

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083119\
 Data File : BF116728.D
 Acq On : 1 Sep 2019 6:22
 Operator : HP/JU
 Sample : K4517-30
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T4-S-D1-D4

Quant Time: Sep 02 06:02:04 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	128654	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	497309	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	255678	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	407594	20.00	ng	-0.01
76) Chrysene-d12	13.99	240	254286	20.00	ng	-0.01
87) Perylene-d12	15.44	264	295594	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	955668	120.34	ng	0.01
7) Phenol-d6	6.47	99	1199480	115.03	ng	0.00
23) Nitrobenzene-d5	7.40	82	893492	102.57	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	272012	159.14	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1448468	95.57	ng	0.00
79) Terphenyl-d14	12.94	244	1358812	98.85	ng	0.00

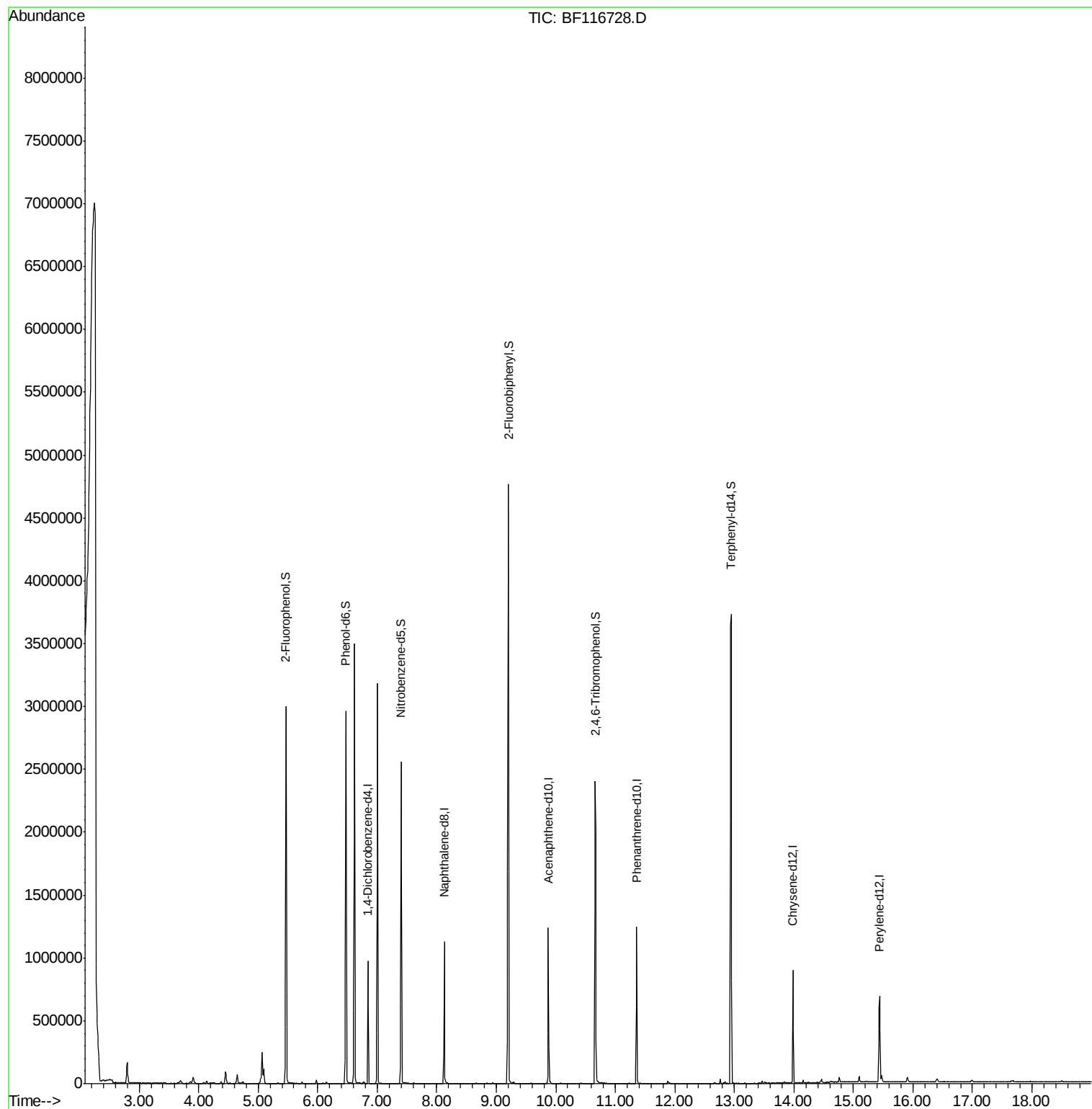
Target Compounds Qvalue

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

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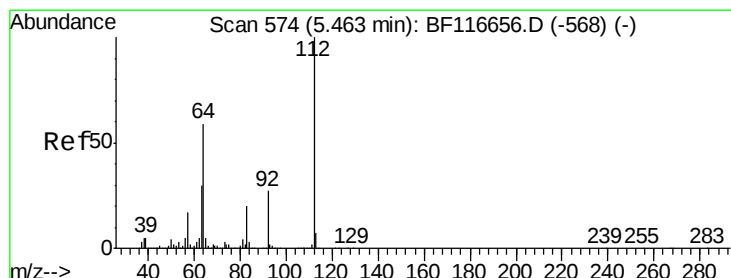
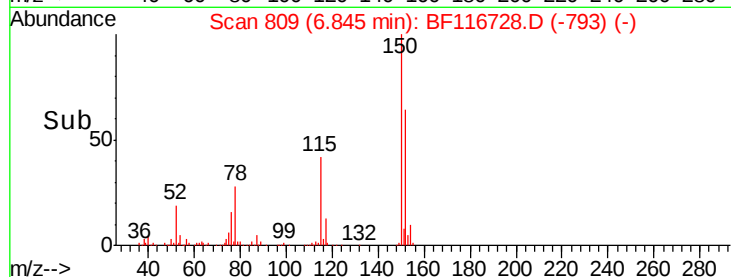
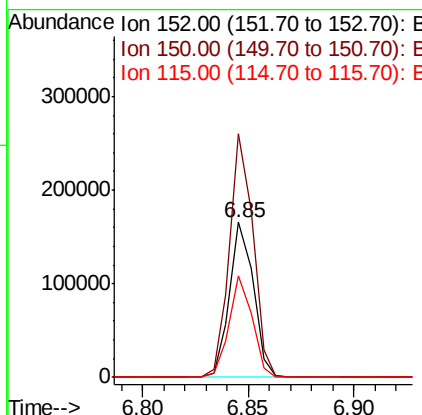
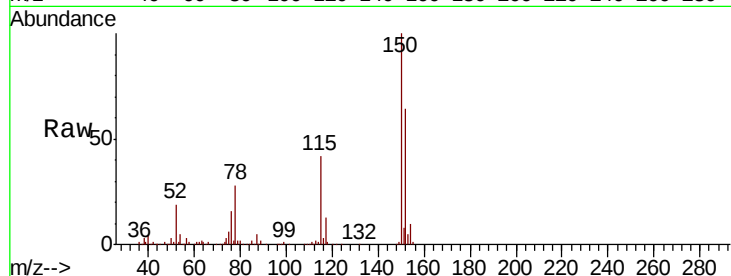


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116728.D
Acq: 1 Sep 2019 6:22

Instrument :
BNA_F
ClientSampleId :
T4-S-D1-D4

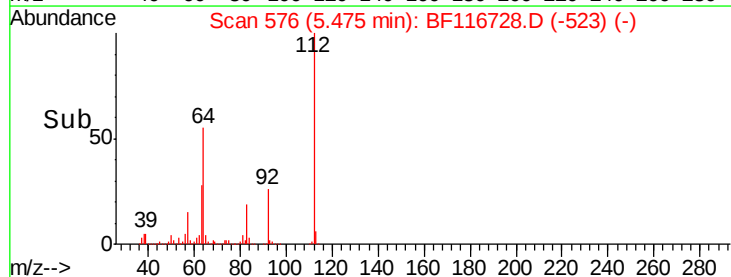
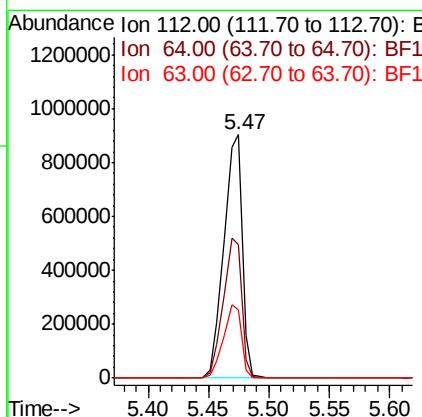
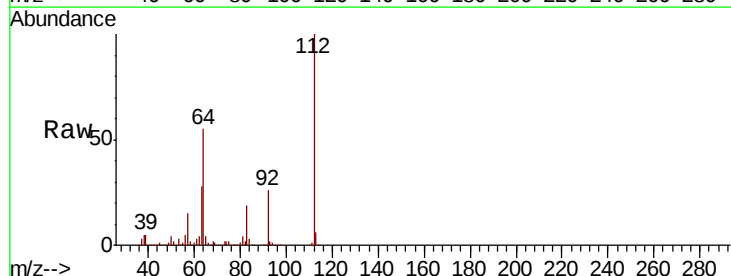
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.4	186.6
115	65.5	49.9	74.9



