

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083119\
 Data File : BF116725.D
 Acq On : 1 Sep 2019 5:01
 Operator : HP/JU
 Sample : K4527-25
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T9-12-13-N1-N4-(0-1.9)

Quant Time: Sep 01 06:35:27 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

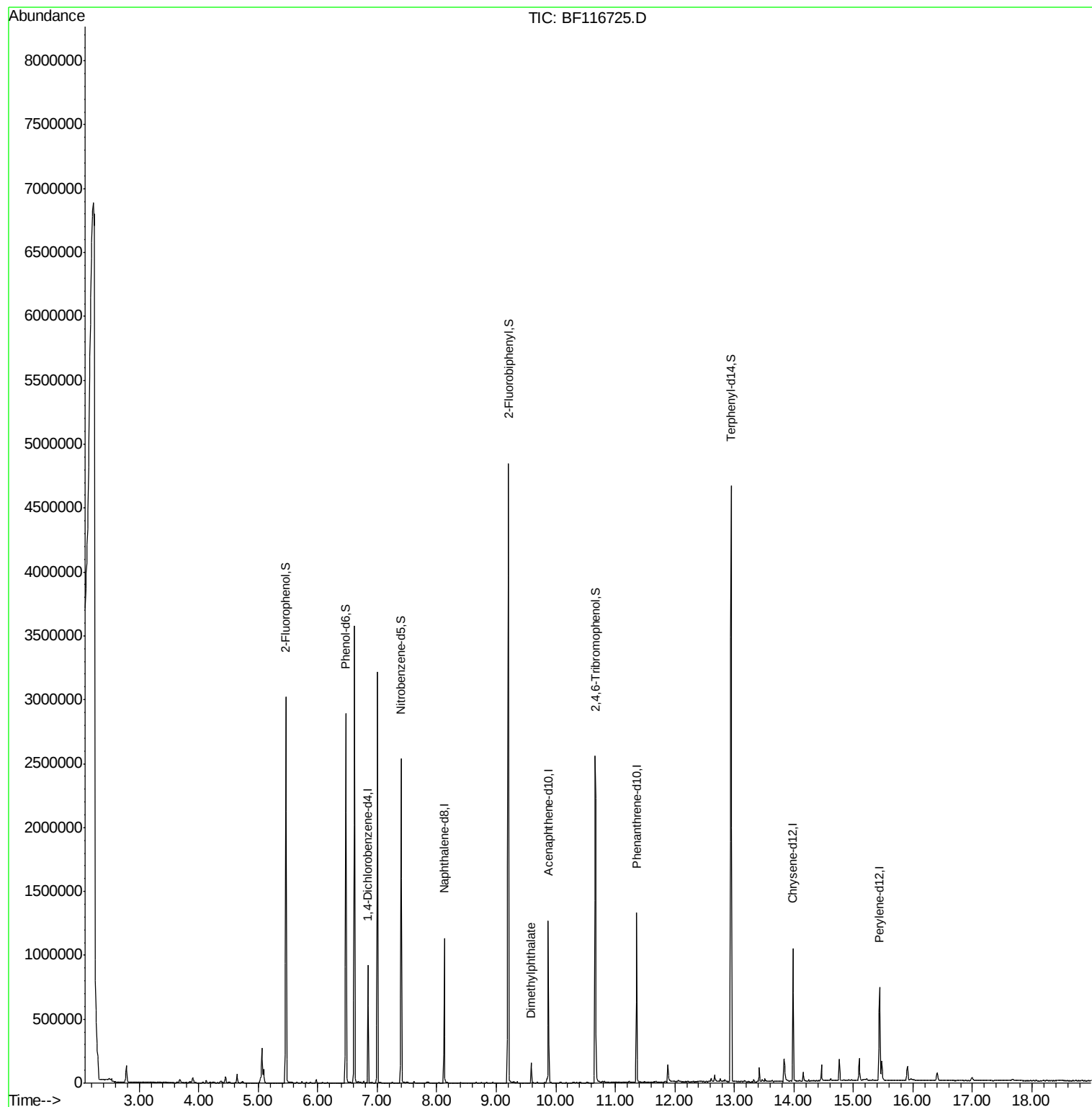
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	126060	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	493897	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	264064	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	440399	20.00	ng	-0.01
76) Chrysene-d12	13.99	240	302492	20.00	ng	-0.01
87) Perylene-d12	15.44	264	308498	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	908994	116.82	ng	0.00
7) Phenol-d6	6.47	99	1105506	108.20	ng	0.00
23) Nitrobenzene-d5	7.40	82	866365	100.14	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	288041	163.17	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1457852	93.13	ng	0.00
79) Terphenyl-d14	12.95	244	1530284	93.59	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	59875	3.284	ng	Qvalue 99

