

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070819\
 Data File : BF115425.D
 Acq On : 9 Jul 2019 00:18
 Operator : HP/JU
 Sample : K3668-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRANSFORMER-T2

Quant Time: Jul 09 04:37:01 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

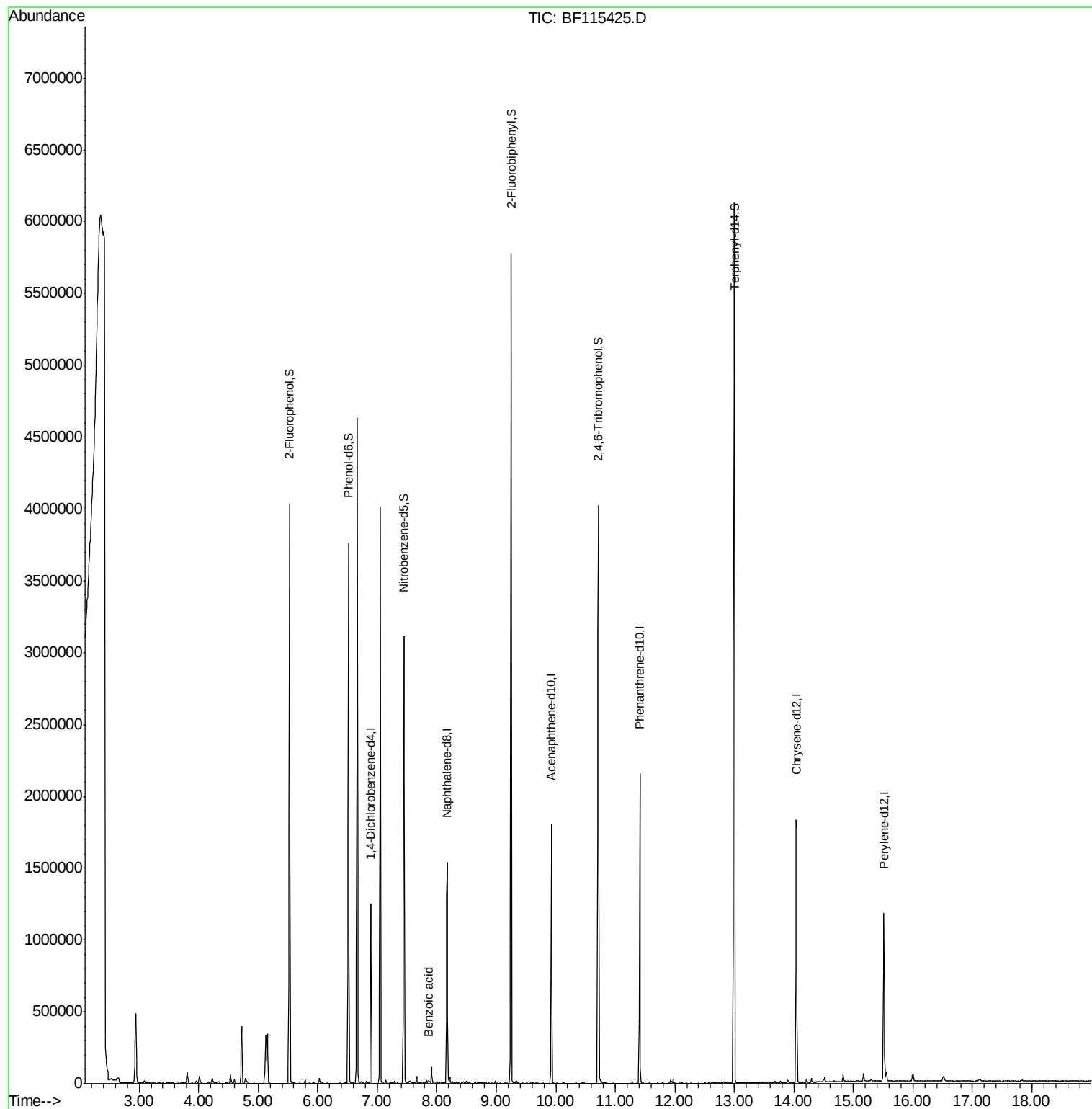
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	172631	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	670285	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	346054	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	732112	20.00	ng	0.00
76) Chrysene-d12	14.04	240	620539	20.00	ng	-0.03
87) Perylene-d12	15.52	264	598286	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1215814	108.81	ng	0.01
7) Phenol-d6	6.52	99	1388815	97.73	ng	0.00
23) Nitrobenzene-d5	7.45	82	1139354	100.43	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	587154	153.46	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1973432	100.07	ng	0.00
79) Terphenyl-d14	13.00	244	2700399	89.10	ng	0.00
Target Compounds						
32) Benzoic acid	7.85	122	5160	6.659	ng	Qvalue 96

