

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040519\
 Data File : BF113615.D
 Acq On : 5 Apr 2019 11:21
 Operator : JU/SJ
 Sample : K2213-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S10A(2-10)COMP

Manual Integrations
 APPROVED

Sohil
 4/8/2019 9:48:11 AM

Quant Time: Apr 05 14:11:25 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	125054	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	465999	20.00	ng	0.00
39) Acenaphthene-d10	9.71	164	227310	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	470535	20.00	ng	-0.01
76) Chrysene-d12	13.83	240	416004	20.00	ng	0.00
87) Perylene-d12	15.23	264	329547	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	872726	119.00	ng	0.00
7) Phenol-d6	6.34	99	1132938	125.34	ng	0.00
23) Nitrobenzene-d5	7.25	82	687471	86.41	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	353808	129.57	ng	-0.01
45) 2-Fluorobiphenyl	9.04	172	1260350	89.26	ng	0.00
79) Terphenyl-d14	12.77	244	1452905	71.11	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.43	163	130982	7.817	ng	98
75) Fluoranthene	12.40	202	212794	8.493	ng	96
78) Pyrene	12.63	202	189594	5.990	ng	98
81) Benzo(a)anthracene	13.82	228	76885	3.204	ng	98
83) Chrysene	13.85	228	119905	4.929	ng	97
88) Benzo(b)fluoranthene	14.83	252	120915m	5.994	ng	

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

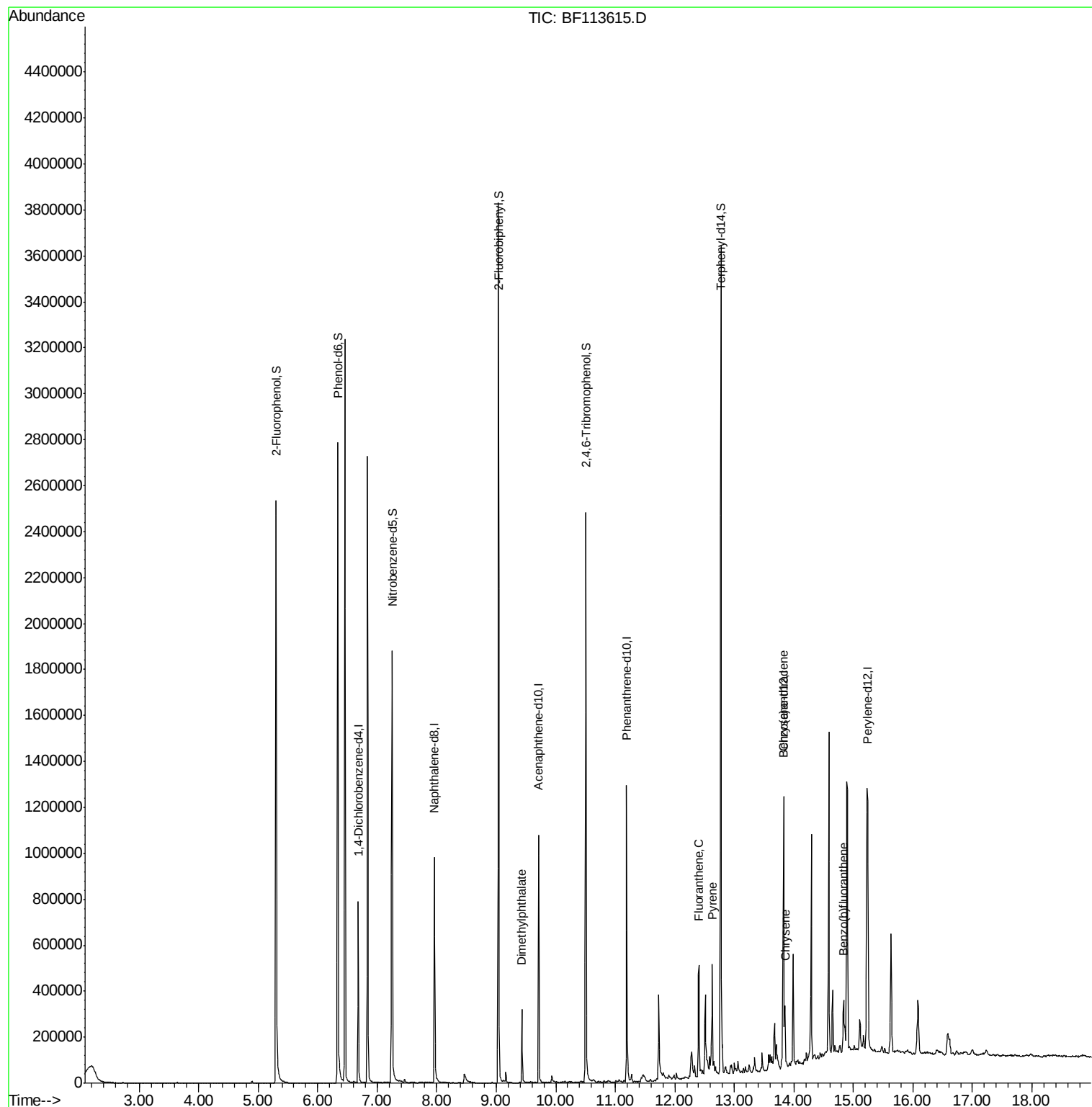
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040519\
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#1

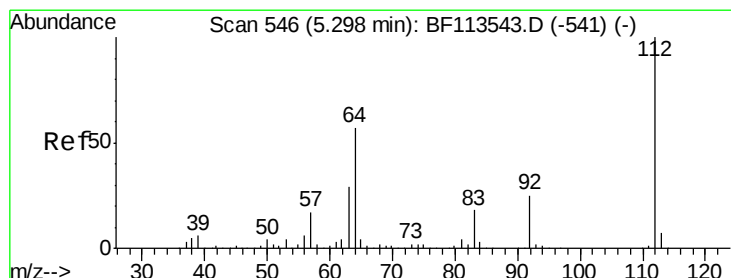
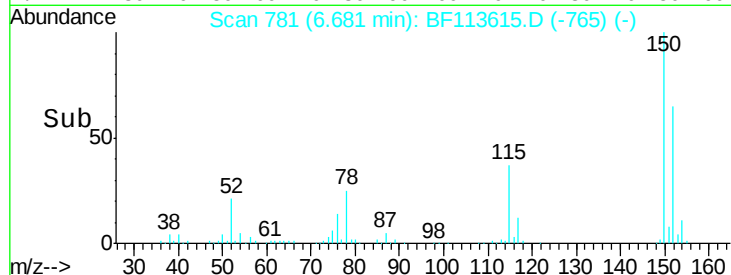
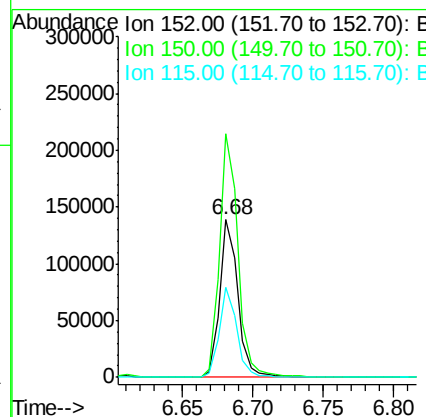
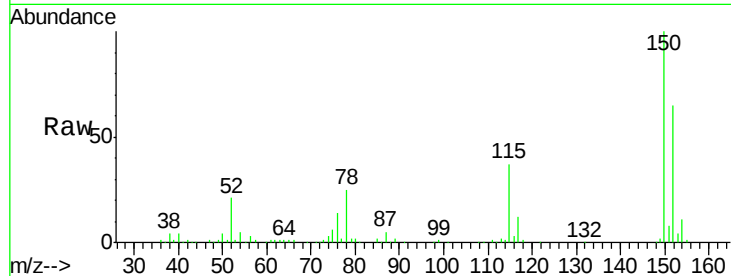
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF113615.D
Acq: 5 Apr 2019 11:21

