

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071019\
 Data File : BF115468.D
 Acq On : 10 Jul 2019 21:16
 Operator : HP/JU
 Sample : K3626-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-070919-B

Quant Time: Jul 11 04:48:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 10 16:47:05 2019
 Response via : Initial Calibration

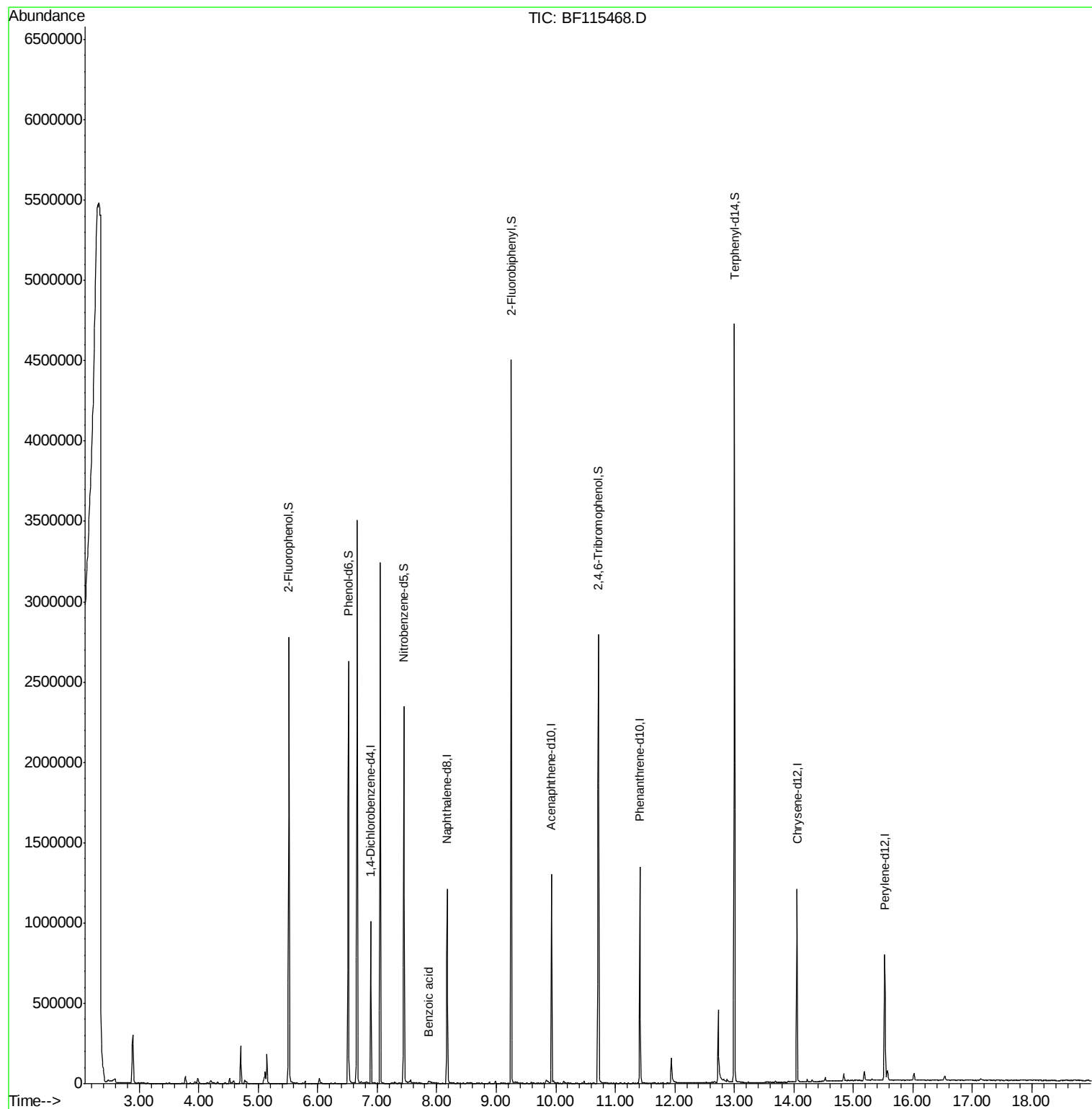
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	131739	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	500754	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	253752	20.00	ng	-0.01
64) Phenanthrene-d10	11.42	188	506427	20.00	ng	0.00
76) Chrysene-d12	14.05	240	373641	20.00	ng	-0.02
87) Perylene-d12	15.53	264	358179	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	869033	101.92	ng	0.00
7) Phenol-d6	6.52	99	1015745	93.67	ng	0.00
23) Nitrobenzene-d5	7.45	82	773047	91.21	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	369113	131.56	ng	-0.01
45) 2-Fluorobiphenyl	9.25	172	1414033	97.78	ng	0.00
79) Terphenyl-d14	13.00	244	1676533	91.87	ng	0.00
Target Compounds						
32) Benzoic acid	7.86	122	9529	7.566	ng	Qvalue 92

