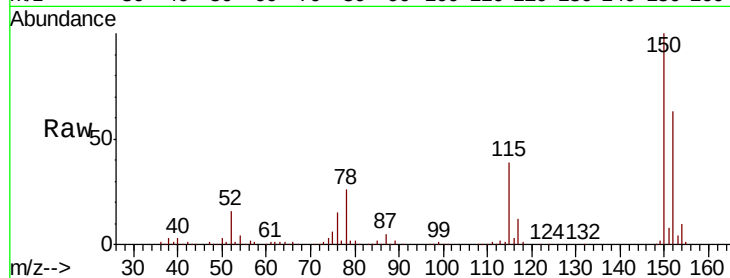


#1

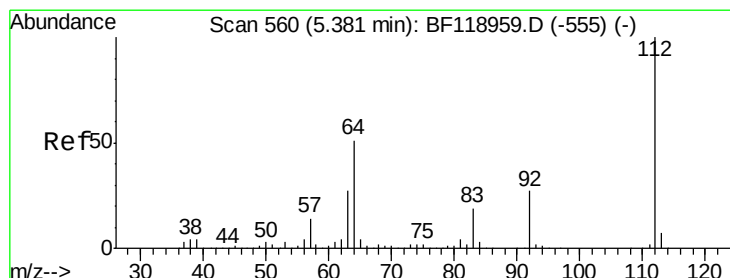
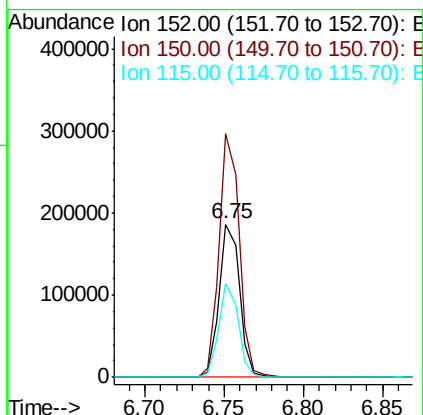
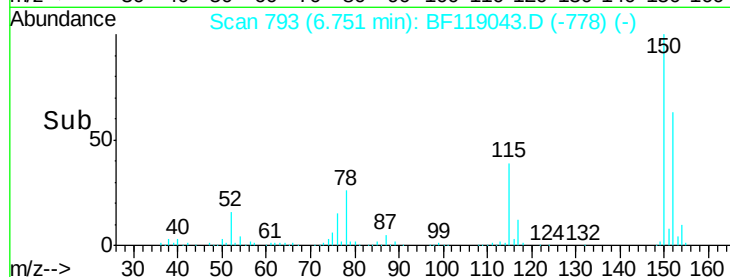
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF119043.D
Acq: 25 Feb 2020 1:54

Instrument :
BNA_F
ClientSampleId :
LIED-TS001-01

Tot Ion:152 Resp: 167171
Ion Ratio Lower Upper
152 100
150 158.9 124.3 186.5
115 61.5 44.6 67.0



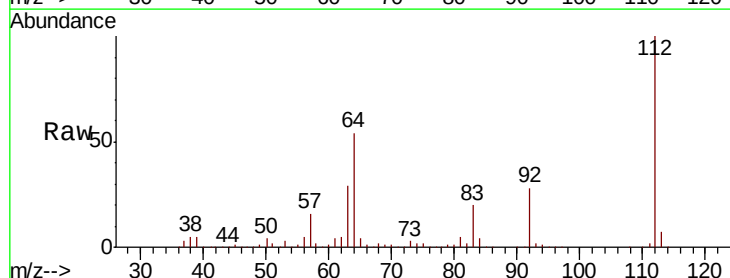
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



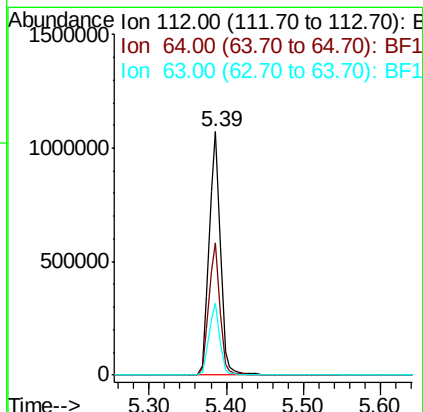
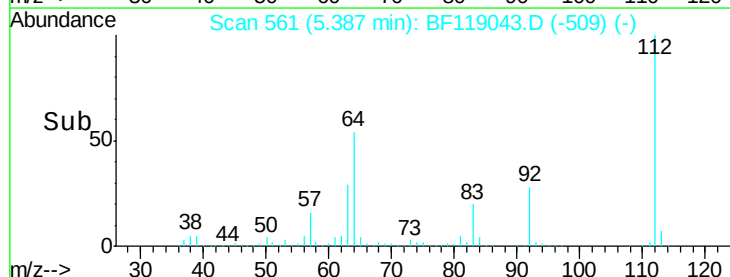
#5

