

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040519\
 Data File : BF113618.D
 Acq On : 5 Apr 2019 15:52
 Operator : JU/SJ
 Sample : K2234-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSSI-0401-S-DH-3

Manual Integrations
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Sohil
 4/8/2019 9:48:13 AM

Quant Time: Apr 05 16:22:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 05 14:02:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	132755	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	491405	20.00	ng	0.00
39) Acenaphthene-d10	9.71	164	217614	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	361720	20.00	ng	-0.01
76) Chrysene-d12	13.82	240	299816	20.00	ng	-0.01
87) Perylene-d12	15.23	264	203052	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	753907	96.84	ng	0.00
7) Phenol-d6	6.34	99	1008498	105.10	ng	0.00
23) Nitrobenzene-d5	7.25	82	585555	69.80	ng	-0.01
42) 2,4,6-Tribromophenol	10.50	330	229713	87.88	ng	-0.01
45) 2-Fluorobiphenyl	9.04	172	936997	69.32	ng	0.00
79) Terphenyl-d14	12.77	244	695653	47.24	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.43	163	107291	6.689	ng	99
88) Benzo(b)fluoranthene	14.83	252	33089m	2.662	ng	
92) Benzo(g,h,i)perylene	17.00	276	21904	2.078	ng	# 89

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

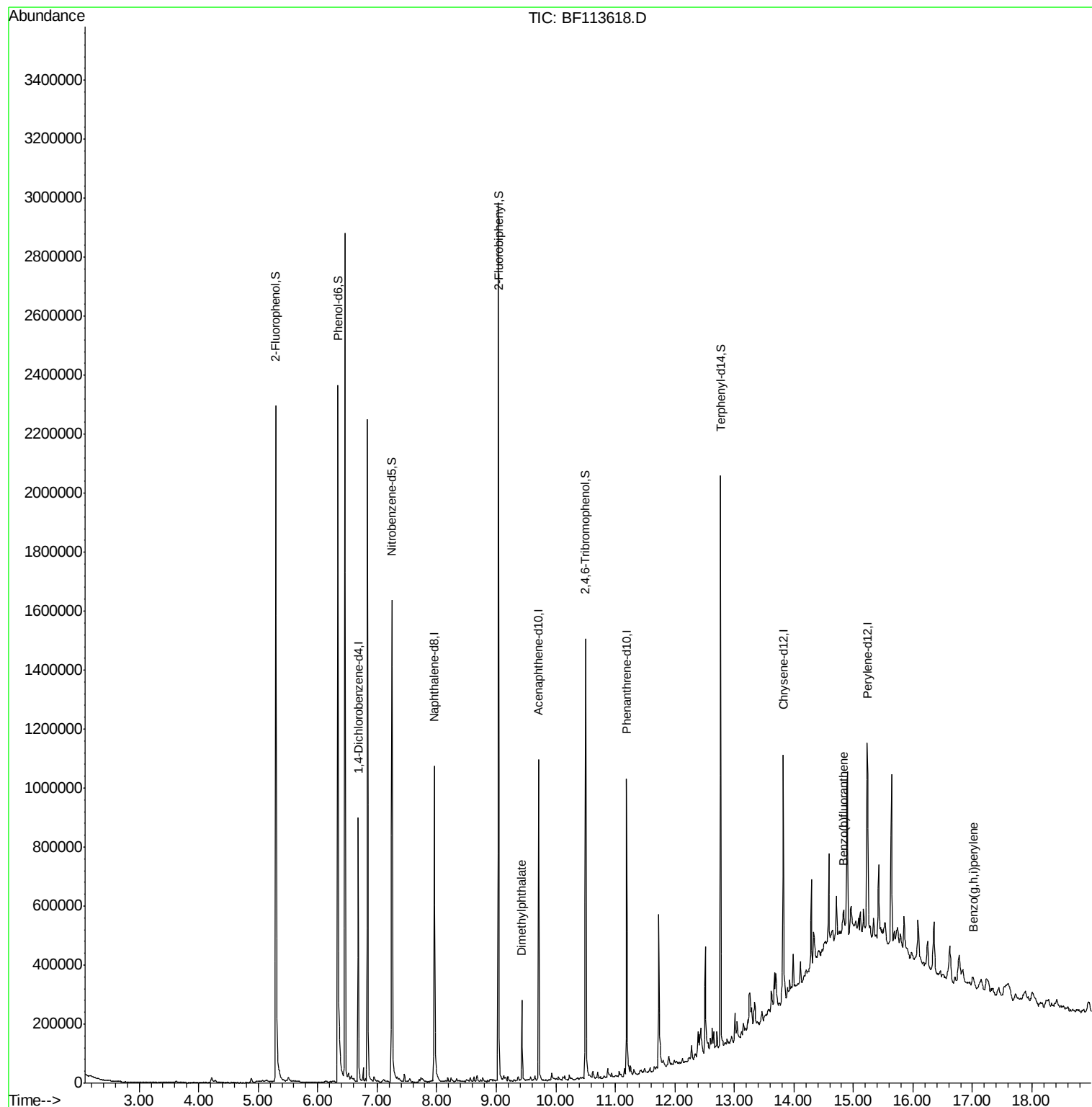
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040519\
Data File : BF113618.D
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Operator : JU/SJ
Sample : K2234-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

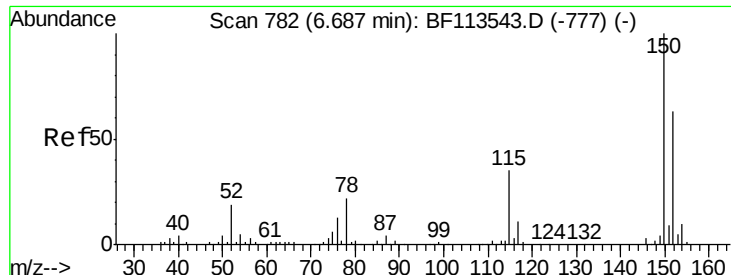
Instrument :
BNA_F
ClientSampleId :
SSSI-0401-S-DH-3

