

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013019\
 Data File : BF112332.D
 Acq On : 30 Jan 2019 20:08
 Operator : JU/SJ
 Sample : K1282-16
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Quant Time: Jan 31 00:44:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	137263	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	500826	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	221810	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	392974	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	323933	20.00	ng	-0.01
87) Perylene-d12	15.47	264	339328	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	965687	149.43	ng	0.00
7) Phenol-d6	6.49	99	1049032	116.82	ng	0.00
23) Nitrobenzene-d5	7.40	82	837961	96.41	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	364588	141.21	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1650474	105.24	ng	-0.01
79) Terphenyl-d14	12.94	244	1507993	87.68	ng	0.00

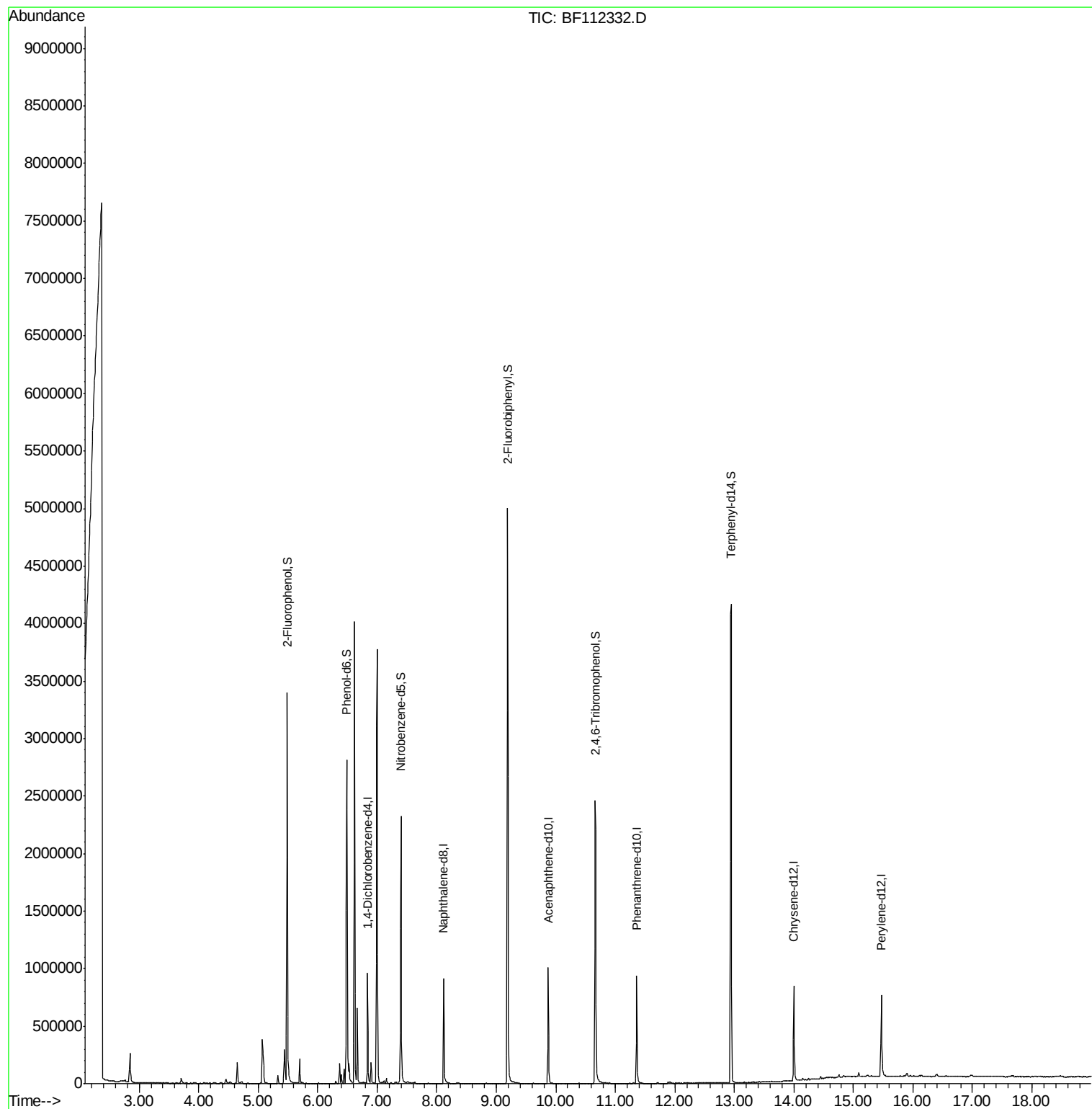
Target Compounds Qvalue

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

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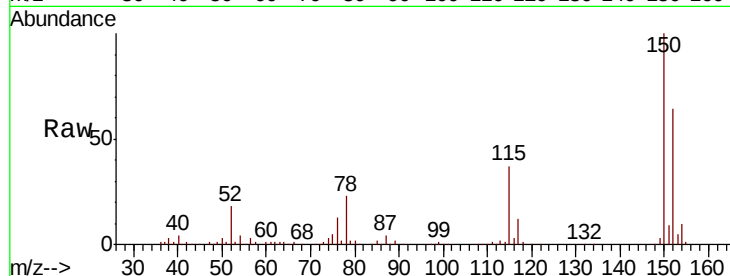


#1

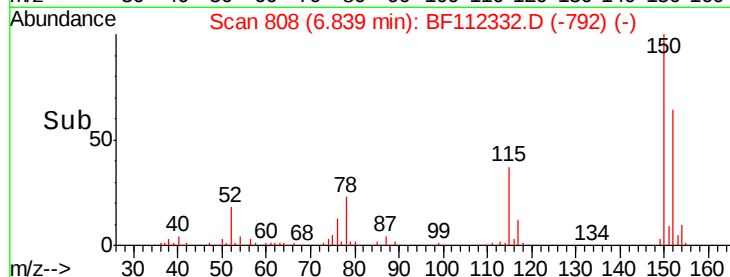
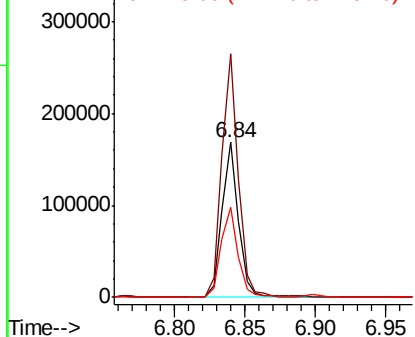
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF112332.D
Acq: 30 Jan 2019 20:08

Instrument :
BNA_F
ClientSampleId :
TP-4

Tot Ion:152 Resp: 137263
Ion Ratio Lower Upper
152 100
150 157.2 127.4 191.0
115 58.3 45.5 68.3



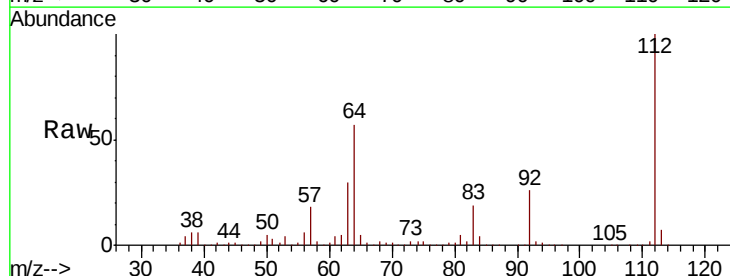
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



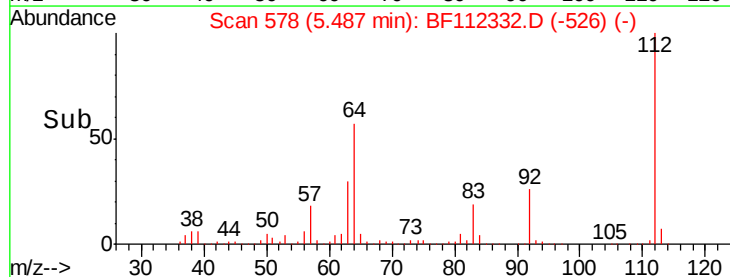
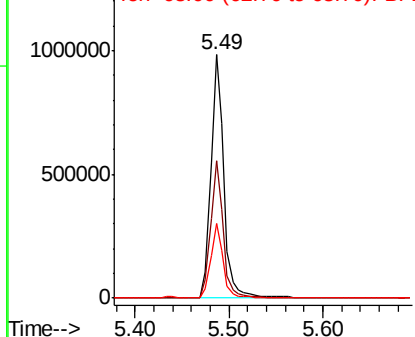
#5