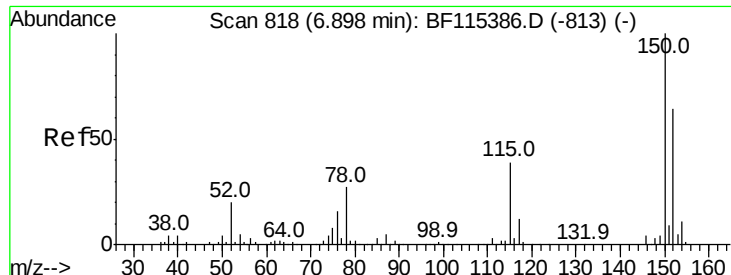
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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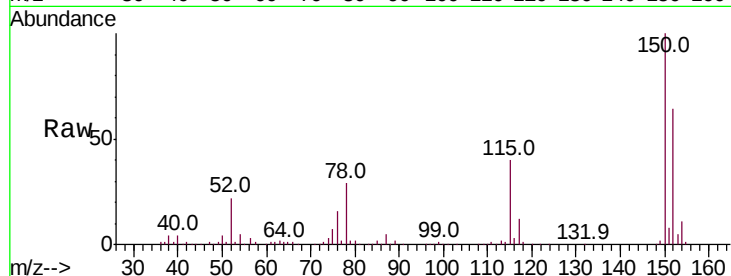


#1

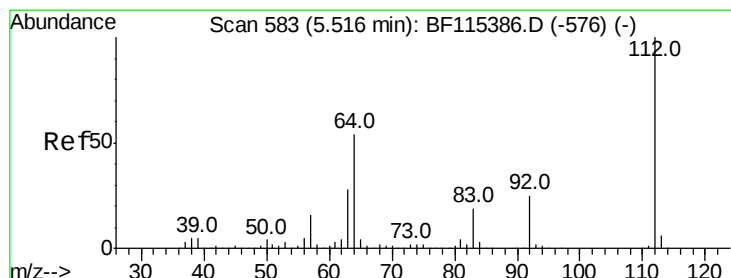
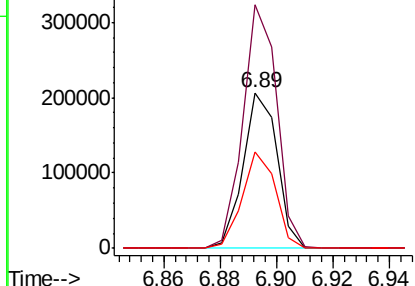
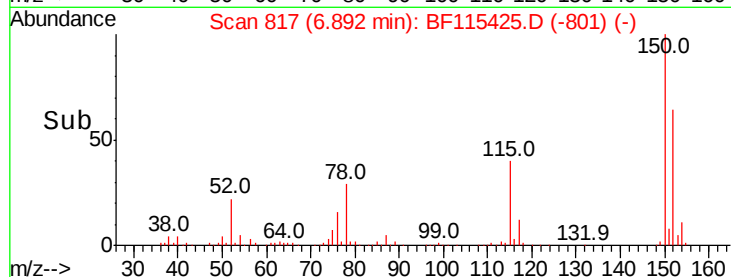
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF115425.D
Acq: 9 Jul 2019 00:18

Instrument :
BNA_F
ClientSampleId :
TRANSFORMER-T2

Tot Ion:152 Resp: 172631
Ion Ratio Lower Upper
152 100
150 156.5 124.7 187.1
115 62.0 48.1 72.1



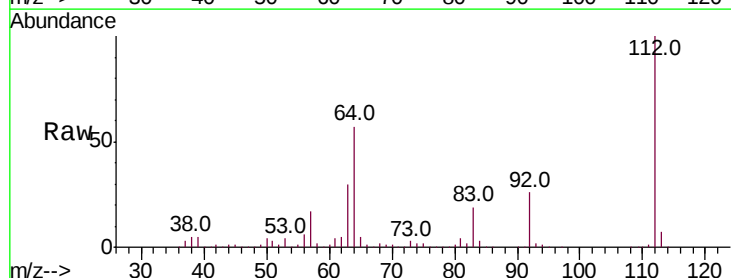
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



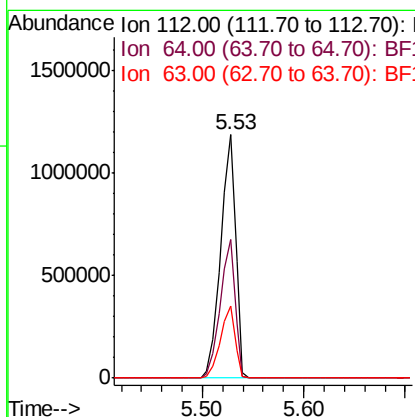
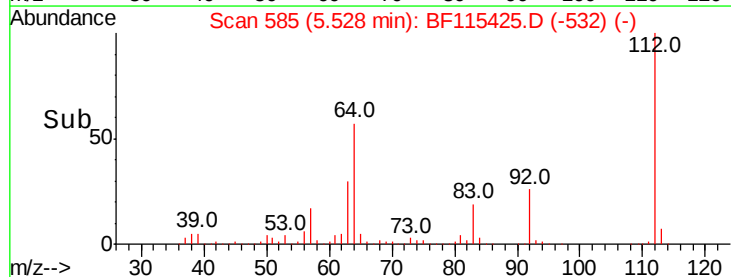
#5

