

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091019\
 Data File : BF116924.D
 Acq On : 10 Sep 2019 16:33
 Operator : HP/JU
 Sample : PB122923TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122923TB

Quant Time: Sep 10 18:03:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 10 17:49:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	93130	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	375526	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	194667	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	327981	20.00	ng	0.00
76) Chrysene-d12	13.98	240	243627	20.00	ng	0.00
87) Perylene-d12	15.43	264	204958	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	653754	113.72	ng	0.01
7) Phenol-d6	6.47	99	875409	115.97	ng	0.00
23) Nitrobenzene-d5	7.39	82	559092	84.99	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	204262	156.96	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1029176	89.18	ng	0.00
79) Terphenyl-d14	12.93	244	1131260	85.90	ng	0.00

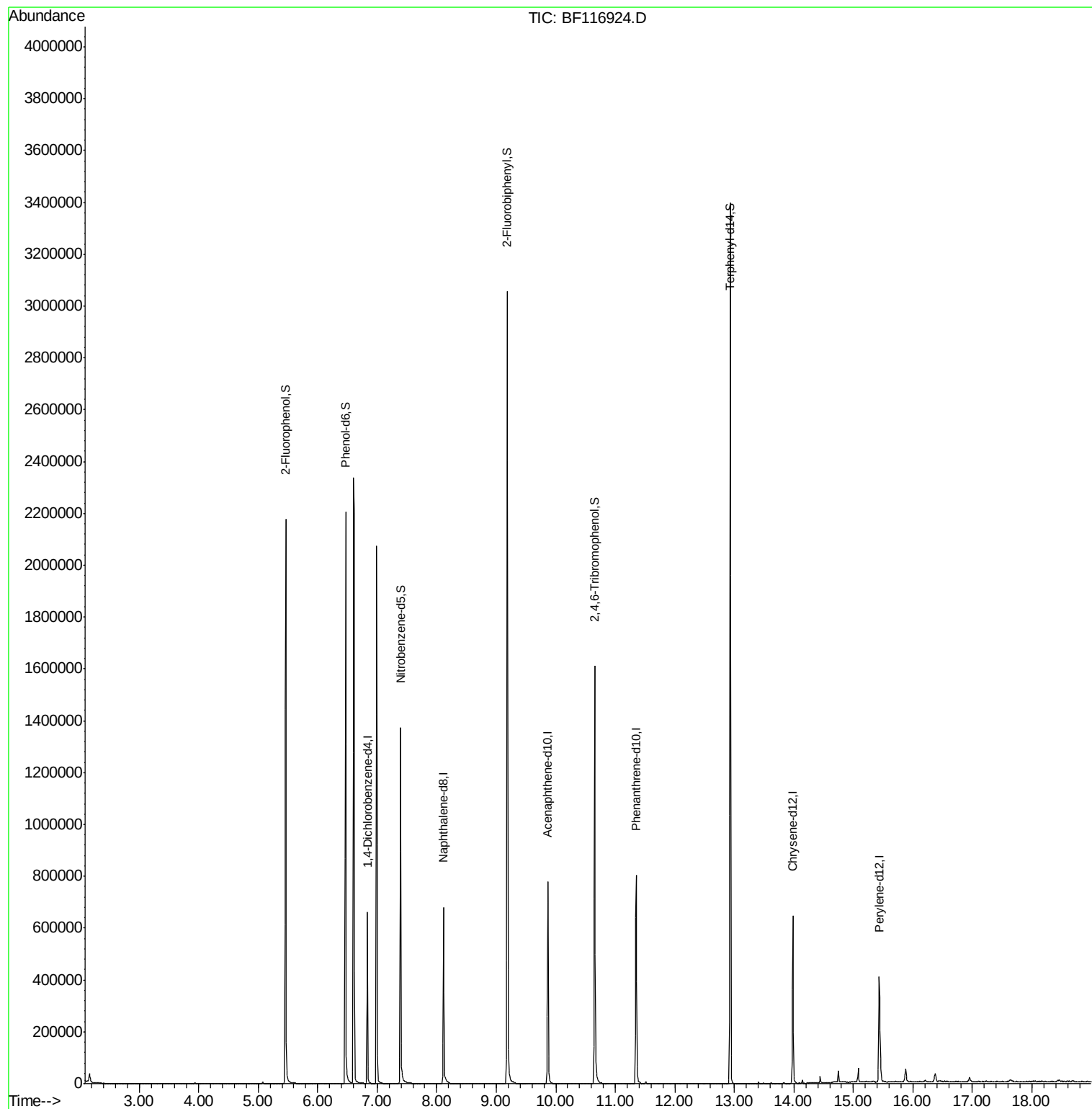
Target Compounds Qvalue

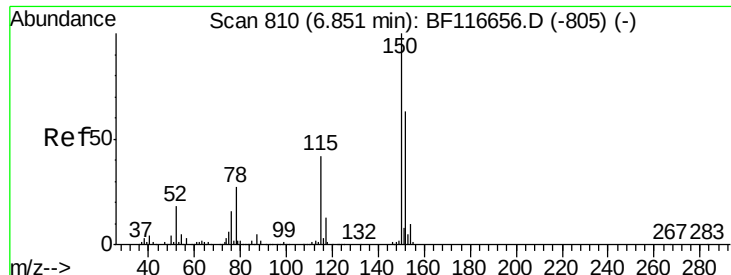
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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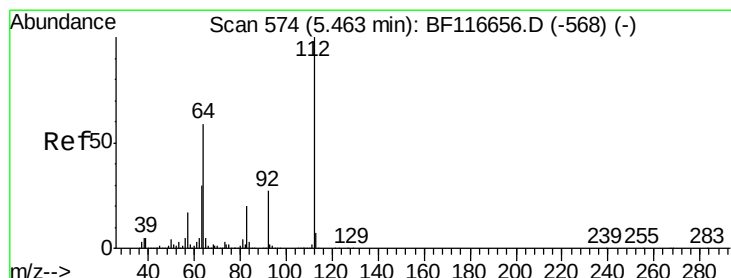
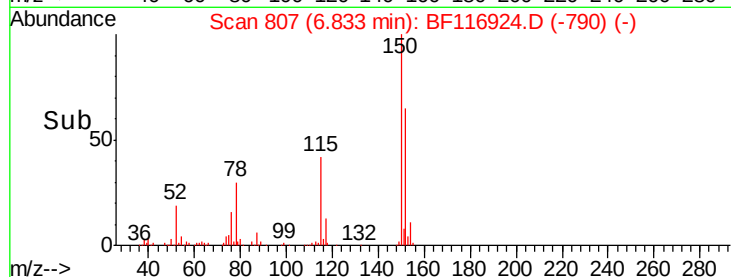
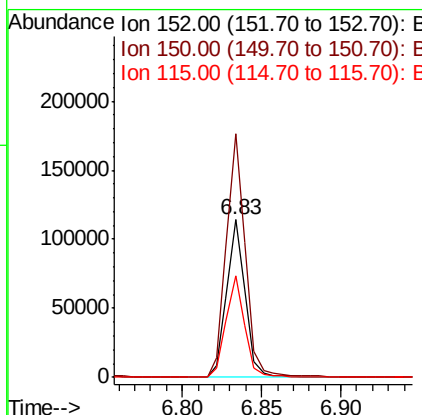
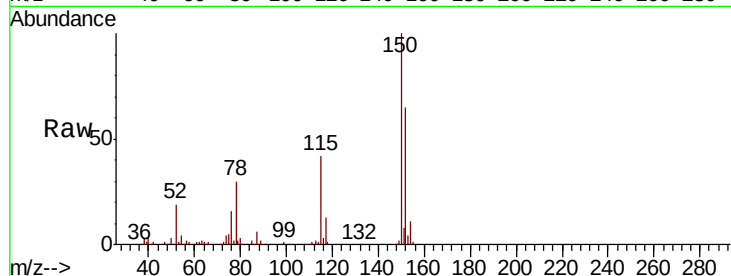


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF116924.D
Acq: 10 Sep 2019 16:33

Instrument :
BNA_F
ClientSampleId :
PB122923TB

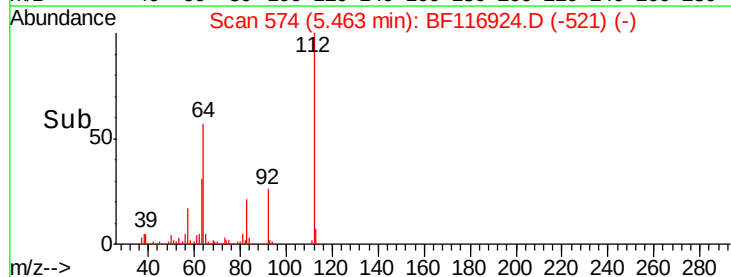
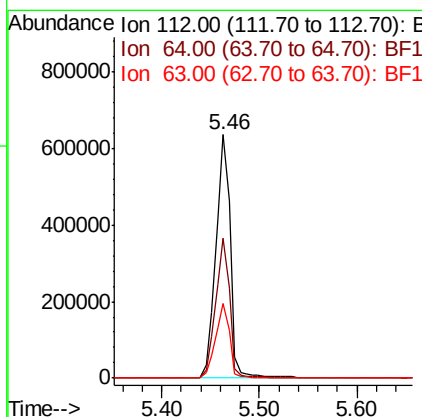
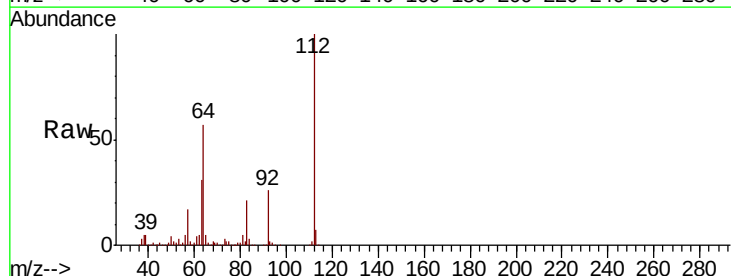
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.4	186.6
115	64.4	49.9	74.9