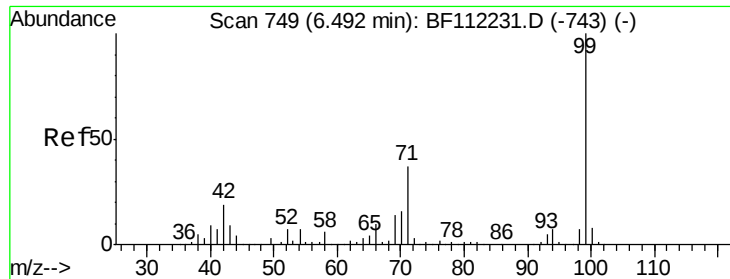
2-Fluorophenol
Concen: 149.434 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF112332.D
Acq: 30 Jan 2019 20:08

Tgt Ion:112 Resp: 965687
Ion Ratio Lower Upper
112 100
64 56.5 45.7 68.5
63 30.4 23.6 35.4



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: 116.823 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112332.D

Acq: 30 Jan 2019 20:08

Instrument :

BNA_F

ClientSampled :

TP-4

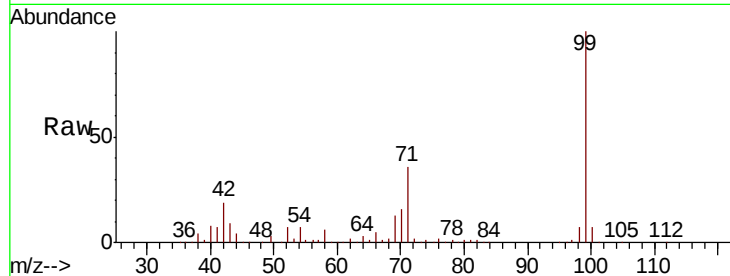
Tot Ion: 99 Resp: 1049032

Ion Ratio Lower Upper

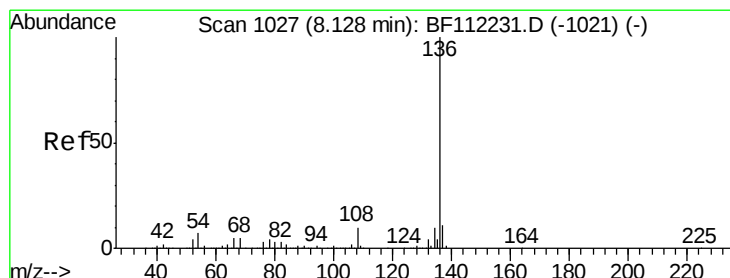
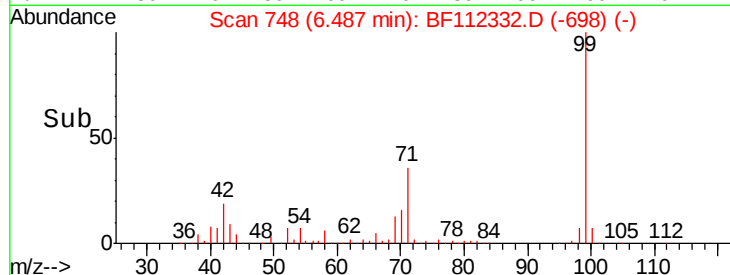
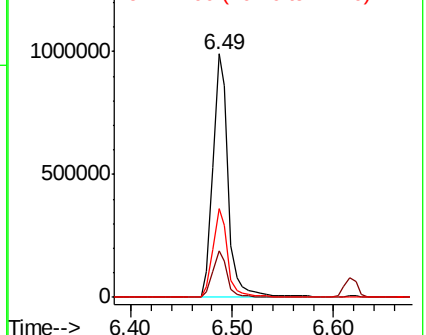
99 100

42 19.2 15.1 22.7

71 36.3 26.9 40.3



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: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF112332.D