#5

2-Fluorophenol
Concen: 120.341 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF116728.D
Acq: 1 Sep 2019 6:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.9	47.1	70.7
63	28.2	24.9	37.3





#7

Phenol-d6

Concen: 115.027 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116728.D

Acq: 1 Sep 2019 6:22

Instrument :

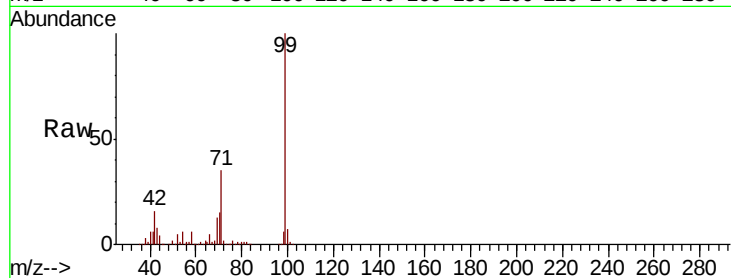
BNA_F

ClientSampleId :

T4-S-D1-D4

Tot Ion: 99 Resp: 1199480

Ion	Ratio	Lower	Upper
99	100		
42	15.8	13.7	20.5
71	35.1	30.8	46.2

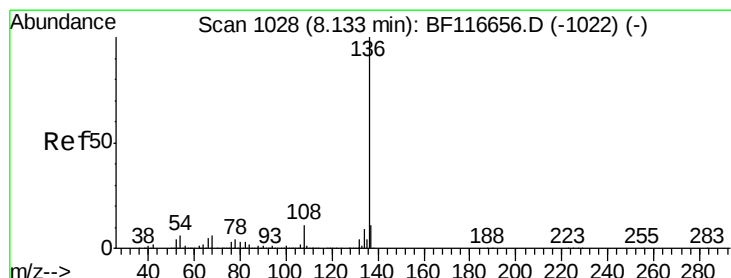
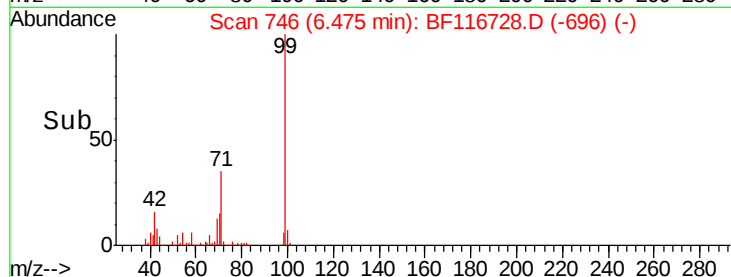