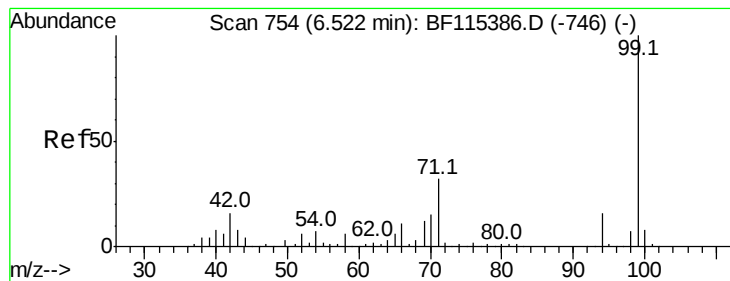
2-Fluorophenol
Concen: 108.814 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.01 min
Lab File: BF115425.D
Acq: 9 Jul 2019 00:18

Tgt Ion:112 Resp: 1215814
Ion Ratio Lower Upper
112 100
64 57.1 43.0 64.6
63 29.6 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: 97.734 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF115425.D

Acq: 9 Jul 2019 00:18

Instrument :

BNA_F

ClientSampleId :

TRANSFORMER-T2

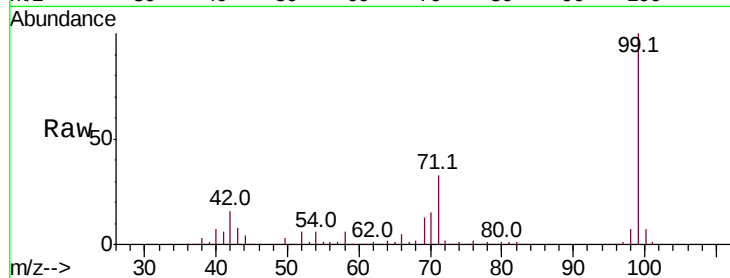
Tot Ion: 99 Resp: 1388815

Ion Ratio Lower Upper

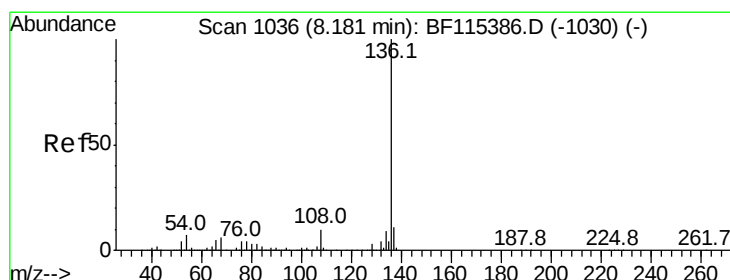
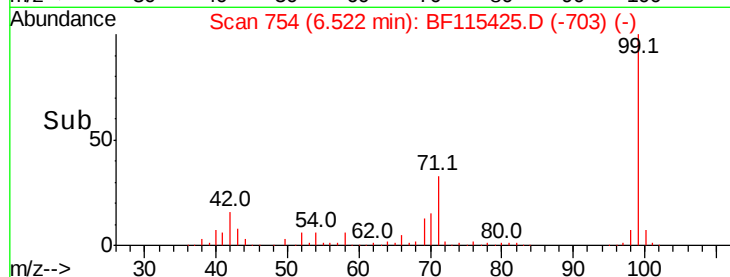
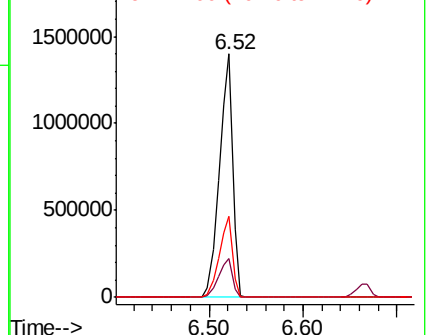
99 100

42 16.0 13.1 19.7

71 33.1 25.9 38.9



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: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF115425.D

Acq: 9 Jul 2019 00:18

Tgt Ion: 136 Resp: 670285

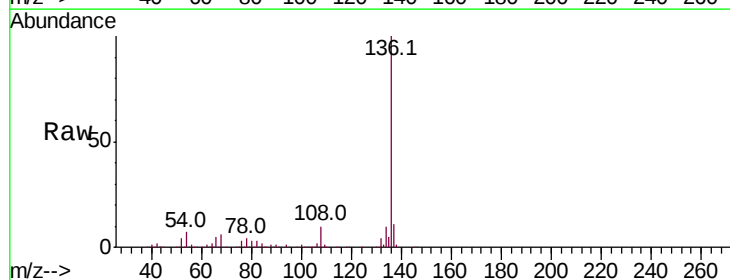
Ion Ratio Lower Upper

136 100

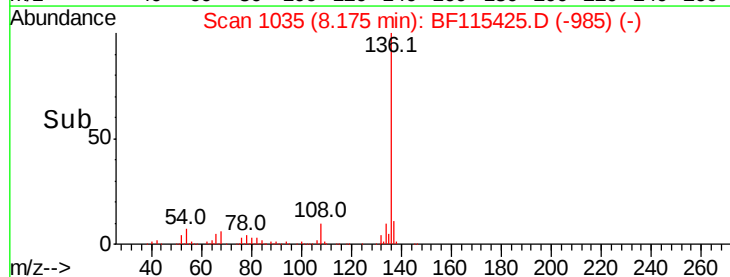
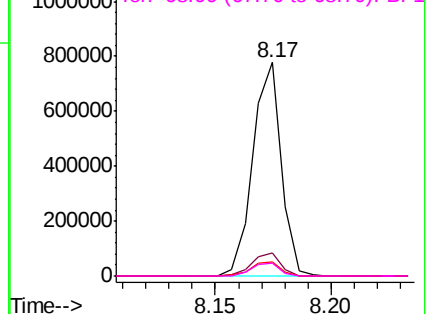
137 10.9 8.9 13.3