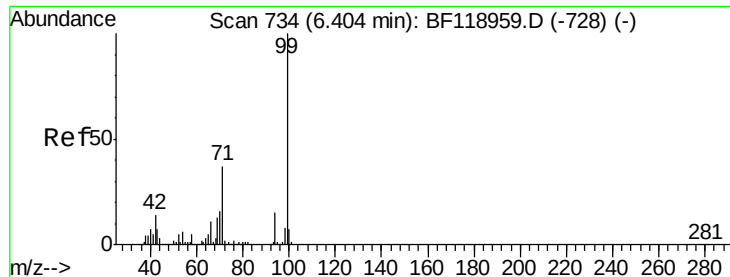
2-Fluorophenol
Concen: 107.882 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF119043.D
Acq: 25 Feb 2020 1:54

Tgt Ion:112 Resp: 1079160
Ion Ratio Lower Upper
112 100
64 54.2 40.4 60.6
63 29.4 21.3 31.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 107.756 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119043.D

Acq: 25 Feb 2020 1:54

Instrument :

BNA_F

ClientSampleId :

LIED-TS001-01

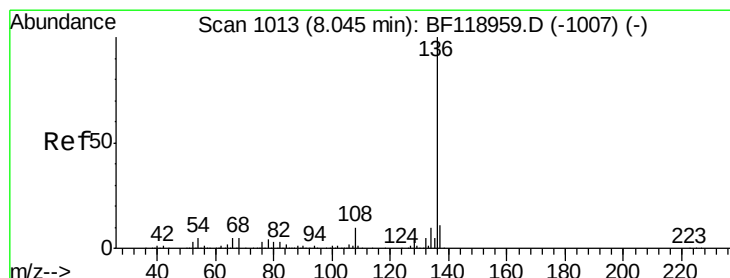
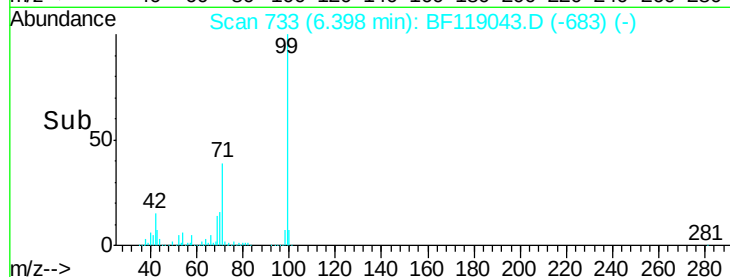
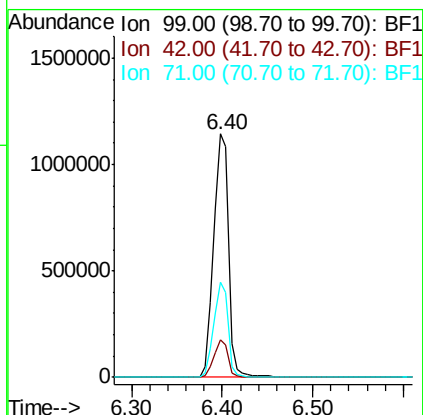
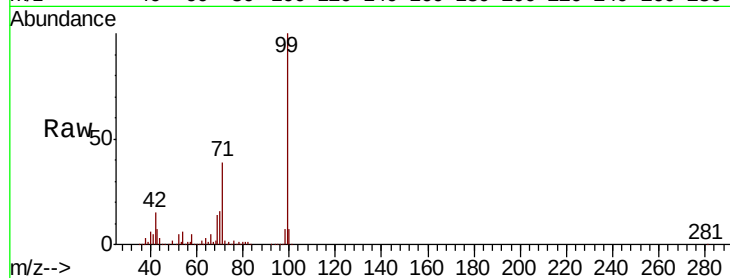
Tot Ion: 99 Resp: 1310928