Abundance

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

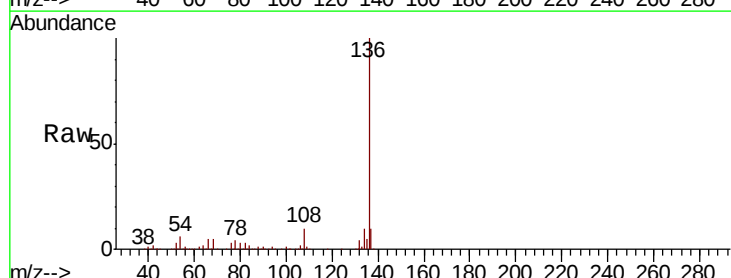
Delta R.T. -0.01 min

Lab File: BF116728.D

Acq: 1 Sep 2019 6:22

Tgt Ion: 136 Resp: 497309

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	5.5	4.8	7.2
68	5.3	4.0	6.0



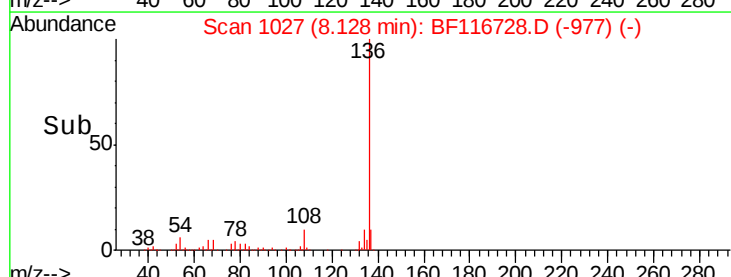
Abundance

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

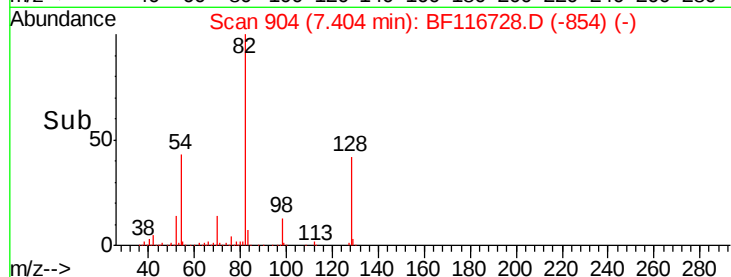
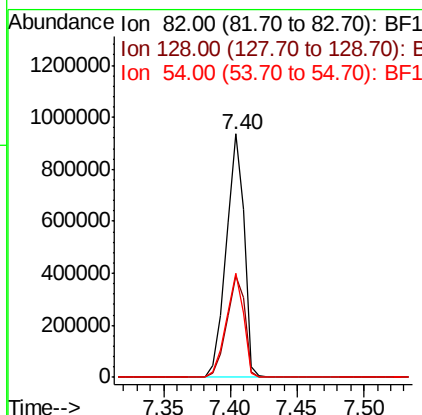
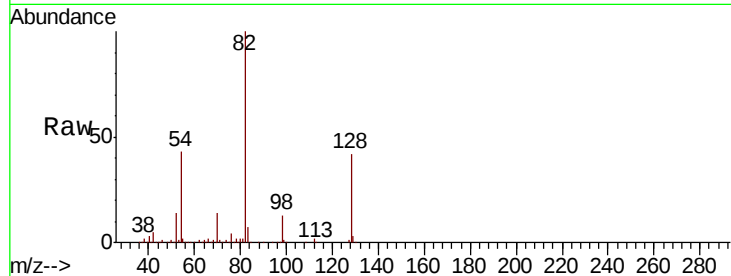




#23
 Nitrobenzene-d5
 Concen: 102.566 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF116728.D
 Acq: 1 Sep 2019 6:22

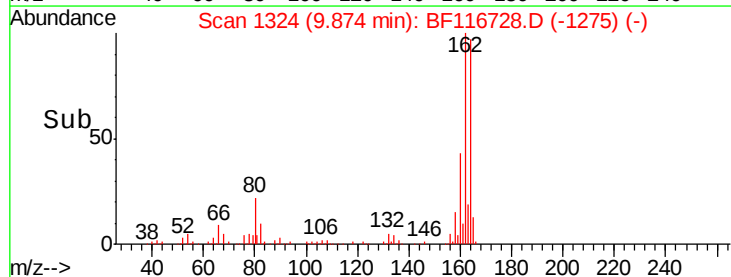
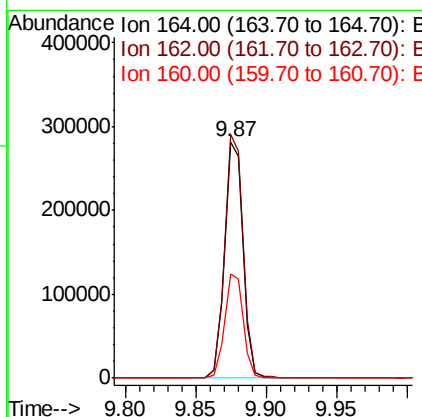
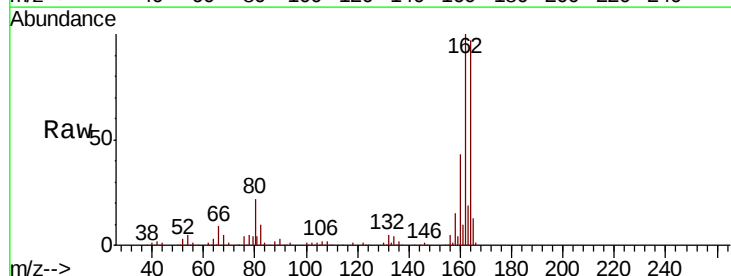
Instrument :
 BNA_F
 ClientSampleId :
 T4-S-D1-D4

