

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051719\
 Data File : BF114374.D
 Acq On : 18 May 2019 2:55
 Operator : JU/SJ
 Sample : K2894-06
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-02-0-1

Manual Integrations
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mohammad
 5/21/2019 2:16:43 PM

Quant Time: May 18 06:39:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	215491	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	841986	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	382954	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	702244	20.00	ng	0.00
76) Chrysene-d12	14.02	240	483317	20.00	ng	0.00
87) Perylene-d12	15.49	264	391779	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	805232	60.13	ng	0.00
7) Phenol-d6	6.49	99	1053469	66.52	ng	0.00
23) Nitrobenzene-d5	7.40	82	329310	21.95	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	125072	31.59	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1217032	48.07	ng	0.00
79) Terphenyl-d14	12.96	244	1107586	47.24	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	148077	5.267	ng	99
71) Phenanthrene	11.40	178	304321	8.907	ng	97
72) Anthracene	11.45	178	109235	3.183	ng	96
75) Fluoranthene	12.59	202	683153	18.568	ng	98
78) Pyrene	12.82	202	601790	15.478	ng	97
81) Benzo(a)anthracene	14.00	228	346505	11.084	ng	99
83) Chrysene	14.05	228	297093	9.695	ng	98
86) Indeno(1,2,3-cd)pyrene	16.97	276	106417	3.929	ng	98
88) Benzo(b)fluoranthene	15.06	252	324970m	12.947	ng	
89) Benzo(k)fluoranthene	15.09	252	100163m	4.344	ng	
90) Benzo(a)pyrene	15.43	252	225471	10.207	ng	# 93
92) Benzo(g,h,i)perylene	17.43	276	93667	5.092	ng	# 94

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

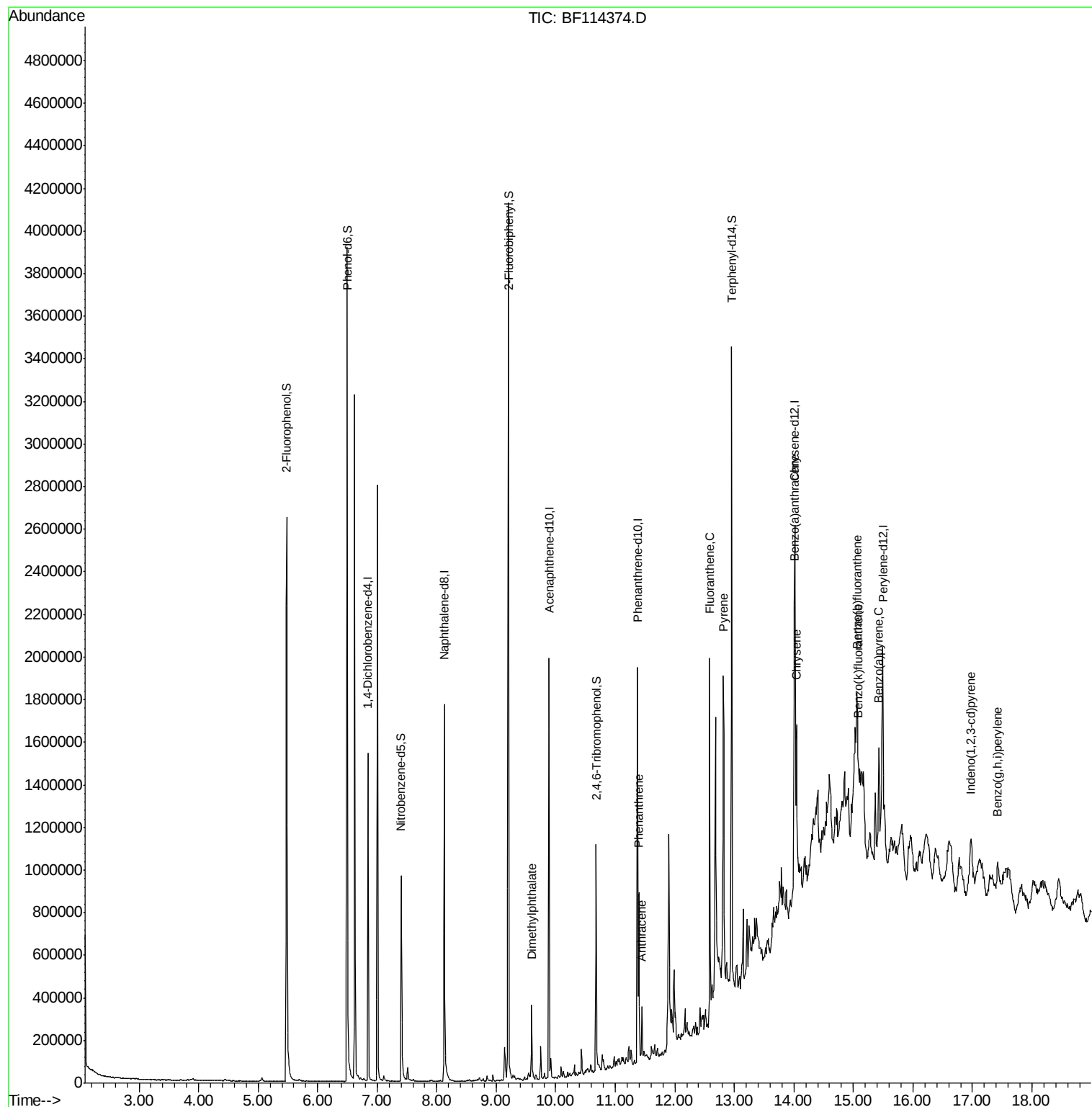
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051719\
Data File : BF114374.D
Acq On : 18 May 2019 2:55
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Misc :
ALS Vial : 34 Sample Multiplier: 1