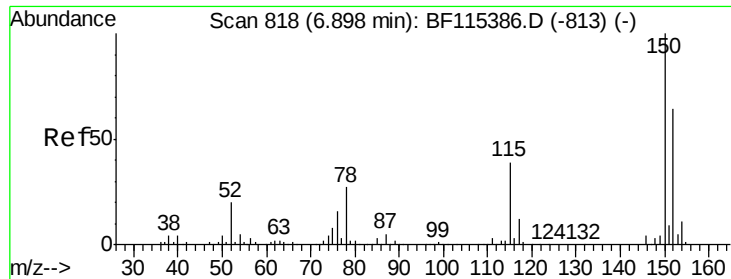
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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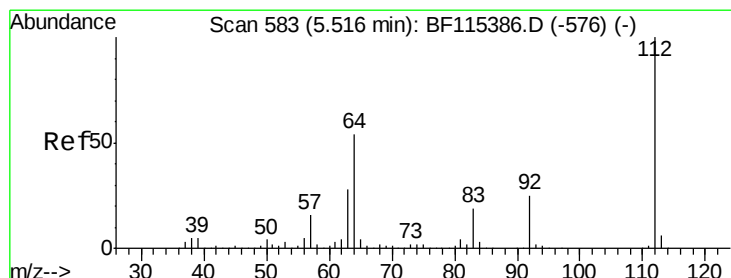
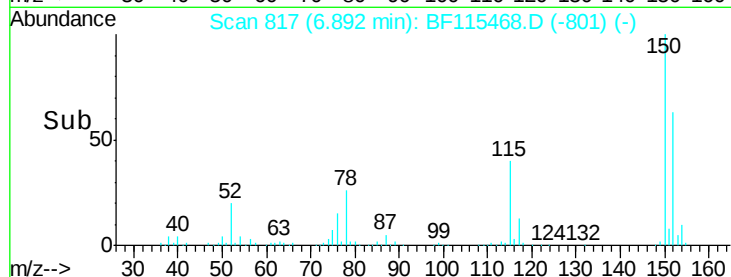
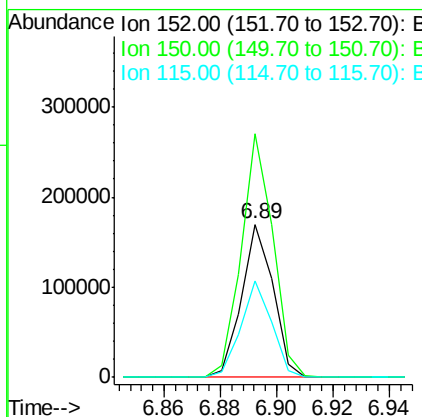
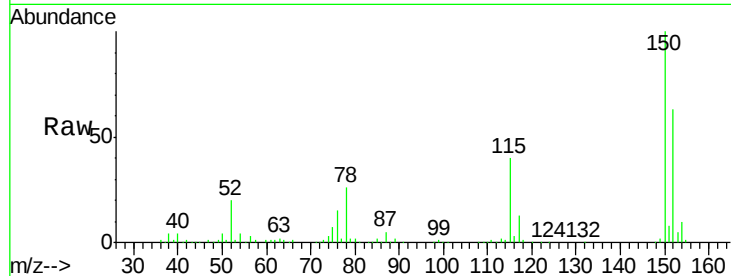


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF115468.D
Acq: 10 Jul 2019 21:16

Instrument :
BNA_F
ClientSampleId :
SU-02-070919-B

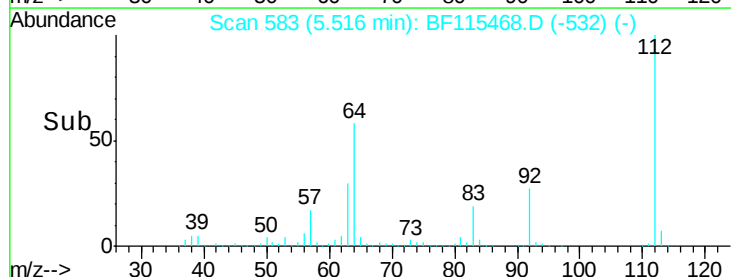
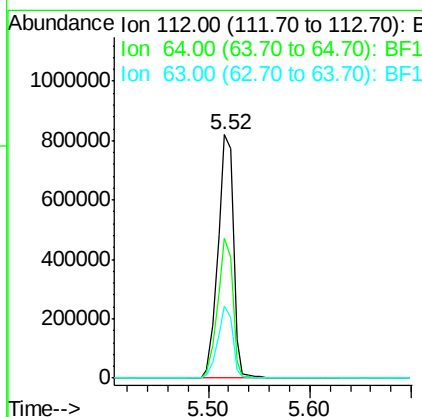
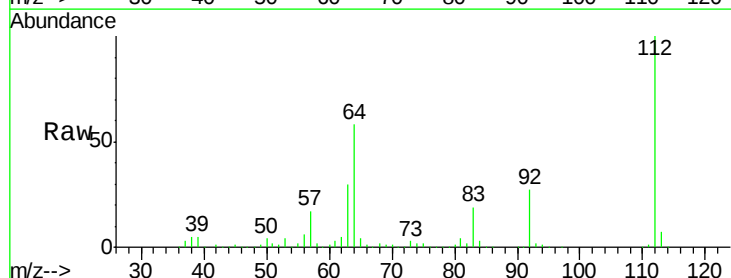
Tgt Ion:152 Resp: 131739
Ion Ratio Lower Upper
152 100
150 159.2 127.4 191.2
115 63.2 46.2 69.4