Ion Ratio Lower Upper

99 100

42 15.3 11.4 17.0

71 38.9 29.8 44.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF119043.D

Acq: 25 Feb 2020 1:54

Tgt Ion: 136 Resp: 627497

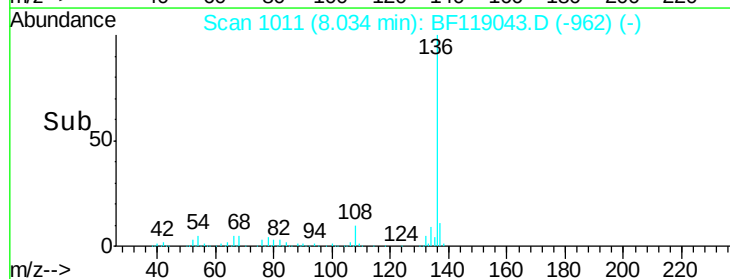
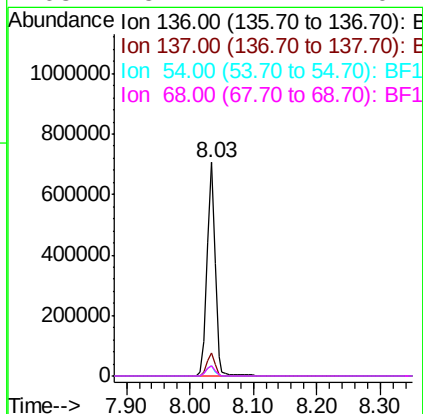
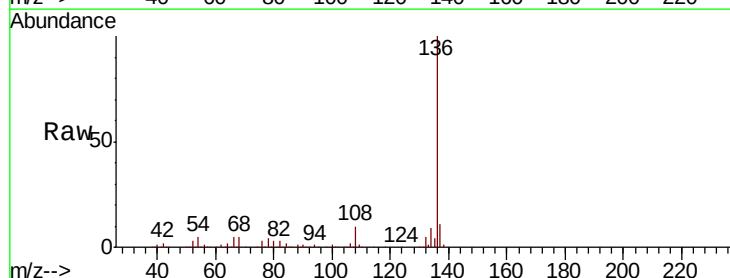
Ion Ratio Lower Upper

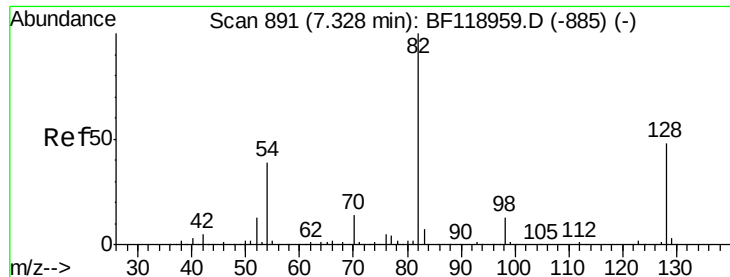
136 100

137 11.0 8.9 13.3

54 4.9 3.8 5.6

68 5.1 4.2 6.2

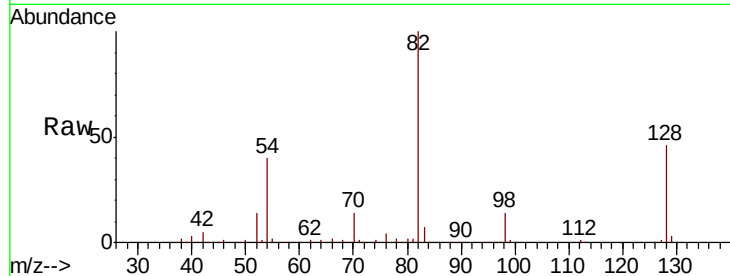




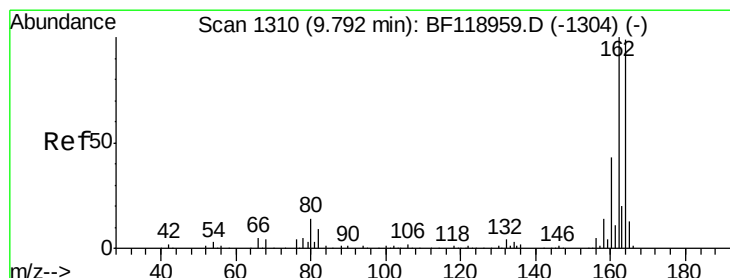
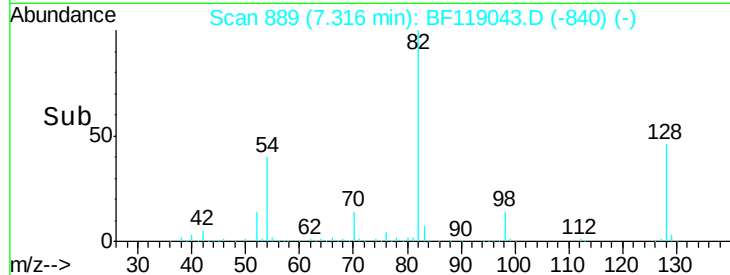
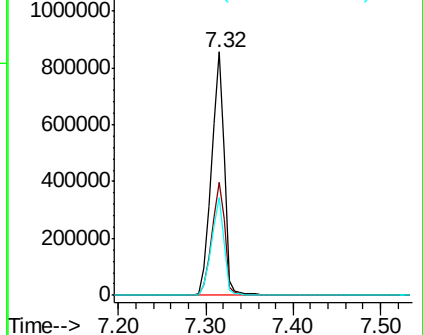
#23
 Nitrobenzene-d5
 Concen: 74.222 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF119043.D
 Acq: 25 Feb 2020 1:54