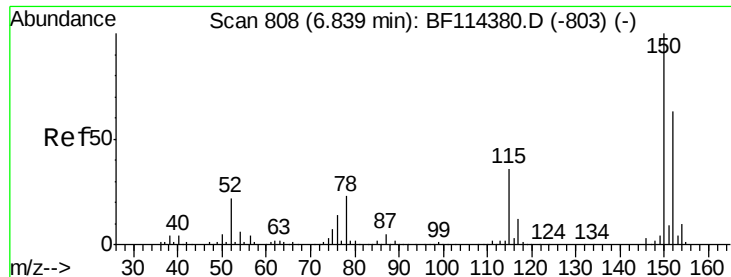
Instrument :
BNA_F
ClientSampled :
SS-02-0-1

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Quant Time: May 18 06:39:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

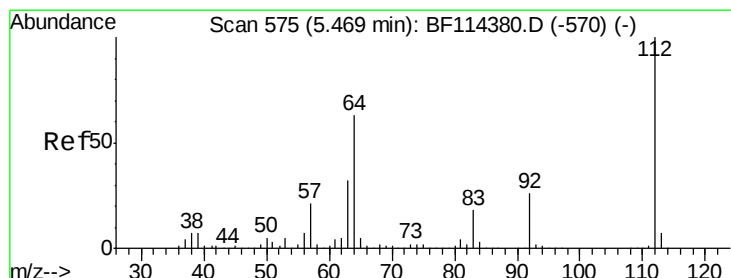
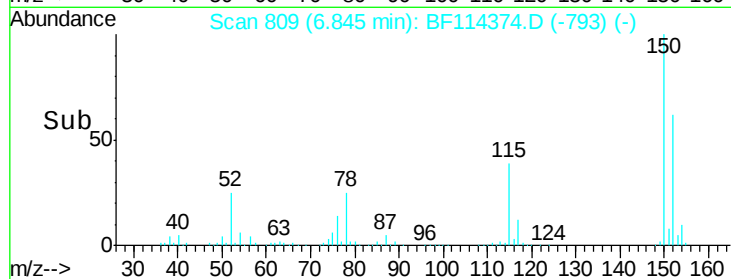
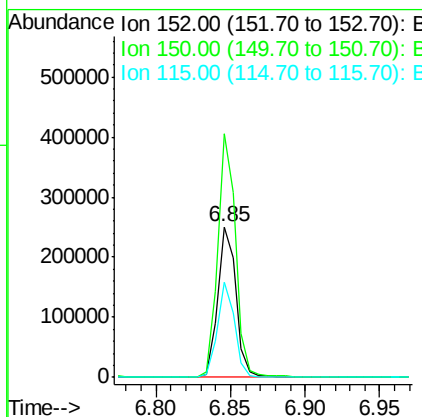
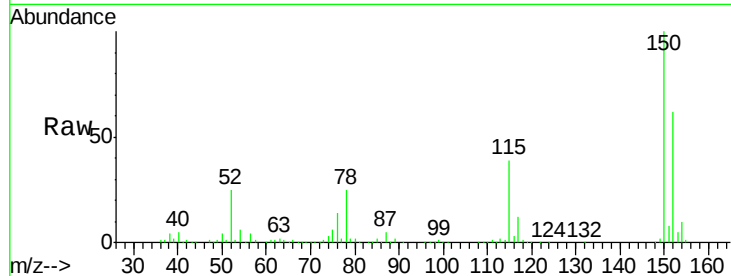
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF114374.D
Acq: 18 May 2019 2:55