Acq: 30 Jan 2019 20:08

Tgt Ion: 136 Resp: 500826

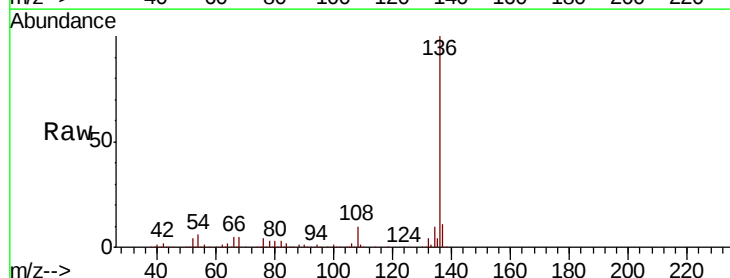
Ion Ratio Lower Upper

136 100

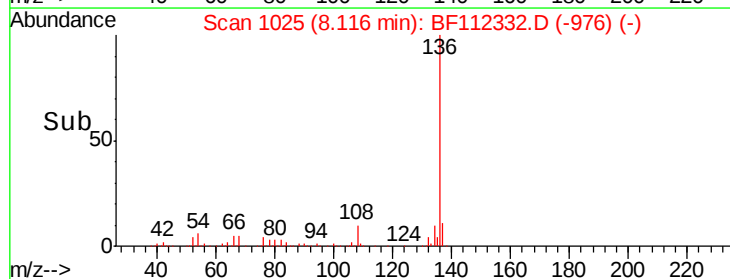
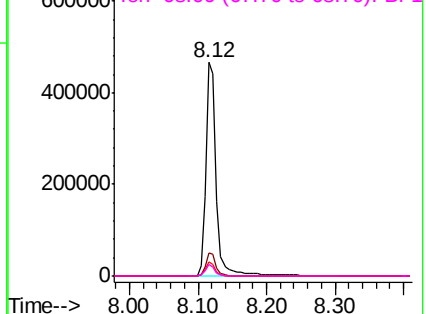
137 10.9 9.1 13.7

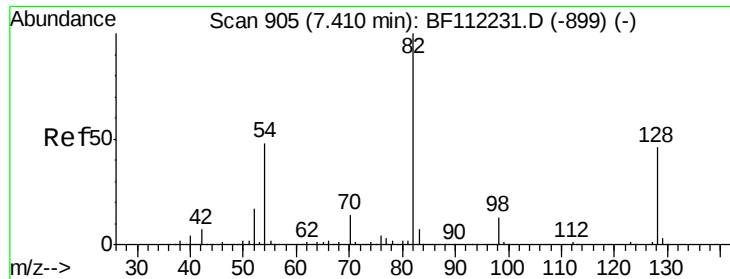
54 6.4 5.9 8.9

68 5.2 5.1 7.7



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

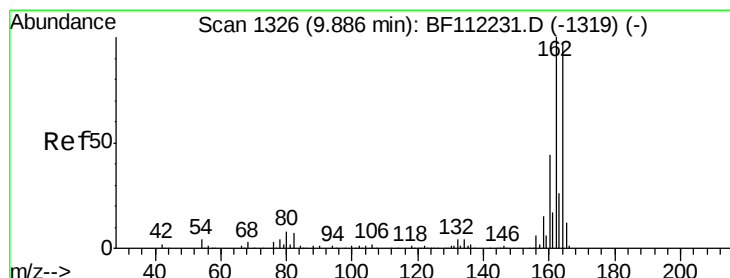
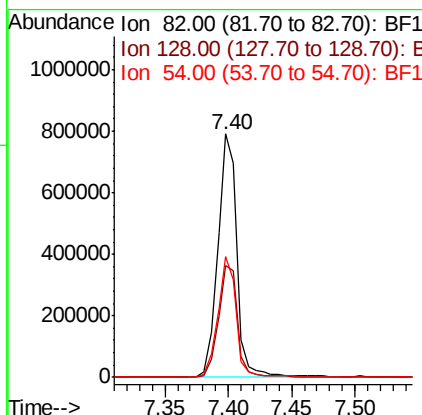
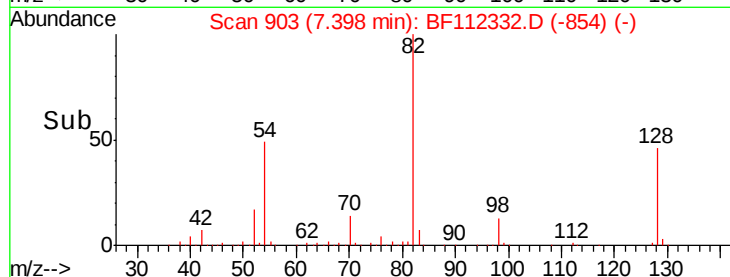
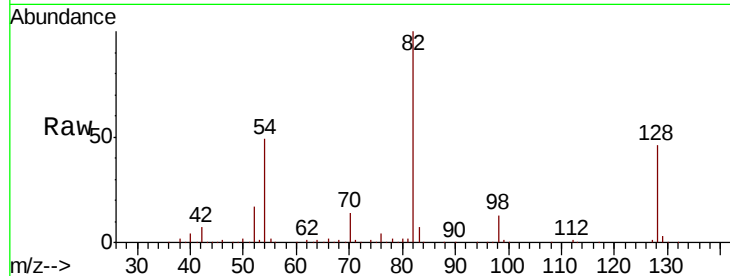