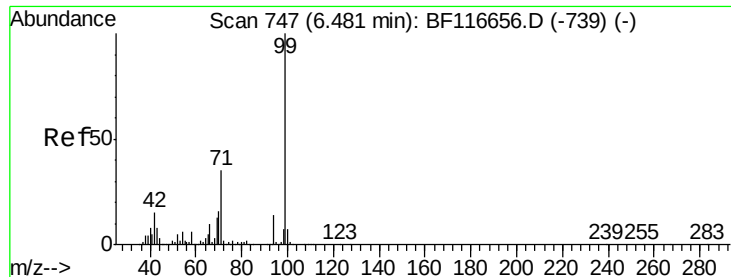


#5

2-Fluorophenol
Concen: 113.725 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.01 min
Lab File: BF116924.D
Acq: 10 Sep 2019 16:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.4	47.1	70.7
63	30.8	24.9	37.3





#7

Phenol-d6

Concen: 115.971 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF116924.D

Acq: 10 Sep 2019 16:33

Instrument :

BNA_F

ClientSampleId :

PB122923TB

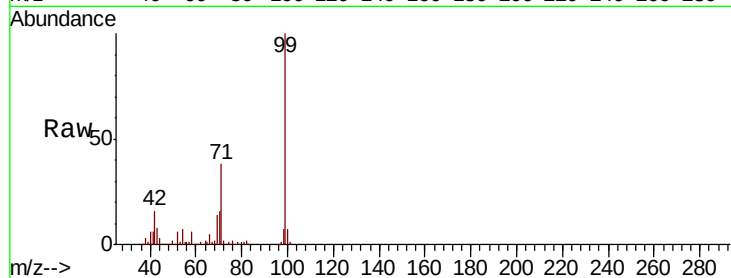
Tot Ion: 99 Resp: 875409

Ion Ratio Lower Upper

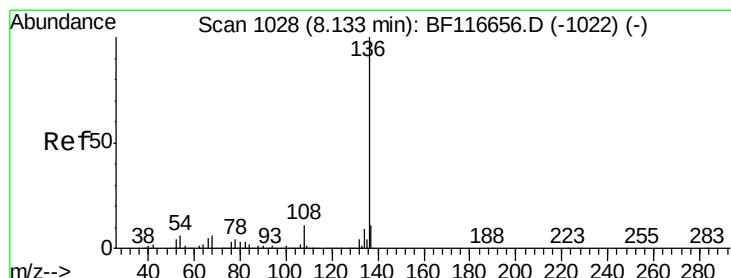
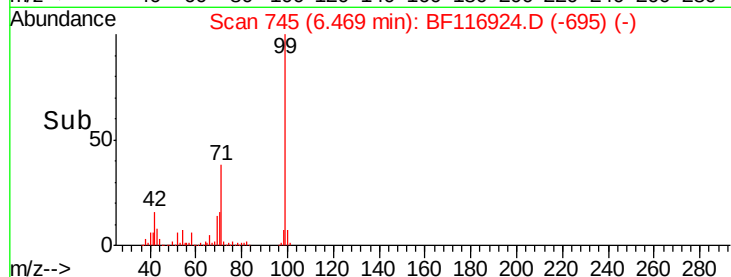
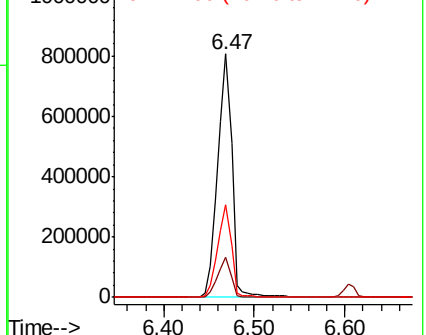
99 100

42 16.3 13.7 20.5

71 38.2 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: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF116924.D

