

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070819\
 Data File : BF115429.D
 Acq On : 9 Jul 2019 2:04
 Operator : HP/JU
 Sample : K3668-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRANSFORMER-T2

Quant Time: Jul 09 06:06:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 05 14:57:35 2019
 Response via : Initial Calibration

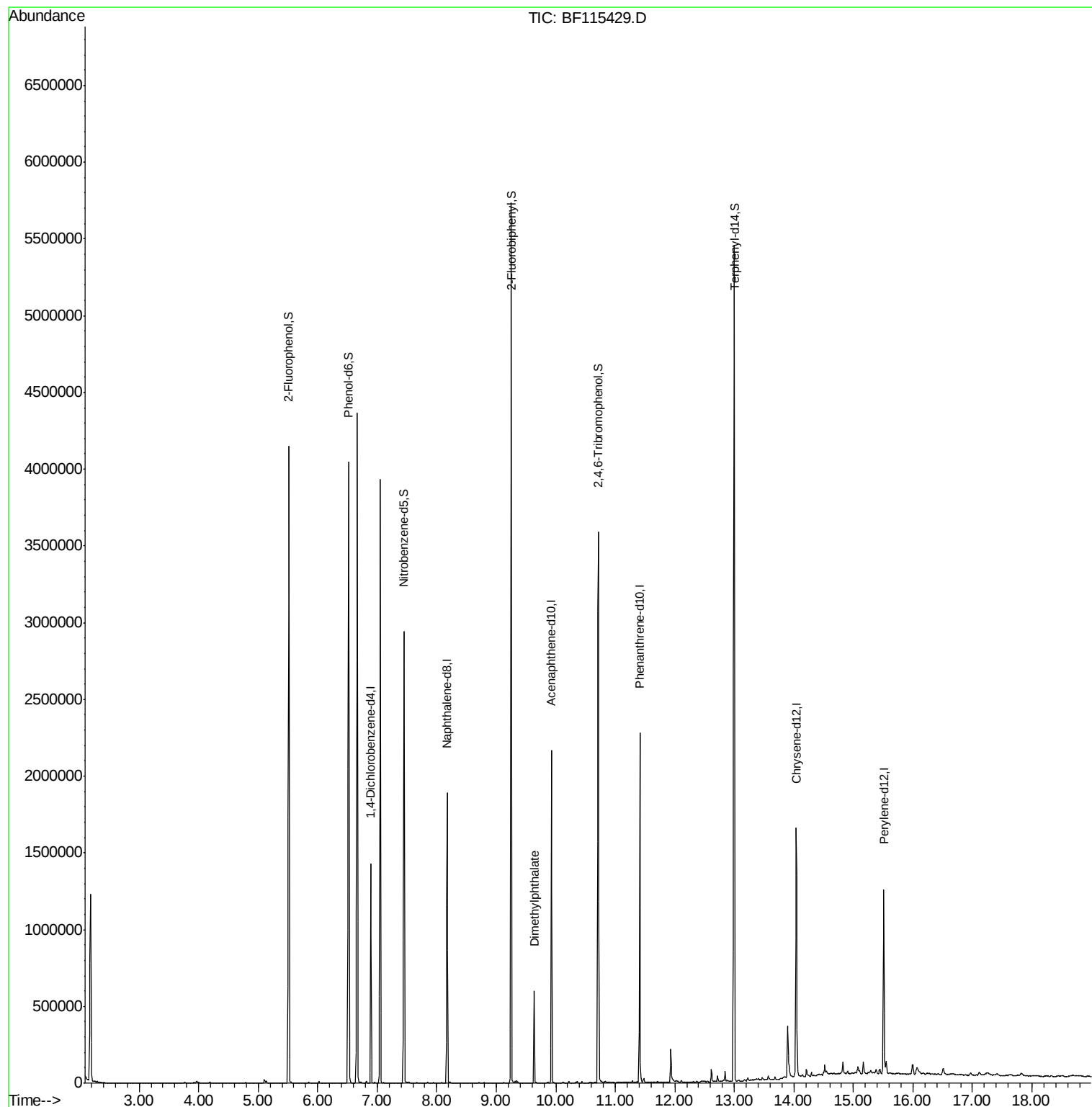
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	193385	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	762698	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	382938	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	744917	20.00	ng	0.00
76) Chrysene-d12	14.04	240	511533	20.00	ng	-0.03
87) Perylene-d12	15.51	264	552829	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1338171	106.91	ng	0.00
7) Phenol-d6	6.52	99	1833888	115.20	ng	0.00
23) Nitrobenzene-d5	7.45	82	1130861	87.60	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	492132	116.23	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1898825	87.01	ng	0.00
79) Terphenyl-d14	13.00	244	2004817	80.25	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.64	163	239826	8.344	ng	Qvalue 98