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#1

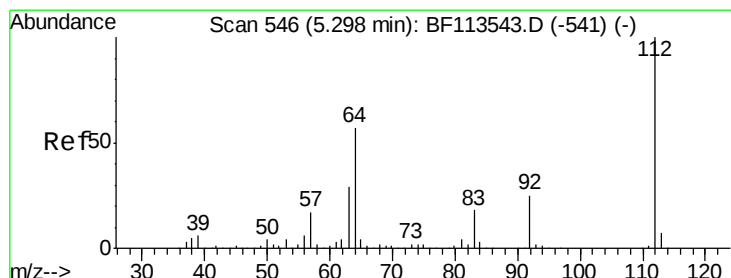
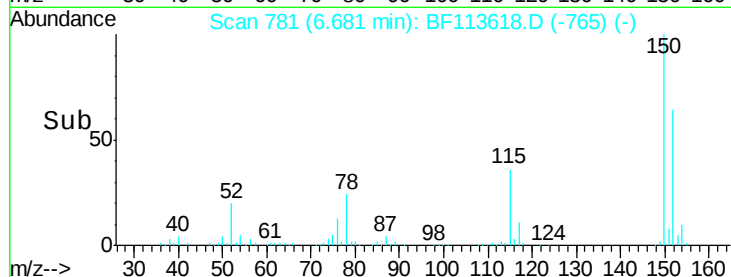
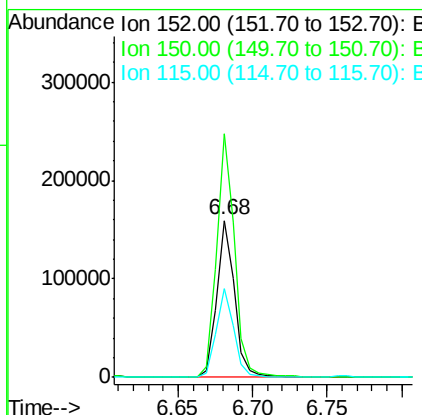
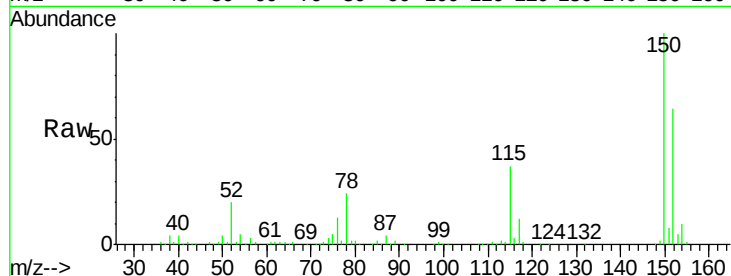
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF113618.D
Acq: 5 Apr 2019 15:52

Instrument :
BNA_F
ClientSampleId :
SSSI-0401-S-DH-3

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.3	186.5
115	56.8	44.8	67.2

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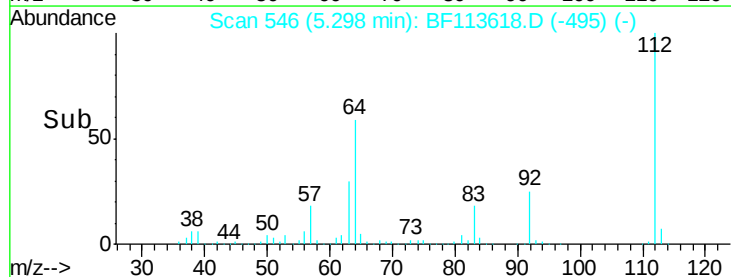
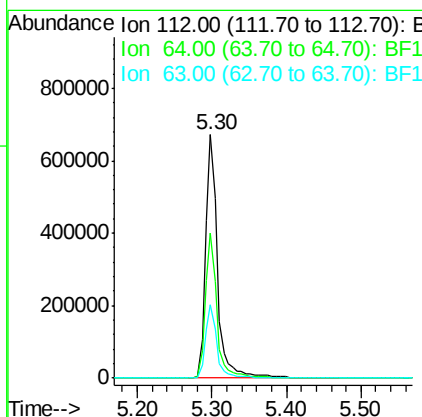
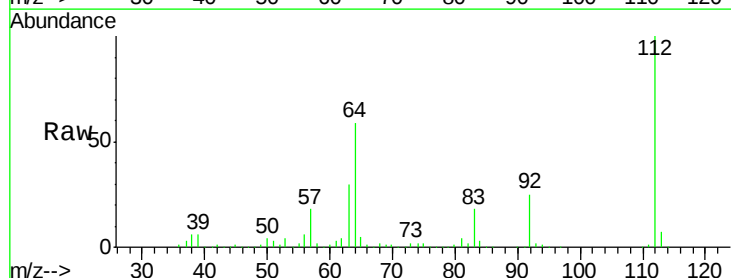
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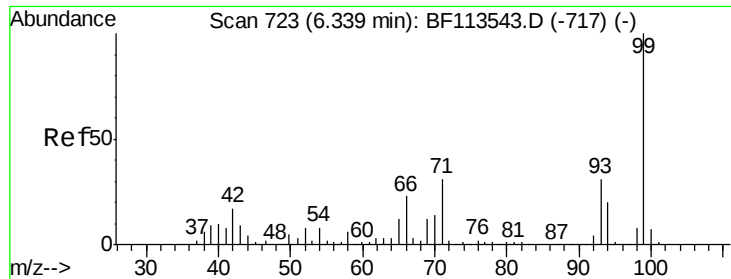


#5

2-Fluorophenol
Concen: 96.839 ng
RT: 5.30 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF113618.D
Acq: 5 Apr 2019 15:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.3	47.3	70.9
63	30.0	24.0	36.0