Acq: 10 Sep 2019 16:33

Tgt Ion: 136 Resp: 375526

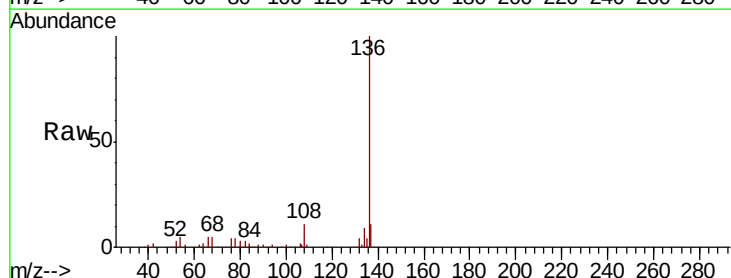
Ion Ratio Lower Upper

136 100

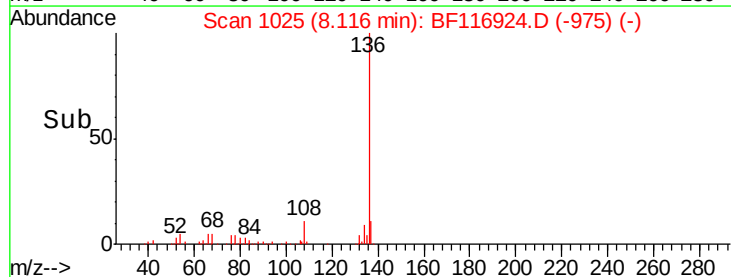
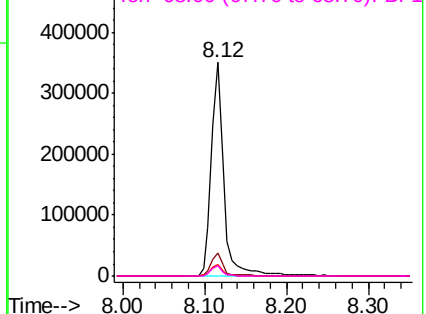
137 10.7 8.9 13.3

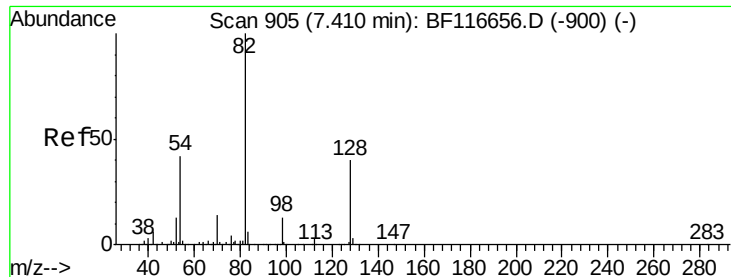
54 5.3 4.8 7.2

68 4.7 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

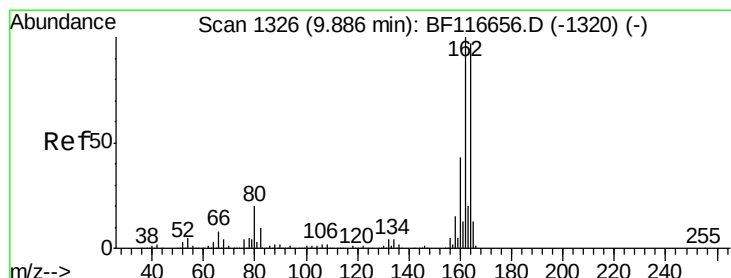
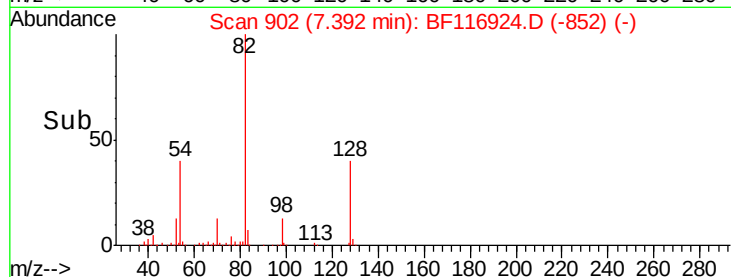
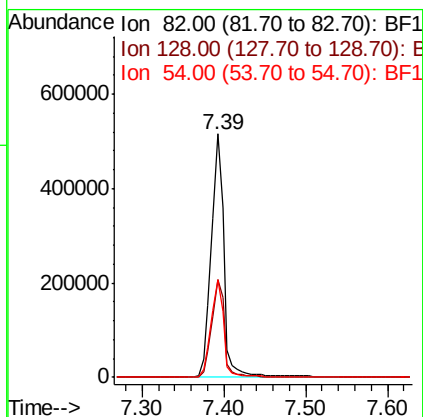
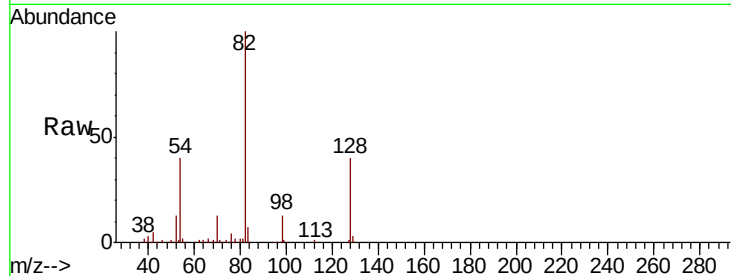