#23
Nitrobenzene-d5
Concen: 96.407 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF112332.D
Acq: 30 Jan 2019 20:08

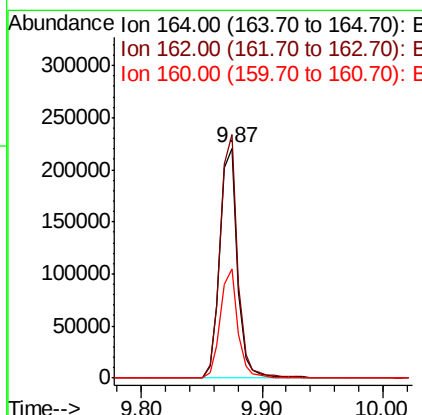
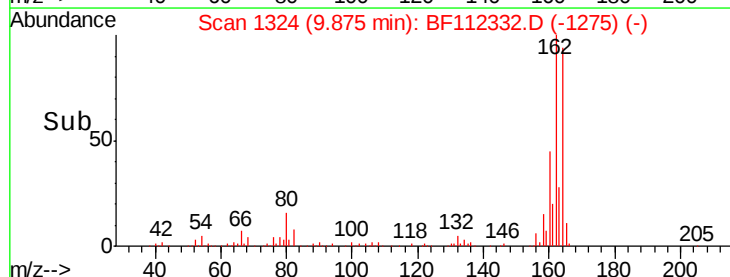
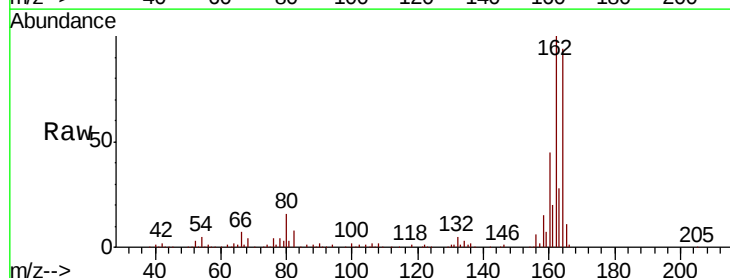
Instrument :
BNA_F
ClientSampleId :
TP-4

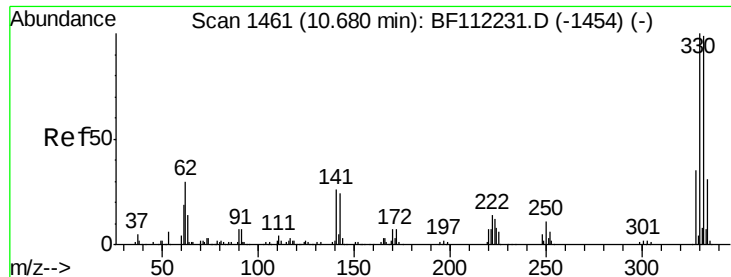
Tot Ion: 82 Resp: 837961
Ion Ratio Lower Upper
82 100
128 46.1 37.8 56.8
54 49.4 39.7 59.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF112332.D
Acq: 30 Jan 2019 20:08

Tgt Ion: 164 Resp: 221810
Ion Ratio Lower Upper
164 100
162 105.9 82.2 123.4
160 47.5 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 141.214 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF112332.D

Acq: 30 Jan 2019 20:08

Instrument :

BNA_F

ClientSampleId :