#7

Phenol-d6

Concen: 105.104 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF113618.D

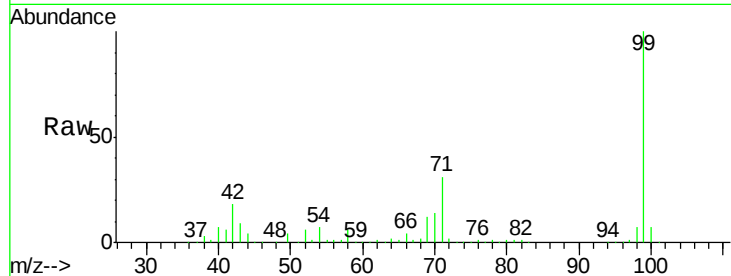
Acq: 5 Apr 2019 15:52

Instrument :

BNA_F

ClientSampleId :

SSSI-0401-S-DH-3



Tgt Ion: 99 Resp: 1008498

Ion Ratio Lower Upper

99 100

42 18.2 14.9 22.3

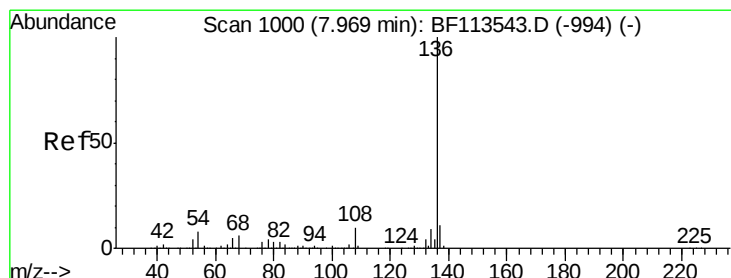
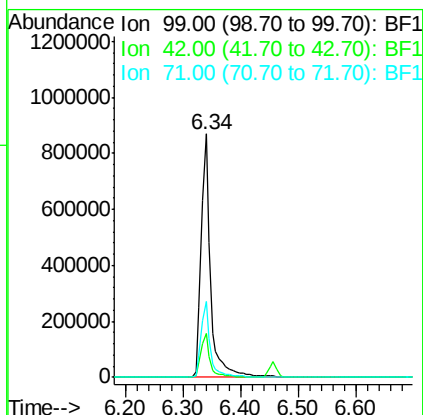
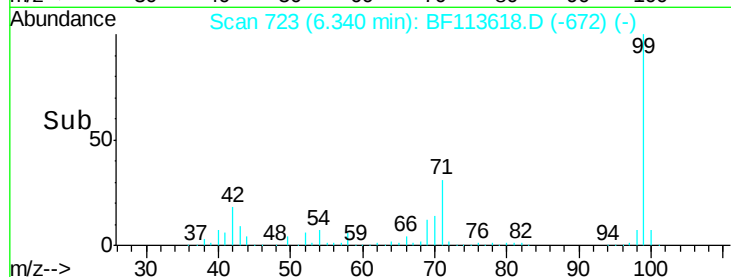
71 31.4 25.1 37.7

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF113618.D

Acq: 5 Apr 2019 15:52

Tgt Ion: 136 Resp: 491405

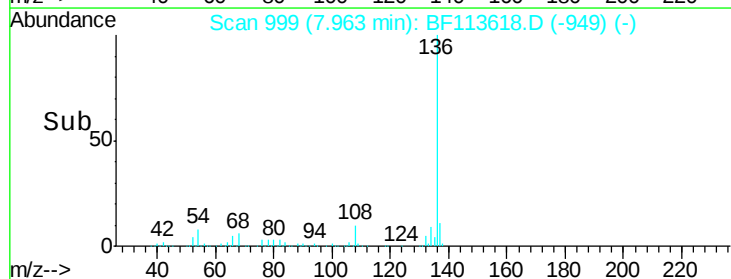
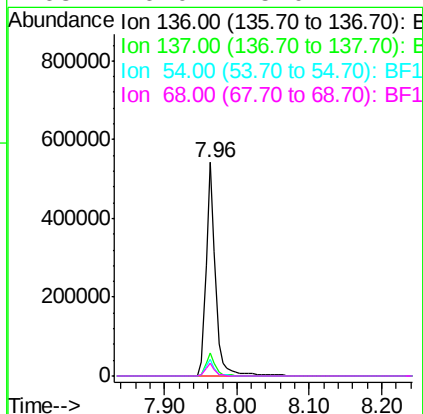
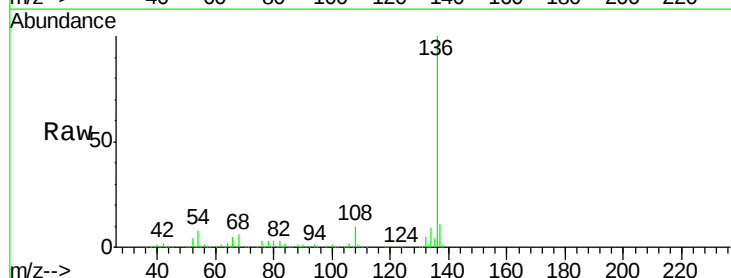
Ion Ratio Lower Upper

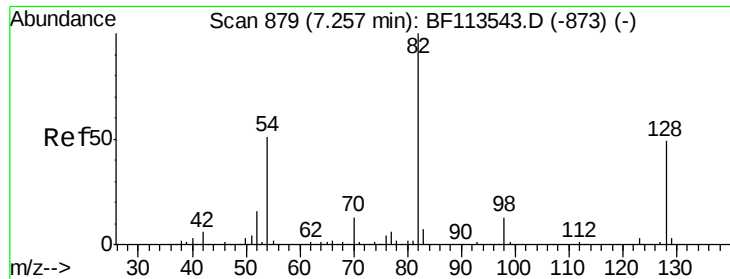
136 100

137 11.0 9.0 13.6

54 7.8 7.0 10.4

68 6.0 5.0 7.4





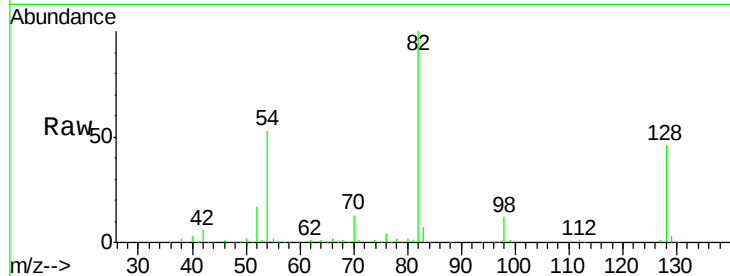
#23
 Nitrobenzene-d5
 Concen: 69.798 ng
 RT: 7.25 min Scan# 877
 Delta R.T. -0.01 min
 Lab File: BF113618.D
 Acq: 5 Apr 2019 15:52