Instrument :
BNA_F
ClientSampleId :
S10A(2-10)COMP

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.4	124.3	186.5
115	56.7	44.8	67.2

Manual Integrations
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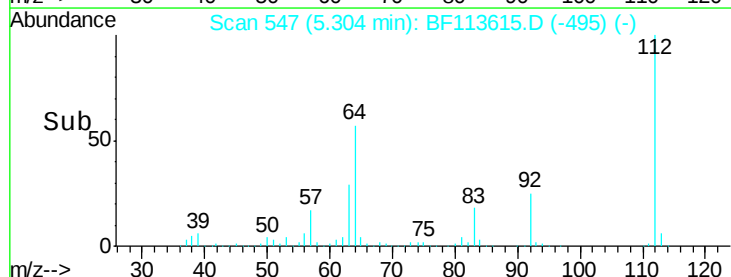
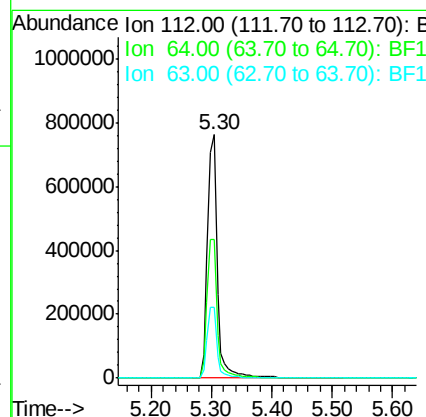
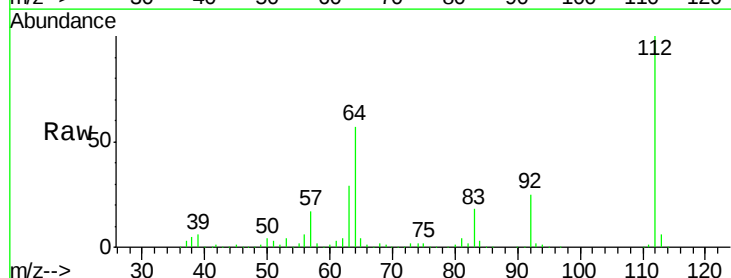
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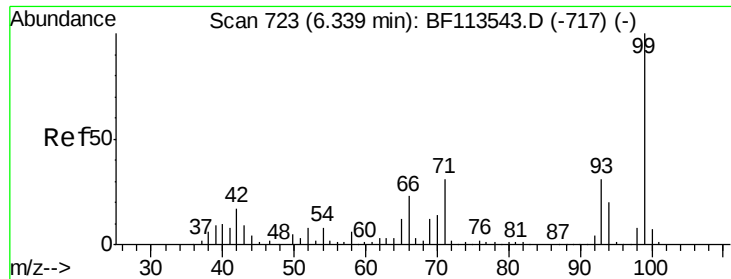


#5

2-Fluorophenol
Concen: 119.004 ng
RT: 5.30 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF113615.D
Acq: 5 Apr 2019 11:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.9	47.3	70.9
63	28.9	24.0	36.0





#7

Phenol-d6

Concen: 125.344 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF113615.D

Acq: 5 Apr 2019 11:21

Instrument :

BNA_F

ClientSampleId :

S10A(2-10)COMP

Tgt Ion: 99 Resp: 1132938

Ion Ratio Lower Upper

99 100

42 17.4 14.9 22.3

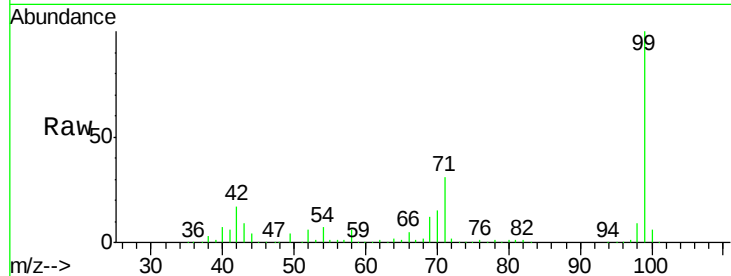
71 31.0 25.1 37.7

Manual Integrations

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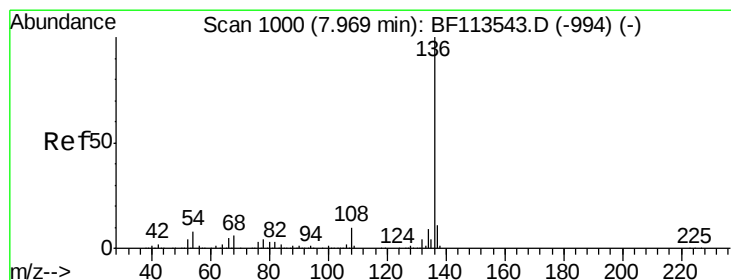
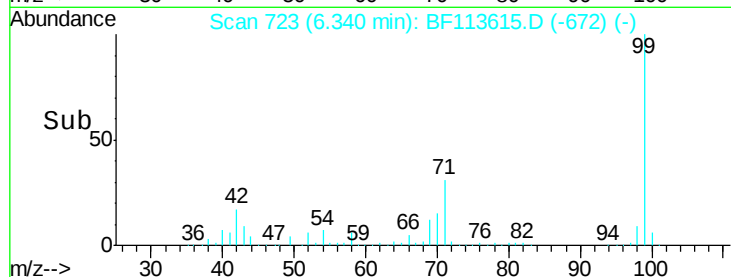
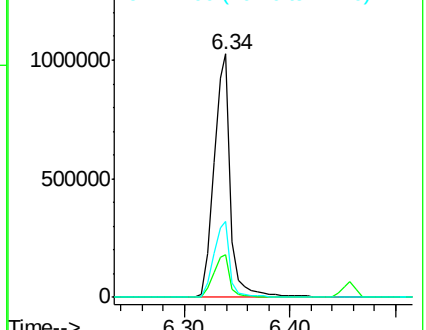
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Abundance Ion 99.00 (98.70 to 99.70): BF1