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

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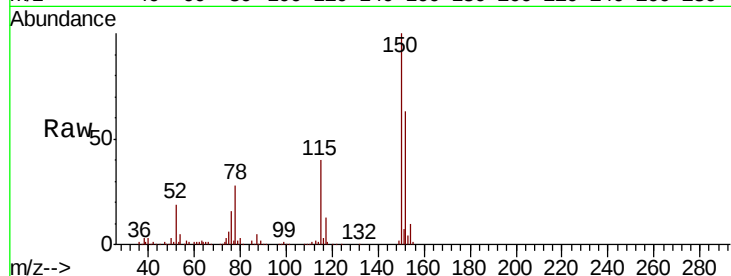


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116725.D
Acq: 1 Sep 2019 5:01

Instrument :
BNA_F
ClientSampleId :
T9-12-13-N1-N4-(0-1.9)

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.4	186.6
115	63.3	49.9	74.9

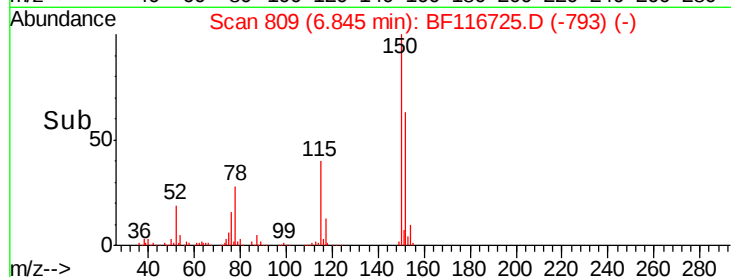
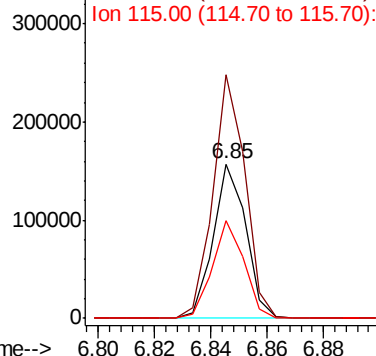


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

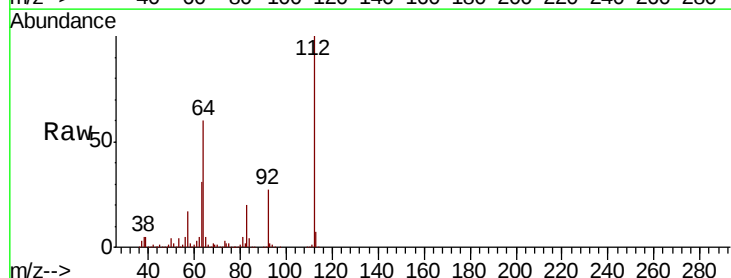
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 116.819 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF116725.D
Acq: 1 Sep 2019 5:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.6	47.1	70.7
63	30.8	24.9	37.3

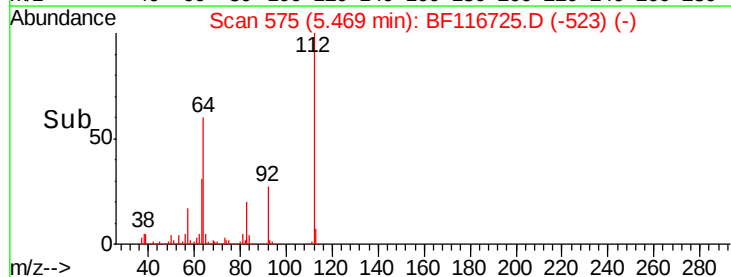
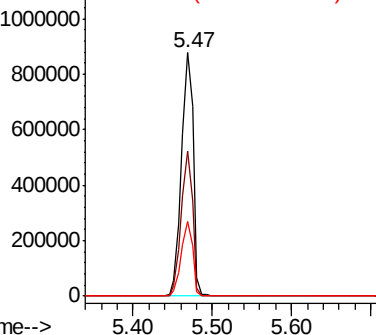


Abundance

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: 108.196 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116725.D

Acq: 1 Sep 2019 5:01

Instrument :

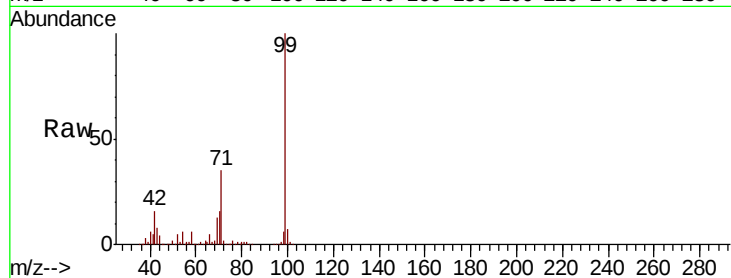
BNA_F

ClientSampleId :