Instrument :
 BNA_F
 ClientSampleId :
 SSSI-0401-S-DH-3

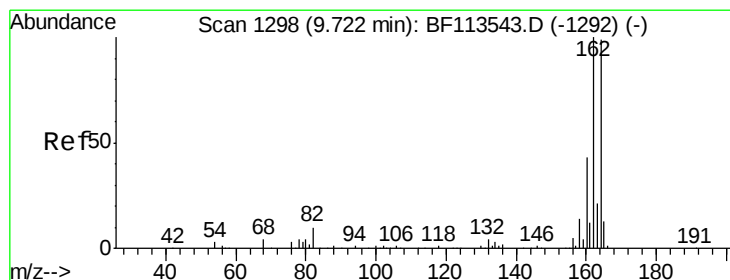
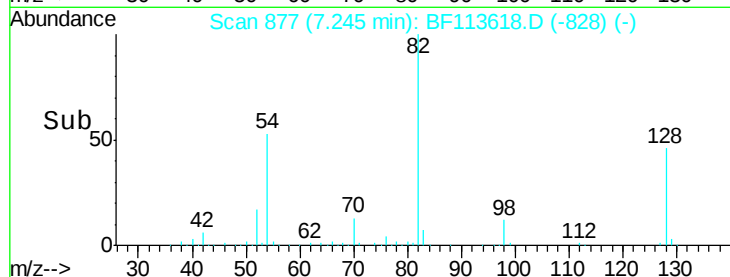
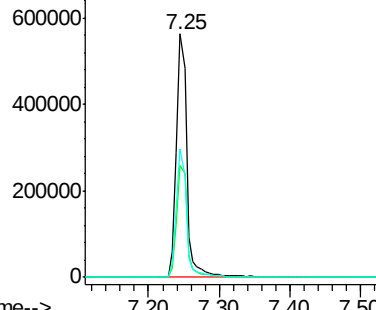
Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.7	37.9	56.9
54	52.5	41.8	62.8

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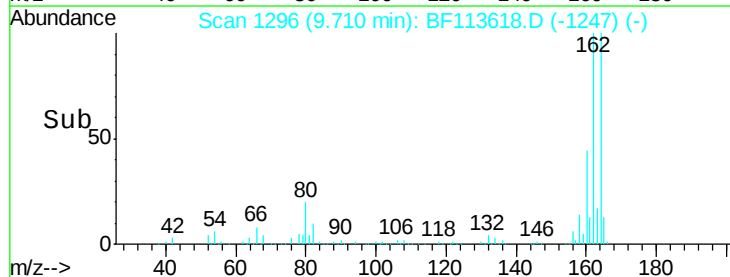
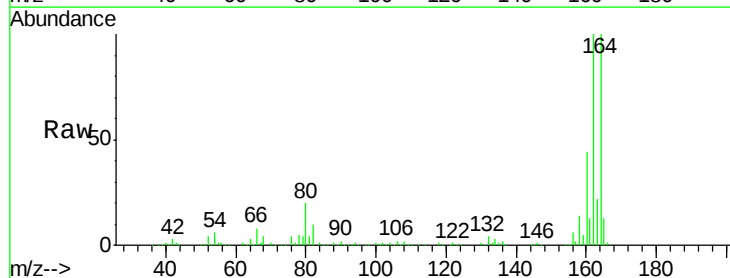
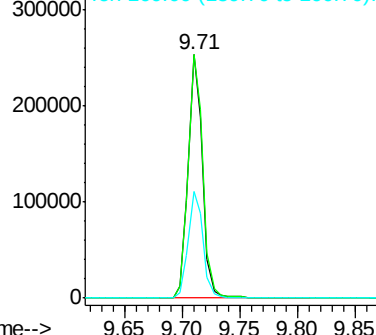
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

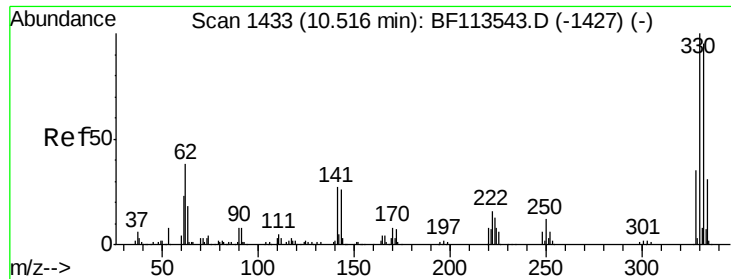


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.01 min
 Lab File: BF113618.D
 Acq: 5 Apr 2019 15:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.8	81.6	122.4
160	43.7	36.3	54.5