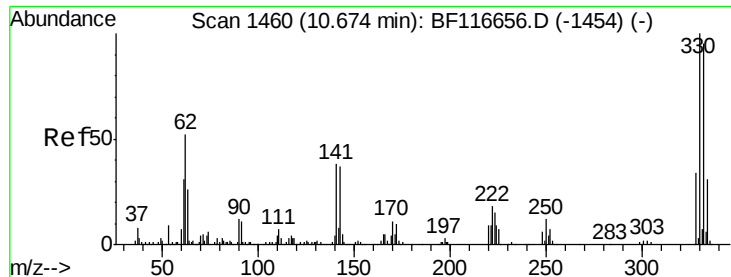
Tot Ion	82	Resp	893492
Ion Ratio	Lower	Upper	
82	100		
128	42.0	32.8	49.2
54	42.7	36.9	55.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF116728.D
 Acq: 1 Sep 2019 6:22

Tgt Ion	164	Resp	255678
Ion Ratio	Lower	Upper	
164	100		
162	102.9	81.4	122.0
160	44.2	35.4	53.2





#42

2,4,6-Tribromophenol

Concen: 159.140 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF116728.D

Acq: 1 Sep 2019 6:22

Instrument :

BNA_F

ClientSampleId :

T4-S-D1-D4

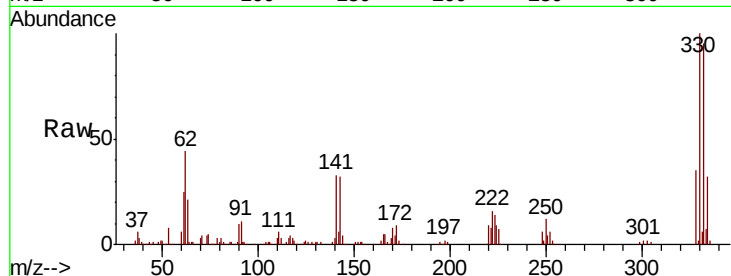
Tot Ion:330 Resp: 272012

Ion Ratio Lower Upper

330 100

332 96.0 76.9 115.3

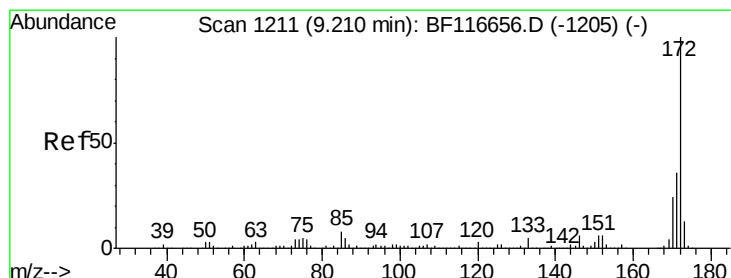
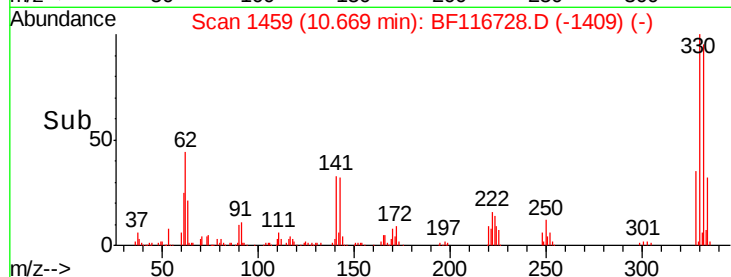
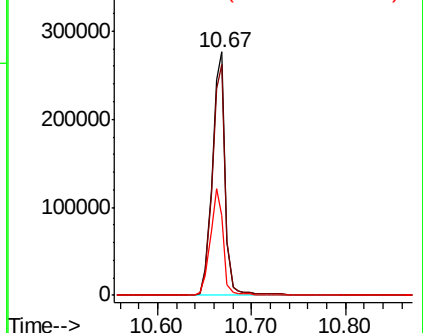
141 43.6 31.4 47.2