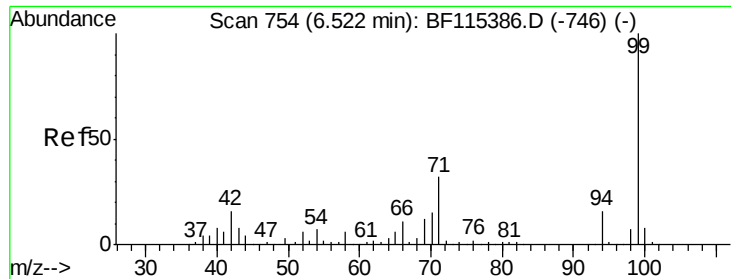


#5

2-Fluorophenol
Concen: 101.920 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.00 min
Lab File: BF115468.D
Acq: 10 Jul 2019 21:16

Tgt Ion:112 Resp: 869033
Ion Ratio Lower Upper
112 100
64 57.6 44.2 66.2
63 29.7 22.1 33.1





#7

Phenol-d6

Concen: 93.668 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF115468.D

Acq: 10 Jul 2019 21:16

Instrument :

BNA_F

ClientSampleId :

SU-02-070919-B

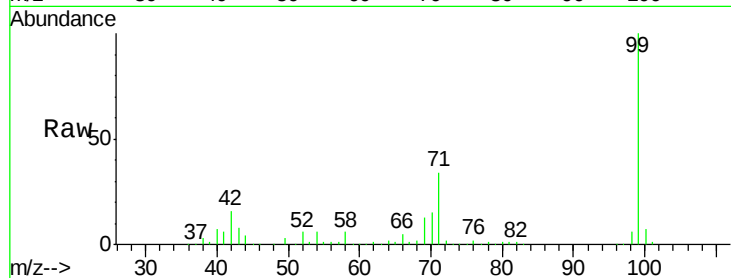
Tgt Ion: 99 Resp: 1015745

Ion Ratio Lower Upper

99 100

42 16.0 12.8 19.2

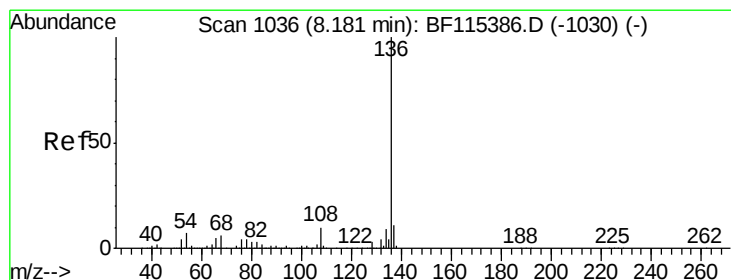
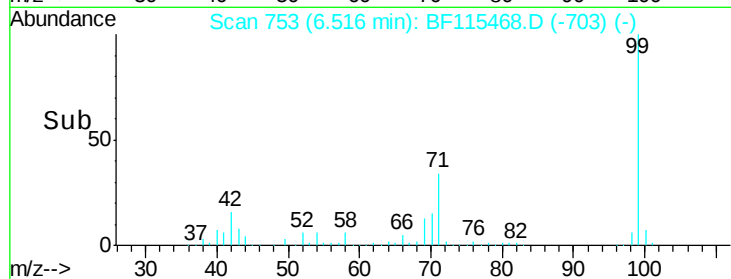
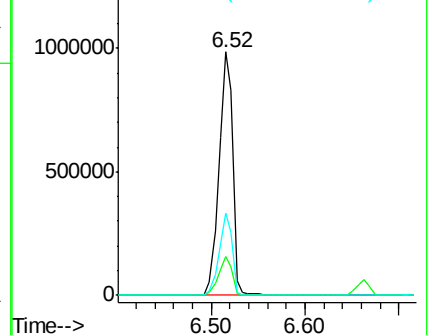
71 33.8 26.5 39.7



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: BF115468.D

Acq: 10 Jul 2019 21:16

Tgt Ion: 136 Resp: 500754

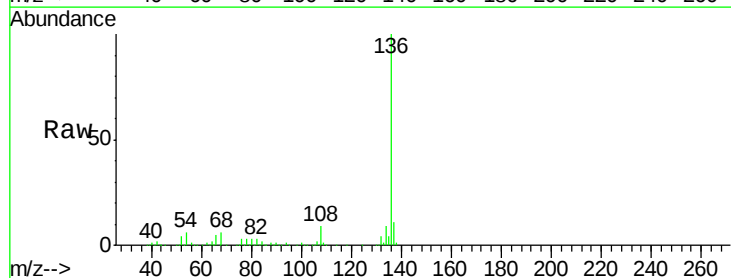
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 6.4 5.4 8.0