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: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF113615.D

Acq: 5 Apr 2019 11:21

Tgt Ion: 136 Resp: 465999

Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 8.2 7.0 10.4

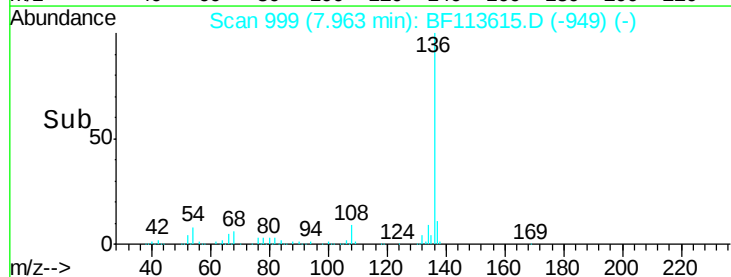
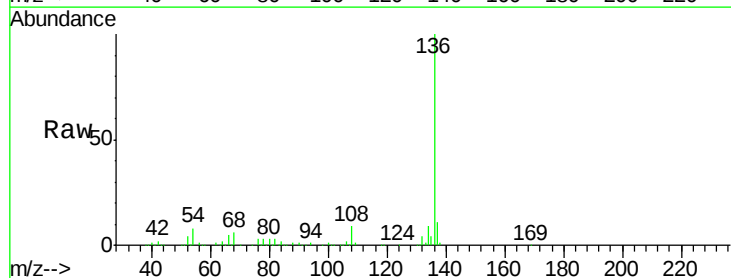
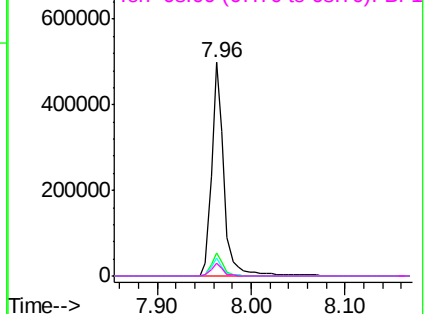
68 5.9 5.0 7.4

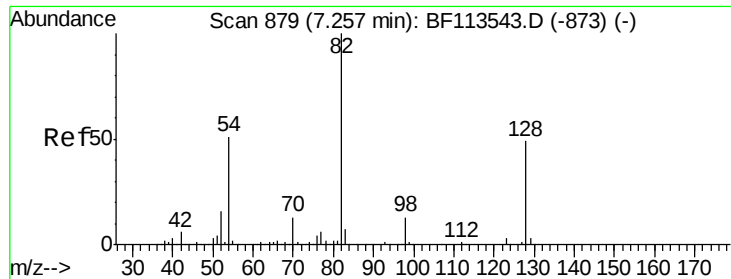
Abundance Ion 136.00 (135.70 to 136.70): E

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





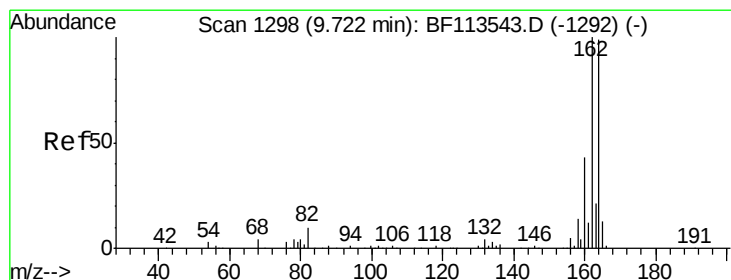
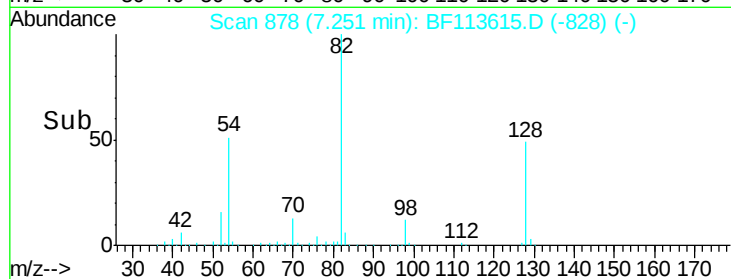
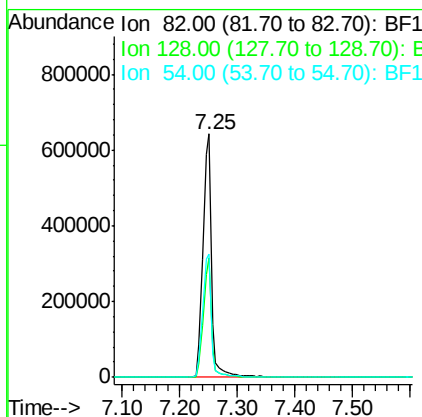
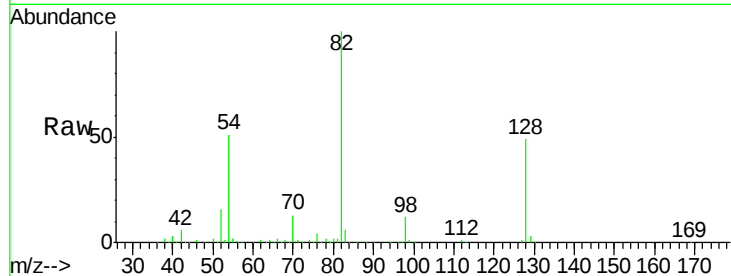
#23
 Nitrobenzene-d5
 Concen: 86.414 ng
 RT: 7.25 min Scan# 878
 Delta R.T. -0.01 min
 Lab File: BF113615.D
 Acq: 5 Apr 2019 11:21