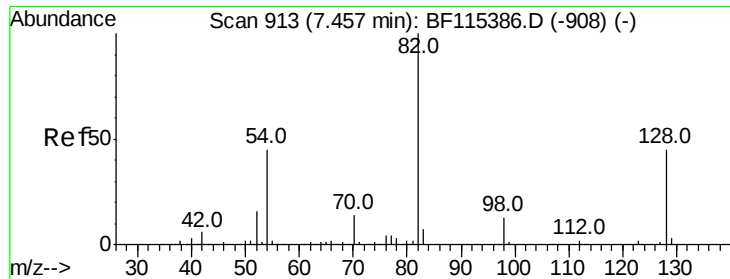
54 6.6 5.6 8.4

68 5.8 4.9 7.3



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

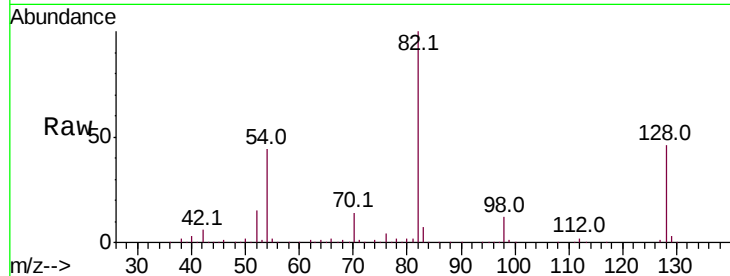




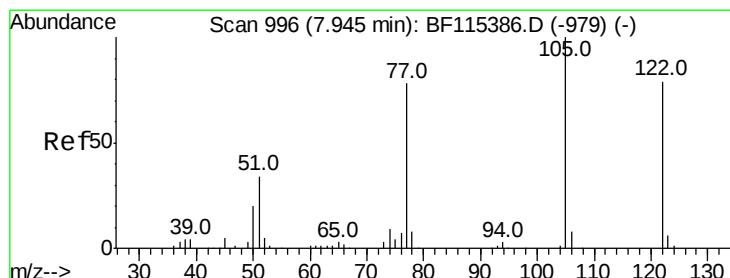
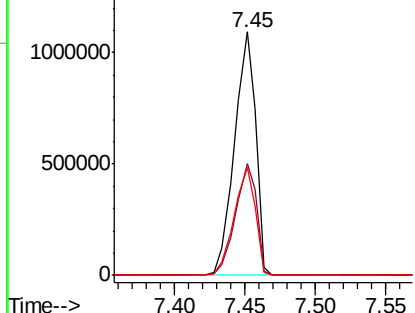
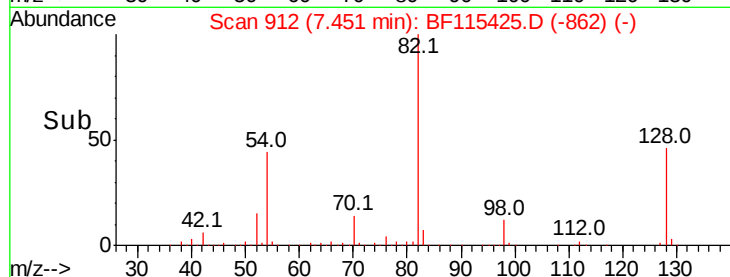
#23
 Nitrobenzene-d5
 Concen: 100.430 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF115425.D
 Acq: 9 Jul 2019 00:18

Instrument :
 BNA_F
 ClientSampleId :
 TRANSFORMER-T2

Tot Ion: 82 Resp: 1139354
 Ion Ratio Lower Upper
 82 100
 128 45.7 35.7 53.5
 54 44.3 36.3 54.5

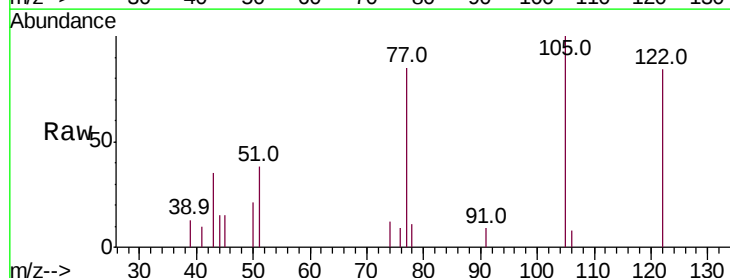


Abundance Ion 82.00 (81.70 to 82.70): BF1
 1500000
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