Instrument :
BNA_F
ClientSampled :
SS-02-0-1

Tgt Ion	Ratio	Lower	Upper
152	100		
150	161.8	124.3	186.5
115	63.3	49.1	73.7

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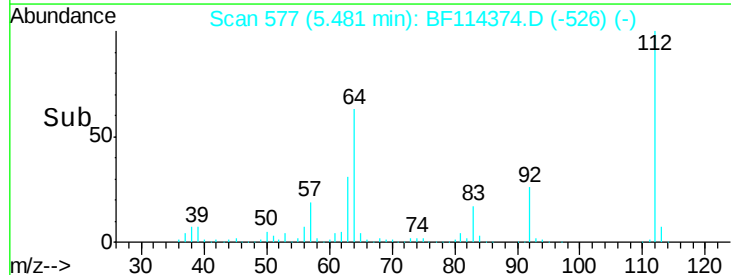
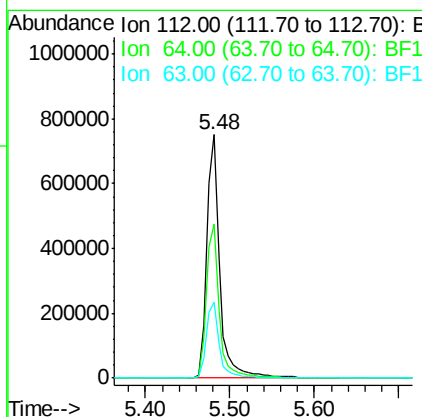
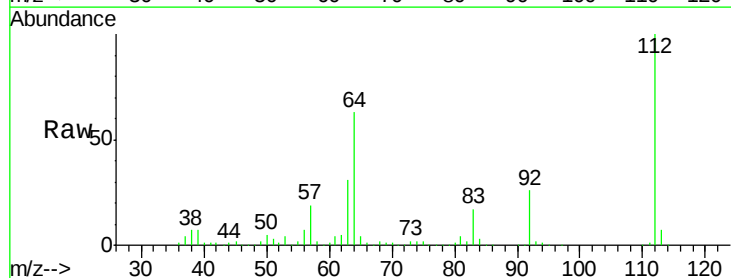
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#5

2-Fluorophenol
Concen: 60.134 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF114374.D
Acq: 18 May 2019 2:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.0	49.0	73.6
63	31.0	24.6	37.0





#7

Phenol-d6

Concen: 66.517 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF114374.D

Acq: 18 May 2019 2:55

Instrument :

BNA_F

ClientSampleId :

SS-02-0-1

Tgt Ion: 99 Resp: 1053469

Ion Ratio Lower Upper

99 100

42 26.6 17.9 26.9

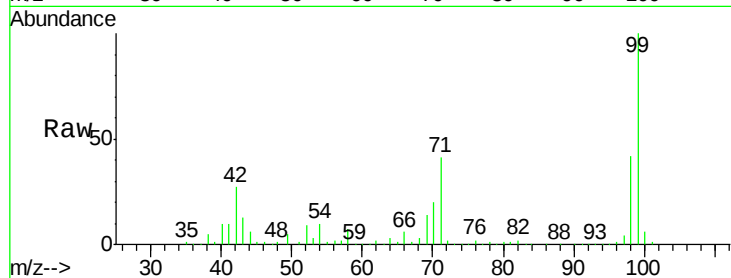
71 41.5 26.2 39.2#

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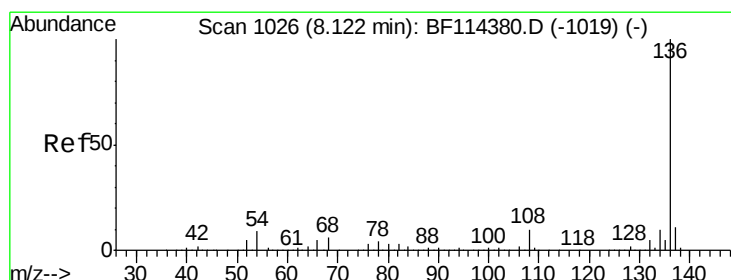
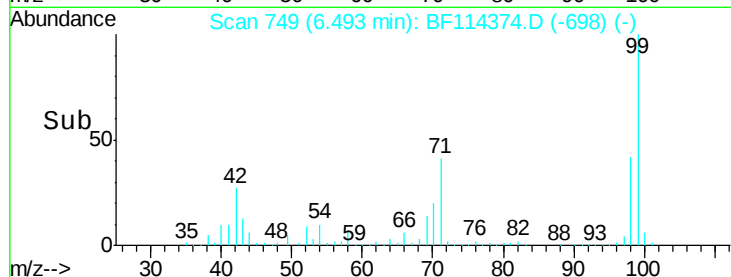
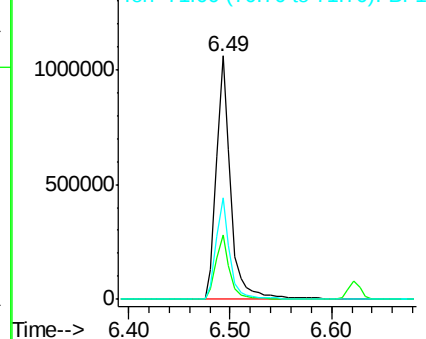
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Abundance Ion 99.00 (98.70 to 99.70): BF1

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: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF114374.D