68 6.1 4.8 7.2

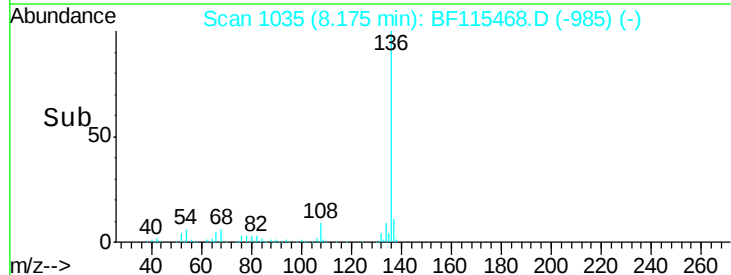
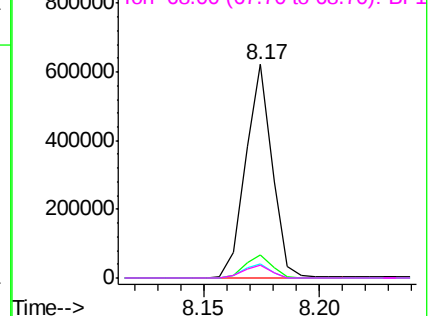


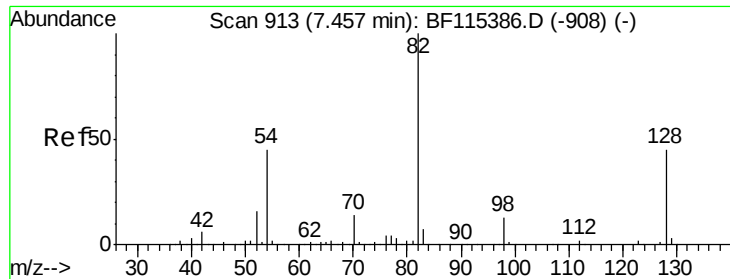
Abundance Ion 136.00 (135.70 to 136.70): E

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

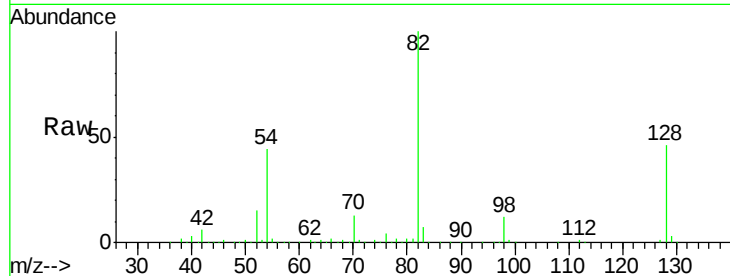




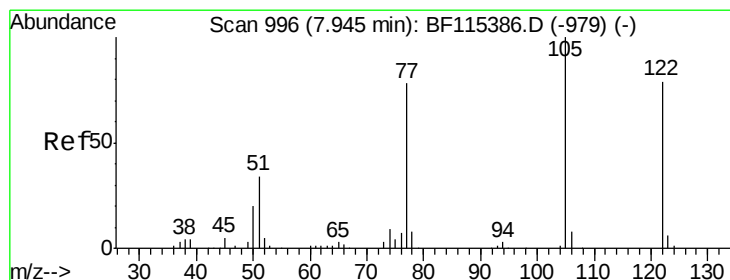
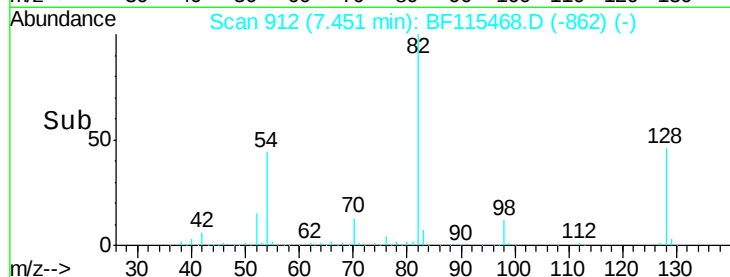
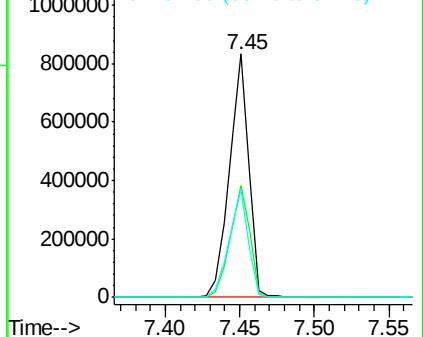
#23
Nitrobenzene-d5
Concen: 91.211 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF115468.D
Acq: 10 Jul 2019 21:16

Instrument :
BNA_F
ClientSampleId :
SU-02-070919-B

Tgt Ion: 82 Resp: 773047
Ion Ratio Lower Upper
82 100
128 46.1 36.7 55.1
54 44.1 35.6 53.4