TP-4

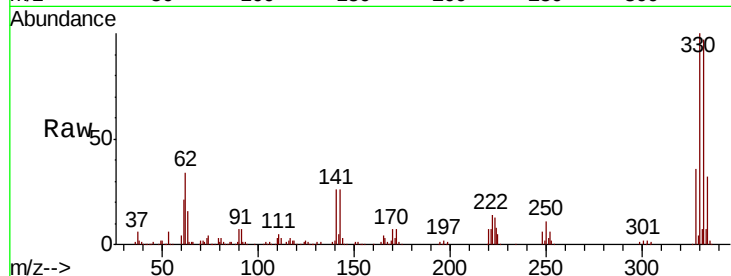
Tot Ion:330 Resp: 364588

Ion Ratio Lower Upper

330 100

332 95.3 76.6 114.8

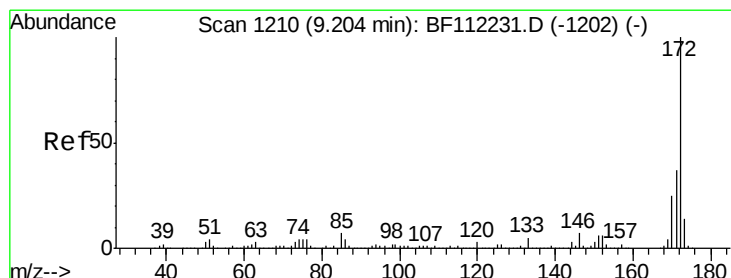
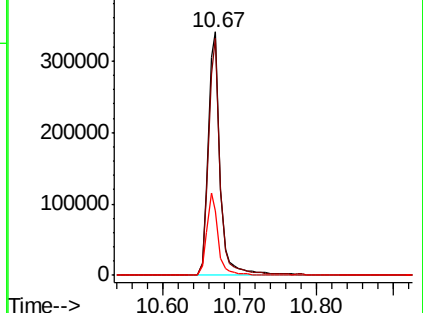
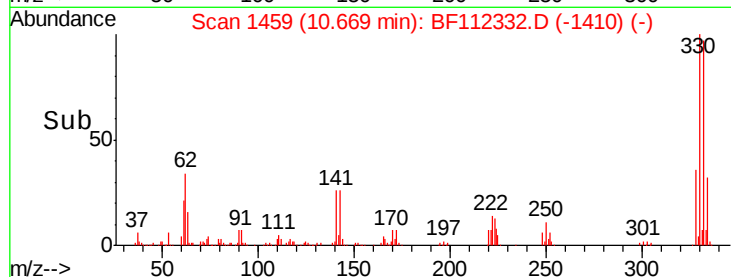
141 32.3 24.3 36.5



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: 105.240 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF112332.D

Acq: 30 Jan 2019 20:08

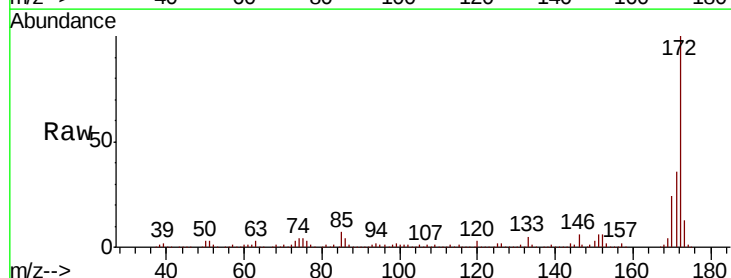
Tgt Ion:172 Resp: 1650474

Ion Ratio Lower Upper

172 100

171 36.2 30.5 45.7

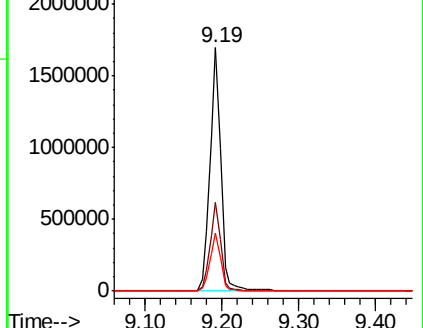
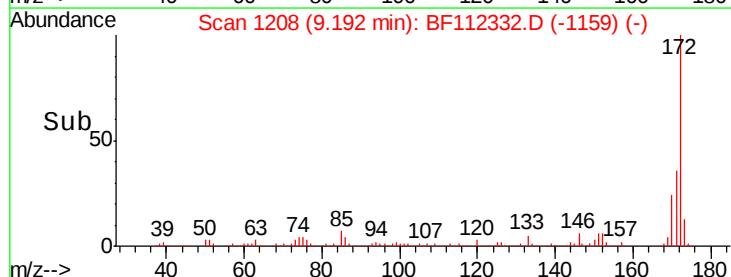
170 24.0 20.2 30.4