Instrument :
 BNA_F
 ClientSampleId :
 S10A(2-10)COMP

Tgt Ion	Ratio	Lower	Upper
82	100		
128	49.0	37.9	56.9
54	50.8	41.8	62.8

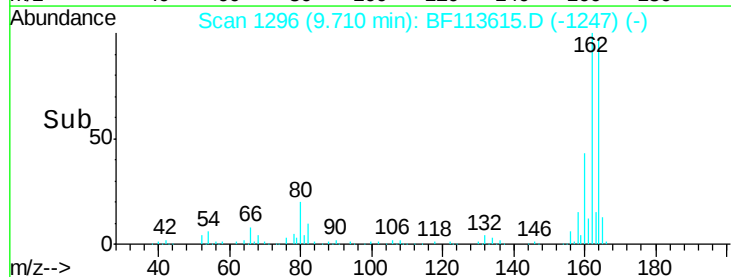
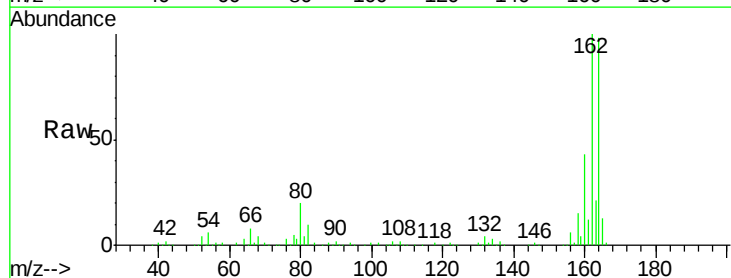
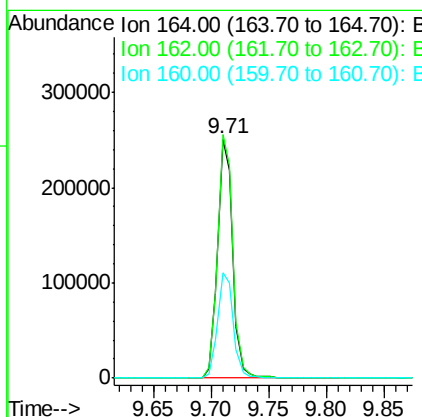
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.01 min
 Lab File: BF113615.D
 Acq: 5 Apr 2019 11:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	81.6	122.4
160	44.0	36.3	54.5





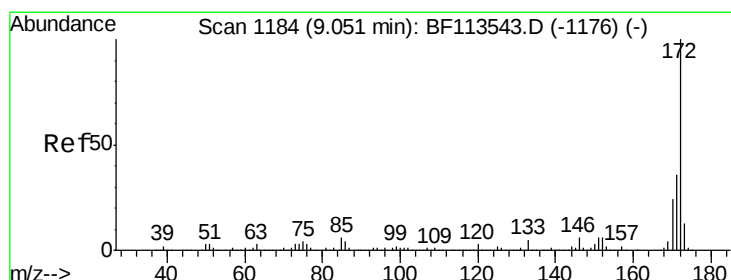
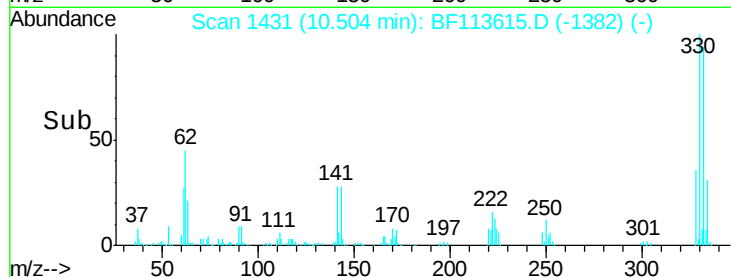
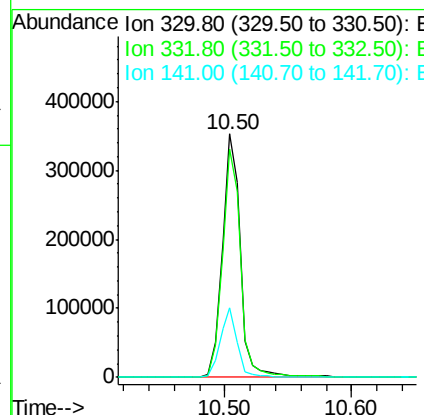
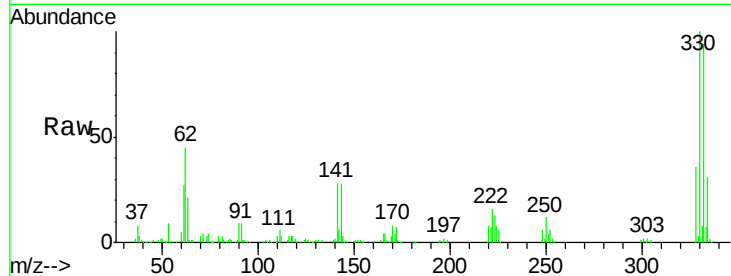
#42
 2,4,6-Tribromophenol
 Concen: 129.574 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF113615.D
 Acq: 5 Apr 2019 11:21

Instrument :
 BNA_F
 ClientSampleId :
 S10A(2-10)COMP

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	353808		
332	96.1	76.8	115.2	
141	27.3	21.1	31.7	

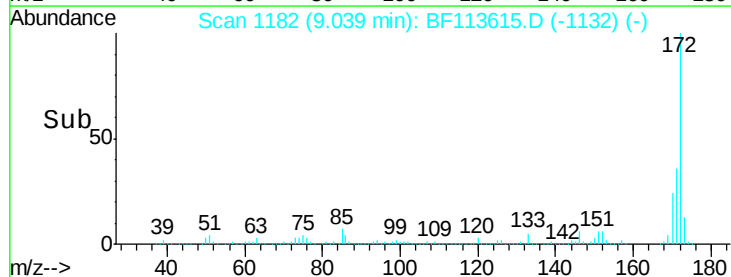
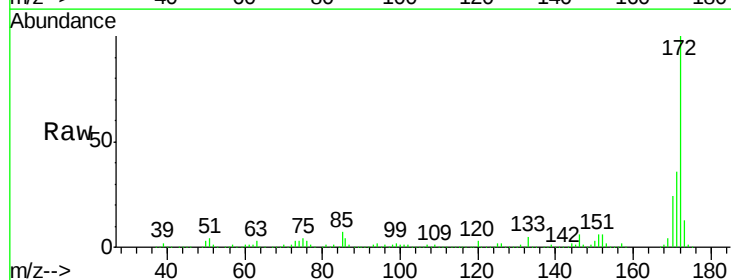
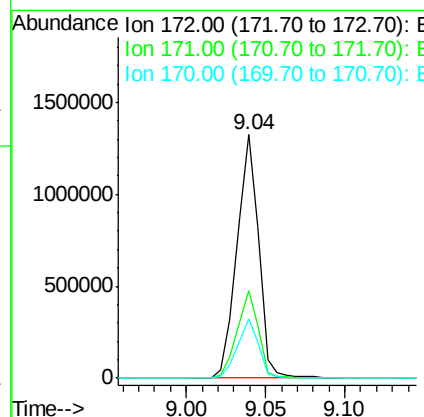
Manual Integrations
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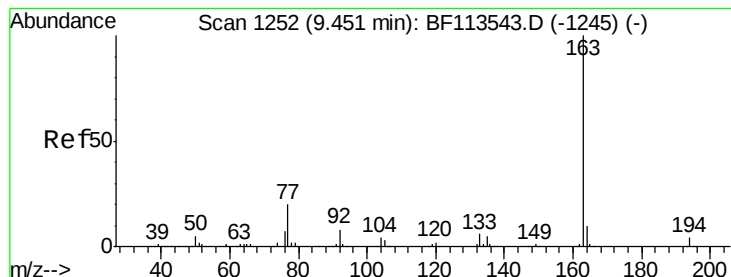
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#45
 2-Fluorobiphenyl
 Concen: 89.263 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF113615.D
 Acq: 5 Apr 2019 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1260350		
171	35.8	29.0	43.4	
170	24.4	19.5	29.3	