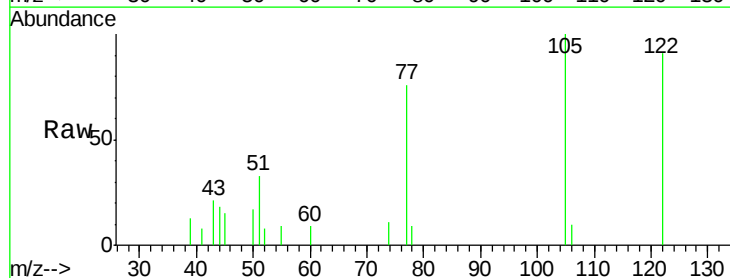


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

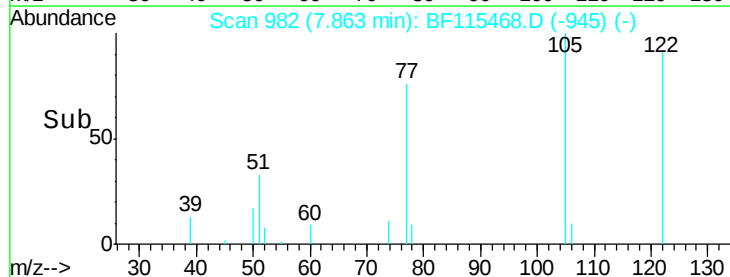
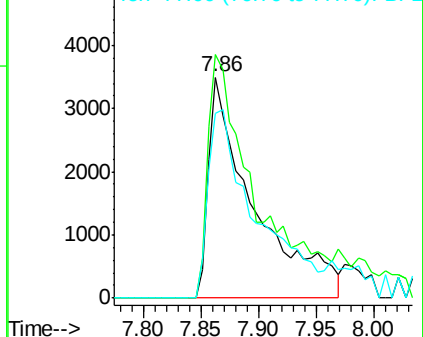


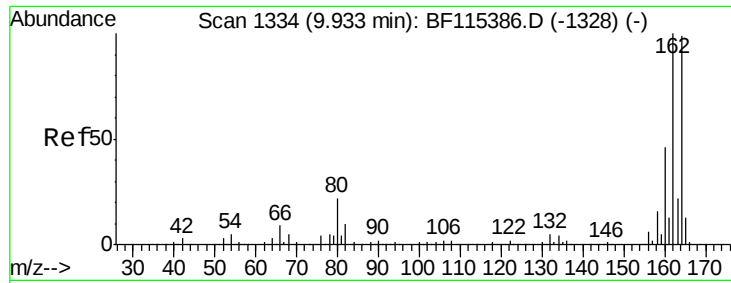
#32
Benzoic acid
Concen: 7.566 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.08 min
Lab File: BF115468.D
Acq: 10 Jul 2019 21:16

Tgt Ion: 122 Resp: 9529
Ion Ratio Lower Upper
122 100
105 110.3 101.6 141.6
77 83.7 69.1 109.1



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

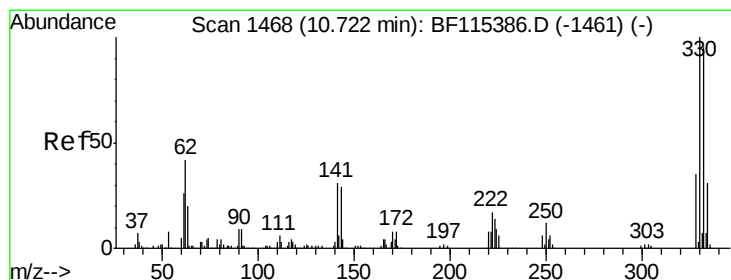
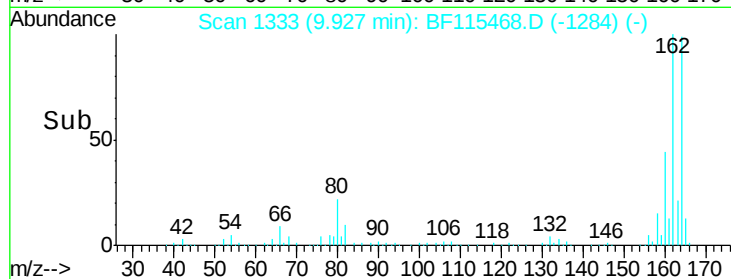
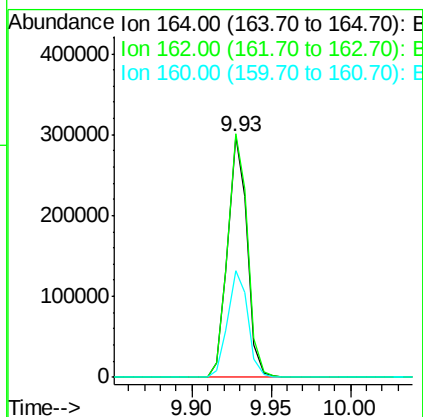
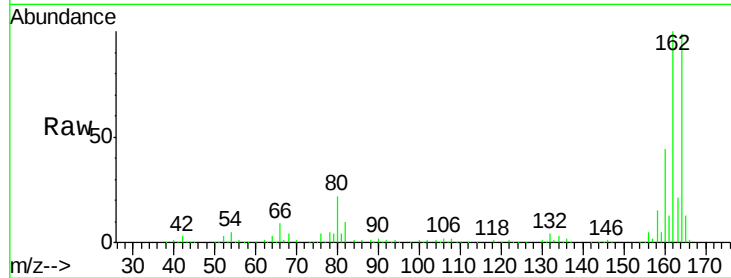