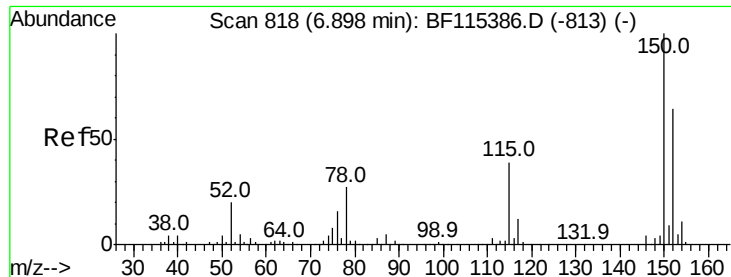
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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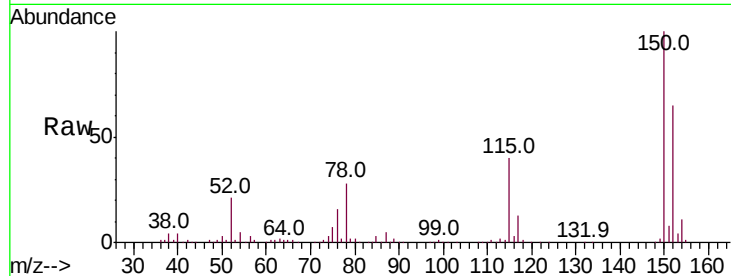


#1

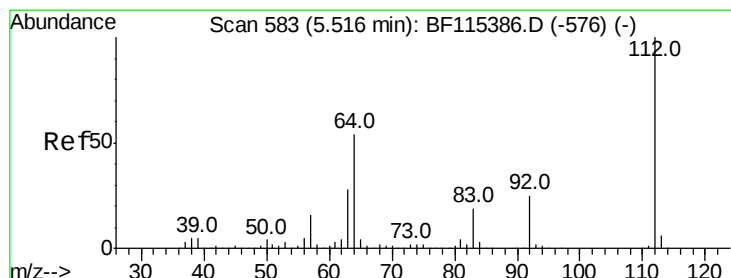
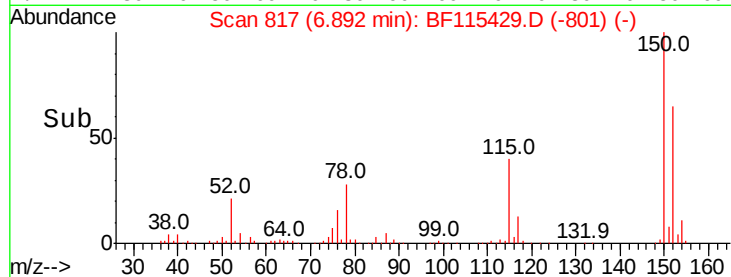
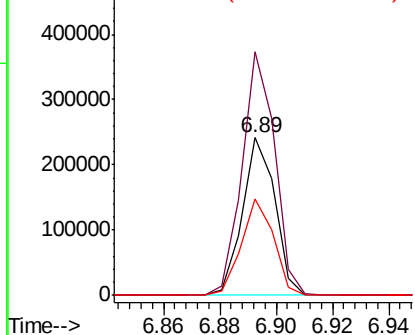
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF115429.D
Acq: 9 Jul 2019 2:04

Instrument :
BNA_F
ClientSampleId :
TRANSFORMER-T2

Tot Ion:152 Resp: 193385
Ion Ratio Lower Upper
152 100
150 154.6 124.7 187.1
115 61.3 48.1 72.1



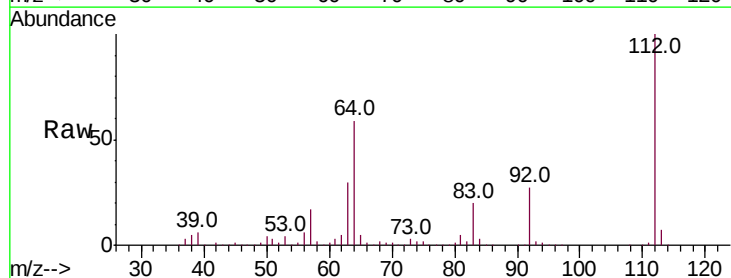
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



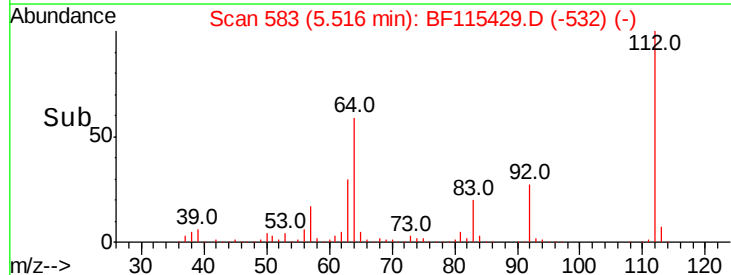
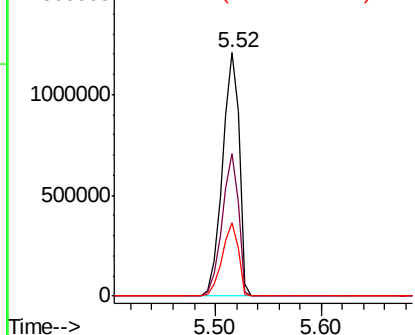
#5