#23
 Nitrobenzene-d5
 Concen: 84.993 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.01 min
 Lab File: BF116924.D
 Acq: 10 Sep 2019 16:33

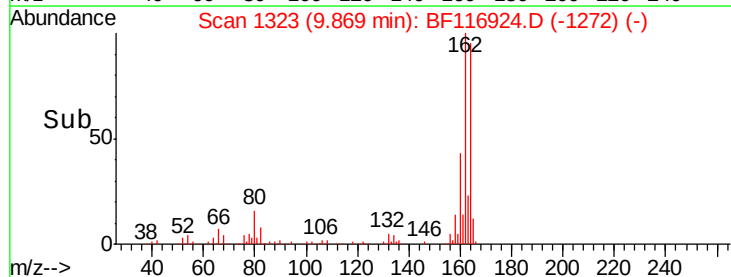
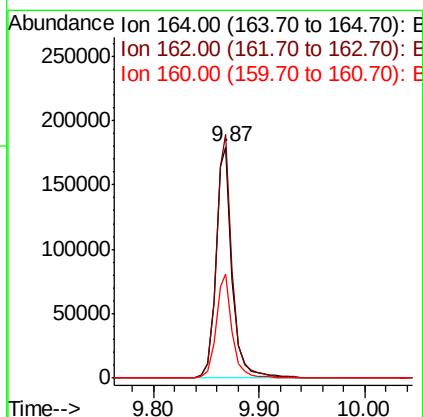
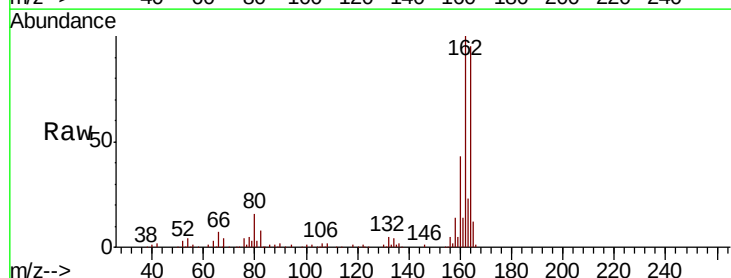
Instrument :
 BNA_F
 ClientSampleId :
 PB122923TB

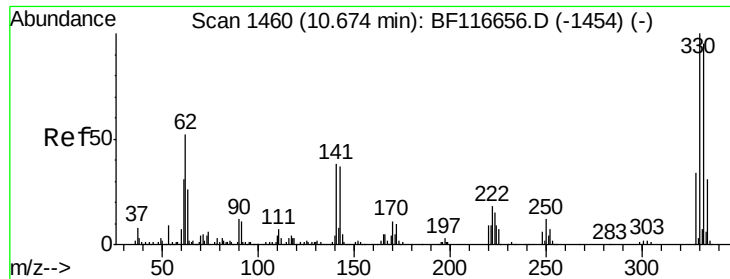
Tot Ion:	82	Resp:	559092
Ion	Ratio	Lower	Upper
82	100		
128	40.2	32.8	49.2
54	40.2	36.9	55.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: BF116924.D
 Acq: 10 Sep 2019 16:33

Tgt Ion:	164	Resp:	194667
Ion	Ratio	Lower	Upper
164	100		
162	105.2	81.4	122.0
160	45.0	35.4	53.2