#50

Dimethylphthalate

Concen: 7.817 ng

RT: 9.43 min Scan# 1249

Delta R.T. -0.01 min

Lab File: BF113615.D

Acq: 5 Apr 2019 11:21

Instrument :

BNA_F

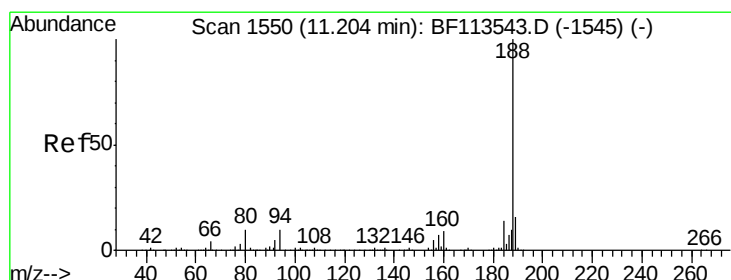
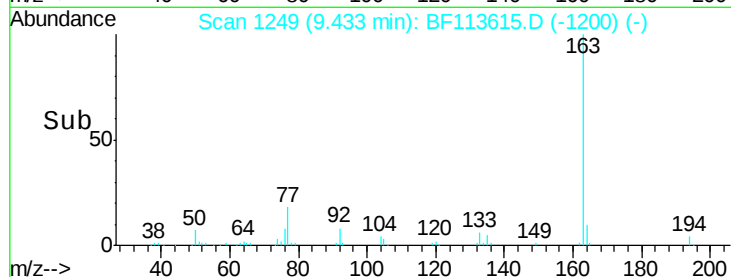
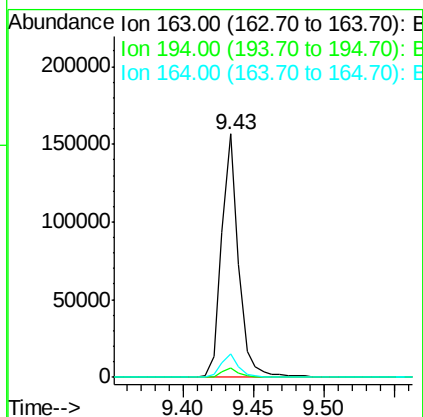
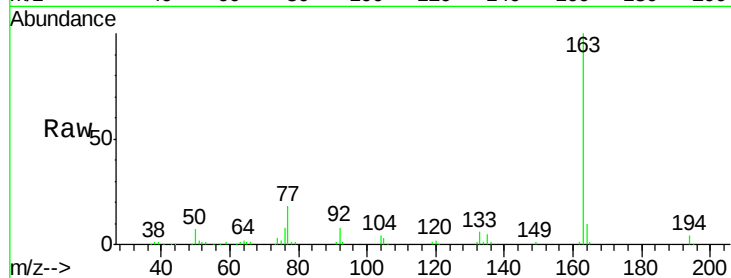
ClientSampleId :

S10A(2-10)COMP

Tgt Ion:	163	Resp:	130982
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.1	4.7
164	9.8	8.5	12.7

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#64

Phenanthrene-d10

Concen: 20.000 ng

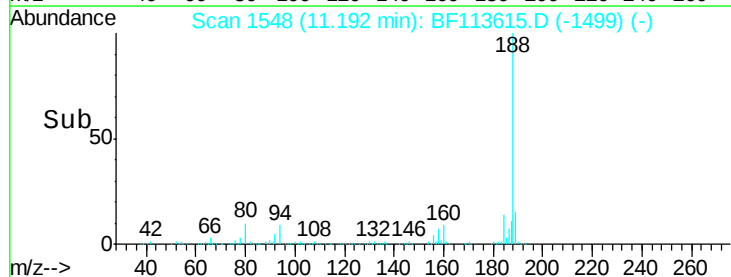
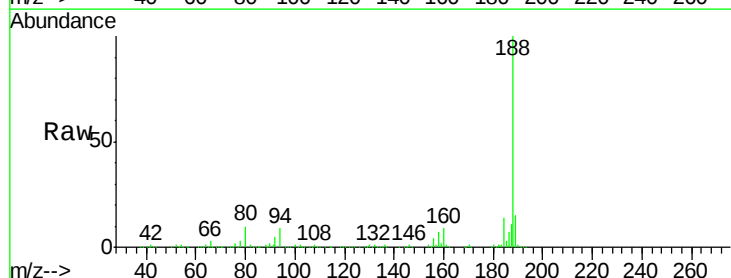
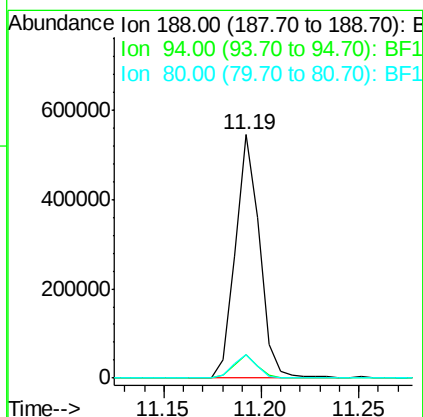
RT: 11.19 min Scan# 1548

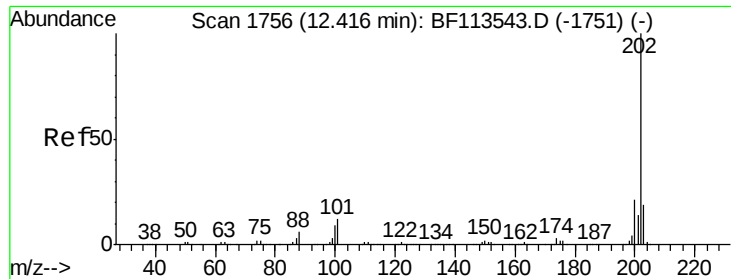
Delta R.T. -0.01 min

Lab File: BF113615.D

Acq: 5 Apr 2019 11:21

Tgt Ion:	188	Resp:	470535
Ion Ratio	Lower	Upper	
188	100		
94	9.5	6.6	10.0
80	9.9	6.8	10.2