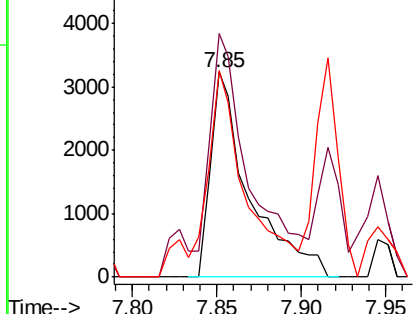
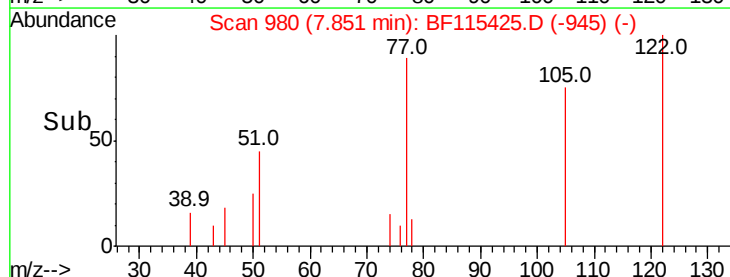


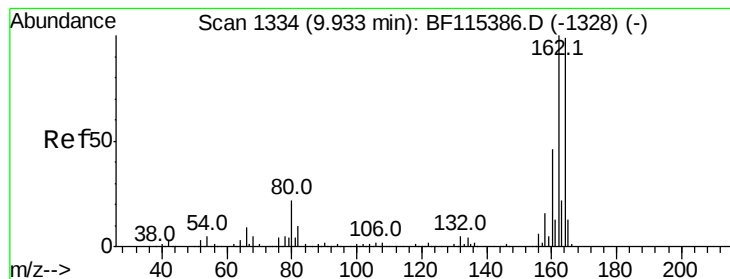
#32
 Benzoic acid
 Concen: 6.659 ng
 RT: 7.85 min Scan# 980
 Delta R.T. -0.09 min
 Lab File: BF115425.D
 Acq: 9 Jul 2019 00:18

Tgt Ion:122 Resp: 5160
 Ion Ratio Lower Upper
 122 100
 105 118.7 105.1 145.1
 77 100.7 77.8 117.8



Abundance Ion 122.00 (121.70 to 122.70): BF1
 5000
 Ion 105.00 (104.70 to 105.70): BF1
 Ion 77.00 (76.70 to 77.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF115425.D

Acq: 9 Jul 2019 00:18

Instrument :

BNA_F

ClientSampleId :

TRANSFORMER-T2

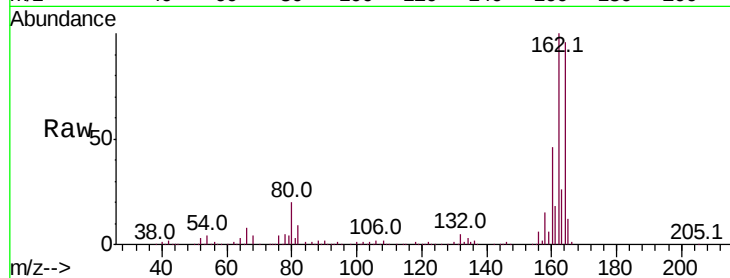
Tot Ion:164 Resp: 346054

Ion Ratio Lower Upper

164 100

162 103.8 80.6 121.0

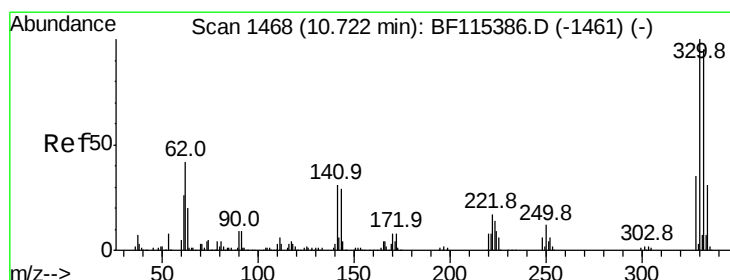
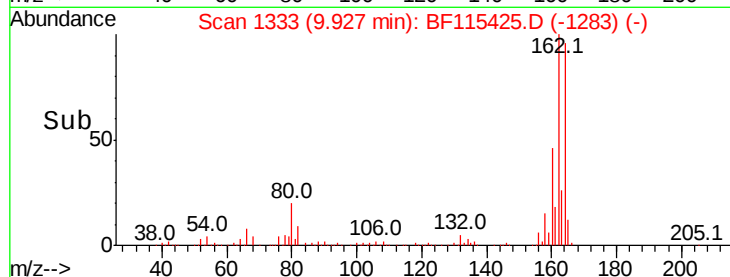
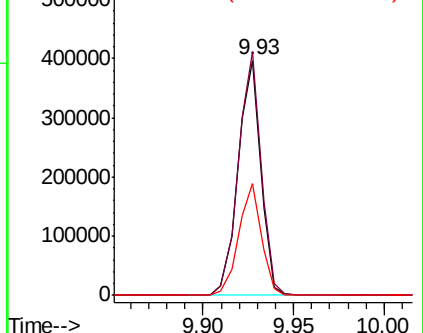
160 47.7 37.0 55.6



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: 153.456 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BF115425.D