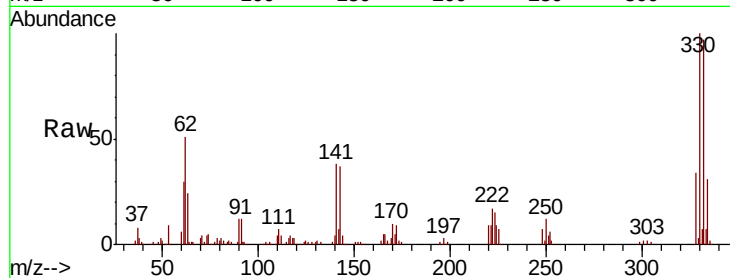




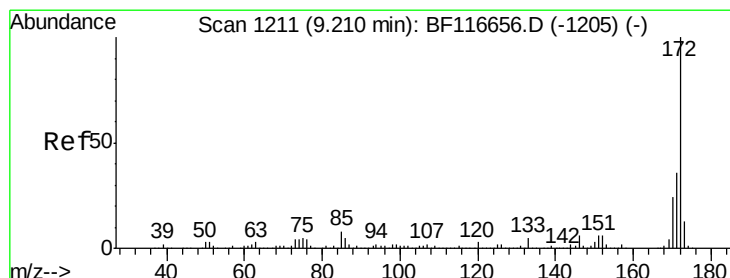
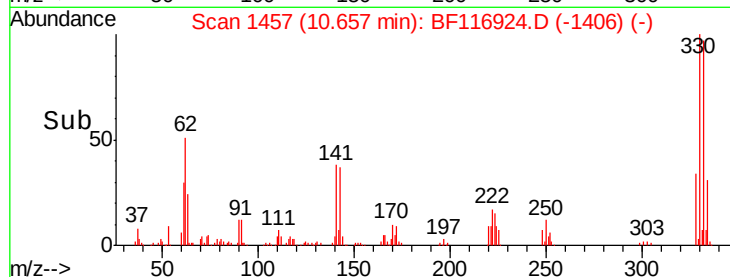
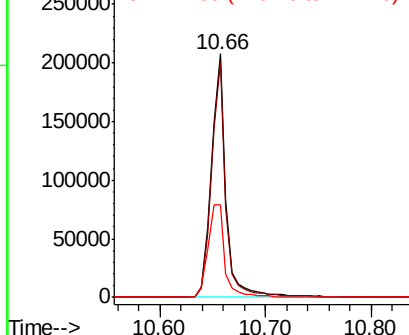
#42
 2,4,6-Tribromophenol
 Concen: 156.957 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: BF116924.D
 Acq: 10 Sep 2019 16:33

Instrument :
 BNA_F
 ClientSampleId :
 PB122923TB

Tot Ion:330 Resp: 204262
 Ion Ratio Lower Upper
 330 100
 332 95.0 76.9 115.3
 141 44.2 31.4 47.2

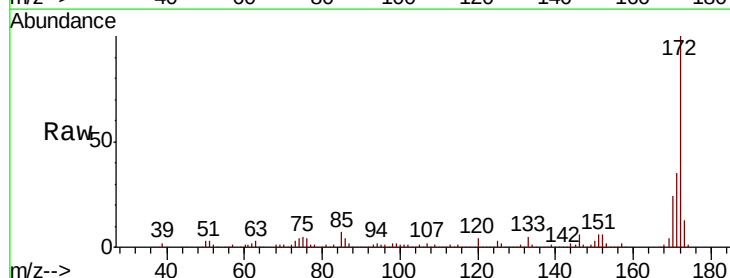


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

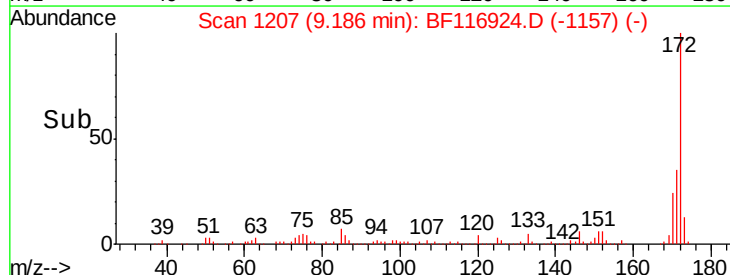
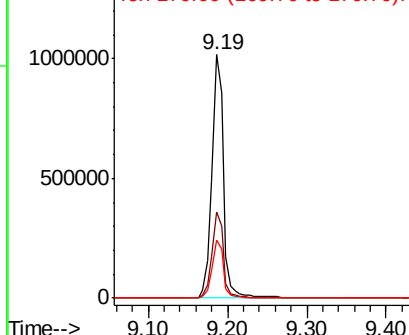


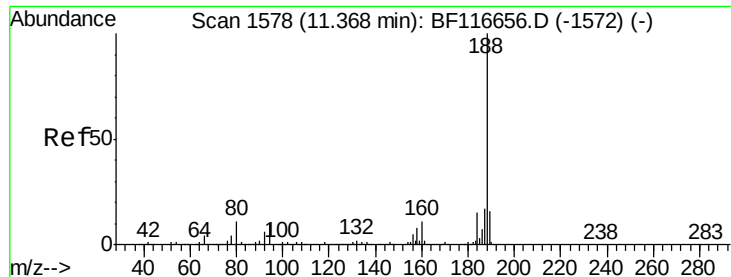
#45
 2-Fluorobiphenyl
 Concen: 89.184 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF116924.D
 Acq: 10 Sep 2019 16:33

Tgt Ion:172 Resp: 1029176
 Ion Ratio Lower Upper
 172 100
 171 35.4 27.8 41.6
 170 23.6 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