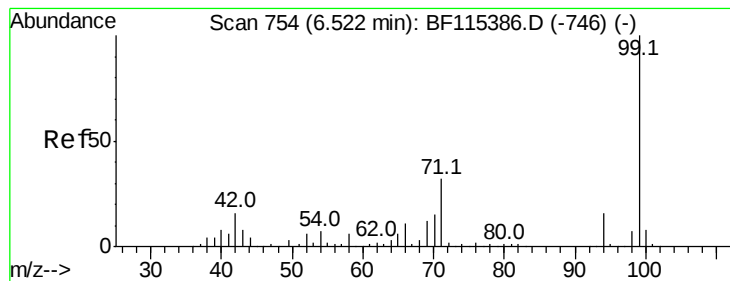
2-Fluorophenol
Concen: 106.912 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF115429.D
Acq: 9 Jul 2019 2:04

Tgt Ion:112 Resp: 1338171
Ion Ratio Lower Upper
112 100
64 58.6 43.0 64.6
63 30.0 22.2 33.2



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: 115.205 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF115429.D

Acq: 9 Jul 2019 2:04

Instrument :

BNA_F

ClientSampleId :

TRANSFORMER-T2

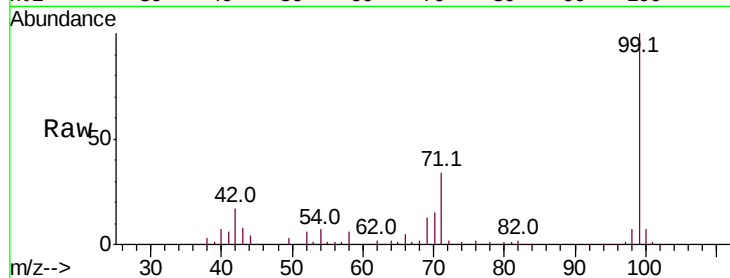
Tot Ion: 99 Resp: 1833888

Ion Ratio Lower Upper

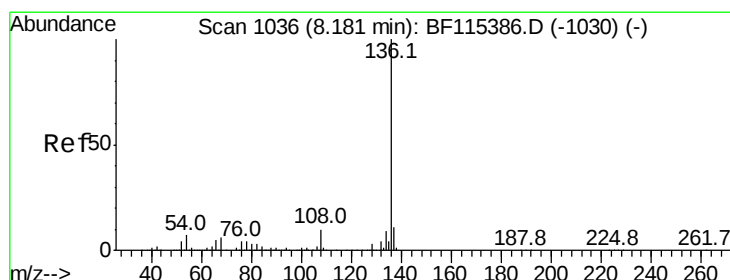
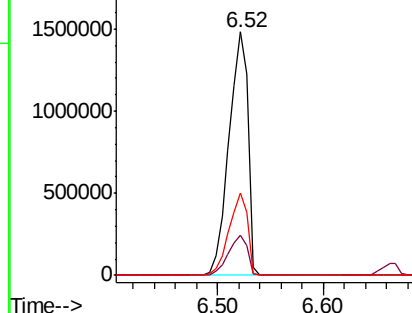
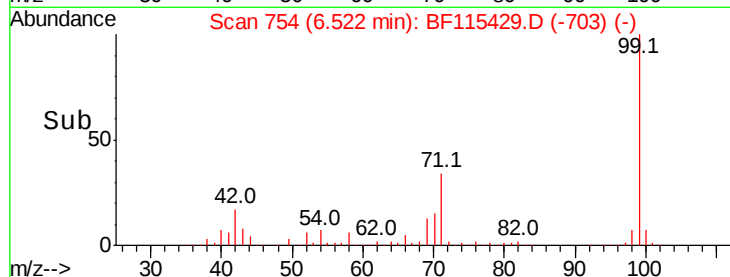
99 100

42 16.6 13.1 19.7

71 34.0 25.9 38.9



Abundance Ion 99.00 (98.70 to 99.70): BF1
2000000
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: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF115429.D

