

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083119\
 Data File : BF116724.D
 Acq On : 1 Sep 2019 4:34
 Operator : HP/JU
 Sample : K4526-39
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T9-12-13-L-(0-1.9)

Quant Time: Sep 01 06:33:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

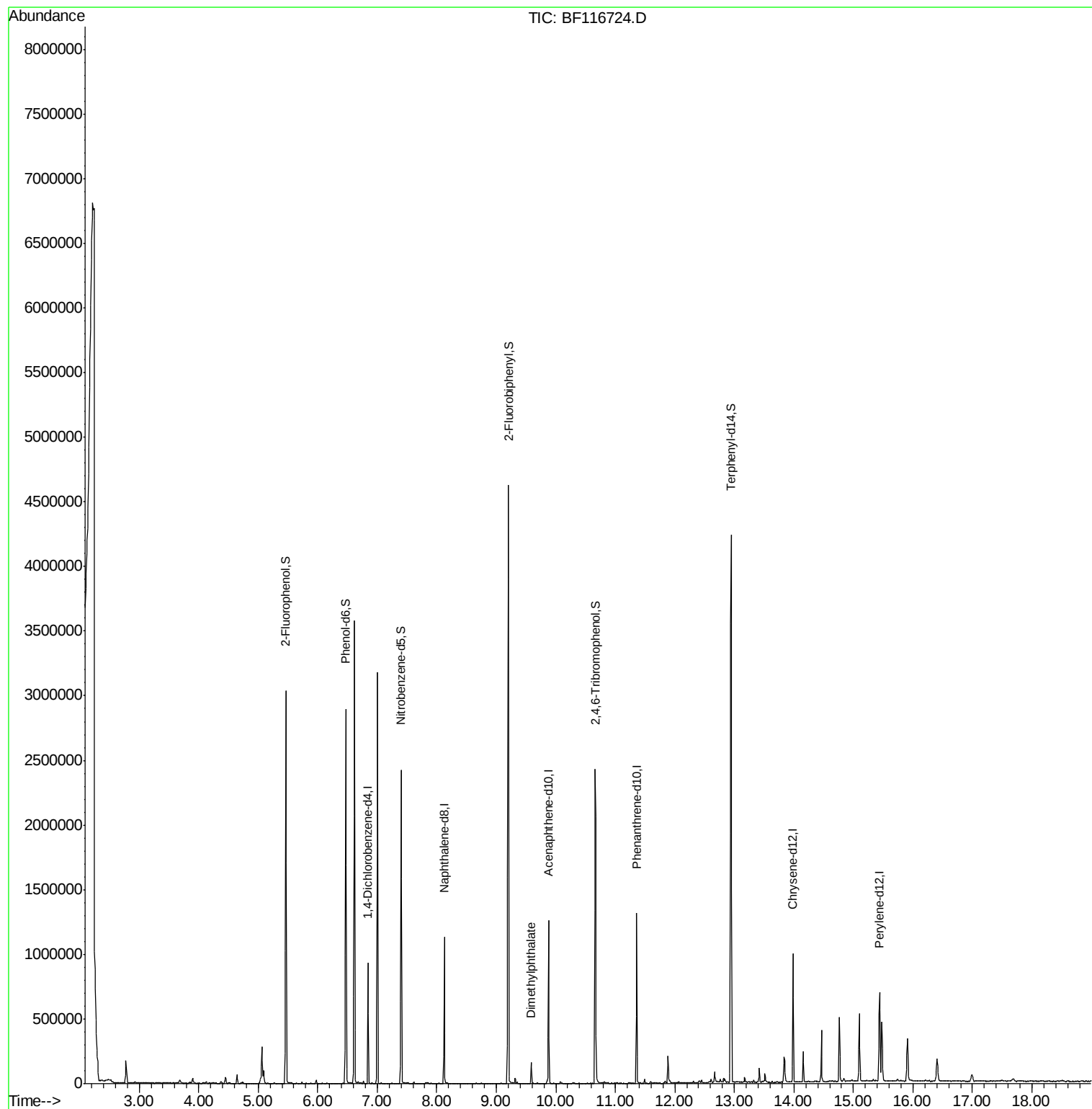
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	121211	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	480276	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	254272	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	430422	20.00	ng	-0.01
76) Chrysene-d12	13.99	240	288473	20.00	ng	-0.01
87) Perylene-d12	15.44	264	301909	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	884588	118.23	ng	0.00
7) Phenol-d6	6.47	99	1072034	109.12	ng	0.00
23) Nitrobenzene-d5	7.40	82	839808	99.82	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	267236	157.21	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1389612	92.19	ng	0.00
79) Terphenyl-d14	12.94	244	1442205	92.49	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	62966	3.587	ng	Qvalue 100