Instrument :
 BNA_F
 ClientSampleId :
 LIED-TS001-01

Tot Ion	82	Resp	882089
Ion Ratio	100		
Lower	38.2		
Upper	57.2		
54	40.0		46.9

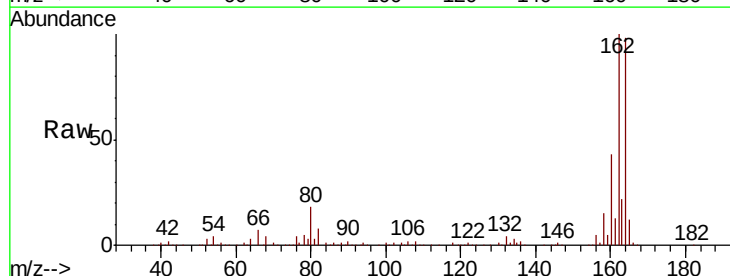


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

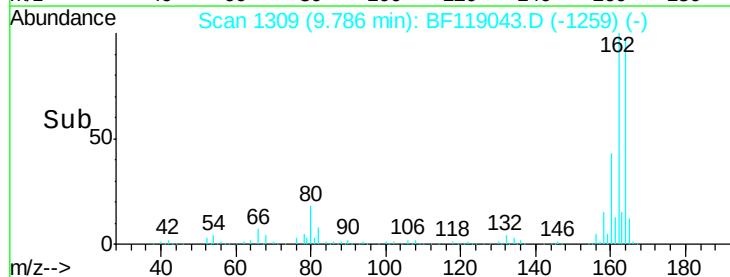
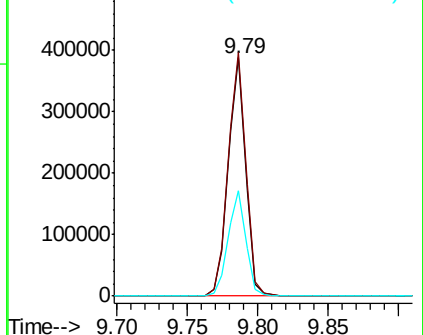


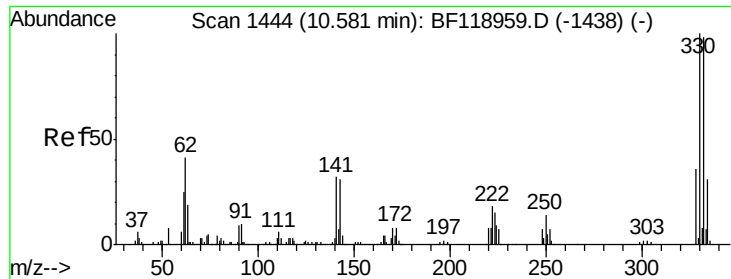
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF119043.D
 Acq: 25 Feb 2020 1:54

Tgt Ion	164	Resp	333626
Ion Ratio	100		
Lower	81.2		
Upper	121.8		
162	102.3		52.8
160	44.2		



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 105.468 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF119043.D

Acq: 25 Feb 2020 1:54

Instrument :

BNA_F

ClientSampleId :