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF115468.D
 Acq: 10 Jul 2019 21:16

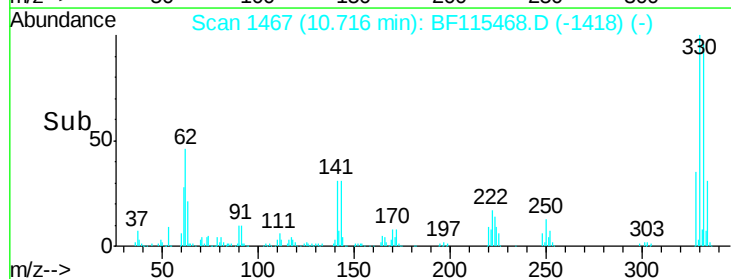
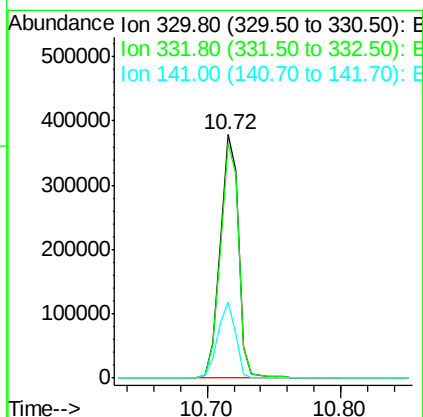
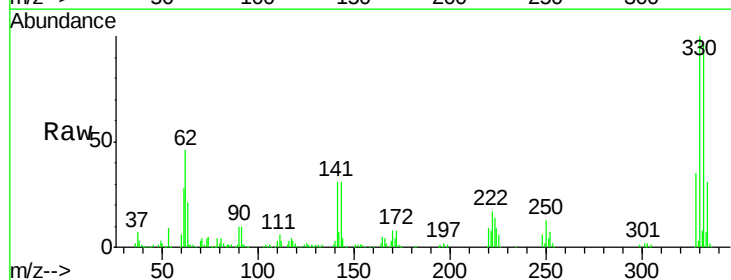
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 SU-02-070919-B

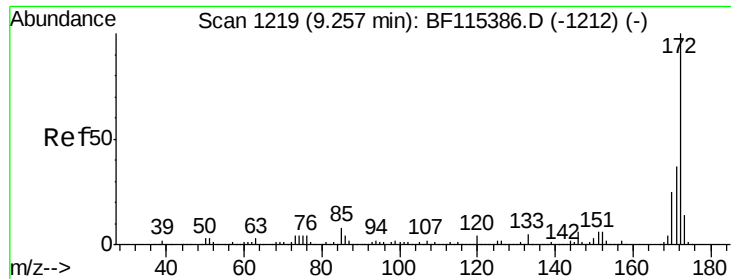
Tgt Ion:164 Resp: 253752
 Ion Ratio Lower Upper
 164 100
 162 101.1 82.3 123.5
 160 44.2 37.2 55.8



#42
 2,4,6-Tribromophenol
 Concen: 131.560 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF115468.D
 Acq: 10 Jul 2019 21:16

Tgt Ion:330 Resp: 369113
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.4 116.0
 141 30.7 24.7 37.1

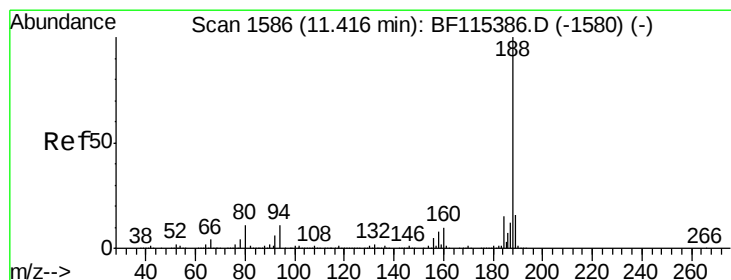
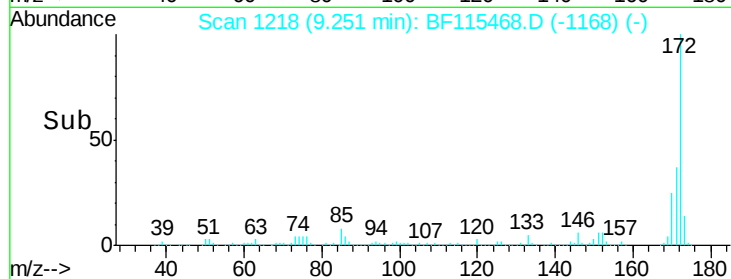
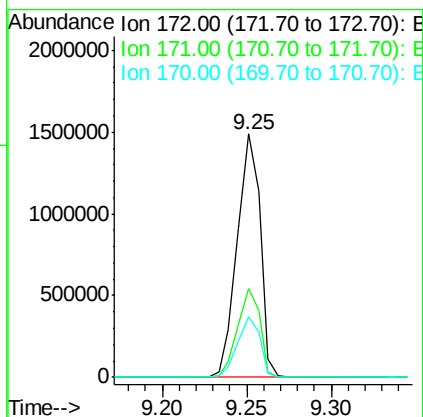
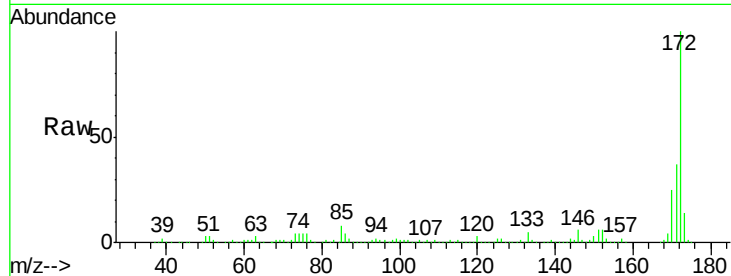