T9-12-13-N1-N4-(0-1.9)

Tot Ion: 99 Resp: 1105506

Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.7	20.5
71	35.2	30.8	46.2

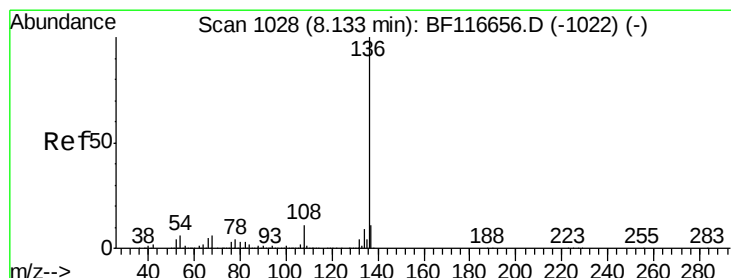
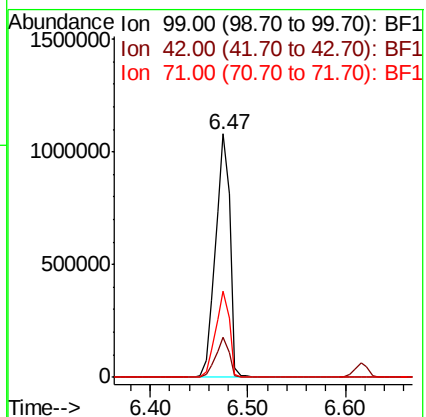
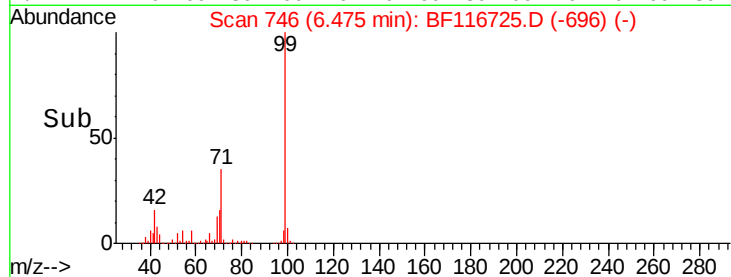


Abundance

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

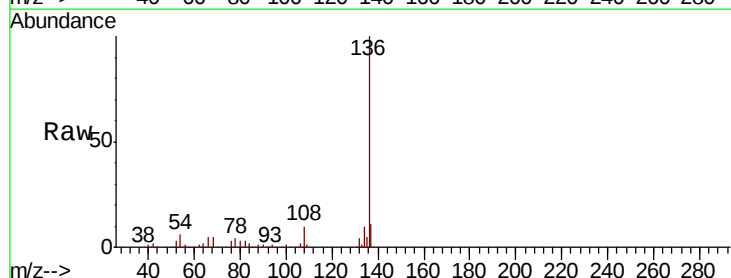
Delta R.T. -0.01 min

Lab File: BF116725.D

Acq: 1 Sep 2019 5:01

Tgt Ion: 136 Resp: 493897

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.0	4.8	7.2
68	5.4	4.0	6.0



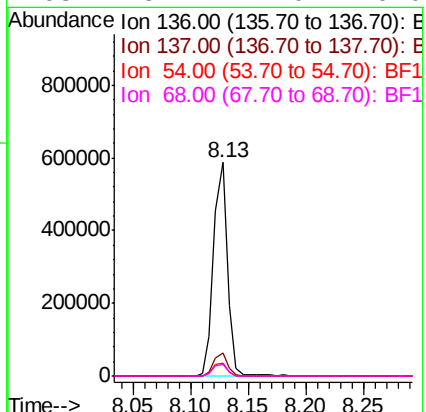
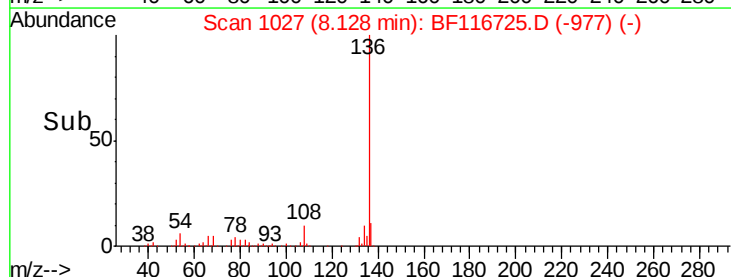
Abundance