LIED-TS001-01

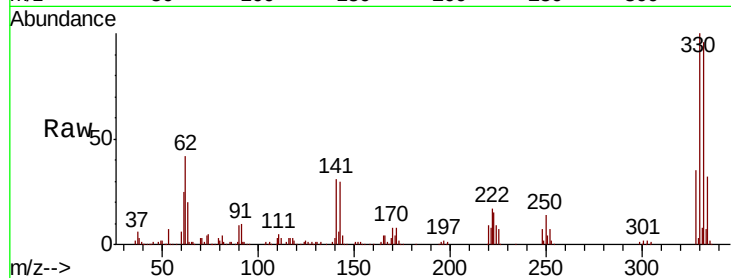
Tot Ion:330 Resp: 460303

Ion Ratio Lower Upper

330 100

332 96.3 77.1 115.7

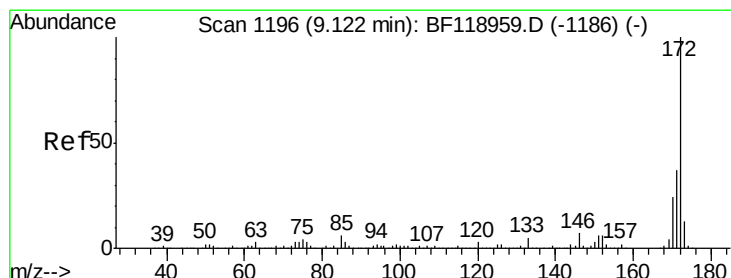
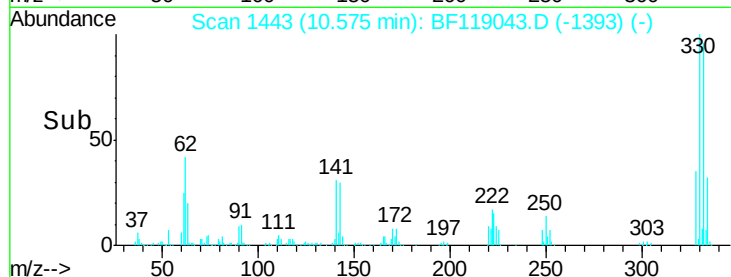
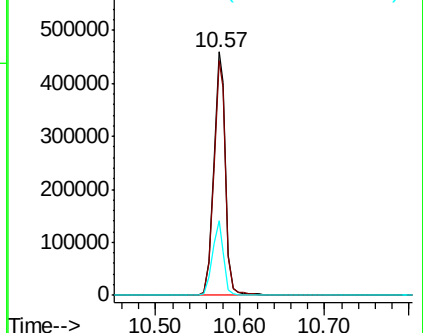
141 29.0 23.0 34.6



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 75.230 ng

RT: 9.11 min Scan# 1194

Delta R.T. -0.01 min

Lab File: BF119043.D

Acq: 25 Feb 2020 1:54

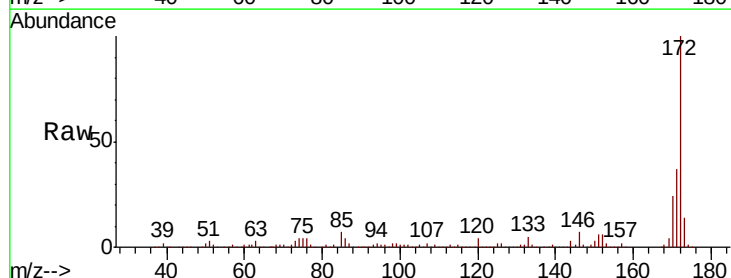
Tgt Ion:172 Resp: 1703715

Ion Ratio Lower Upper

172 100

171 36.9 29.4 44.2

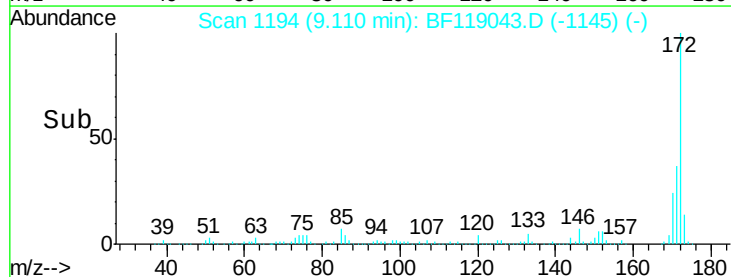
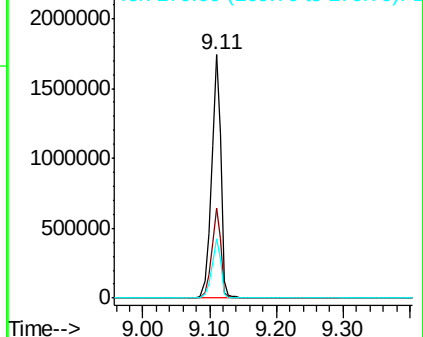
170 24.4 19.6 29.4