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

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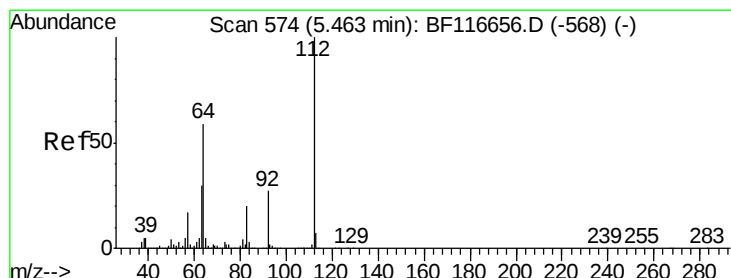
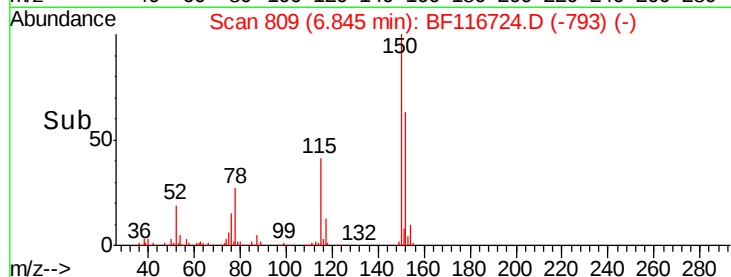
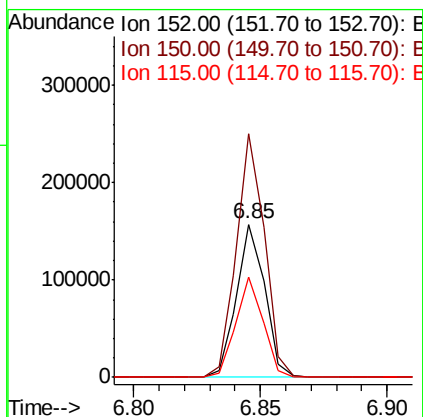
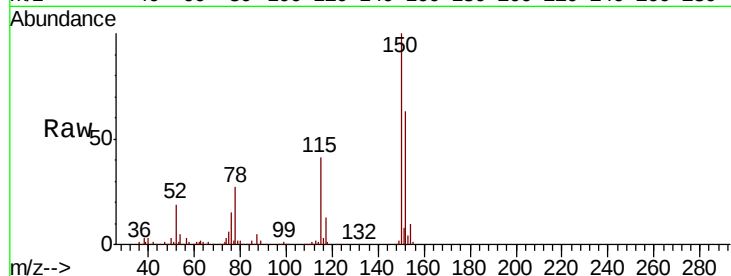


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116724.D
Acq: 1 Sep 2019 4:34

Instrument :
BNA_F
ClientSampleId :
T9-12-13-L-(0-1.9)

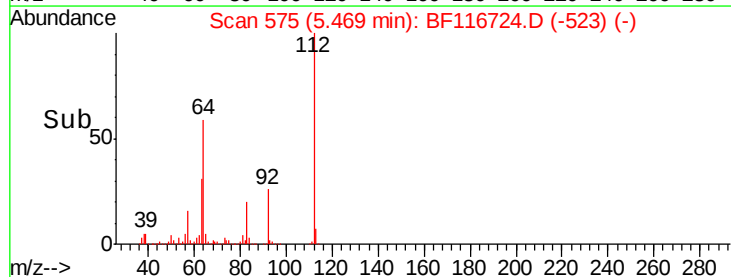
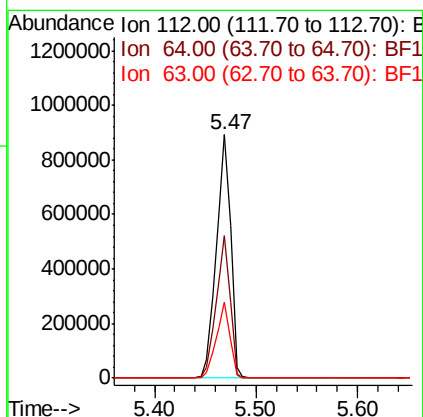
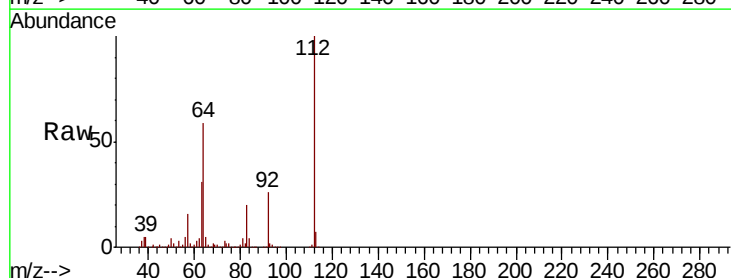
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	124.4	186.6
115	65.6	49.9	74.9