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





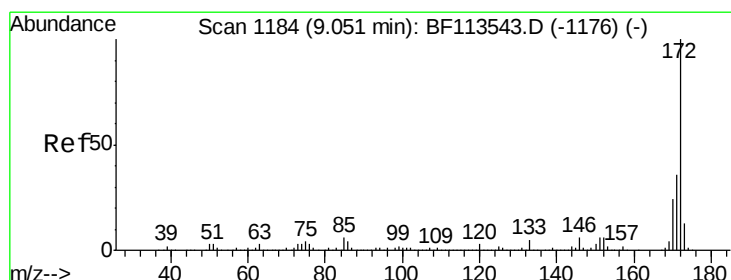
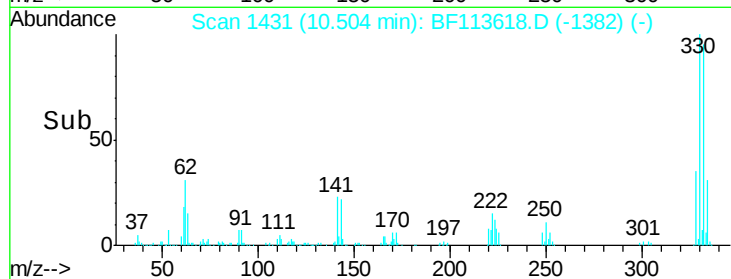
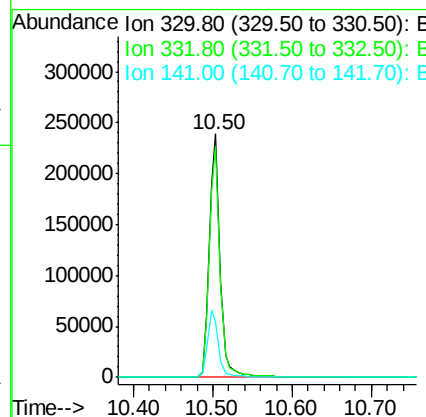
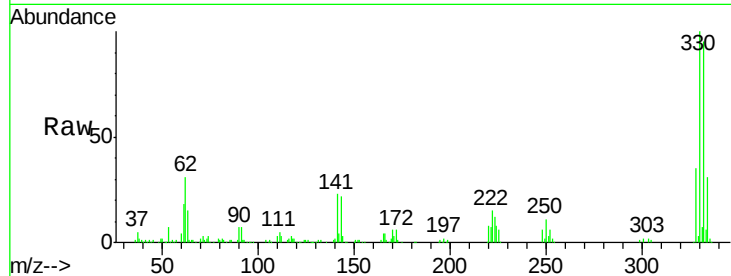
#42
 2,4,6-Tribromophenol
 Concen: 87.875 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF113618.D
 Acq: 5 Apr 2019 15:52

Instrument :
 BNA_F
 ClientSampleId :
 SSSI-0401-S-DH-3

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	229713		
332	95.6	76.8	115.2	
141	28.1	21.1	31.7	

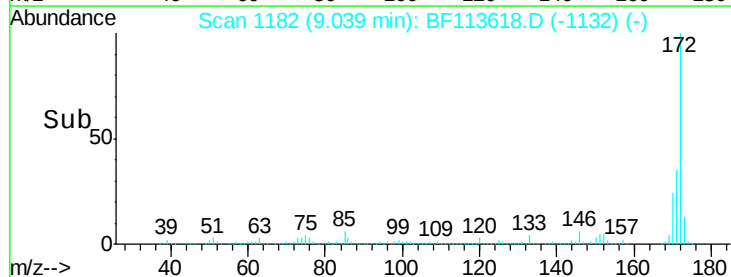
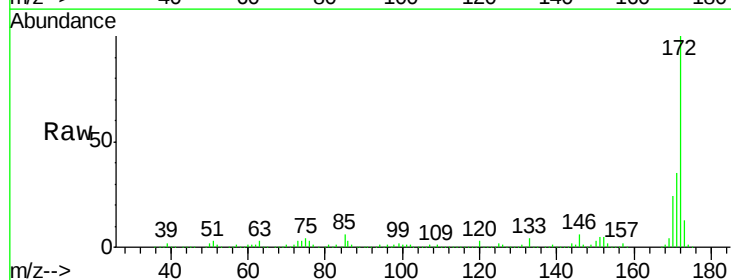
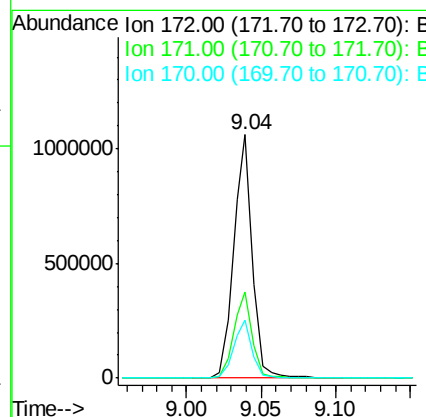
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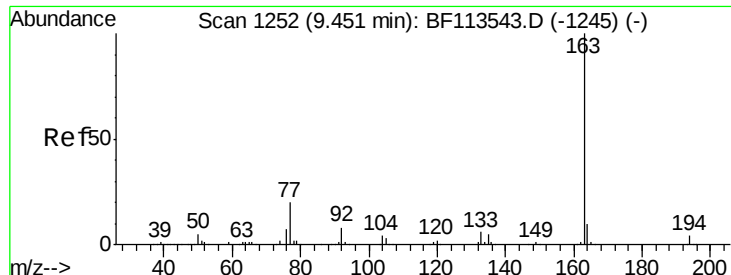
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#45
 2-Fluorobiphenyl
 Concen: 69.318 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF113618.D
 Acq: 5 Apr 2019 15:52

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	936997		
171	35.1	29.0	43.4	
170	24.0	19.5	29.3	