Acq: 9 Jul 2019 00:18

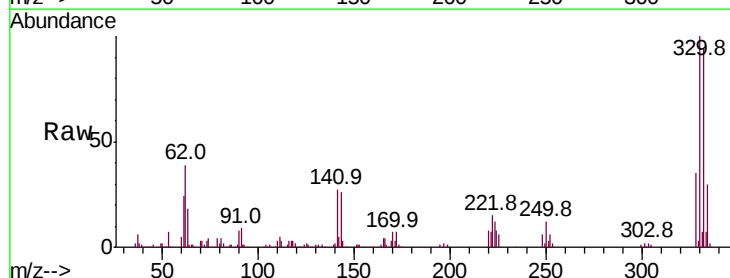
Tgt Ion:330 Resp: 587154

Ion Ratio Lower Upper

330 100

332 95.0 76.3 114.5

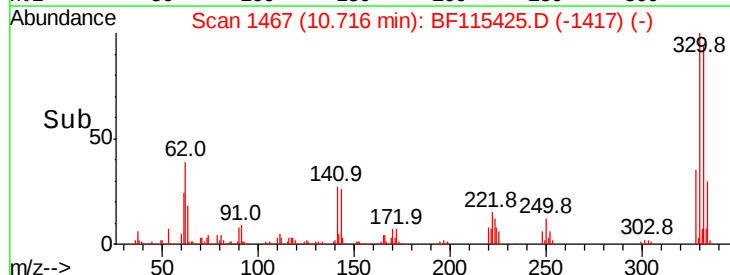
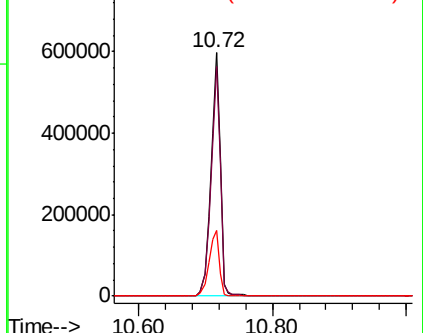
141 29.6 27.0 40.4

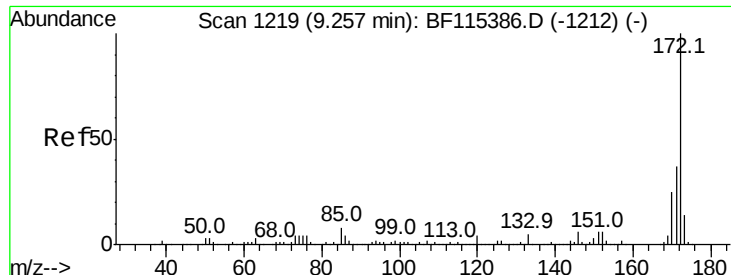


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



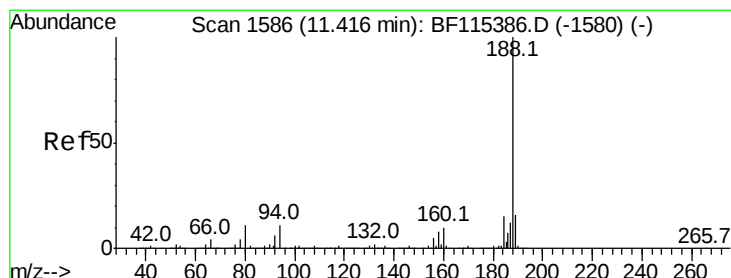
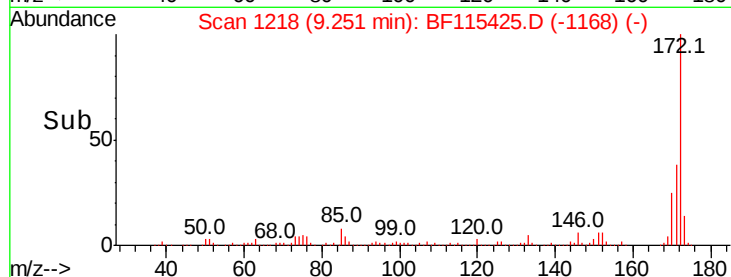
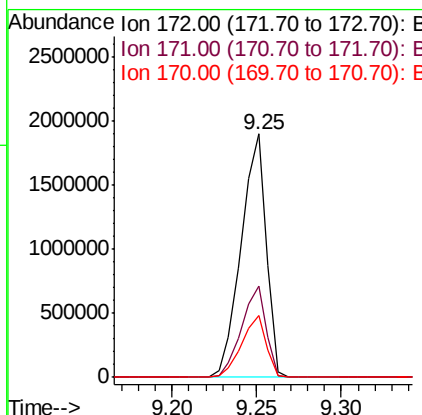
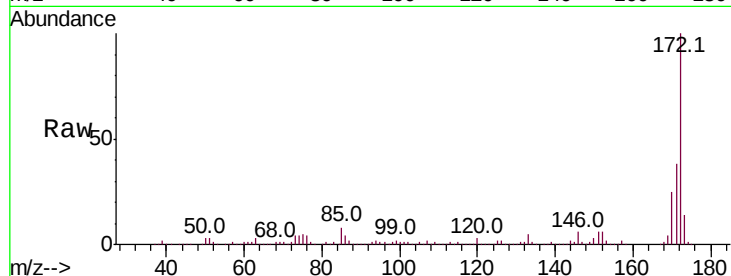