#5

2-Fluorophenol
Concen: 118.230 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF116724.D
Acq: 1 Sep 2019 4:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.6	47.1	70.7
63	31.2	24.9	37.3





#7

Phenol-d6

Concen: 109.118 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116724.D

Acq: 1 Sep 2019 4:34

Instrument :

BNA_F

ClientSampleId :

T9-12-13-L-(0-1.9)

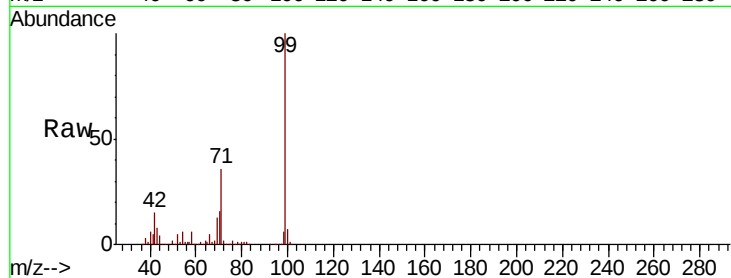
Tot Ion: 99 Resp: 1072034

Ion Ratio Lower Upper

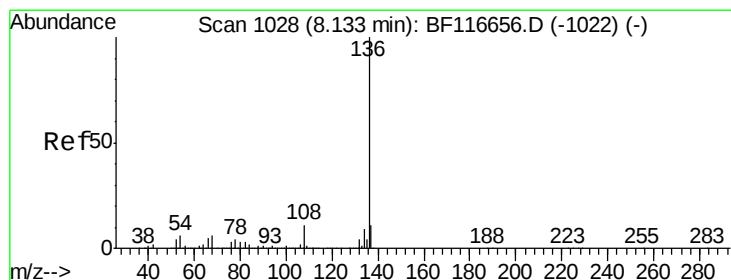
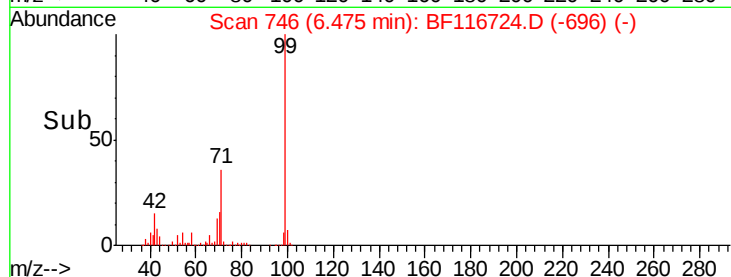
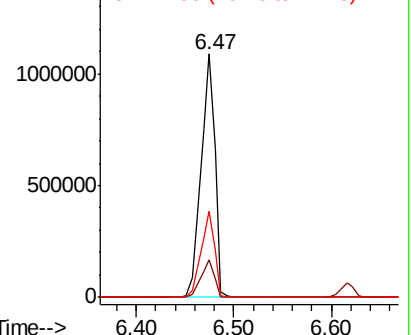
99 100

42 15.5 13.7 20.5

71 35.6 30.8 46.2



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF116724.D

Acq: 1 Sep 2019 4:34

Tgt Ion: 136 Resp: 480276

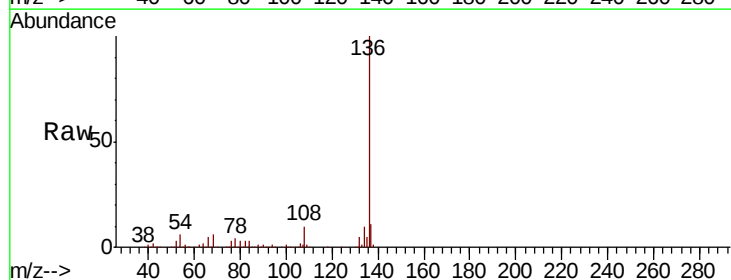
Ion Ratio Lower Upper

136 100

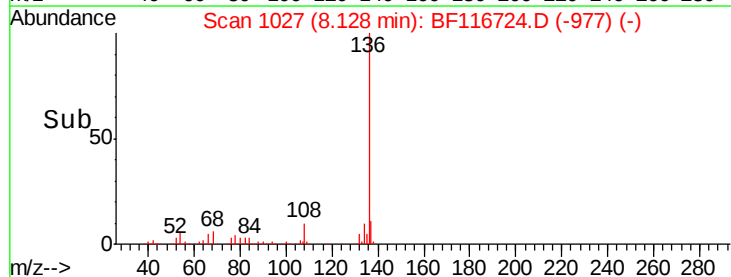
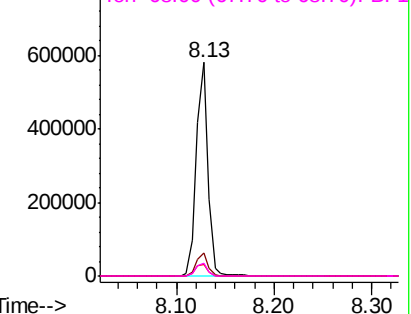
137 10.8 8.9 13.3