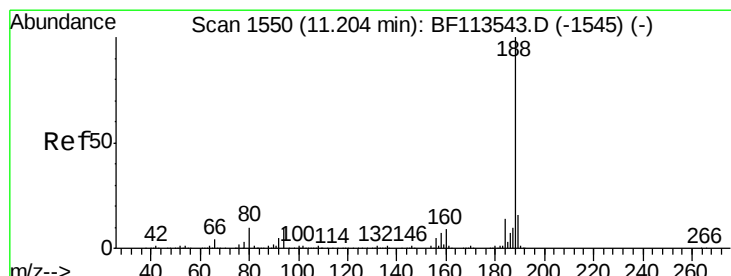
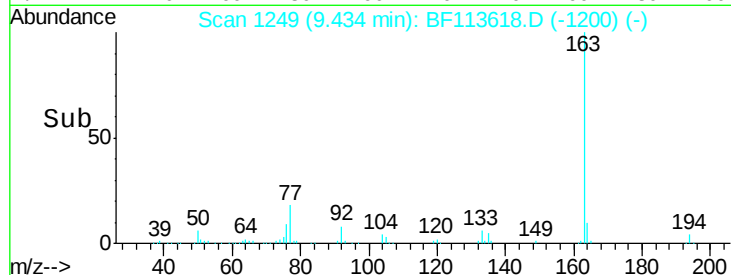
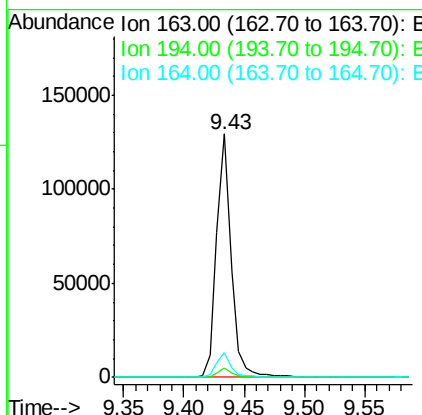
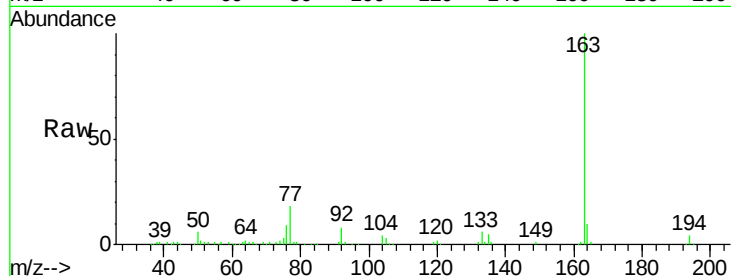
#50
Dimethylphthalate
Concen: 6.689 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BF113618.D
Acq: 5 Apr 2019 15:52

Instrument :
BNA_F
ClientSampleId :
SSSI-0401-S-DH-3

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	107291		
194	3.8		3.1	4.7
164	10.2		8.5	12.7

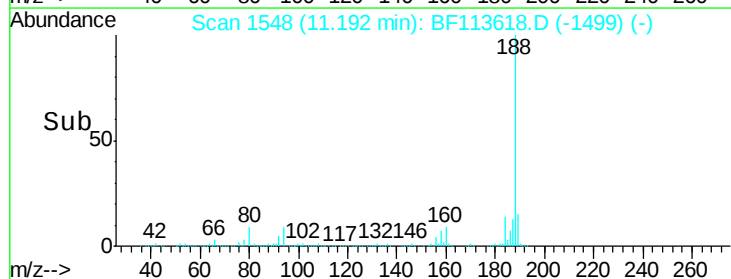
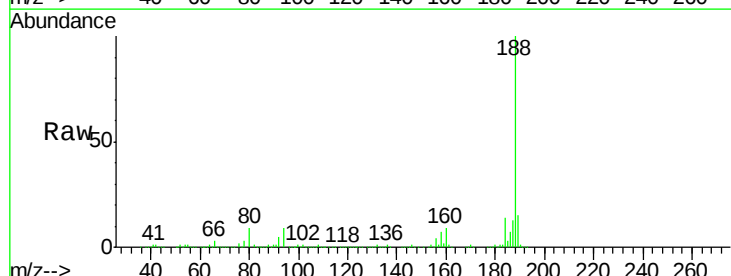
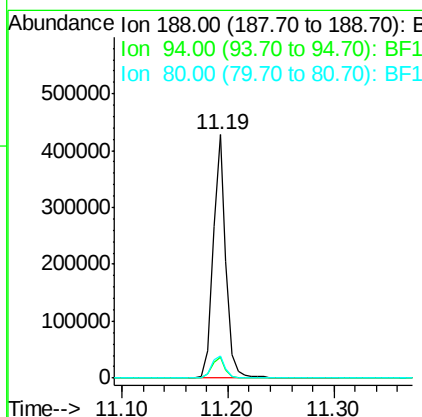
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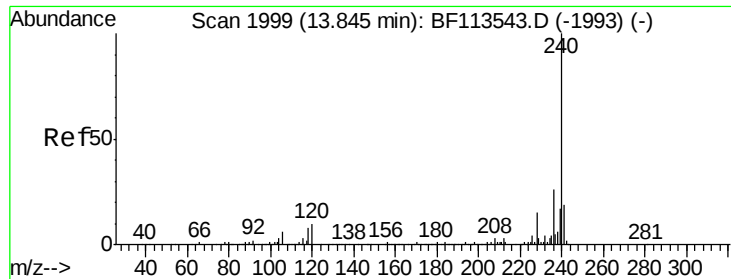
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF113618.D
Acq: 5 Apr 2019 15:52

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	361720		
94	8.8		6.6	10.0
80	9.1		6.8	10.2