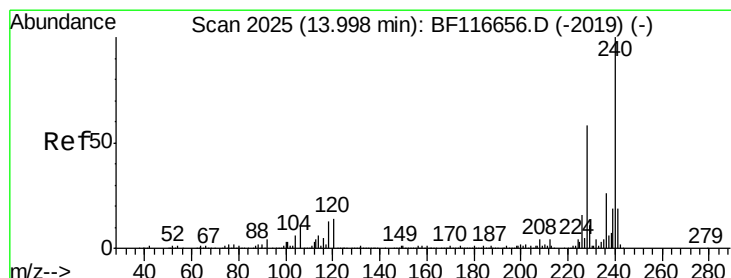
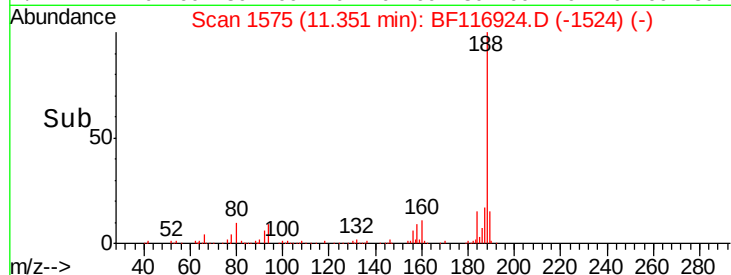
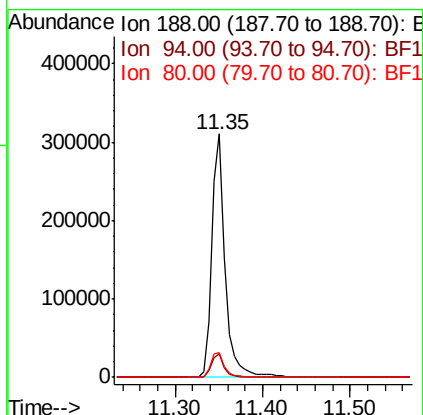
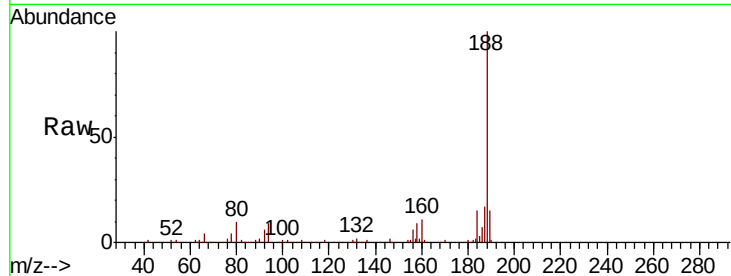




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BF116924.D
Acq: 10 Sep 2019 16:33

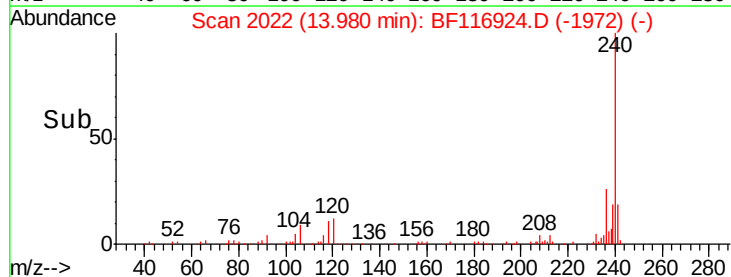
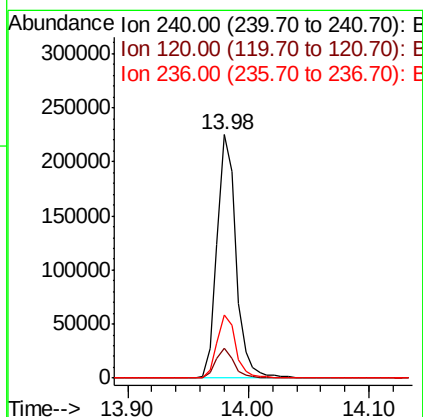
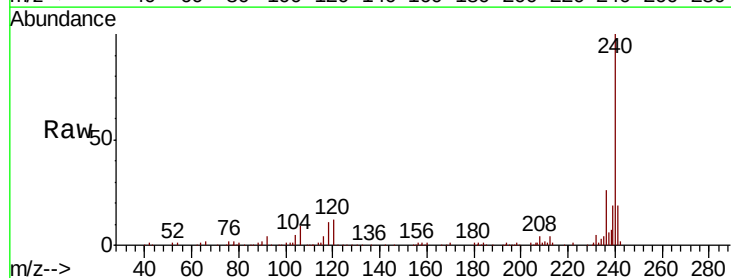
Instrument :
BNA_F
ClientSampleId :
PB122923TB