54 5.7 4.8 7.2

68 5.7 4.0 6.0



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

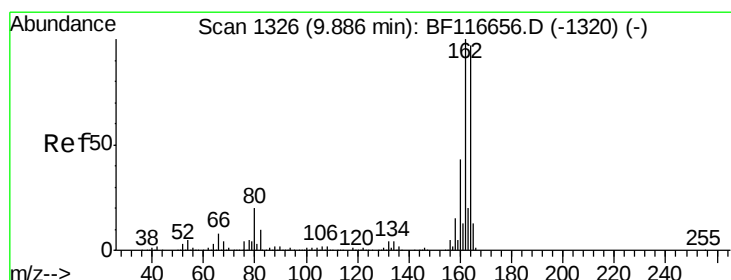
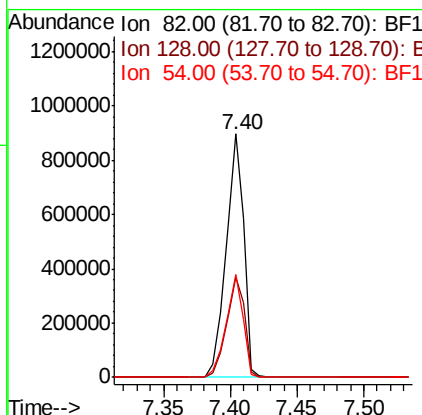
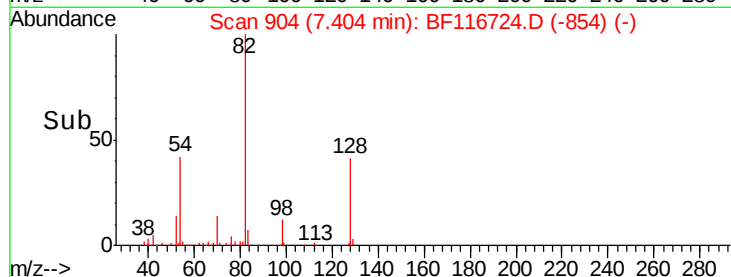
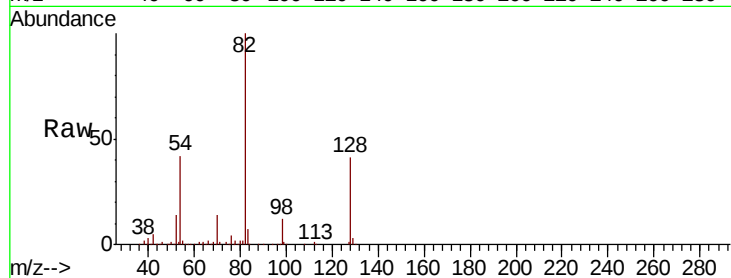




#23
Nitrobenzene-d5
Concen: 99.823 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116724.D
Acq: 1 Sep 2019 4:34

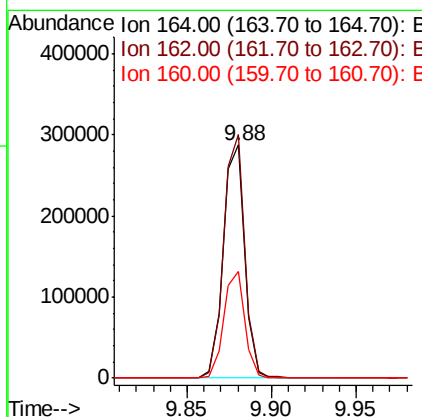
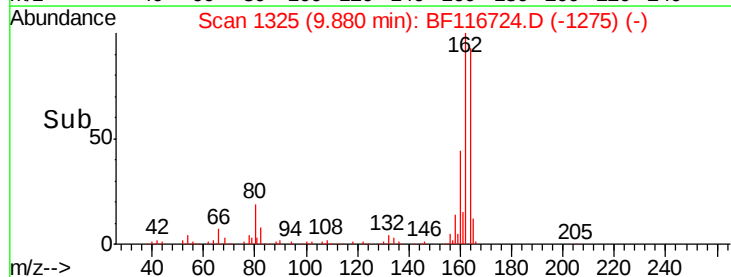
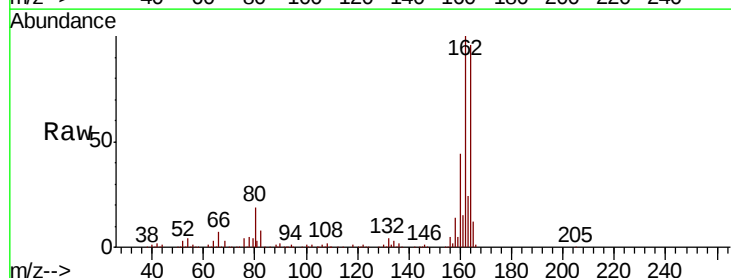
Instrument :
BNA_F
ClientSampleId :
T9-12-13-L-(0-1.9)