Acq: 18 May 2019 2:55

Tgt Ion: 136 Resp: 841986

Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 9.9 7.8 11.8

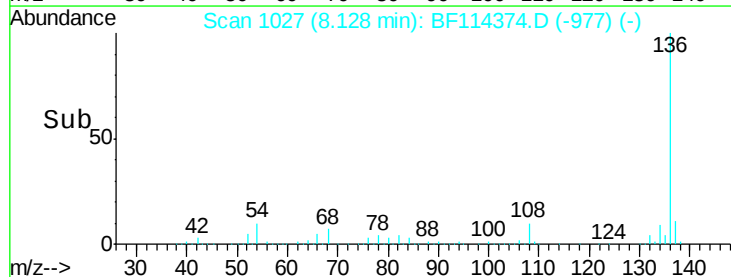
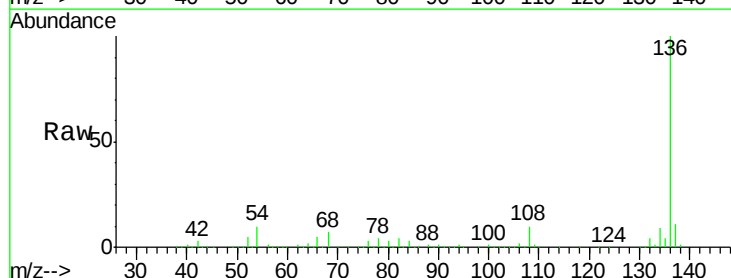
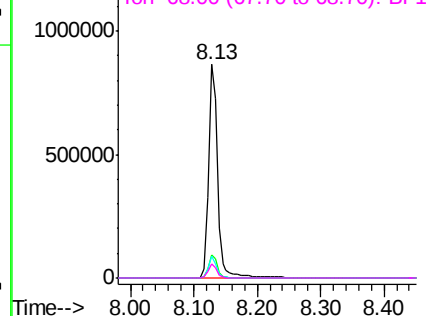
68 6.9 5.1 7.7

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





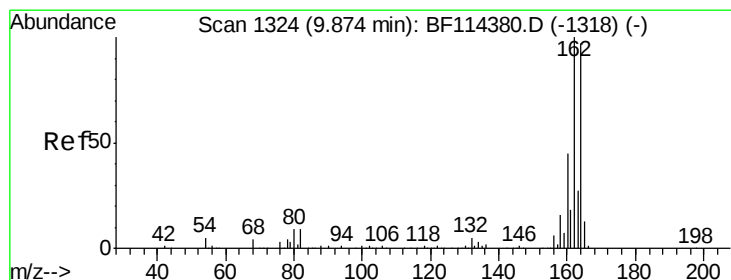
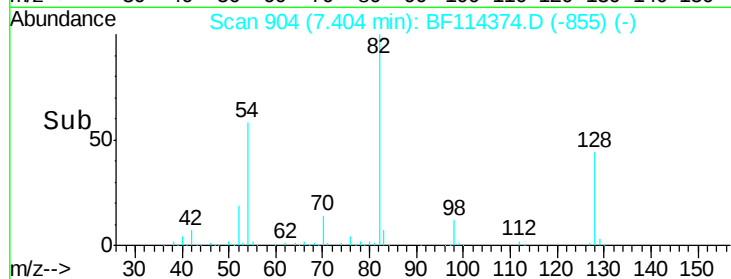
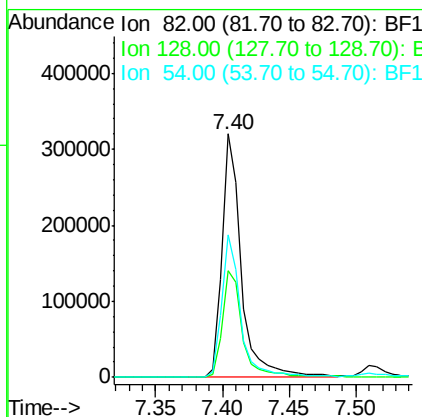
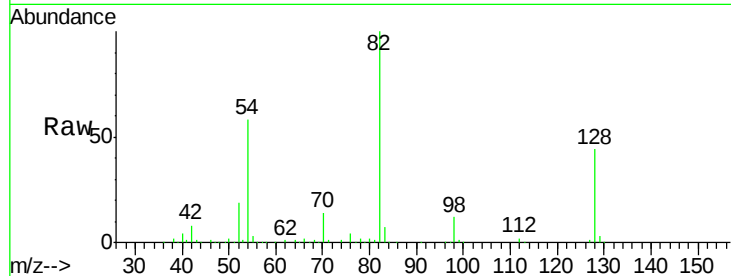
#23
 Nitrobenzene-d5
 Concen: 21.949 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF114374.D
 Acq: 18 May 2019 2:55

Instrument :
 BNA_F
 ClientSampleId :
 SS-02-0-1

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	44.0	35.5	53.3
54	58.4	48.5	72.7