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

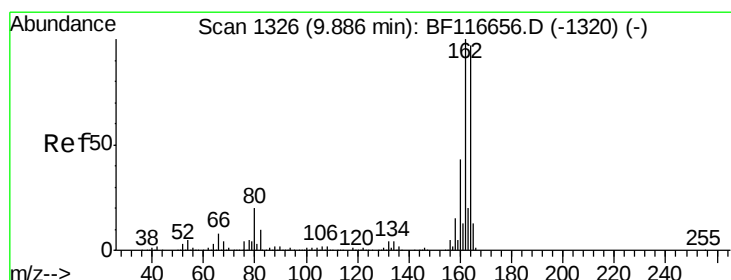
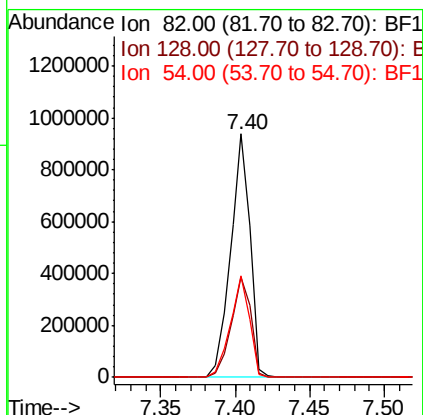
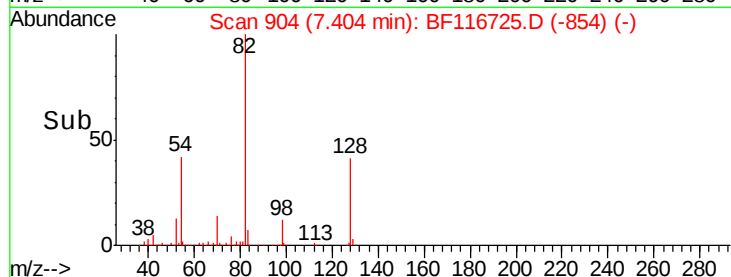
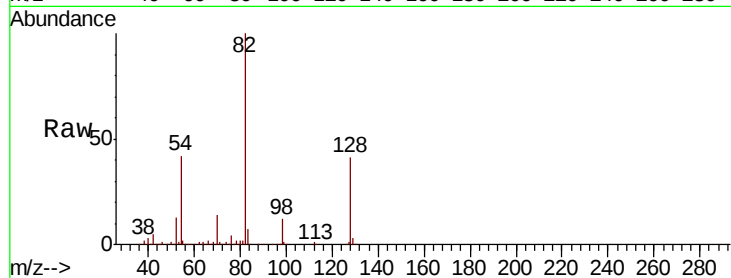




#23
Nitrobenzene-d5
Concen: 100.139 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116725.D
Acq: 1 Sep 2019 5:01

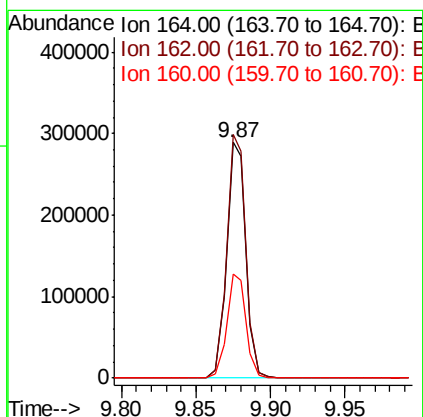
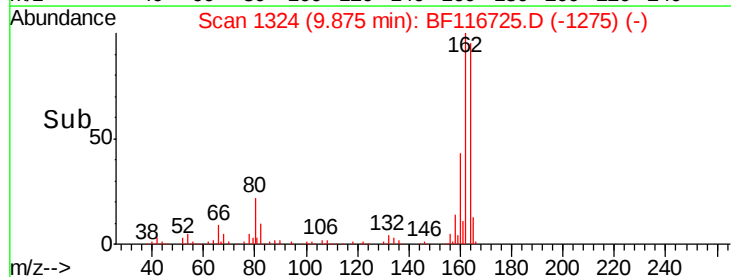
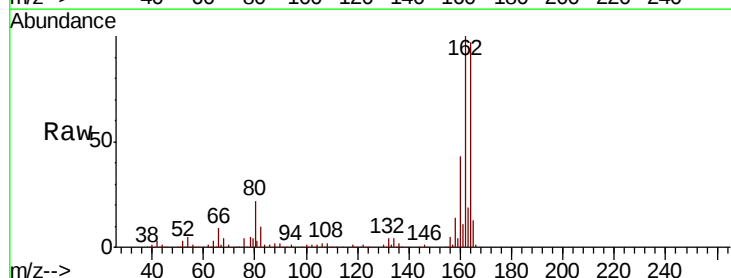
Instrument :
BNA_F
ClientSampleId :
T9-12-13-N1-N4-(0-1.9)

Tot Ion	82	Resp	866365
Ion Ratio	100	Lower	Upper
128	41.1	32.8	49.2
54	41.8	36.9	55.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF116725.D
Acq: 1 Sep 2019 5:01