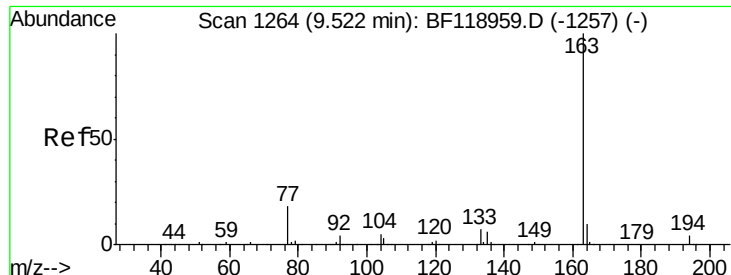


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

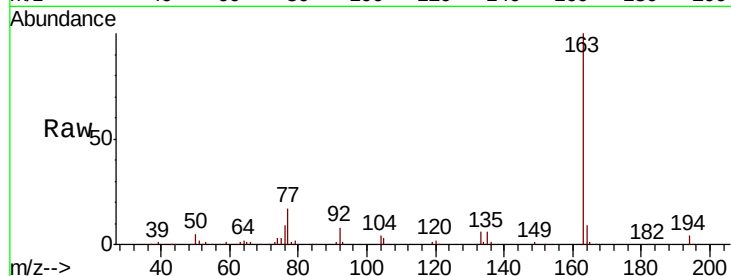




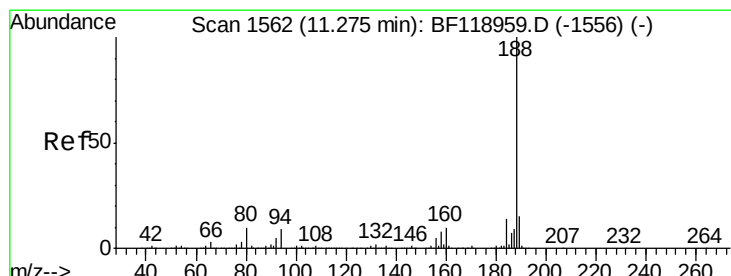
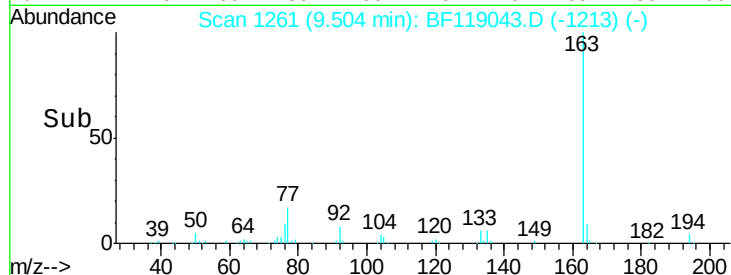
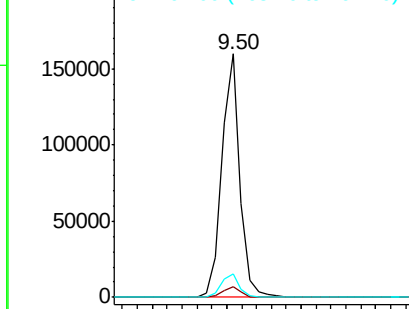
#50
Dimethylphthalate
Concen: 5.342 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.02 min
Lab File: BF119043.D
Acq: 25 Feb 2020 1:54

Instrument :
BNA_F
ClientSampleId :
LIED-TS001-01

Tot Ion:163 Resp: 136278
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 9.5 8.2 12.2