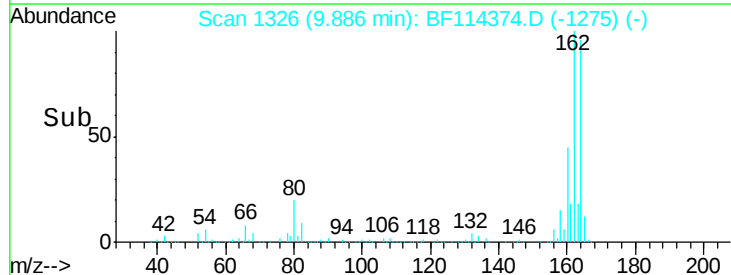
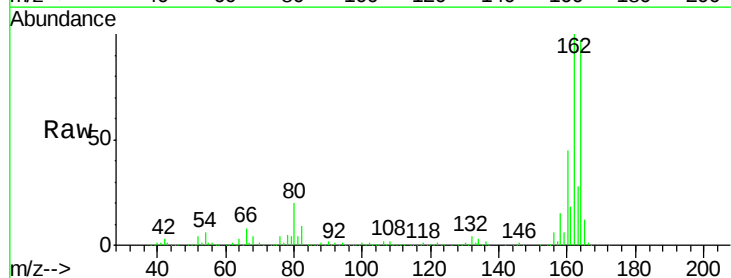
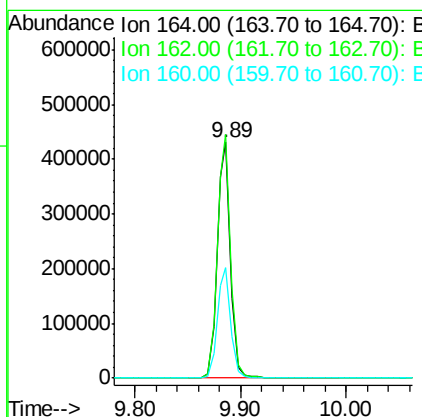
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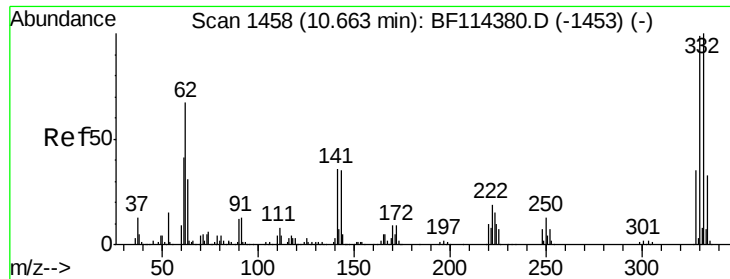
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF114374.D
 Acq: 18 May 2019 2:55

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
162	103.3	80.6	120.8
160	46.8	36.5	54.7





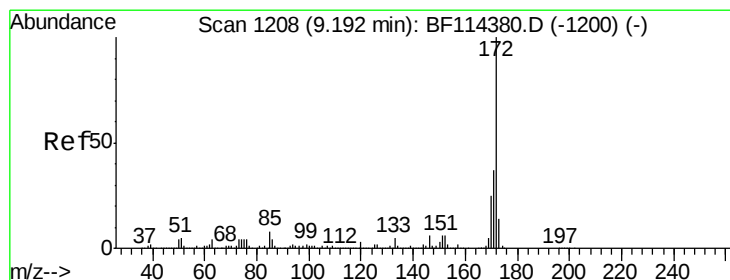
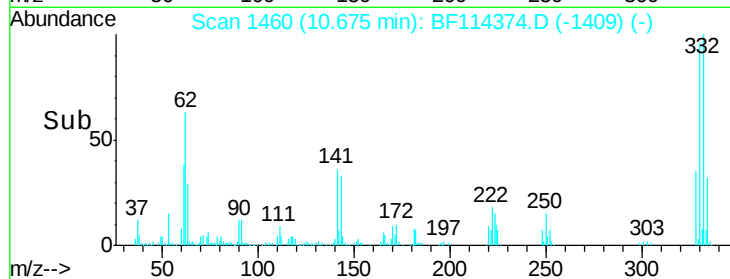
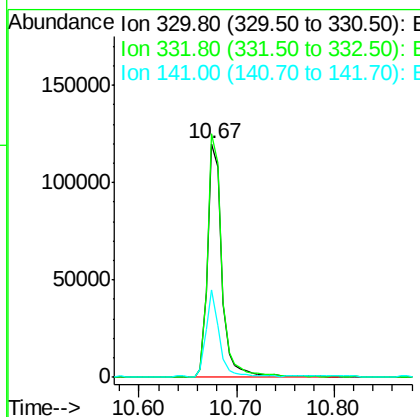
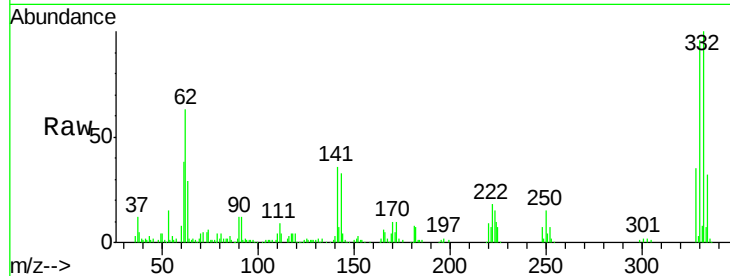
#42
 2,4,6-Tribromophenol
 Concen: 31.591 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. 0.00 min
 Lab File: BF114374.D
 Acq: 18 May 2019 2:55

Instrument :
 BNA_F
 ClientSampleId :
 SS-02-0-1

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	125072		
332	102.4	81.4	122.2	
141	33.4	26.6	40.0	