Acq: 9 Jul 2019 2:04

Tgt Ion: 136 Resp: 762698

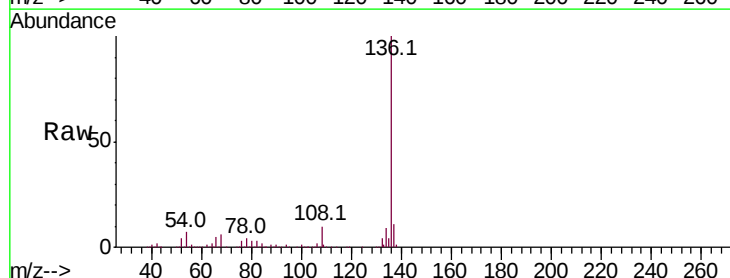
Ion Ratio Lower Upper

136 100

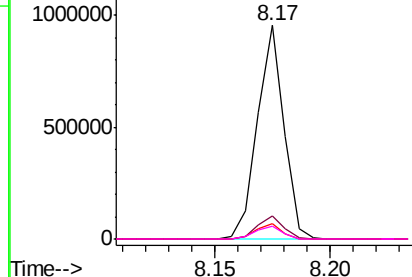
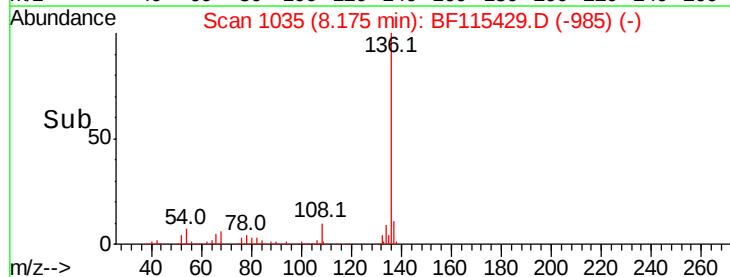
137 11.0 8.9 13.3

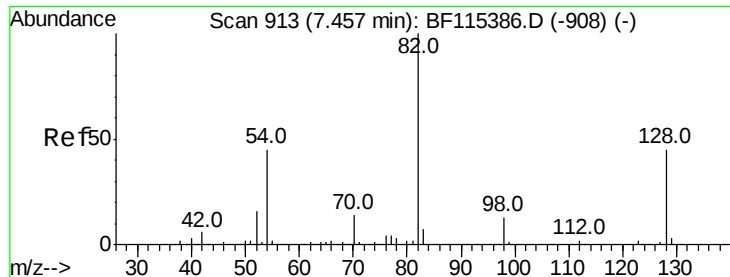
54 7.0 5.6 8.4

68 6.3 4.9 7.3



Abundance Ion 136.00 (135.70 to 136.70): E
1500000
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

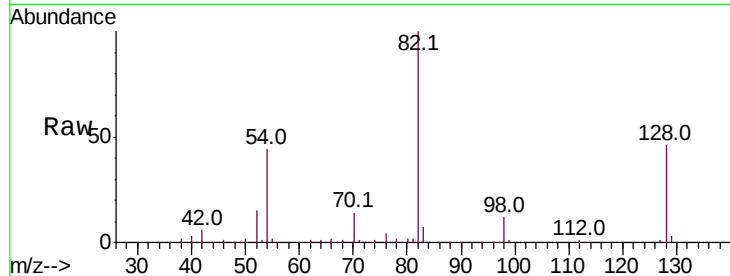




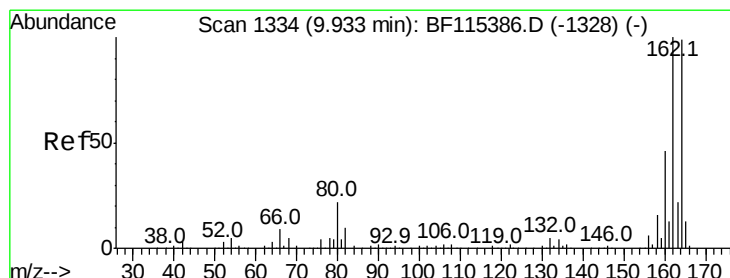
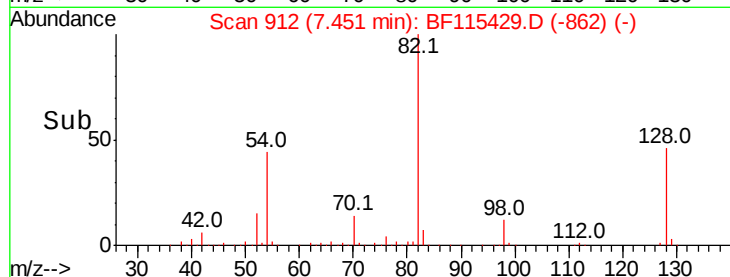
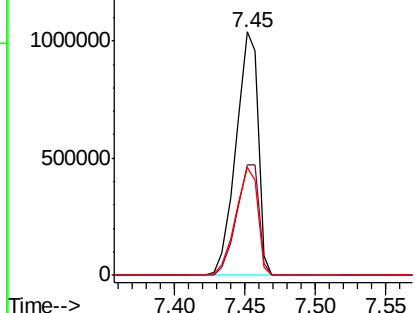
#23
Nitrobenzene-d5
Concen: 87.603 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF115429.D
Acq: 9 Jul 2019 2:04

Instrument :
BNA_F
ClientSampleId :
TRANSFORMER-T2

Tot Ion: 82 Resp: 1130861
Ion Ratio Lower Upper
82 100
128 45.5 35.7 53.5
54 44.4 36.3 54.5