#45
 2-Fluorobiphenyl
 Concen: 97.783 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF115468.D
 Acq: 10 Jul 2019 21:16

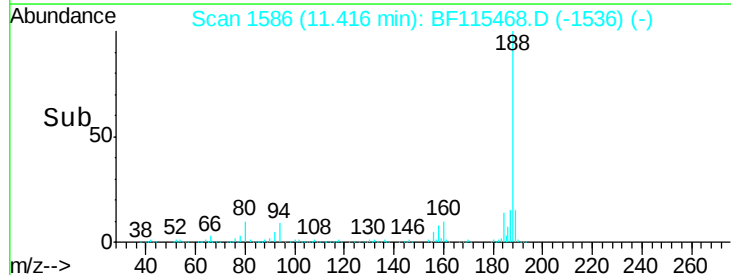
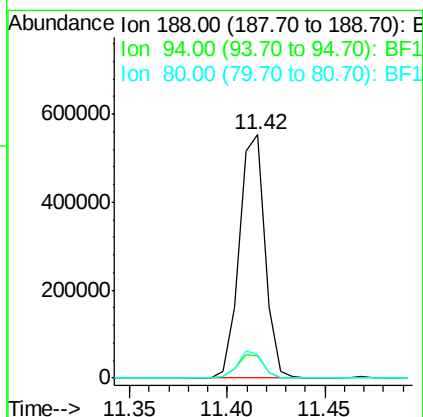
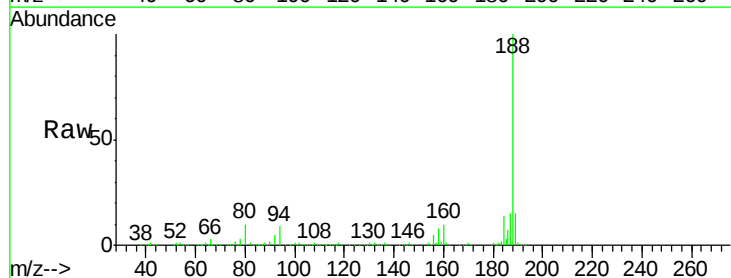
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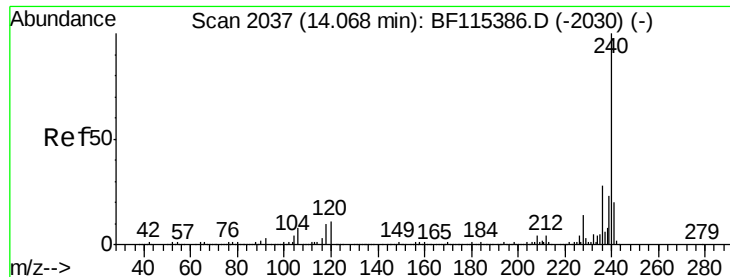
Tgt Ion:172 Resp: 1414033
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.8 44.8
 170 24.9 20.0 30.0



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.01 min
 Lab File: BF115468.D
 Acq: 10 Jul 2019 21:16

Tgt Ion:188 Resp: 506427
 Ion Ratio Lower Upper
 188 100
 94 9.1 7.8 11.8
 80 9.6 8.4 12.6