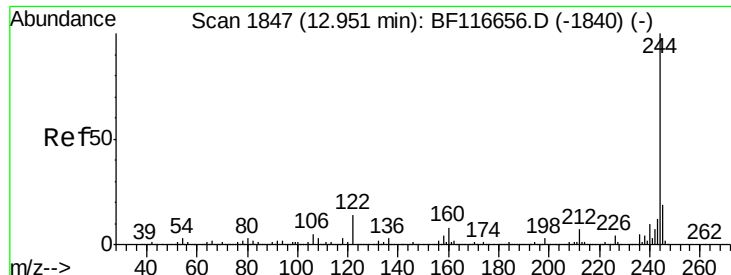
Tot Ion:188 Resp: 327981
Ion Ratio Lower Upper
188 100
94 9.4 7.3 10.9
80 10.3 8.4 12.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF116924.D
Acq: 10 Sep 2019 16:33

Tgt Ion:240 Resp: 243627
Ion Ratio Lower Upper
240 100
120 12.1 9.1 13.7
236 26.1 21.1 31.7





#79

Terphenyl-d14

Concen: 85.900 ng

RT: 12.93 min Scan# 1844

Delta R.T. 0.00 min

Lab File: BF116924.D

Acq: 10 Sep 2019 16:33

Instrument :

BNA_F

ClientSampleId :

PB122923TB

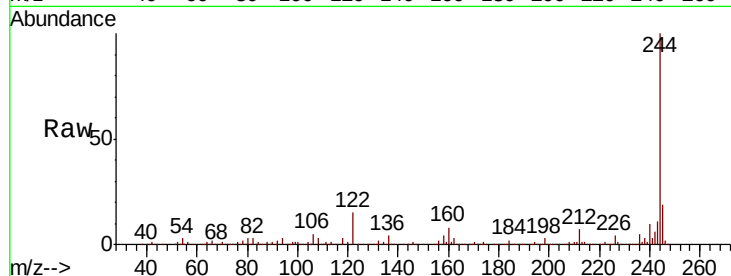
Tot Ion:244 Resp: 1131260

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

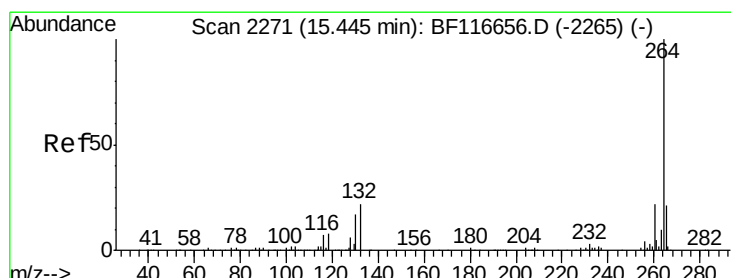
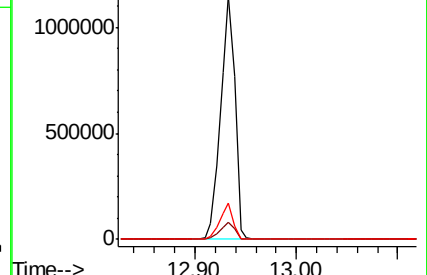
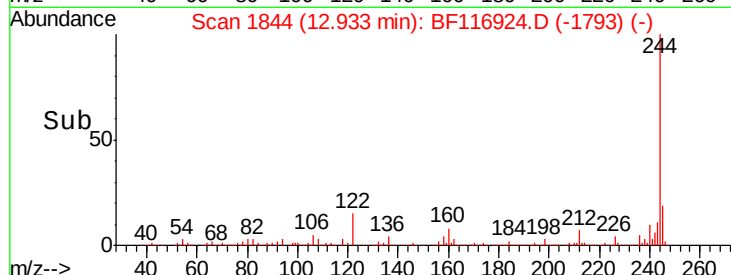
122 14.8 10.2 15.4



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: 15.43 min Scan# 2269

Delta R.T. 0.00 min

Lab File: BF116924.D

Acq: 10 Sep 2019 16:33

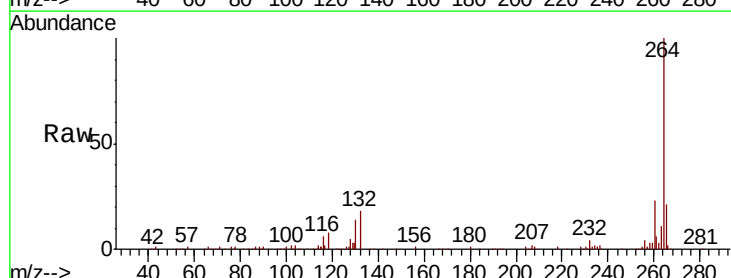
Tgt Ion:264 Resp: 204958

Ion Ratio Lower Upper

264 100

260 23.4 18.3 27.5

265 21.0 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