#45
 2-Fluorobiphenyl
 Concen: 100.068 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF115425.D
 Acq: 9 Jul 2019 00:18

Instrument :
 BNA_F
 ClientSampleId :
 TRANSFORMER-T2

Tot Ion:172 Resp: 1973432

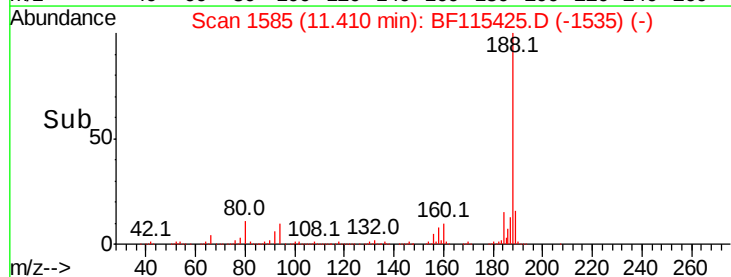
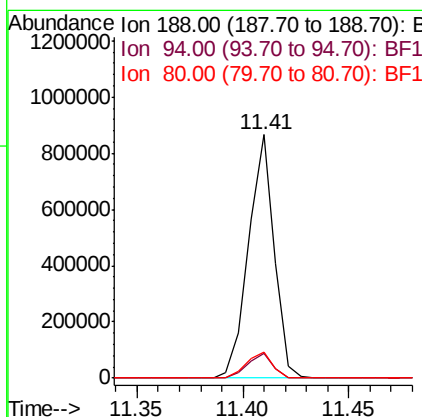
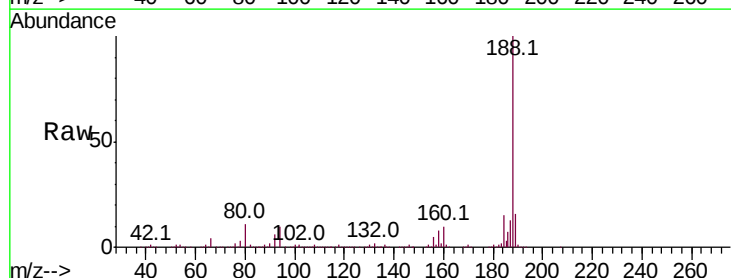
Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.8	44.8
170	25.3	20.2	30.4

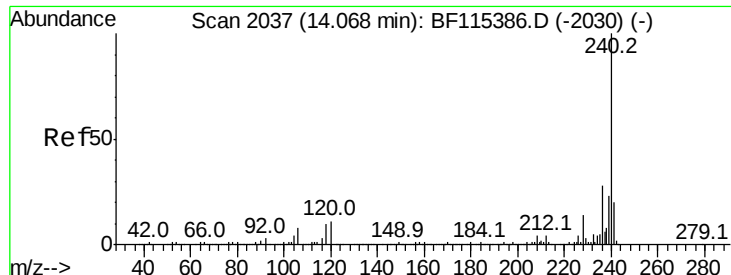


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: BF115425.D
 Acq: 9 Jul 2019 00:18

Tgt Ion:188 Resp: 732112

Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.5	12.7
80	10.7	9.1	13.7

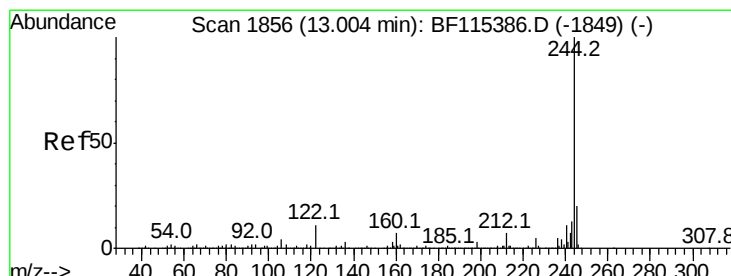
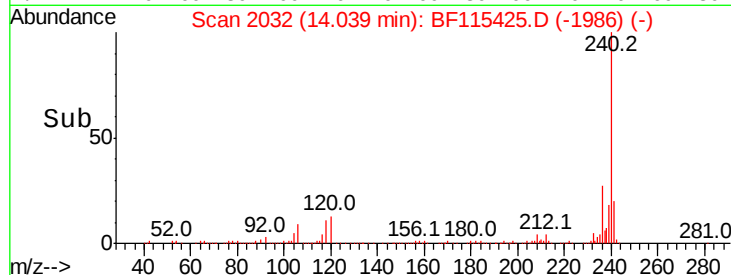
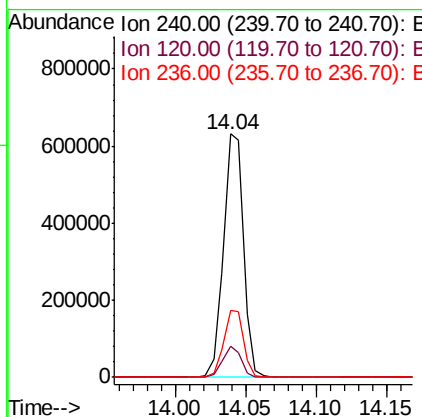
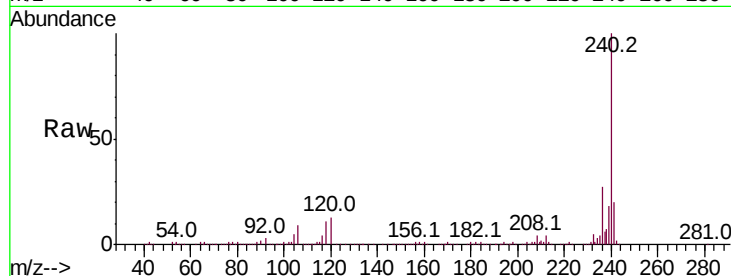