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: 95.566 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BF116728.D

Acq: 1 Sep 2019 6:22

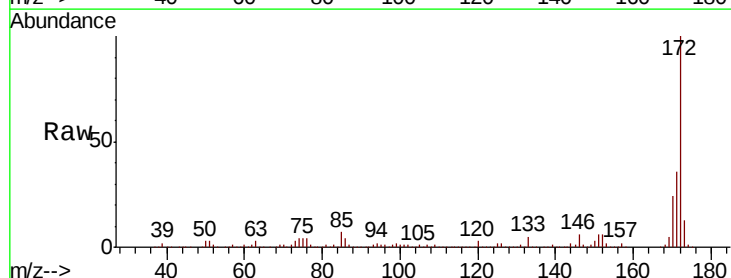
Tgt Ion:172 Resp: 1448468

Ion Ratio Lower Upper

172 100

171 36.1 27.8 41.6

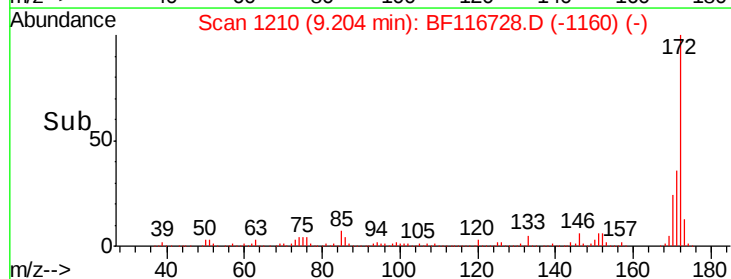
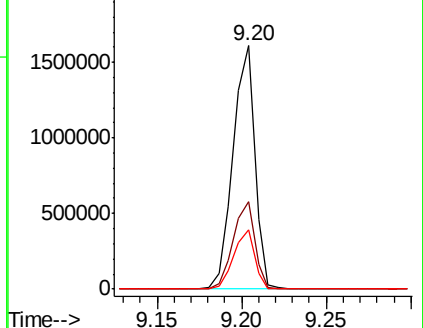
170 24.2 18.9 28.3