Tgt Ion	164	Resp	264064
Ion Ratio	100	Lower	Upper
162	103.2	81.4	122.0
160	44.3	35.4	53.2

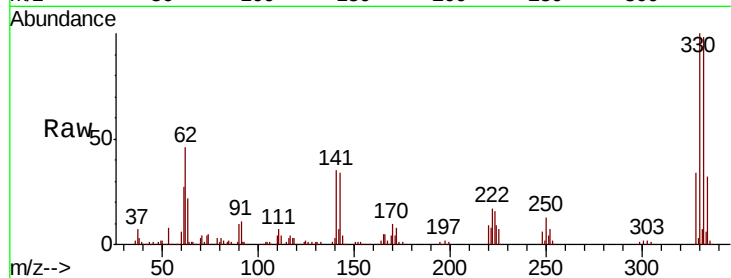




#42
 2,4,6-Tribromophenol
 Concen: 163.166 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF116725.D
 Acq: 1 Sep 2019 5:01

Instrument :
 BNA_F
 ClientSampleId :
 T9-12-13-N1-N4-(0-1.9)

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.3	76.9	115.3
141	44.1	31.4	47.2

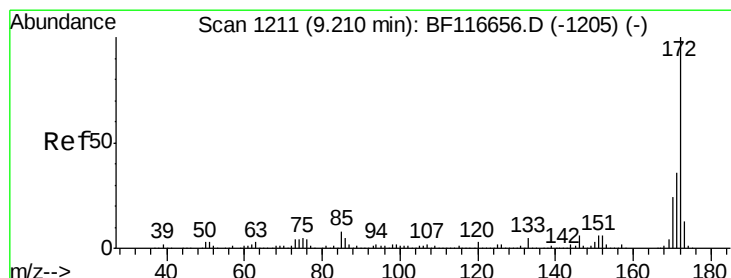
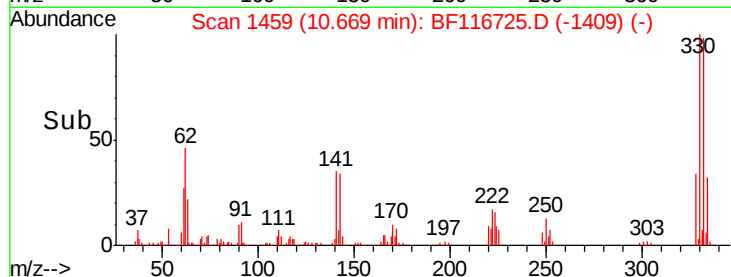
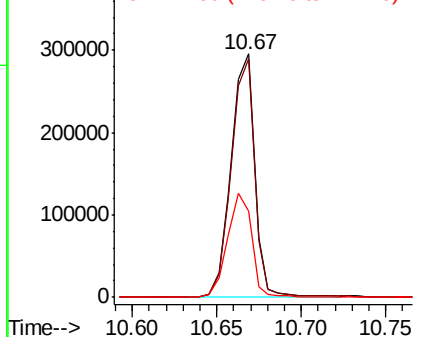


Abundance

Ion 329.80 (329.50 to 330.50): E

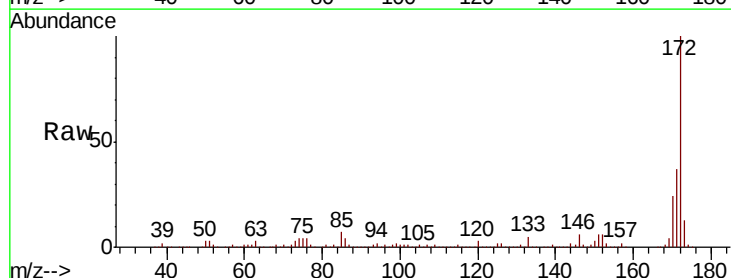
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 93.131 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BF116725.D
 Acq: 1 Sep 2019 5:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	27.8	41.6
170	24.2	18.9	28.3

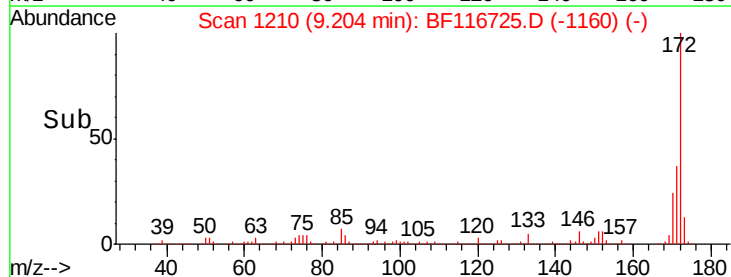
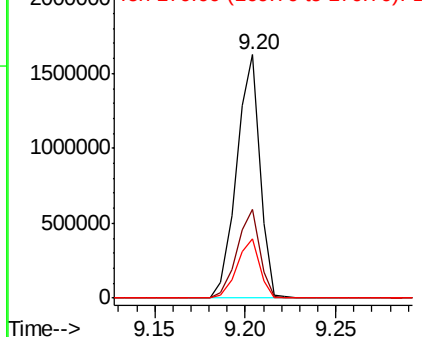