Tot Ion	82	Resp	839808
Ion Ratio	Lower	Upper	
82	100		
128	41.0	32.8	49.2
54	42.3	36.9	55.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116724.D
Acq: 1 Sep 2019 4:34

Tgt Ion	164	Resp	254272
Ion Ratio	Lower	Upper	
164	100		
162	104.5	81.4	122.0
160	45.6	35.4	53.2

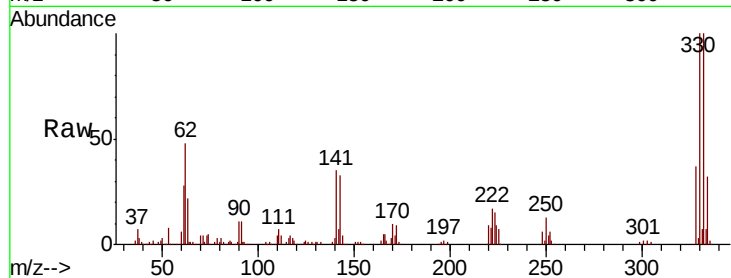




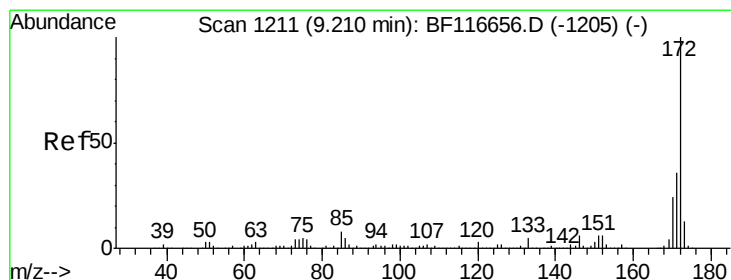
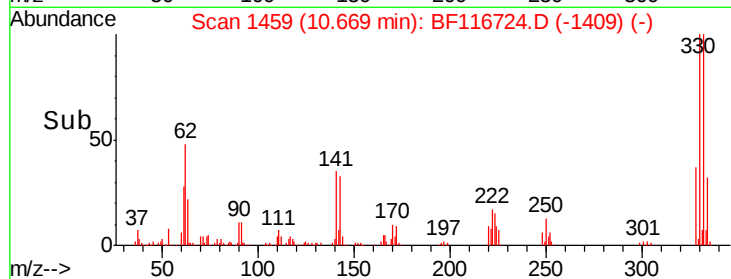
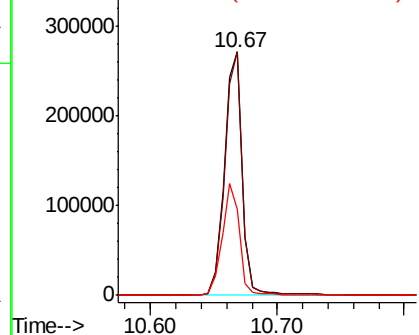
#42
 2,4,6-Tribromophenol
 Concen: 157.210 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF116724.D
 Acq: 1 Sep 2019 4:34

Instrument :
 BNA_F
 ClientSampleId :
 T9-12-13-L-(0-1.9)

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.3	76.9	115.3
141	45.2	31.4	47.2