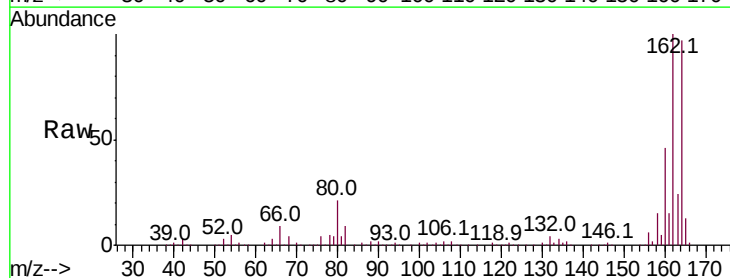


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

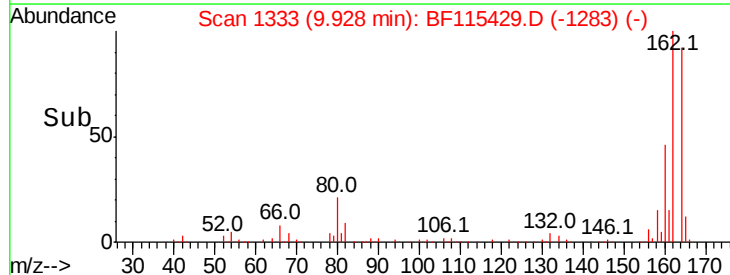
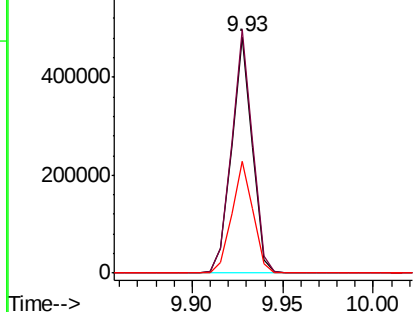


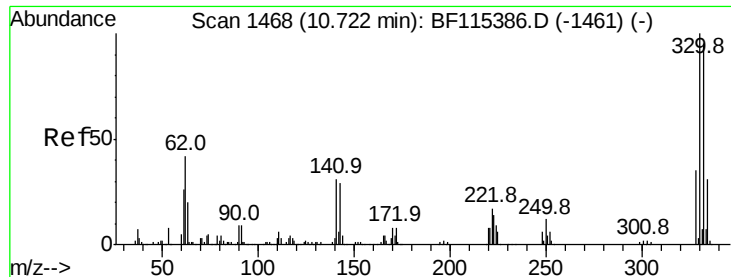
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF115429.D
Acq: 9 Jul 2019 2:04

Tgt Ion: 164 Resp: 382938
Ion Ratio Lower Upper
164 100
162 103.2 80.6 121.0
160 47.2 37.0 55.6



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

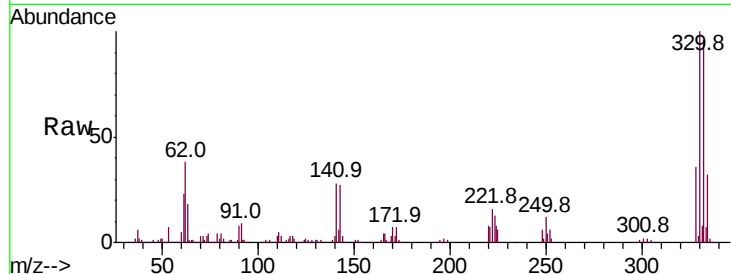




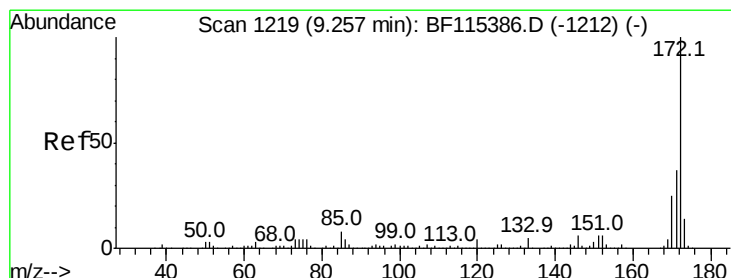
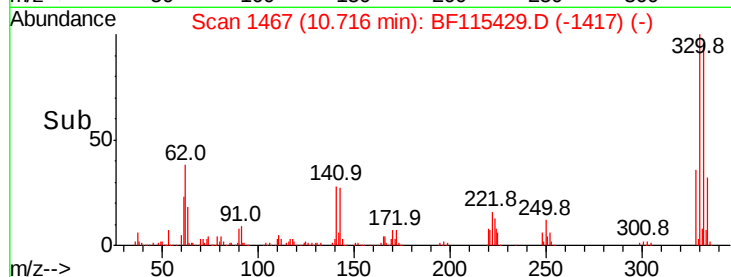
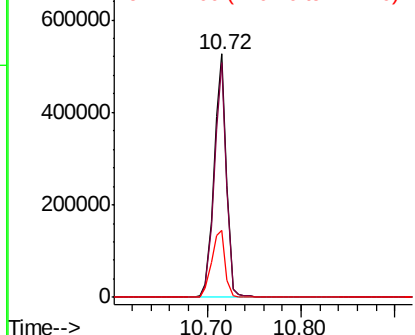
#42
 2,4,6-Tribromophenol
 Concen: 116.233 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF115429.D
 Acq: 9 Jul 2019 2:04