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

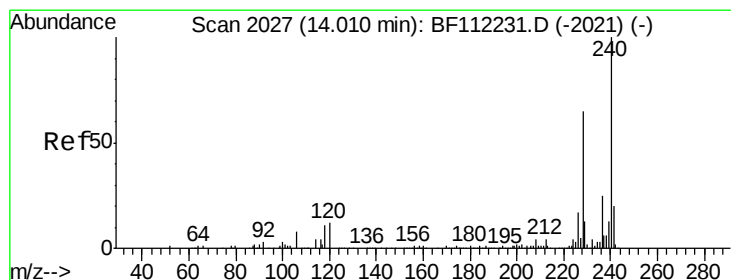
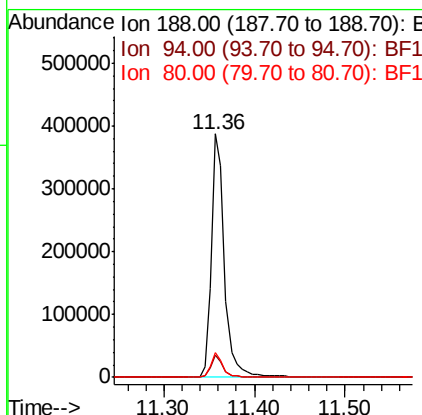
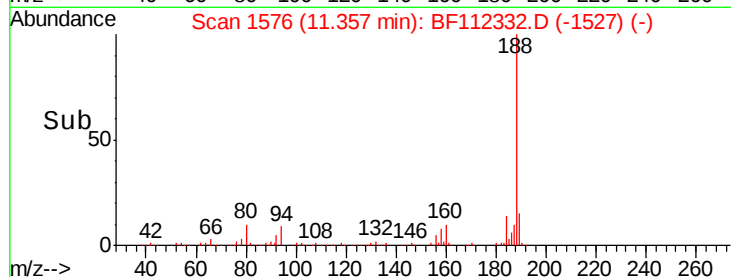
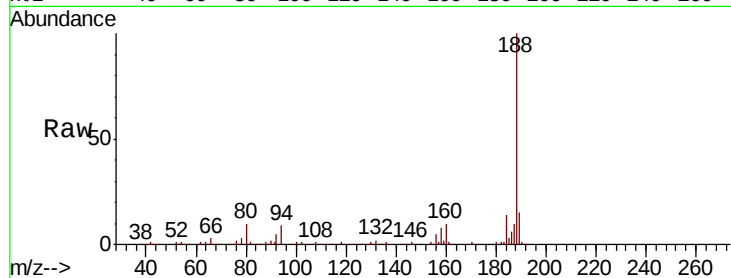




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112332.D
Acq: 30 Jan 2019 20:08

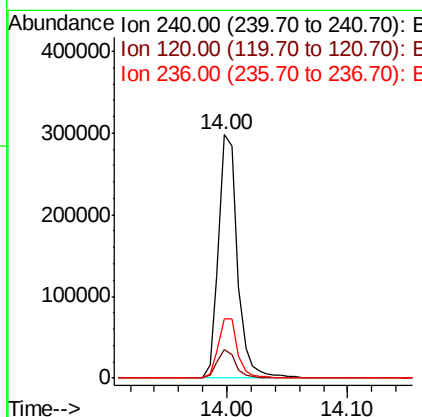
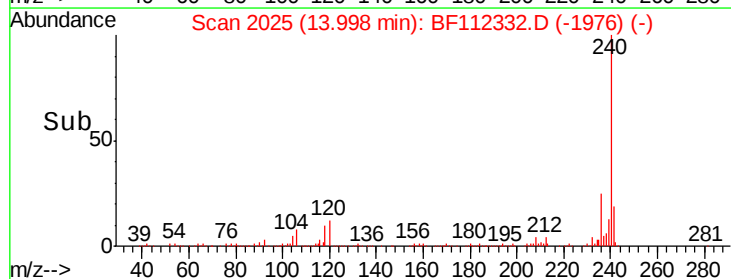
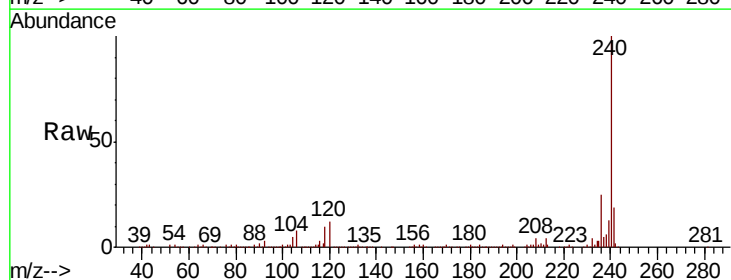
Instrument :
BNA_F
ClientSampled :
TP-4