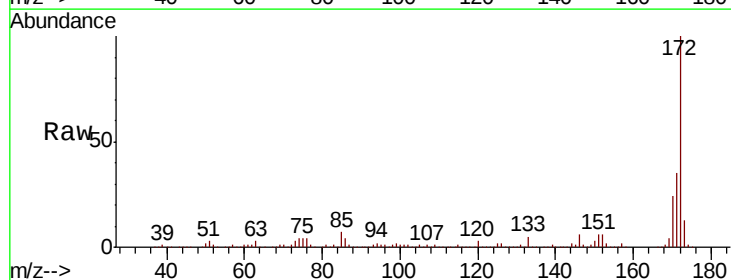


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

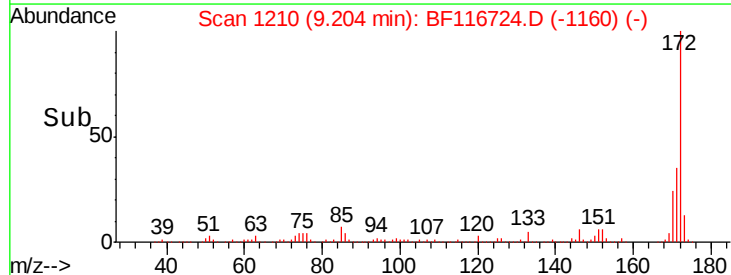
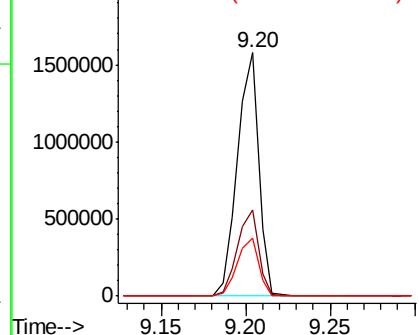


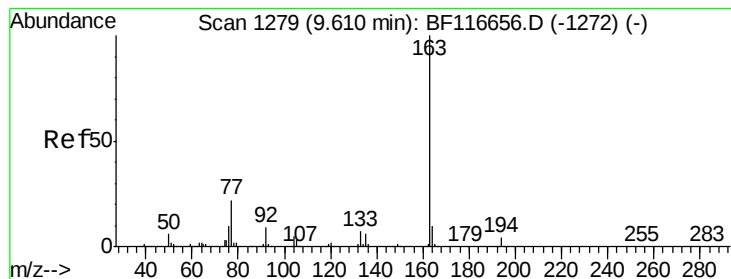
#45
 2-Fluorobiphenyl
 Concen: 92.190 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF116724.D
 Acq: 1 Sep 2019 4:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.8	41.6
170	24.0	18.9	28.3



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: 3.587 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.02 min

Lab File: BF116724.D

Acq: 1 Sep 2019 4:34

Instrument :

BNA_F

ClientSampleId :

T9-12-13-L-(0-1.9)

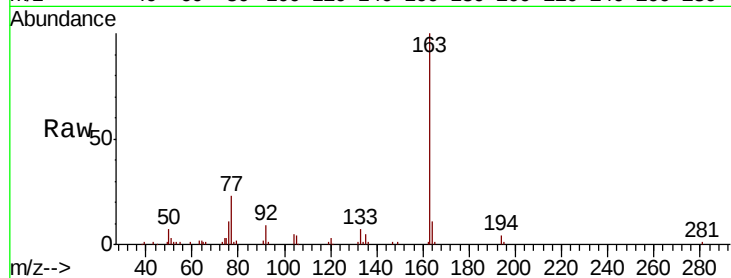
Tot Ion:163 Resp: 62966

Ion Ratio Lower Upper

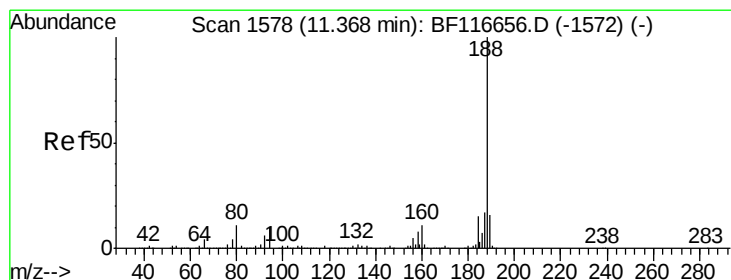
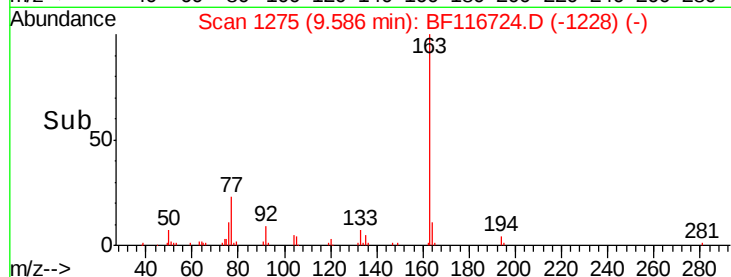
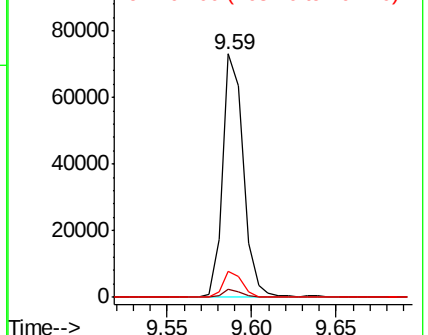
163 100

194 3.6 2.8 4.2

164 10.5 8.6 12.8



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: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF116724.D