Instrument :
 BNA_F
 ClientSampleId :
 TRANSFORMER-T2

Tot Ion:330 Resp: 492132
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.3 114.5
 141 30.2 27.0 40.4

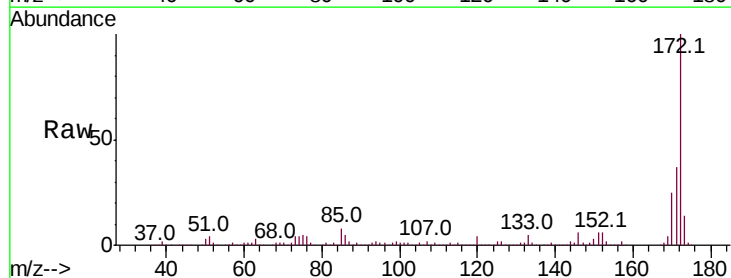


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

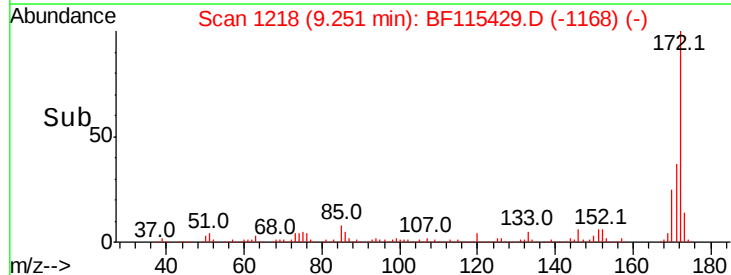
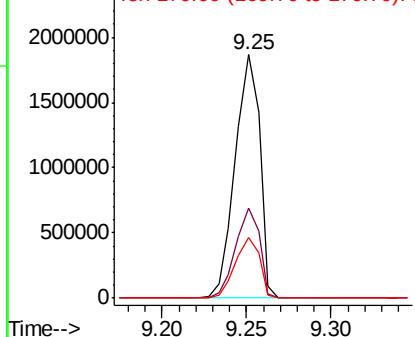


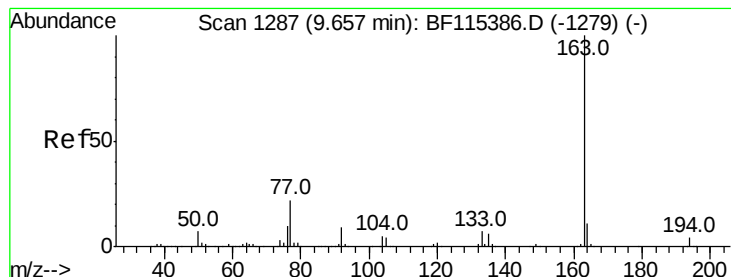
#45
 2-Fluorobiphenyl
 Concen: 87.010 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF115429.D
 Acq: 9 Jul 2019 2:04

Tgt Ion:172 Resp: 1898825
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.8 44.8
 170 25.0 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





#50

Dimethylphthalate

Concen: 8.344 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BF115429.D

Acq: 9 Jul 2019 2:04

Instrument :

BNA_F

ClientSampleId :