Tot Ion:188 Resp: 392974
Ion Ratio Lower Upper
188 100
94 9.0 8.2 12.2
80 9.9 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF112332.D
Acq: 30 Jan 2019 20:08

Tgt Ion:240 Resp: 323933
Ion Ratio Lower Upper
240 100
120 11.8 9.0 13.6
236 24.5 20.7 31.1



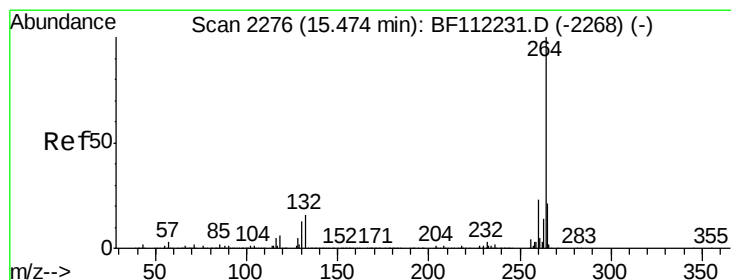
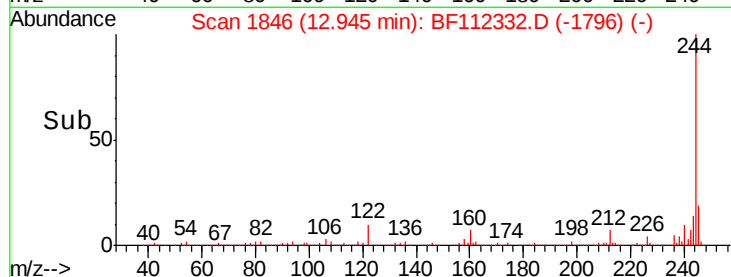
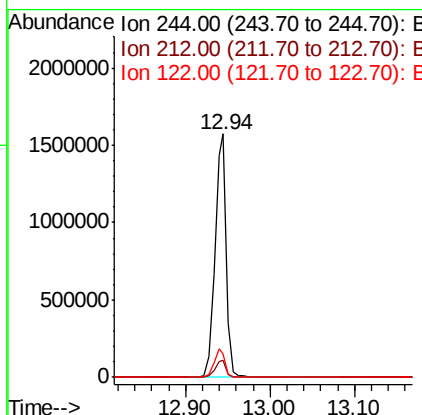
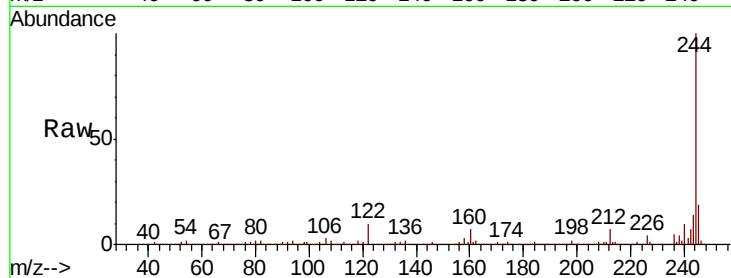


#79
 Terphenyl-d14
 Concen: 87.679 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF112332.D
 Acq: 30 Jan 2019 20:08

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Tot Ion:244 Resp: 1507993

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.9	8.9
122	9.9	9.8	14.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BF112332.D
 Acq: 30 Jan 2019 20:08

Tgt Ion:264 Resp: 339328

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.2	27.2
265	21.1	17.0	25.4