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.03 min
 Lab File: BF115425.D
 Acq: 9 Jul 2019 00:18

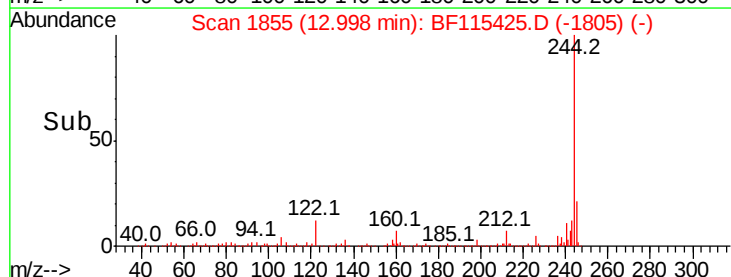
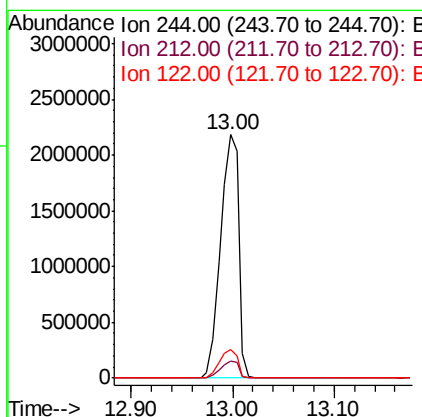
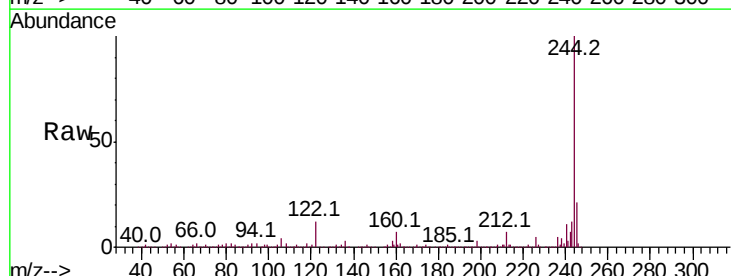
Instrument :
 BNA_F
 ClientSampleId :
 TRANSFORMER-T2

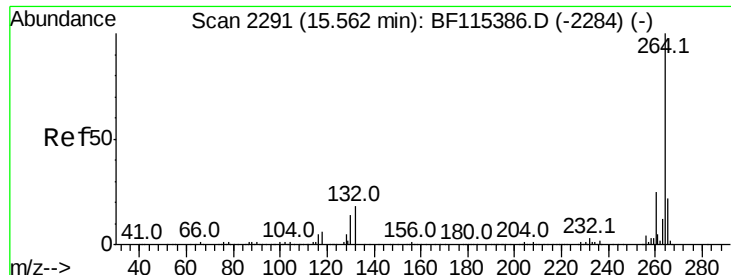
Tot Ion:240 Resp: 620539
 Ion Ratio Lower Upper
 240 100
 120 12.7 9.1 13.7
 236 27.5 22.5 33.7



#79
 Terphenyl-d14
 Concen: 89.101 ng
 RT: 13.00 min Scan# 1855
 Delta R.T. -0.01 min
 Lab File: BF115425.D
 Acq: 9 Jul 2019 00:18

Tgt Ion:244 Resp: 2700399
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.7 8.5
 122 11.7 9.1 13.7

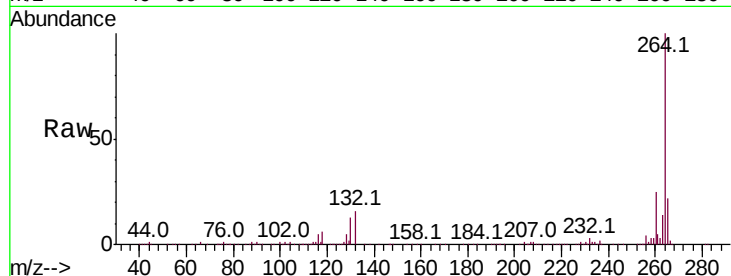




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2283
 Delta R.T. -0.05 min
 Lab File: BF115425.D
 Acq: 9 Jul 2019 00:18

Instrument :
 BNA_F
 ClientSampleId :
 TRANSFORMER-T2

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.9	29.9
265	22.3	17.4	26.2



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