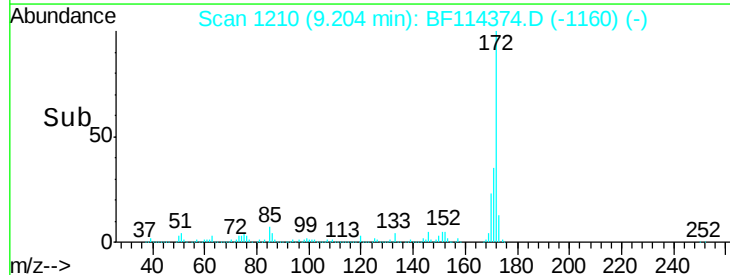
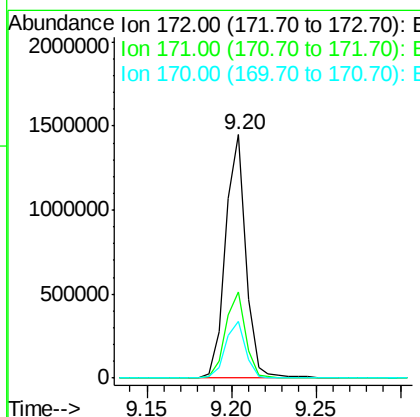
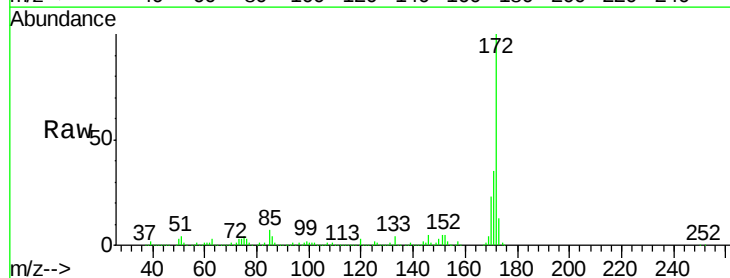
Manual Integrations
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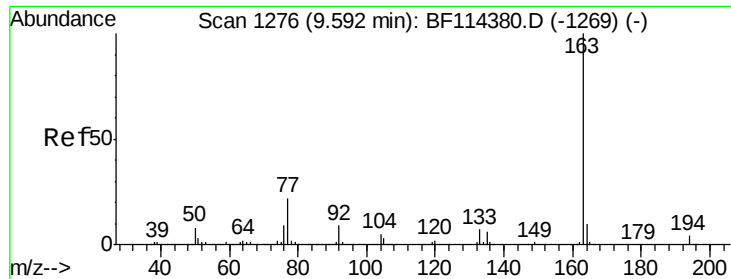
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#45
 2-Fluorobiphenyl
 Concen: 48.073 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF114374.D
 Acq: 18 May 2019 2:55

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1217032		
171	35.4	30.7	46.1	
170	23.3	20.5	30.7	





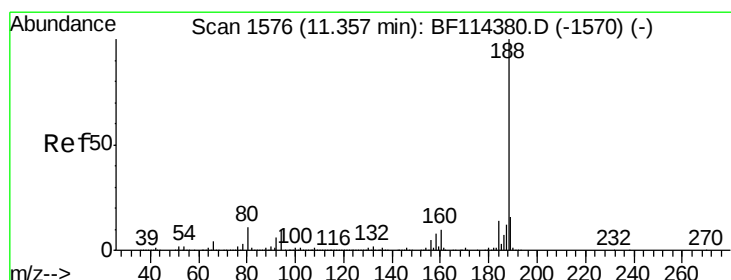
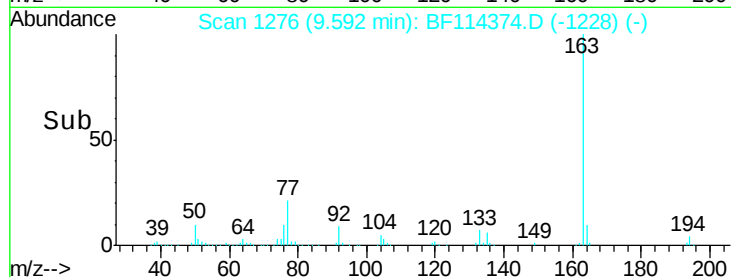
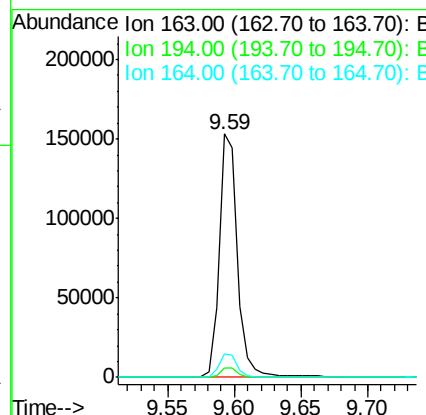
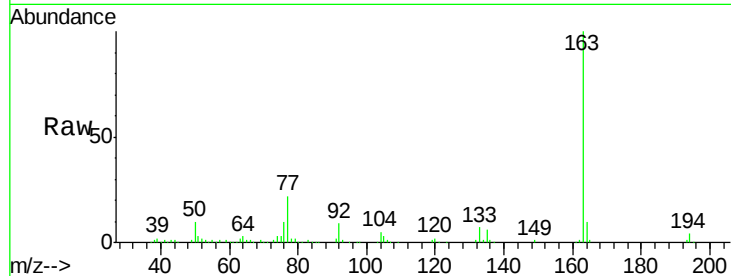
#50
Dimethylphthalate
Concen: 5.267 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF114374.D
Acq: 18 May 2019 2:55