Acq: 1 Sep 2019 4:34

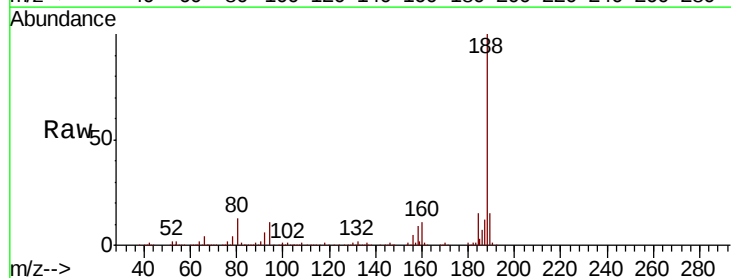
Tgt Ion:188 Resp: 430422

Ion Ratio Lower Upper

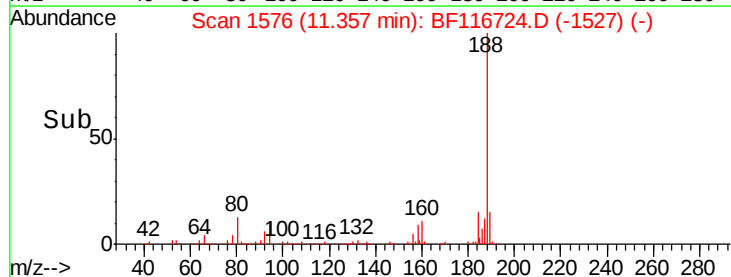
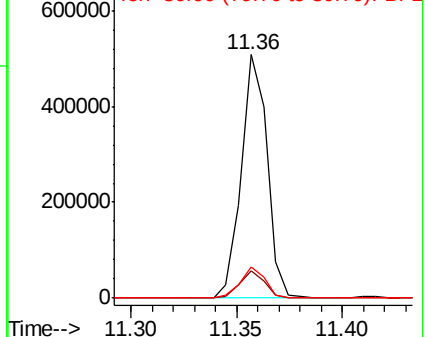
188 100

94 11.1 7.3 10.9#

80 12.9 8.4 12.6#



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

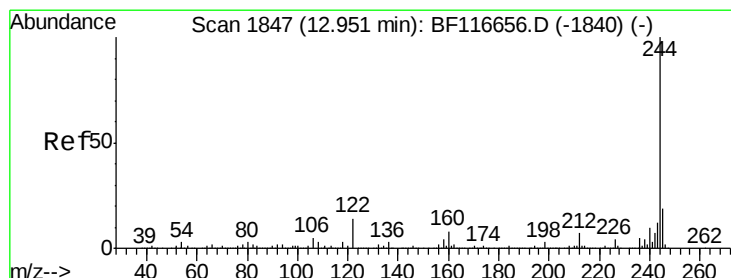
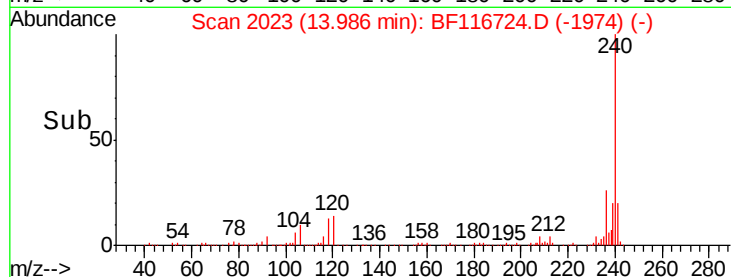
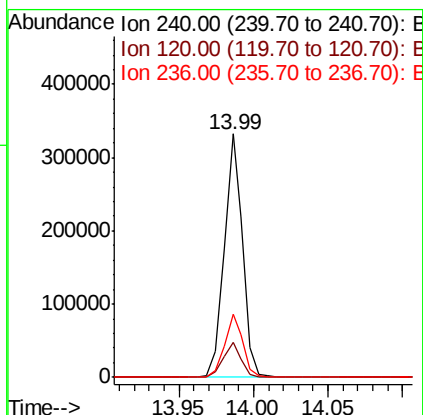
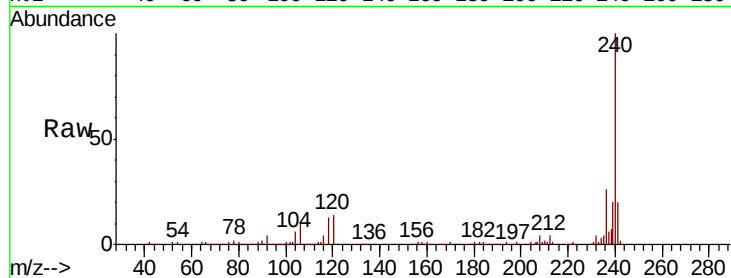




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF116724.D
Acq: 1 Sep 2019 4:34