TRANSFORMER-T2

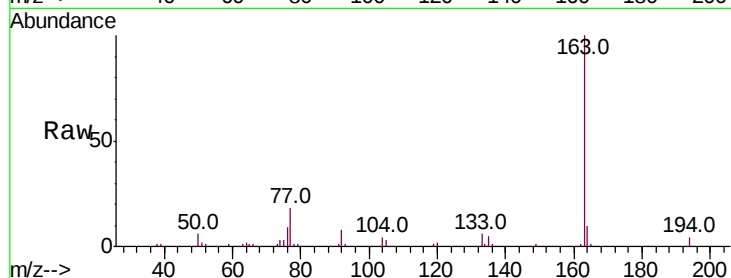
Tot Ion:163 Resp: 239826

Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

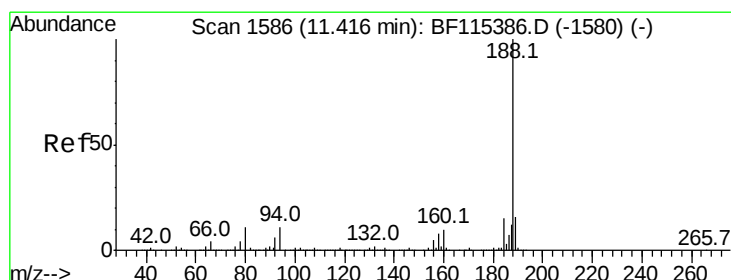
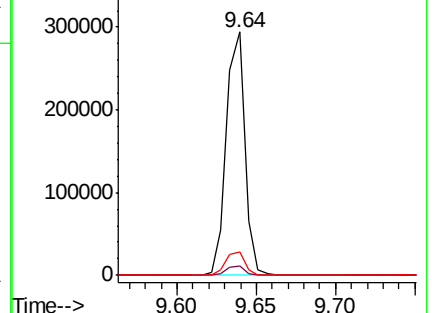
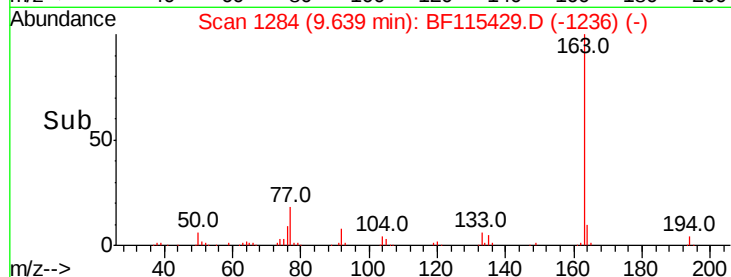
164 9.8 8.5 12.7



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: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF115429.D

Acq: 9 Jul 2019 2:04

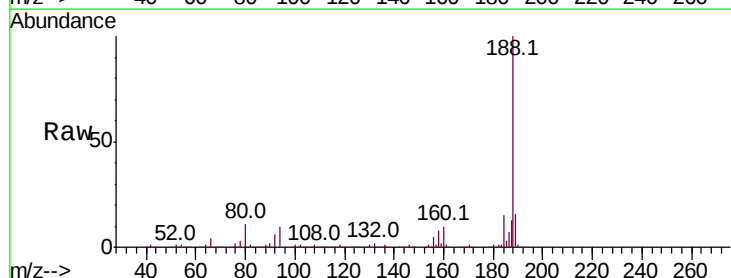
Tgt Ion:188 Resp: 744917

Ion Ratio Lower Upper

188 100

94 9.8 8.5 12.7

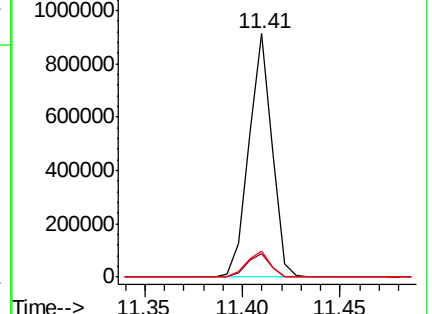
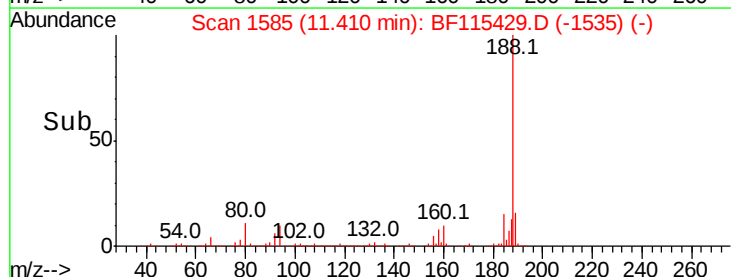
80 10.7 9.1 13.7

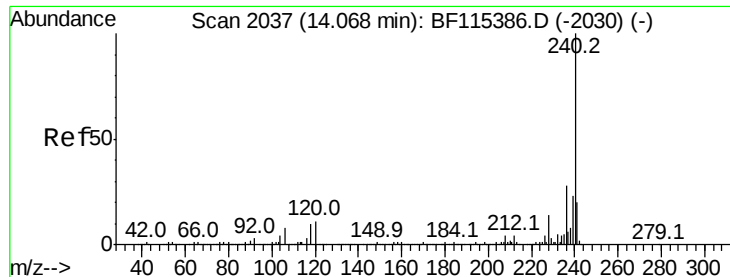


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.04 min Scan# 2032

Delta R.T. -0.03 min

Lab File: BF115429.D

Acq: 9 Jul 2019 2:04

Instrument :

BNA_F

ClientSampleId :