Instrument :
BNA_F
ClientSampleId :
SS-02-0-1

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.1	3.4	5.0
164	9.7	8.2	12.2

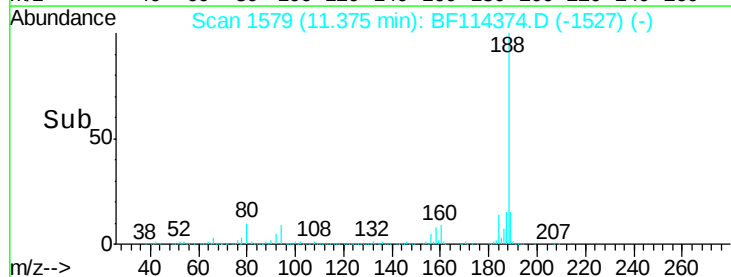
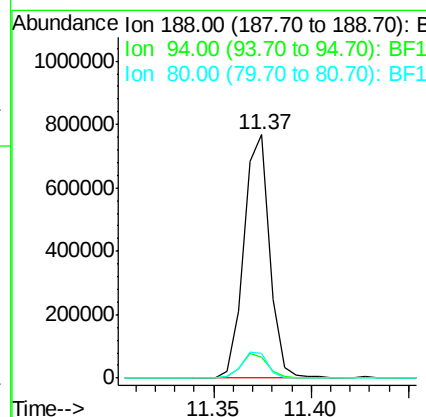
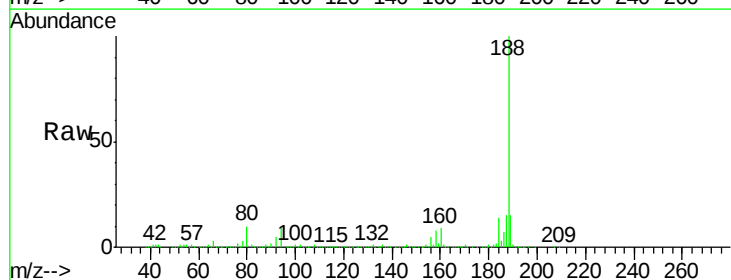
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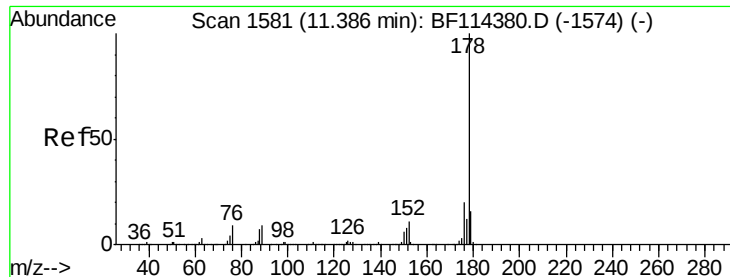
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.01 min
Lab File: BF114374.D
Acq: 18 May 2019 2:55

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.7	8.4	12.6
80	10.0	9.2	13.8





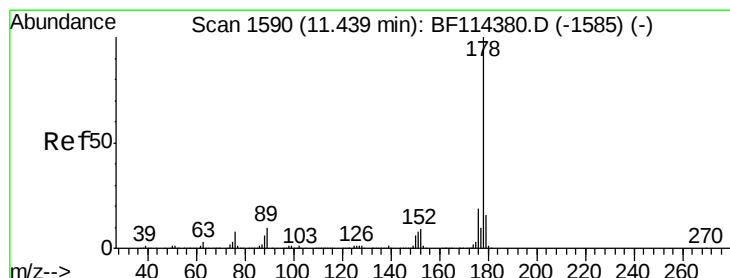
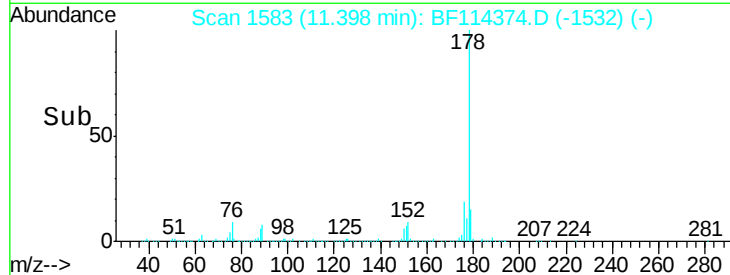
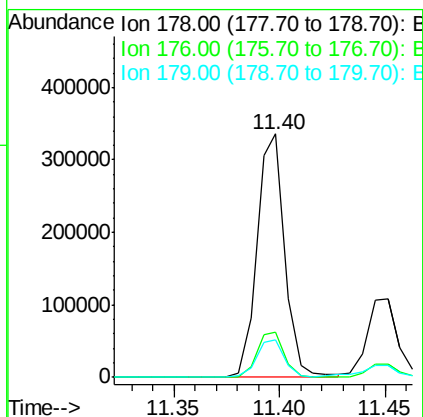
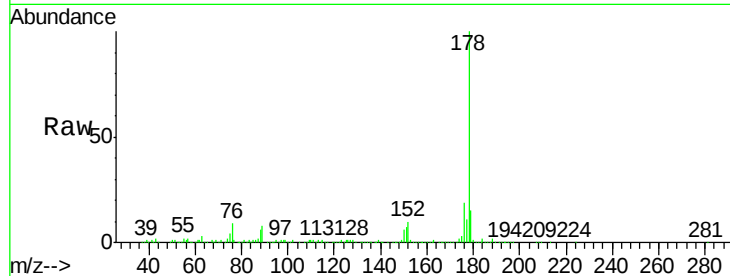
#71
Phenanthrene
Concen: 8.907 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BF114374.D
Acq: 18 May 2019 2:55