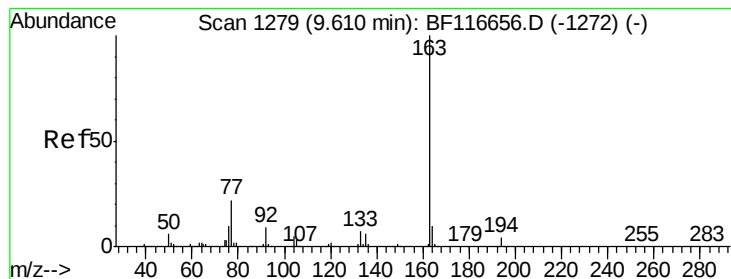
Abundance

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: 3.284 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.02 min

Lab File: BF116725.D

Acq: 1 Sep 2019 5:01

Instrument :

BNA_F

ClientSampleId :

T9-12-13-N1-N4-(0-1.9)

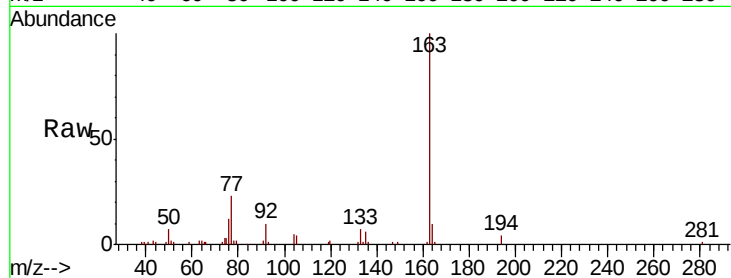
Tot Ion:163 Resp: 59875

Ion Ratio Lower Upper

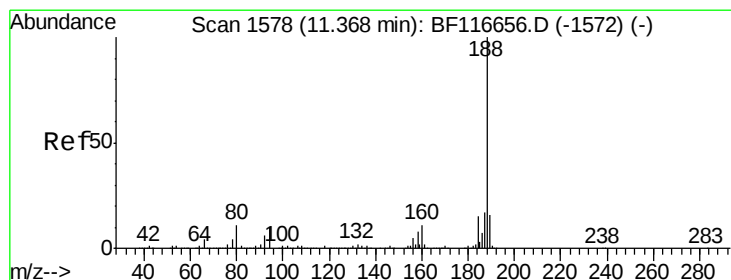
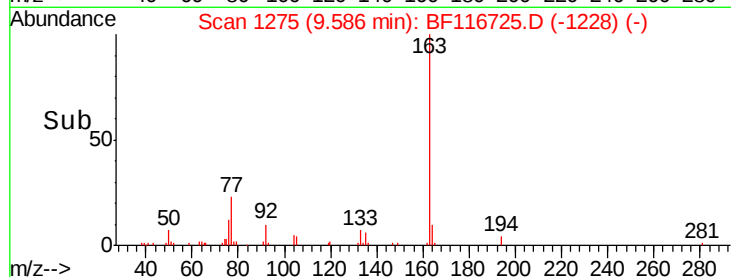
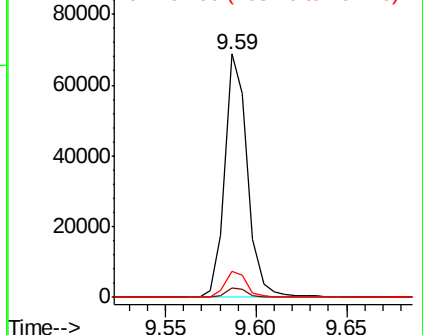
163 100