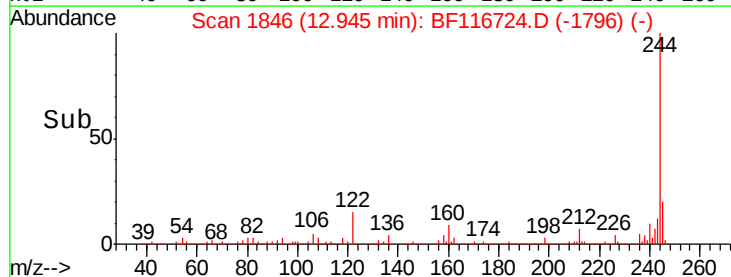
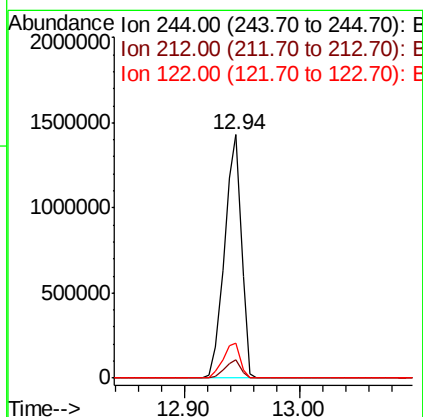
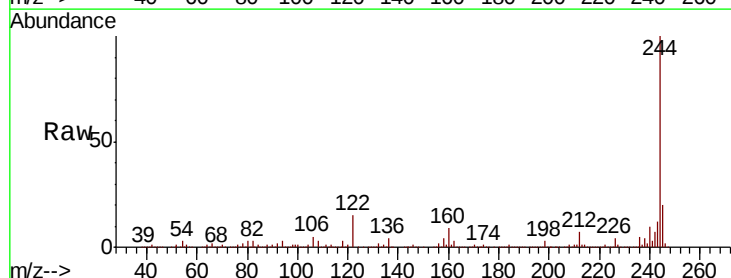
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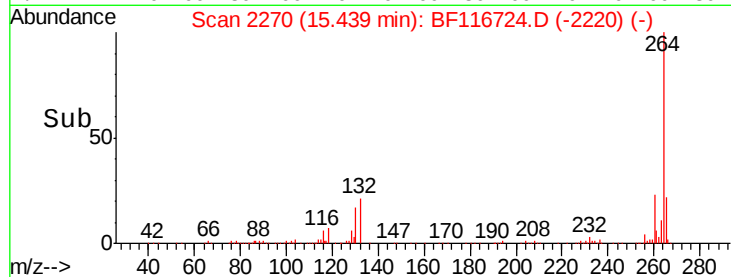
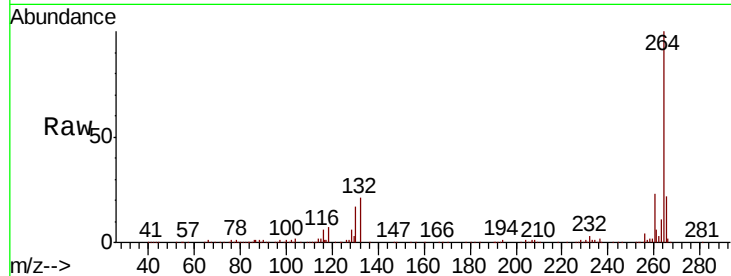
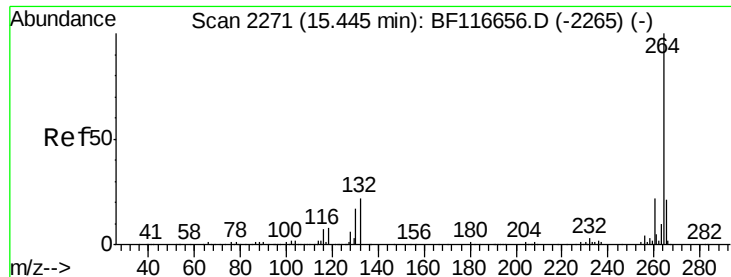
Tot Ion:240 Resp: 288473
Ion Ratio Lower Upper
240 100
120 14.4 9.1 13.7#
236 26.0 21.1 31.7



#79
Terphenyl-d14
Concen: 92.487 ng
RT: 12.94 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF116724.D
Acq: 1 Sep 2019 4:34

Tgt Ion:244 Resp: 1442205
Ion Ratio Lower Upper
244 100
212 7.3 6.1 9.1
122 14.5 10.2 15.4





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: BF116724.D
 Acq: 1 Sep 2019 4:34

Instrument :
 BNA_F
 ClientSampleId :
 T9-12-13-L-(0-1.9)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.3	27.5
265	21.5	16.5	24.7