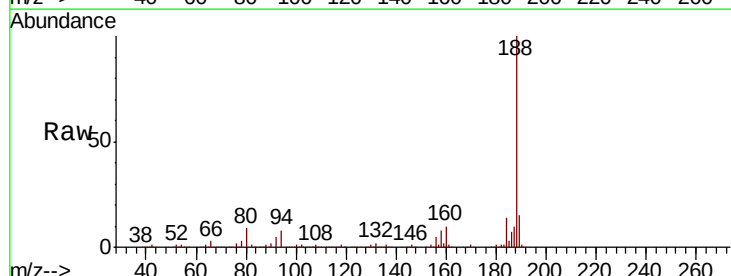


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

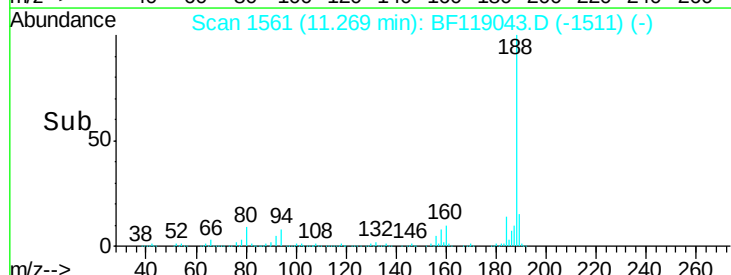
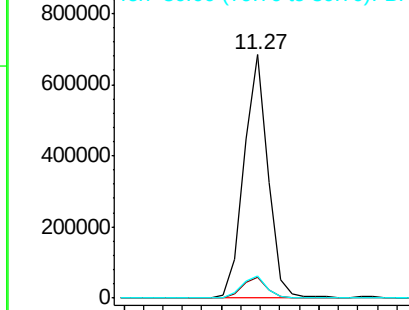


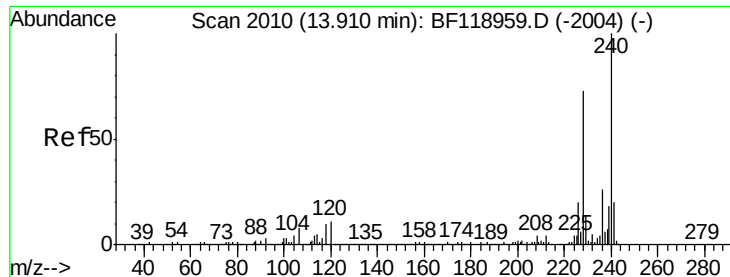
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF119043.D
Acq: 25 Feb 2020 1:54

Tgt Ion:188 Resp: 584383
Ion Ratio Lower Upper
188 100
94 8.3 7.0 10.6
80 9.0 7.9 11.9



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

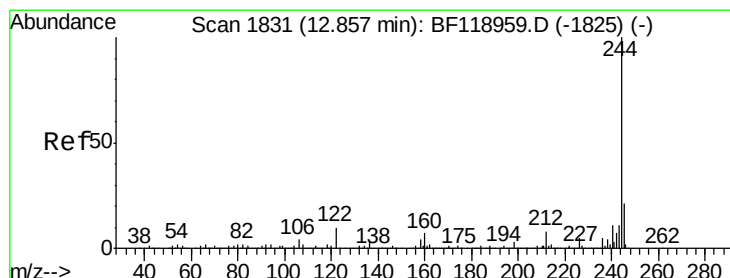
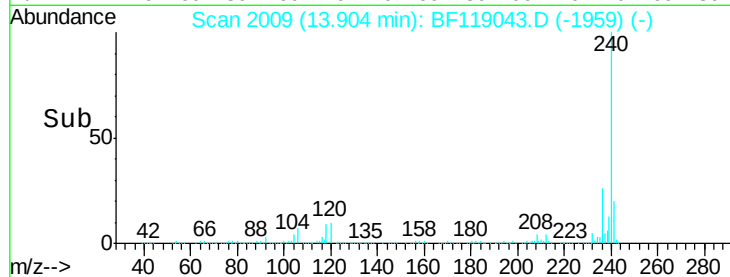
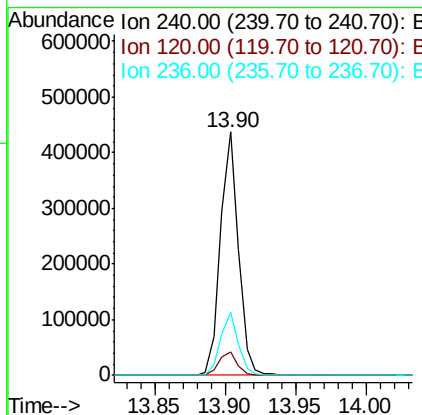
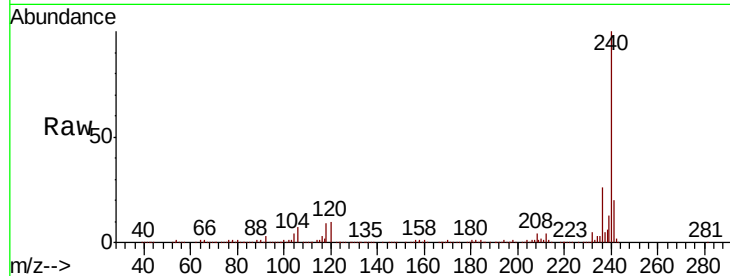




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BF119043.D
 Acq: 25 Feb 2020 1:54