194 3.9 2.8 4.2

164 10.4 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: BF116725.D

Acq: 1 Sep 2019 5:01

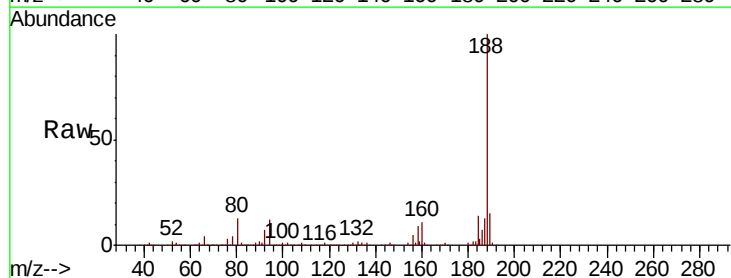
Tgt Ion:188 Resp: 440399

Ion Ratio Lower Upper

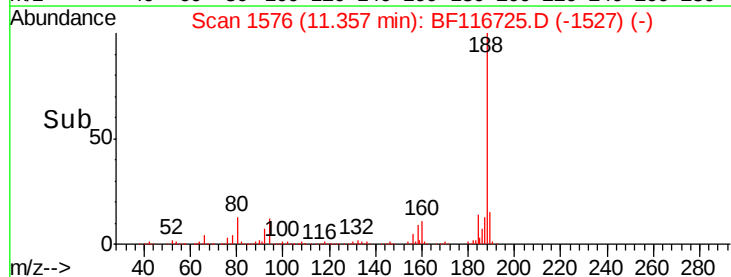
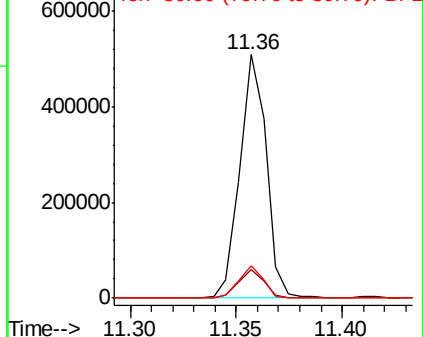
188 100

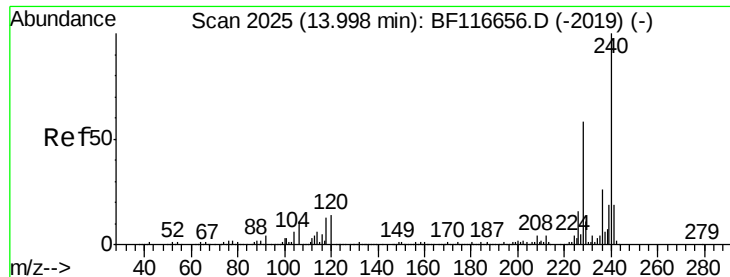
94 11.6 7.3 10.9#

80 13.4 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

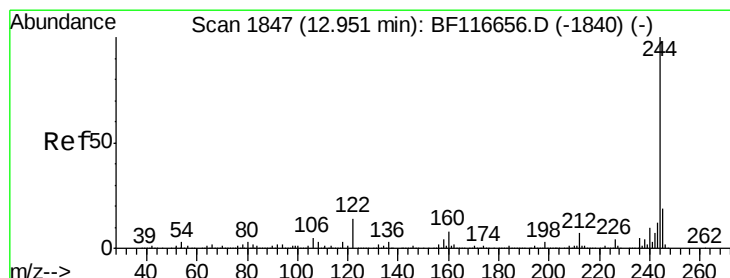
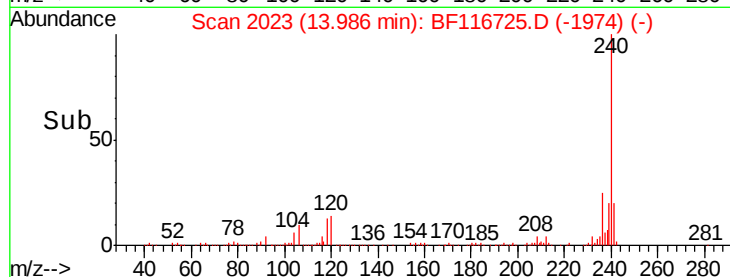
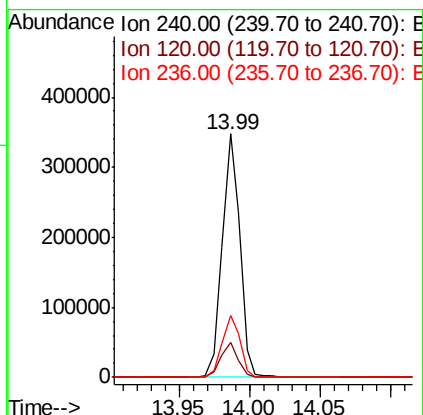
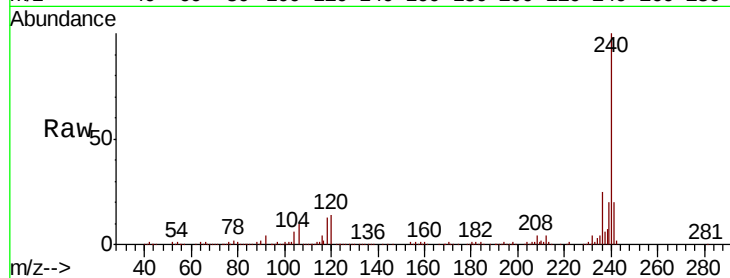




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF116725.D
 Acq: 1 Sep 2019 5:01