#75

Fluoranthene

Concen: 8.493 ng

RT: 12.40 min Scan# 1754

Delta R.T. -0.01 min

Lab File: BF113615.D

Acq: 5 Apr 2019 11:21

Instrument :

BNA_F

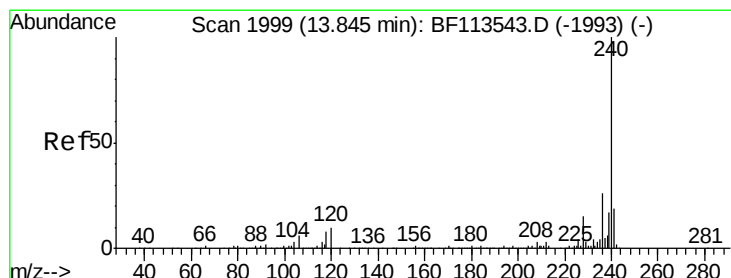
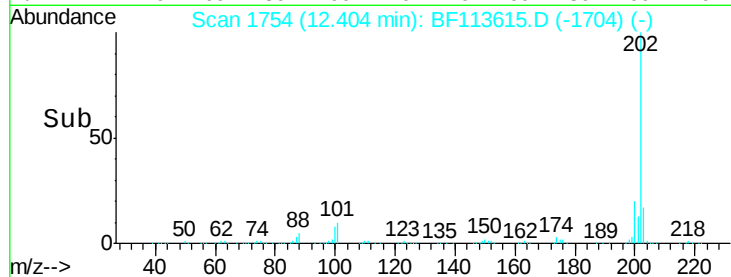
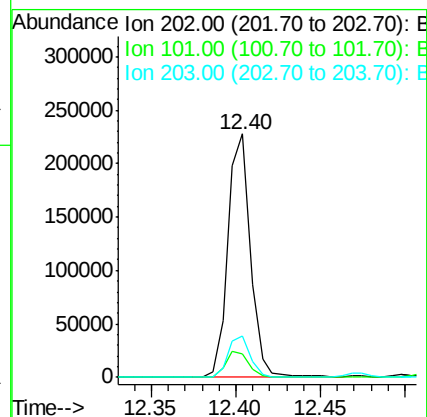
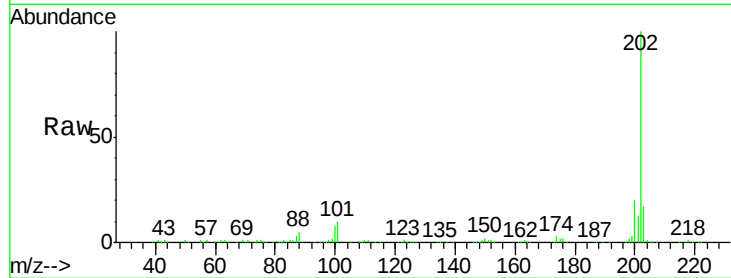
ClientSampleId :

S10A(2-10)COMP

Tgt Ion:	202	Resp:	212794
Ion Ratio	Lower	Upper	
202	100		
101	9.6	0.0	32.1
203	16.9	0.0	37.9

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

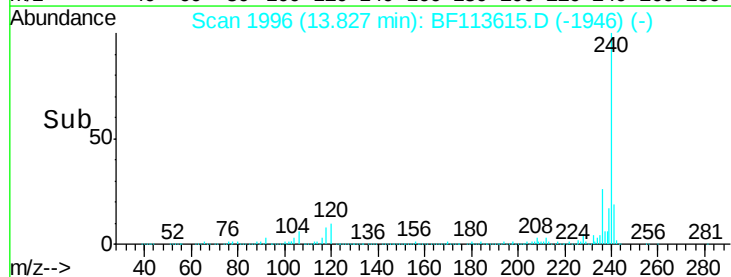
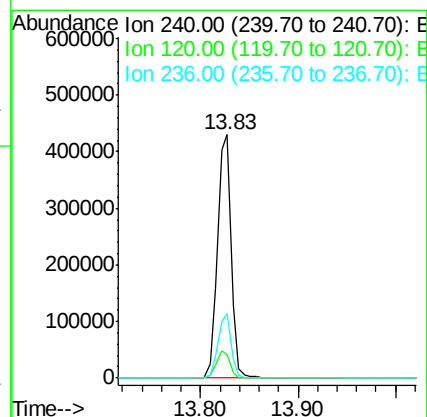
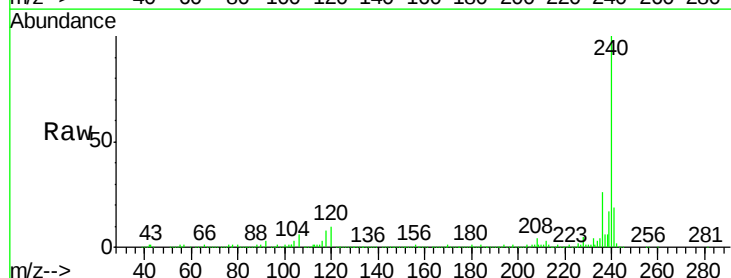
RT: 13.83 min Scan# 1996

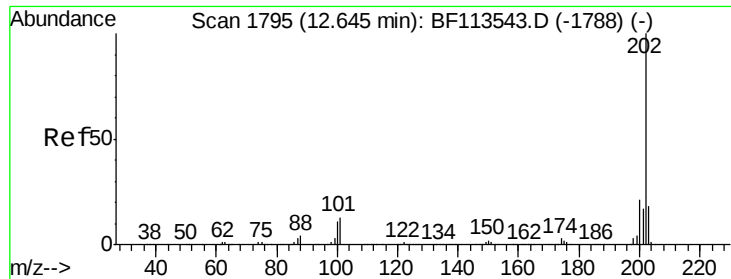
Delta R.T. -0.01 min

Lab File: BF113615.D

Acq: 5 Apr 2019 11:21

Tgt Ion:	240	Resp:	416004
Ion Ratio	Lower	Upper	
240	100		
120	9.7	9.7	14.5
236	26.3	20.3	30.5