TRANSFORMER-T2

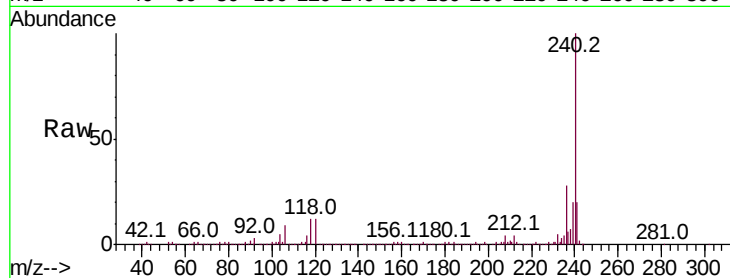
Tot Ion:240 Resp: 511533

Ion Ratio Lower Upper

240 100

120 12.4 9.1 13.7

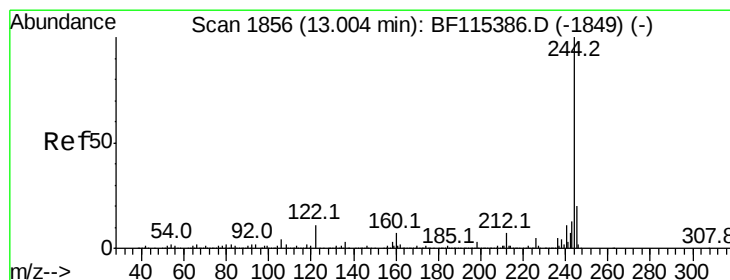
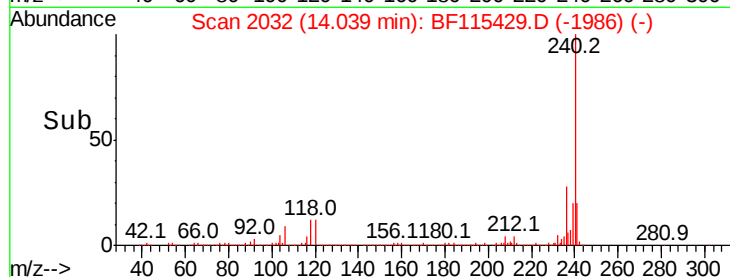
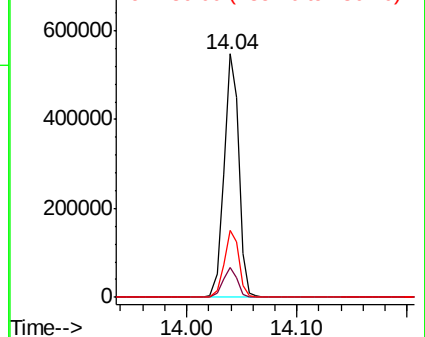
236 27.7 22.5 33.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79

Terphenyl-d14

Concen: 80.247 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BF115429.D

Acq: 9 Jul 2019 2:04

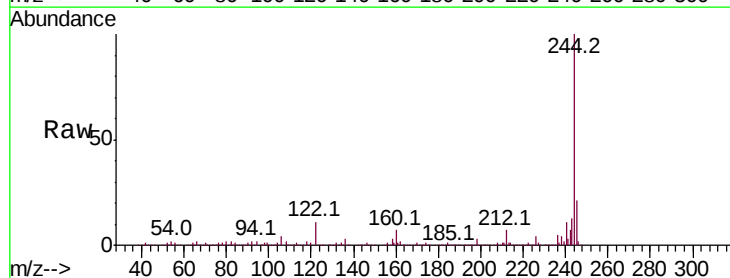
Tgt Ion:244 Resp: 2004817

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

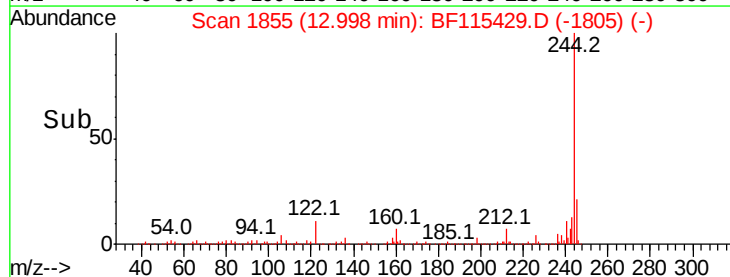
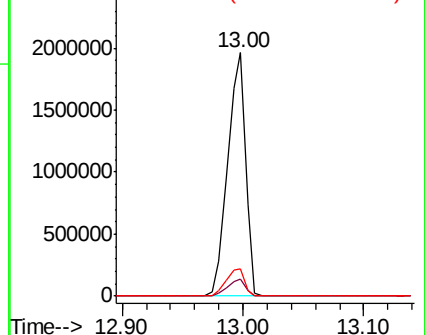
122 11.4 9.1 13.7

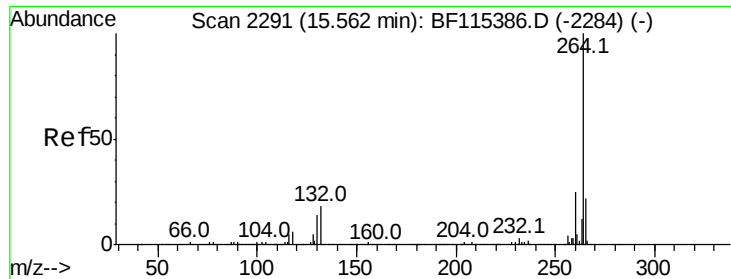


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.51 min Scan# 2282
 Delta R.T. -0.05 min
 Lab File: BF115429.D
 Acq: 9 Jul 2019 2:04

Instrument :
 BNA_F
 ClientSampleId :
 TRANSFORMER-T2

Tot Ion: 264 Resp: 552829
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.9 29.9
 265 22.5 17.4 26.2