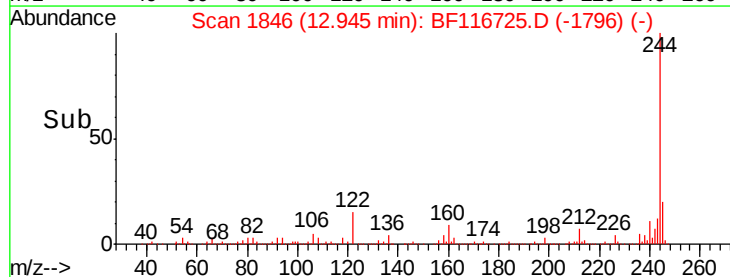
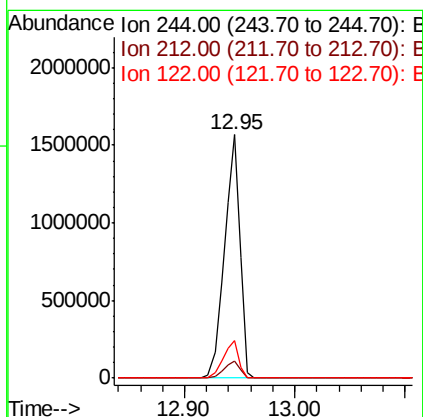
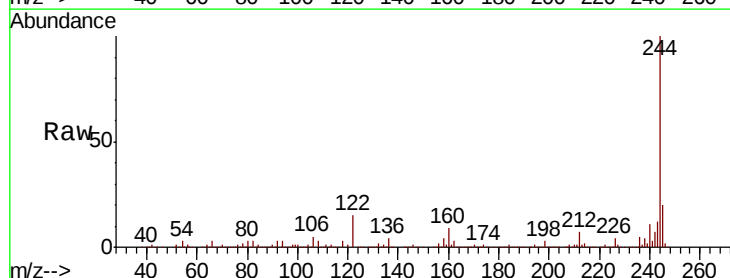
Instrument :
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 T9-12-13-N1-N4-(0-1.9)

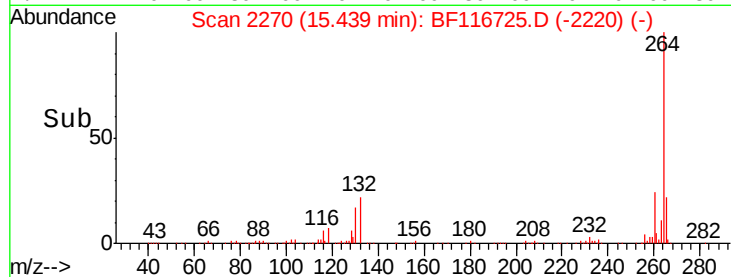
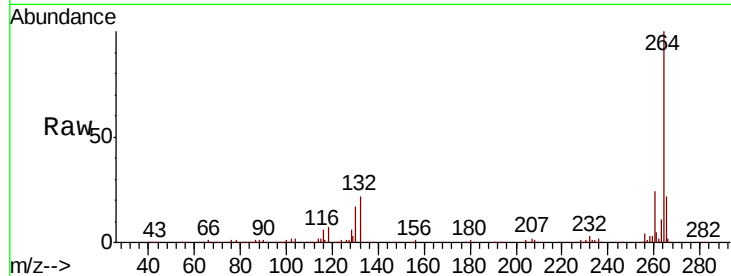
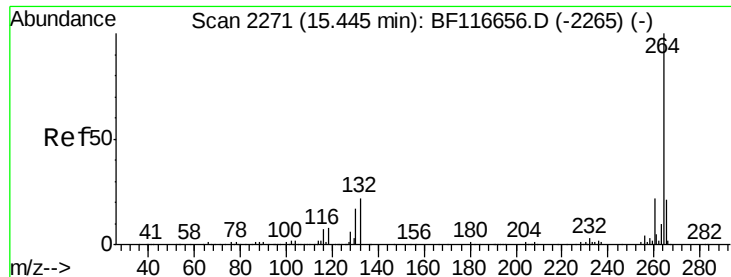
Tot Ion:240 Resp: 302492
 Ion Ratio Lower Upper
 240 100
 120 14.4 9.1 13.7#
 236 25.3 21.1 31.7



#79
 Terphenyl-d14
 Concen: 93.587 ng
 RT: 12.95 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF116725.D
 Acq: 1 Sep 2019 5:01

Tgt Ion:244 Resp: 1530284
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 15.2 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: BF116725.D
Acq: 1 Sep 2019 5:01

Instrument :
BNA_F
ClientSampleId :
T9-12-13-N1-N4-(0-1.9)

Tot Ion:	264	Resp:	308498
Ion Ratio	Lower	Upper	
264	100		
260	23.6	18.3	27.5
265	21.7	16.5	24.7