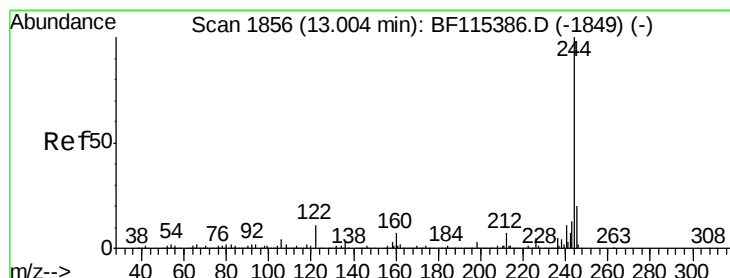
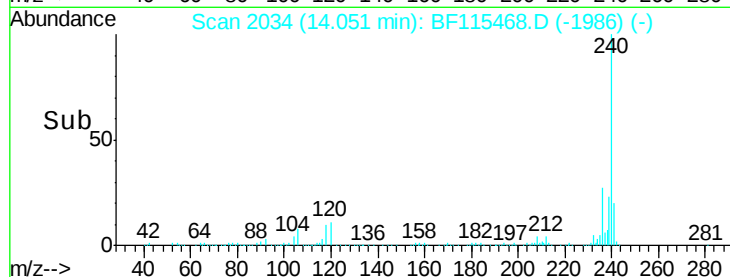
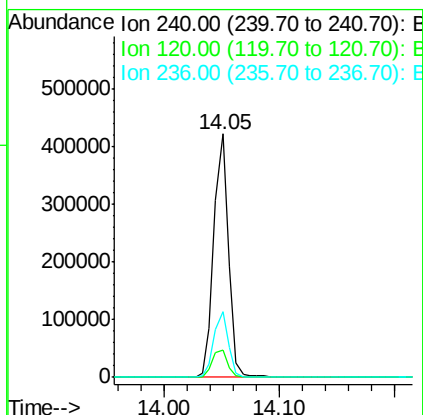
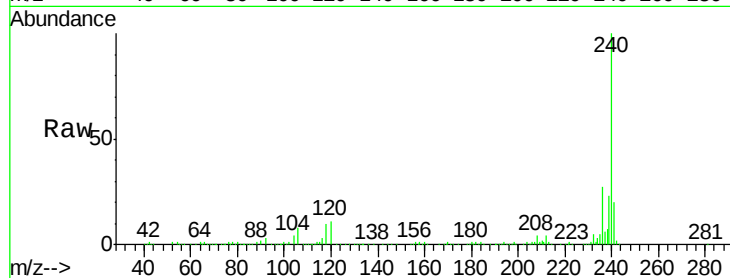




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.02 min
Lab File: BF115468.D
Acq: 10 Jul 2019 21:16

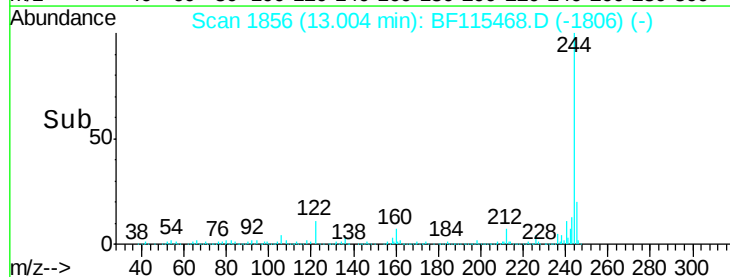
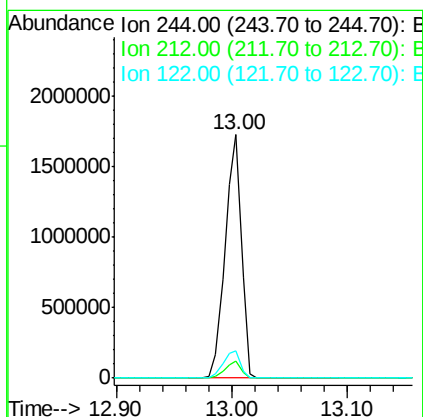
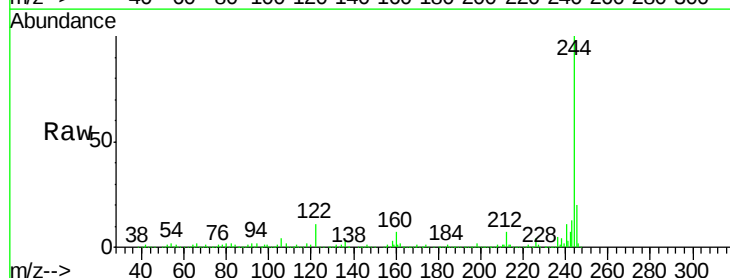
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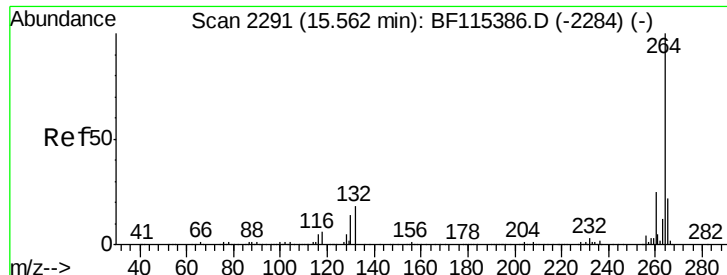
Tgt Ion:240 Resp: 373641
Ion Ratio Lower Upper
240 100
120 11.2 10.2 15.4
236 27.1 21.1 31.7



#79
Terphenyl-d14
Concen: 91.872 ng
RT: 13.00 min Scan# 1856
Delta R.T. -0.01 min
Lab File: BF115468.D
Acq: 10 Jul 2019 21:16

Tgt Ion:244 Resp: 1676533
Ion Ratio Lower Upper
244 100
212 7.0 5.7 8.5
122 11.4 9.1 13.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2285
Delta R.T. -0.04 min
Lab File: BF115468.D
Acq: 10 Jul 2019 21:16

Instrument :
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SU-02-070919-B

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	20.1	30.1
265	21.9	17.8	26.6