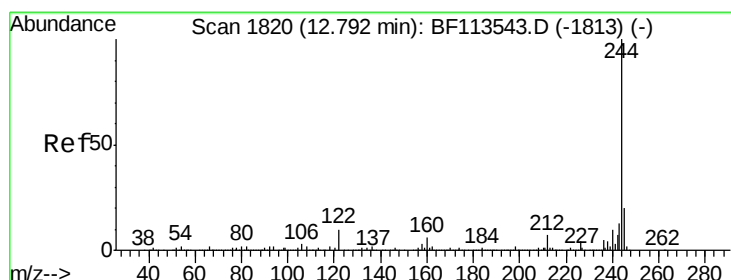
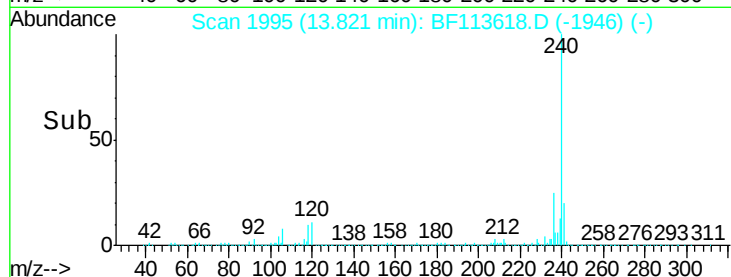
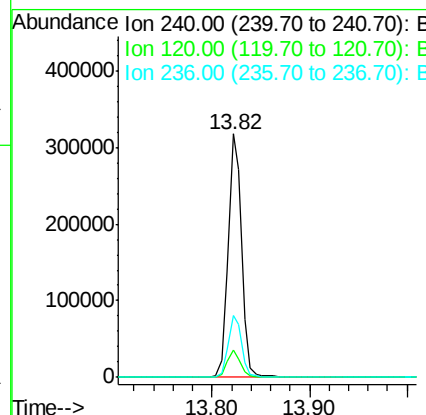
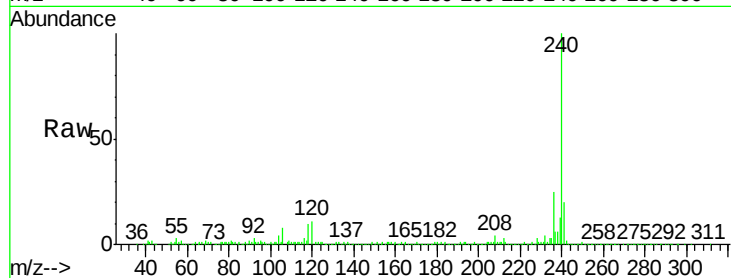
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF113618.D
Acq: 5 Apr 2019 15:52

Instrument :
BNA_F
ClientSampleId :
SSSI-0401-S-DH-3

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	299816		
120	11.0	9.7	14.5	
236	25.3	20.3	30.5	

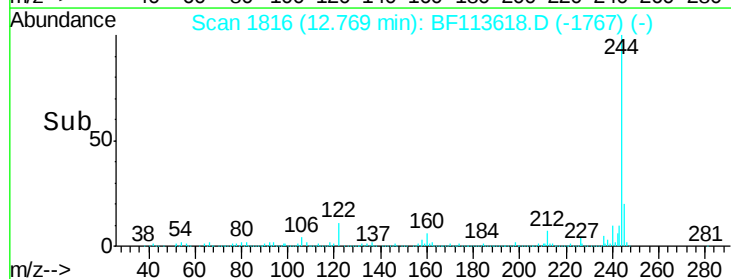
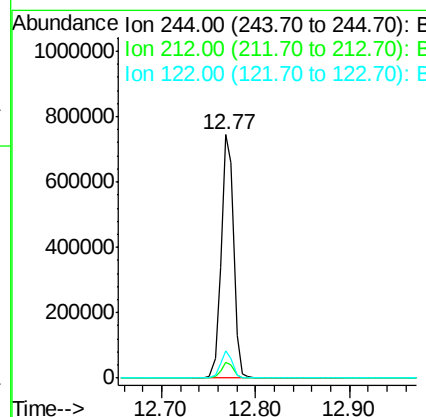
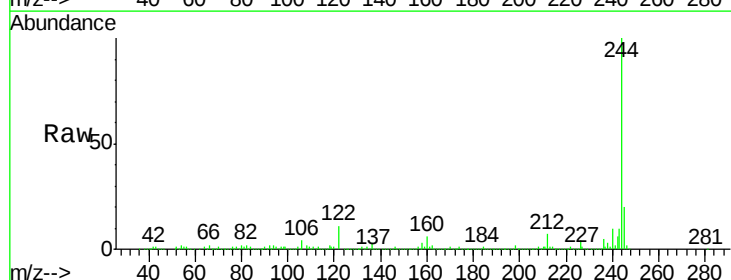
Manual Integrations
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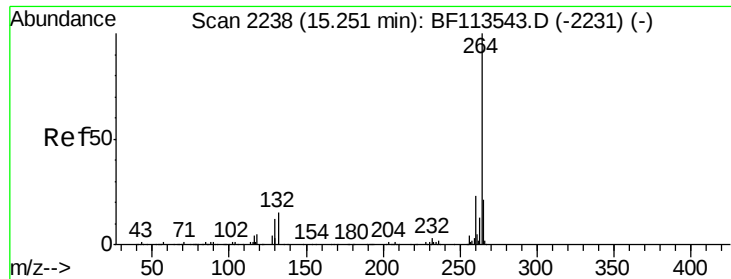
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#79
Terphenyl-d14
Concen: 47.241 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BF113618.D
Acq: 5 Apr 2019 15:52

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	695653		
212	6.7	5.4	8.0	
122	11.2	9.0	13.6	





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.23 min Scan# 2235

Delta R.T. -0.01 min

Lab File: BF113618.D

Acq: 5 Apr 2019 15:52

Instrument :

BNA_F

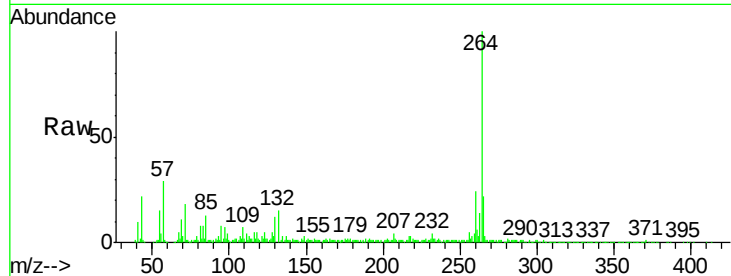
ClientSampleId :