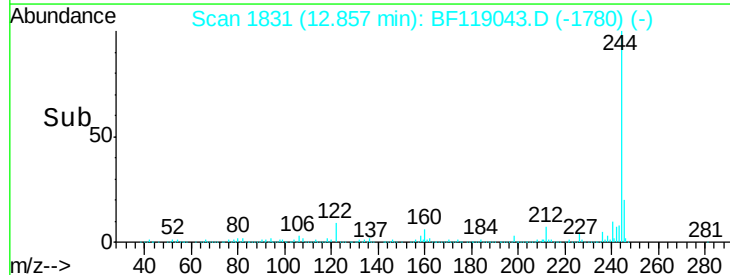
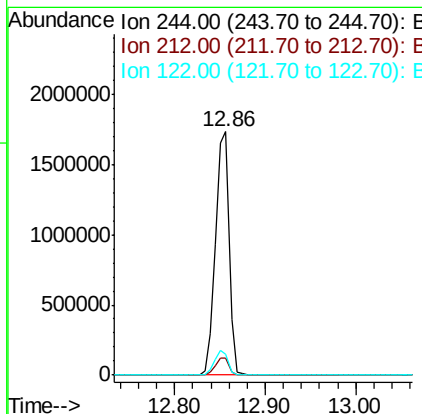
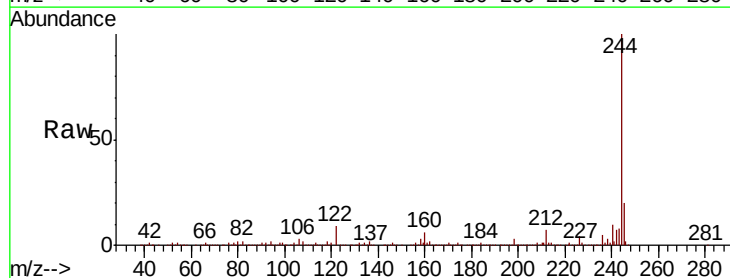
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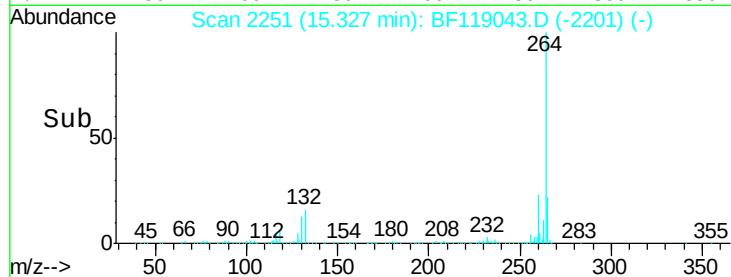
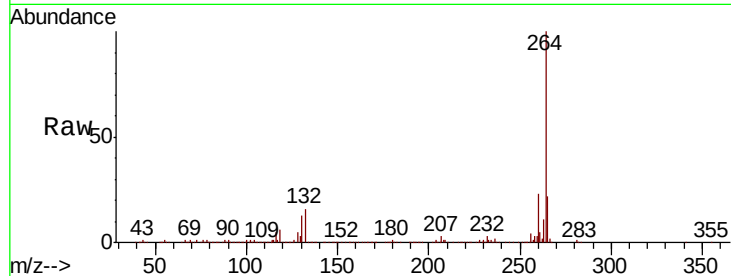
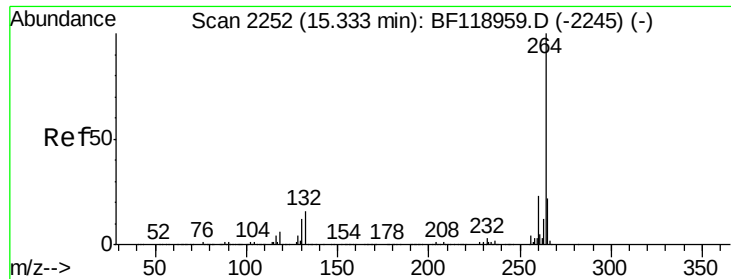
Tot Ion	Ratio	Lower	Upper
240	100		
120	9.8	8.9	13.3
236	25.8	20.6	30.8



#79
 Terphenyl-d14
 Concen: 79.770 ng
 RT: 12.86 min Scan# 1831
 Delta R.T. -0.00 min
 Lab File: BF119043.D
 Acq: 25 Feb 2020 1:54

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.3	9.5
122	8.6	8.4	12.6





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2251
Delta R.T. -0.01 min
Lab File: BF119043.D
Acq: 25 Feb 2020 1:54

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	28.0
265	21.8	17.3	25.9