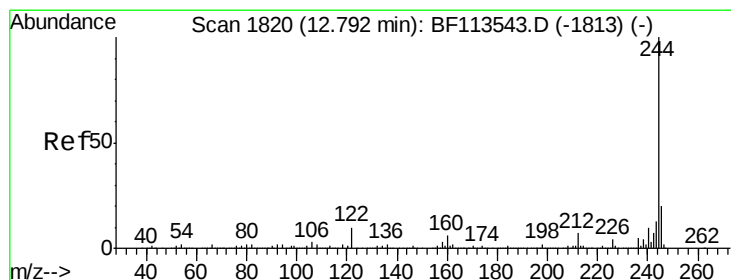
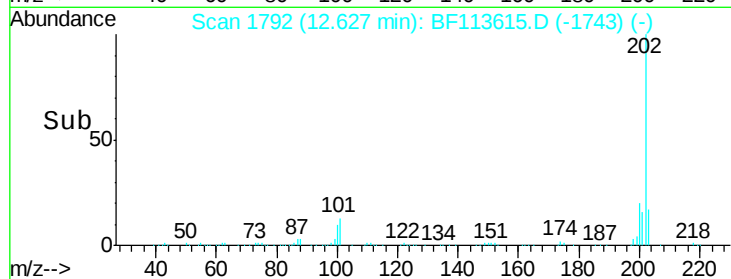
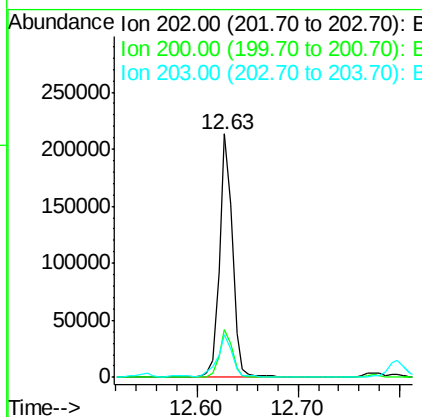
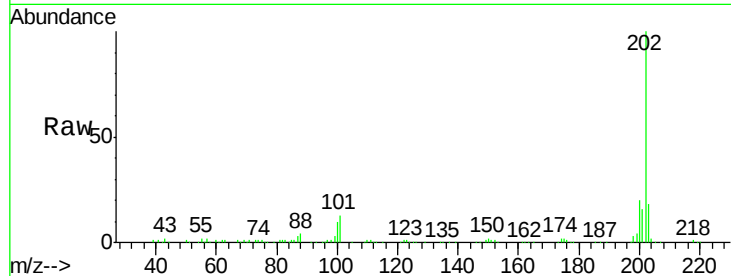
#78
Pyrene
Concen: 5.990 ng
RT: 12.63 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BF113615.D
Acq: 5 Apr 2019 11:21

Instrument :
BNA_F
ClientSampleId :
S10A(2-10)COMP

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	189594		
200	19.7	16.9	25.3	
203	17.5	14.7	22.1	

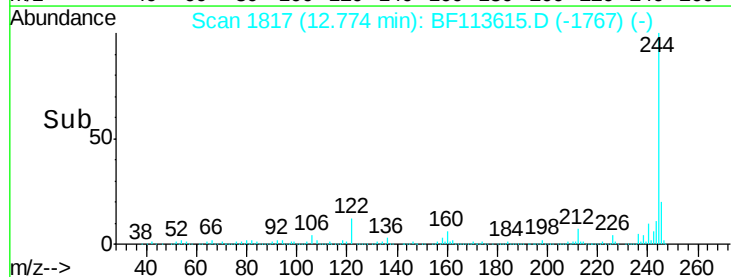
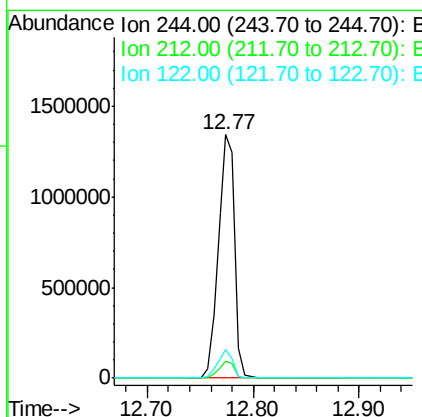
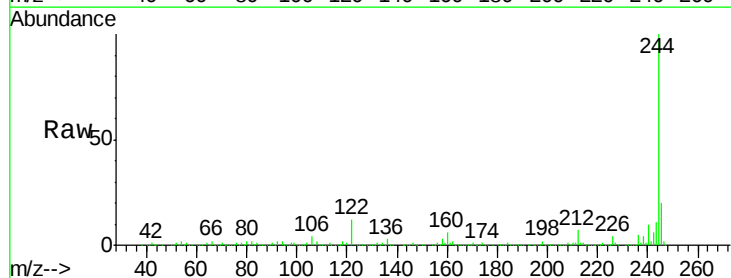
Manual Integrations
APPROVED

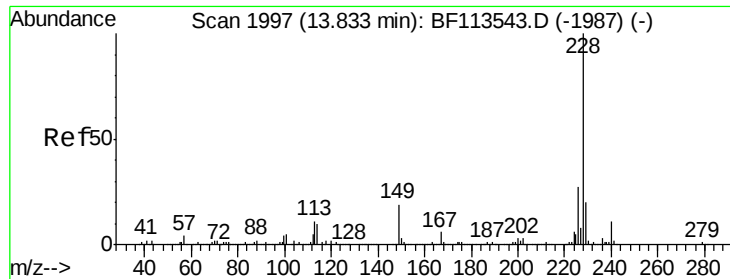
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#79
Terphenyl-d14
Concen: 71.108 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BF113615.D
Acq: 5 Apr 2019 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	1452905		
212	6.9	5.4	8.0	
122	11.6	9.0	13.6	





#81

Benzo(a)anthracene

Concen: 3.204 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BF113615.D

Acq: 5 Apr 2019 11:21

Instrument :

BNA_F

ClientSampleId :

S10A(2-10)COMP

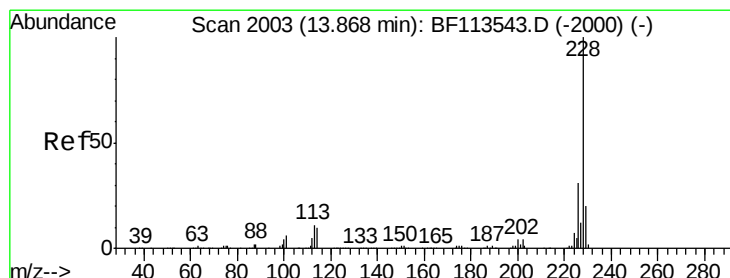
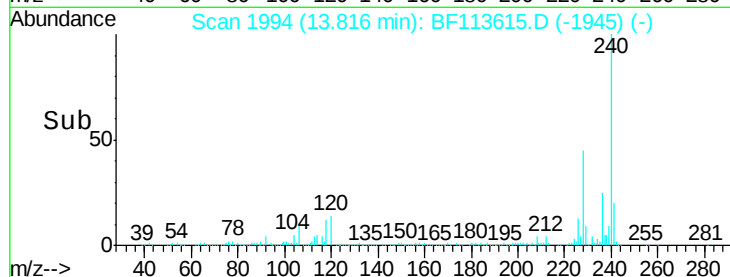
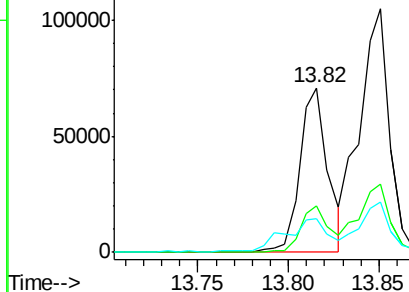
Tgt Ion:	228	Resp:	76885
Ion Ratio	Lower	Upper	
228	100		
226	28.3	21.7	32.5
229	20.5	16.0	24.0