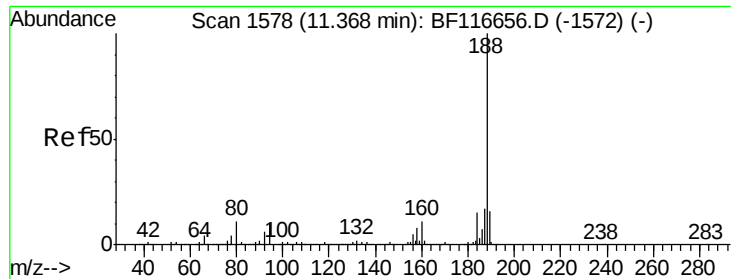


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

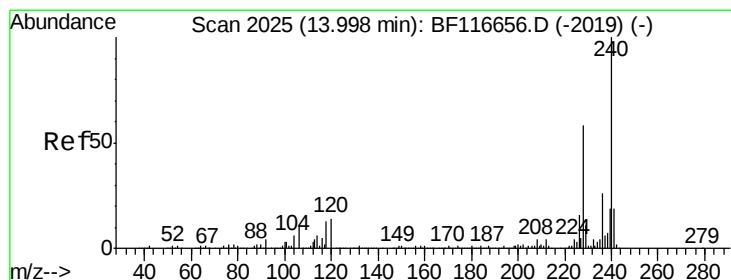
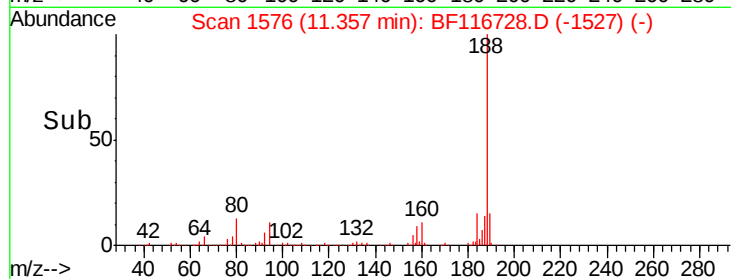
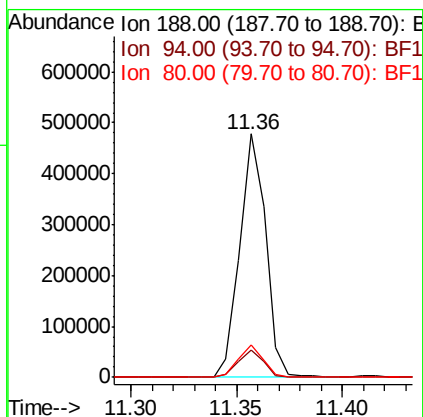
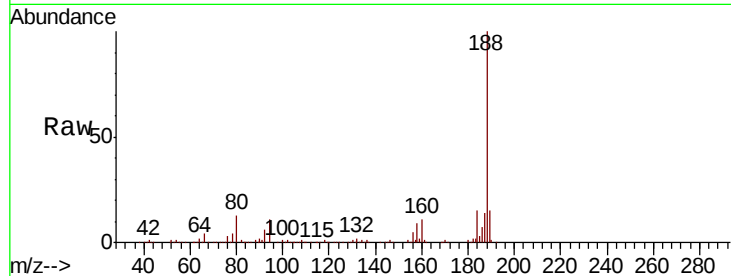




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116728.D
Acq: 1 Sep 2019 6:22

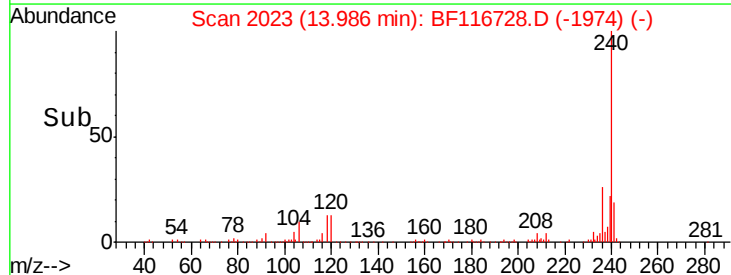
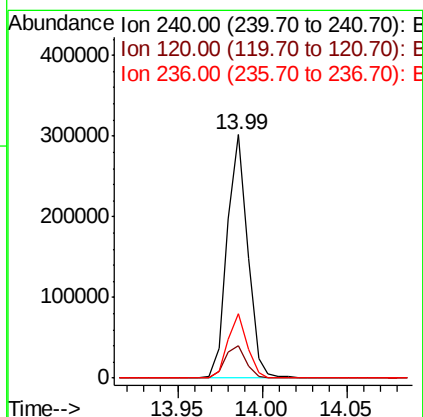
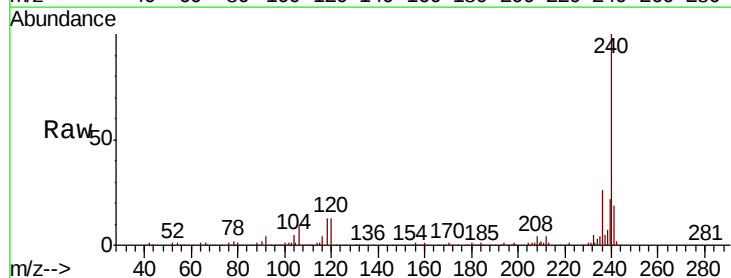
Instrument :
BNA_F
ClientSampleId :
T4-S-D1-D4

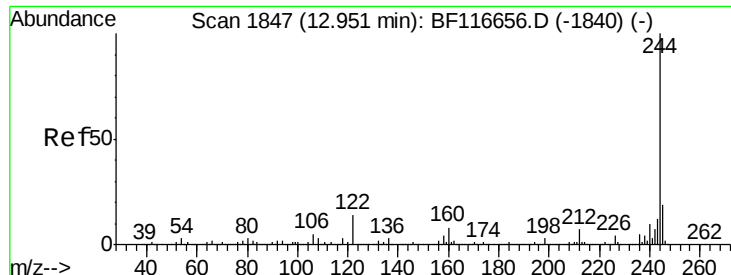
Tot Ion:188 Resp: 407594
Ion Ratio Lower Upper
188 100
94 11.2 7.3 10.9#
80 13.1 8.4 12.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF116728.D
Acq: 1 Sep 2019 6:22