SSSI-0401-S-DH-3

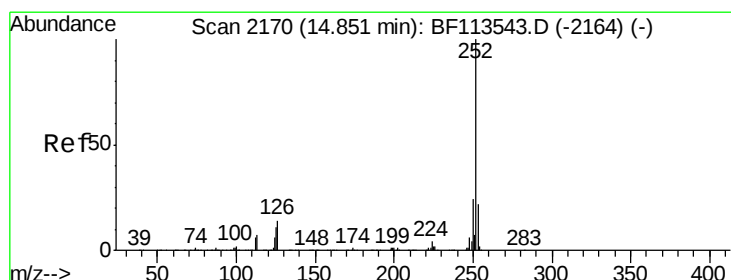
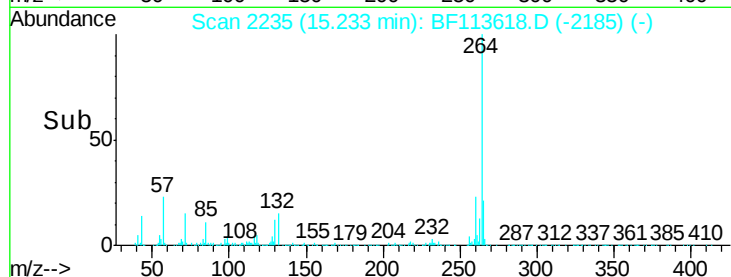
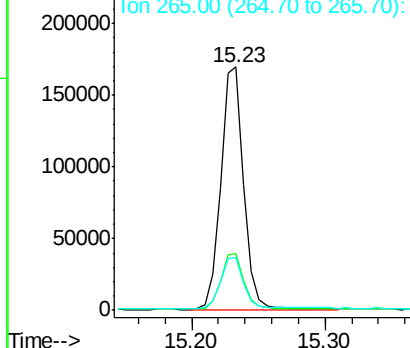
Tgt Ion:	264	Resp:	203052
Ion Ratio		Lower	Upper
264	100		
260	23.6	18.3	27.5
265	21.7	16.9	25.3

Manual Integrations
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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



#88

Benzo(b)fluoranthene

Concen: 2.662 ng m

RT: 14.83 min Scan# 2167

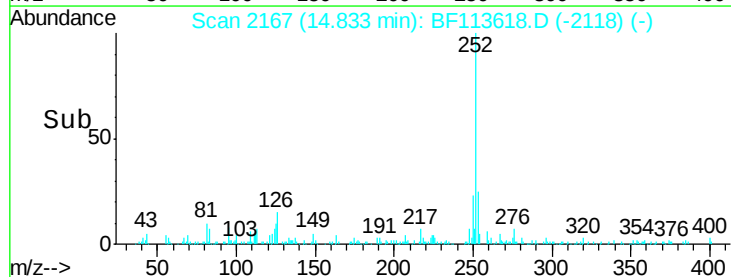
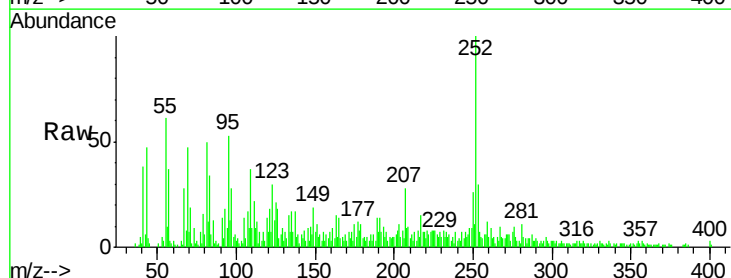
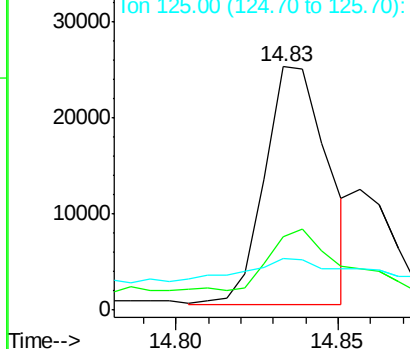
Delta R.T. -0.01 min

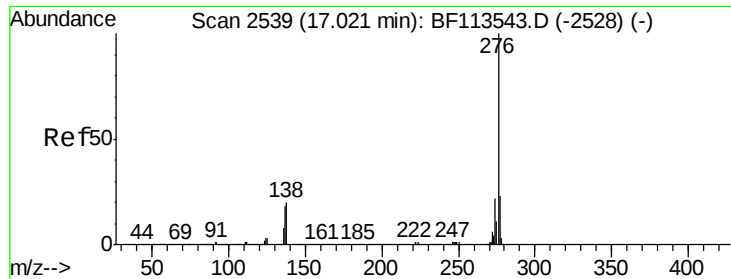
Lab File: BF113618.D

Acq: 5 Apr 2019 15:52

Tgt Ion:	252	Resp:	33089
Ion Ratio		Lower	Upper
252	100		
253	30.1	17.9	26.9#
125	21.3	7.4	11.2#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





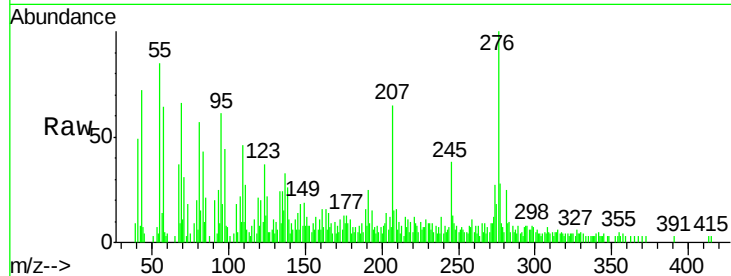
#92
 Benzo(g,h,i)perylene
 Concen: 2.078 ng
 RT: 17.00 min Scan# 2536
 Delta R.T. -0.01 min
 Lab File: BF113618.D
 Acq: 5 Apr 2019 15:52

Instrument :
 BNA_F
 ClientSampleId :
 SSSI-0401-S-DH-3

Tgt Ion	Ratio	Lower	Upper
276	100		
277	27.7	19.0	28.4
138	26.4	15.4	23.2

Manual Integrations
 APPROVED

Sohil
 4/8/2019 9:48:13 AM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