Manual Integrations
APPROVED

Sohil
4/8/2019 9:48:11 AM



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#83

Chrysene

Concen: 4.929 ng

RT: 13.85 min Scan# 2000

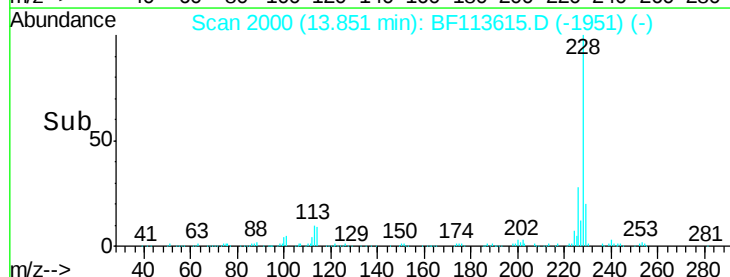
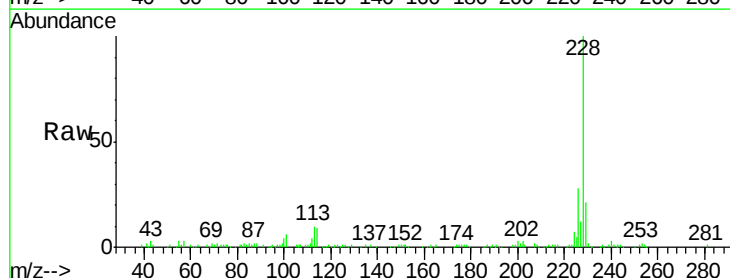
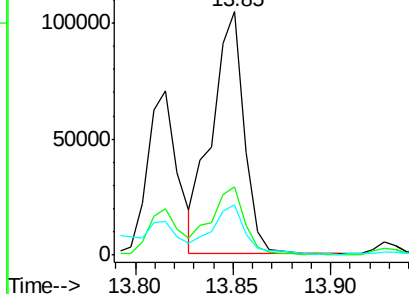
Delta R.T. -0.01 min

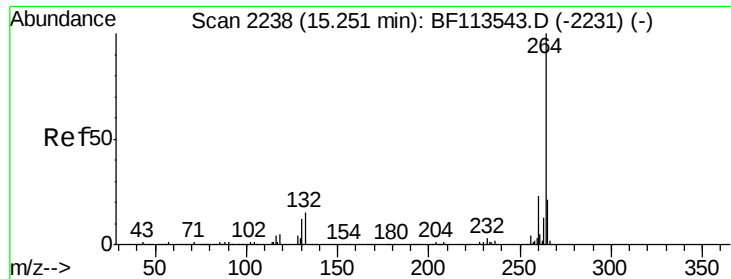
Lab File: BF113615.D

Acq: 5 Apr 2019 11:21

Tgt Ion:	228	Resp:	119905
Ion Ratio	Lower	Upper	
228	100		
226	28.1	24.2	36.4
229	20.8	16.2	24.2

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.23 min Scan# 2234

Delta R.T. -0.01 min

Lab File: BF113615.D

Acq: 5 Apr 2019 11:21

Instrument :

BNA_F

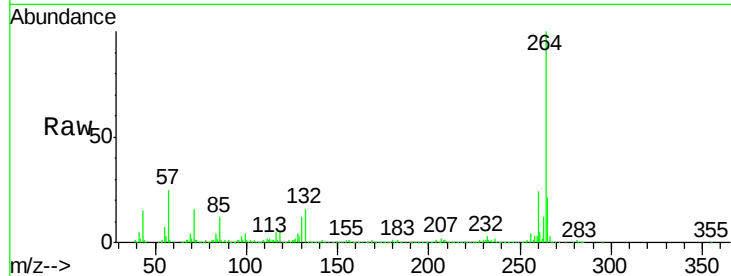
ClientSampleId :

S10A(2-10)COMP

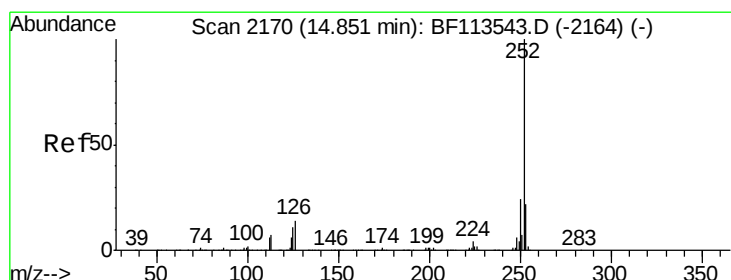
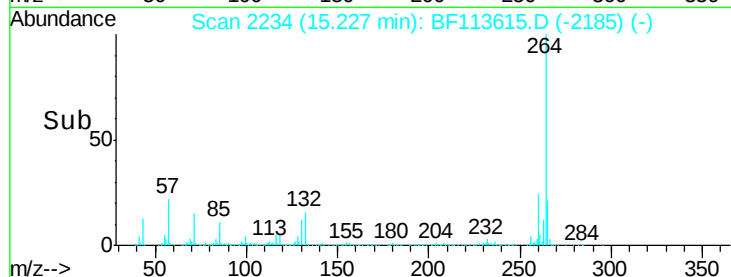
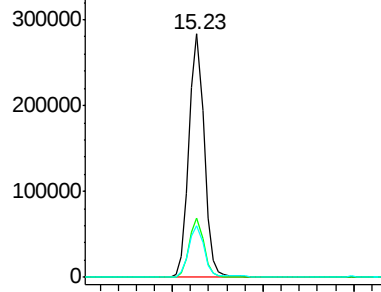
Tgt Ion:	264	Resp:	329547
Ion Ratio		Lower	Upper
264	100		
260	24.3	18.3	27.5
265	21.3	16.9	25.3

Manual Integrations
APPROVED

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4/8/2019 9:48:11 AM



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: 5.994 ng m

RT: 14.83 min Scan# 2167

Delta R.T. -0.01 min

Lab File: BF113615.D

Acq: 5 Apr 2019 11:21

Tgt Ion:	252	Resp:	120915
Ion Ratio		Lower	Upper
252	100		
253	21.2	17.9	26.9
125	11.2	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