Tgt Ion:240 Resp: 254286
Ion Ratio Lower Upper
240 100
120 13.3 9.1 13.7
236 26.4 21.1 31.7





#79

Terphenyl-d14

Concen: 98.854 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF116728.D

Acq: 1 Sep 2019 6:22

Instrument :

BNA_F

ClientSampleId :

T4-S-D1-D4

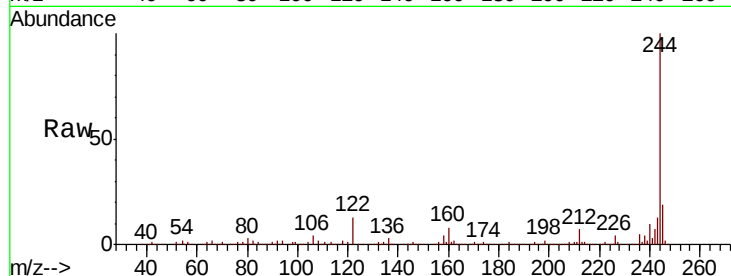
Tot Ion:244 Resp: 1358812

Ion Ratio Lower Upper

244 100

212 6.9 6.1 9.1

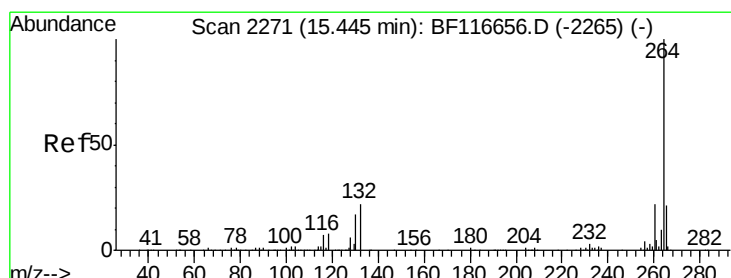
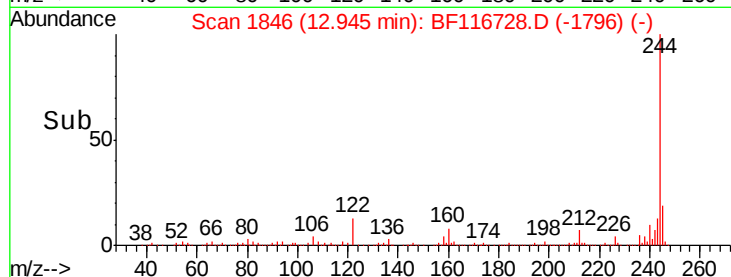
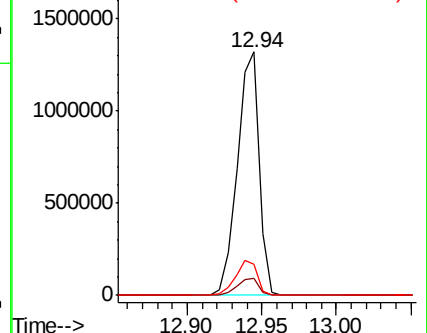
122 13.0 10.2 15.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2270

Delta R.T. -0.01 min

Lab File: BF116728.D

Acq: 1 Sep 2019 6:22

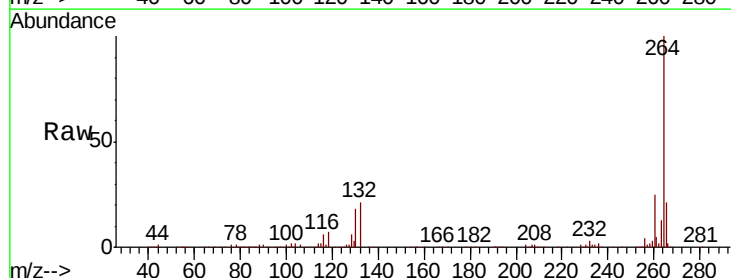
Tgt Ion:264 Resp: 295594

Ion Ratio Lower Upper

264 100

260 24.5 18.3 27.5

265 21.4 16.5 24.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