Instrument :
BNA_F
ClientSampleId :
SS-02-0-1

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.4	24.6
179	15.4	13.2	19.8

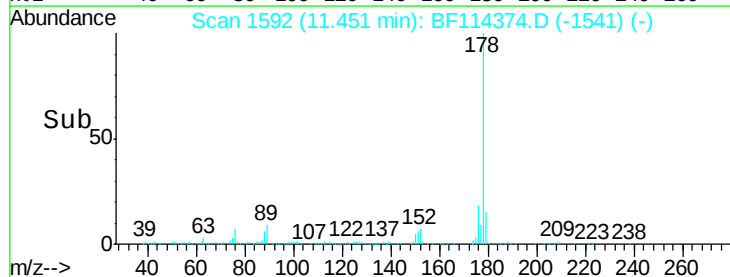
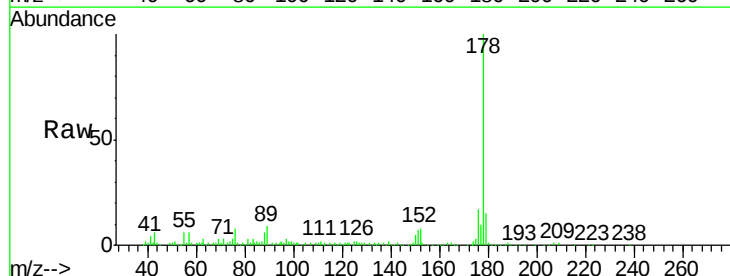
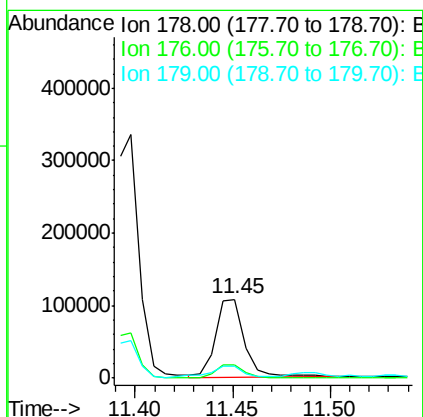
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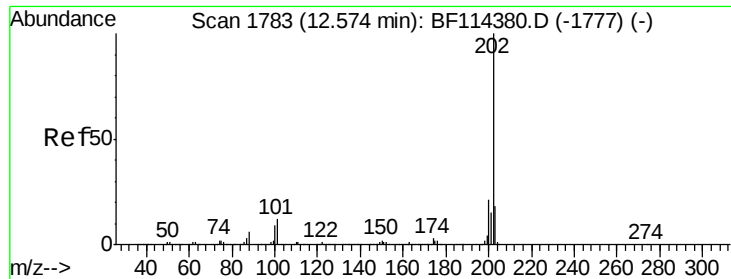
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#72
Anthracene
Concen: 3.183 ng
RT: 11.45 min Scan# 1592
Delta R.T. 0.00 min
Lab File: BF114374.D
Acq: 18 May 2019 2:55

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.4	15.8	23.8
179	15.3	13.0	19.4





#75

Fluoranthene

Concen: 18.568 ng

RT: 12.59 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF114374.D

Acq: 18 May 2019 2:55

Instrument :

BNA_F

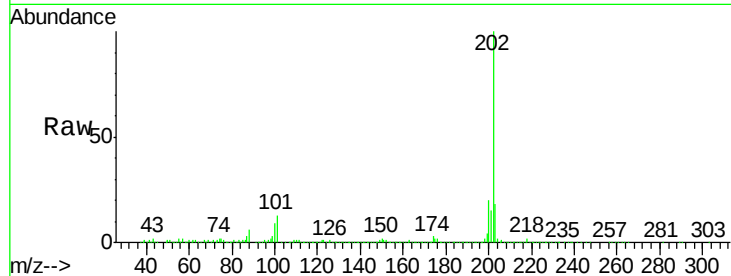
ClientSampled :

SS-02-0-1

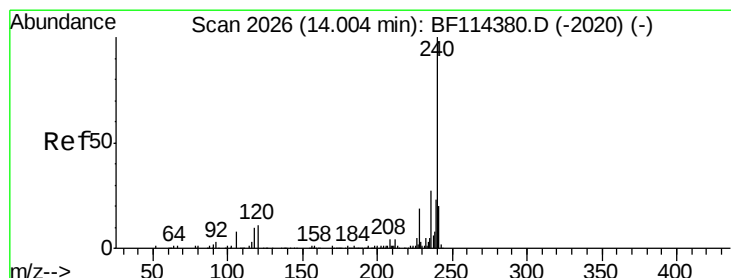
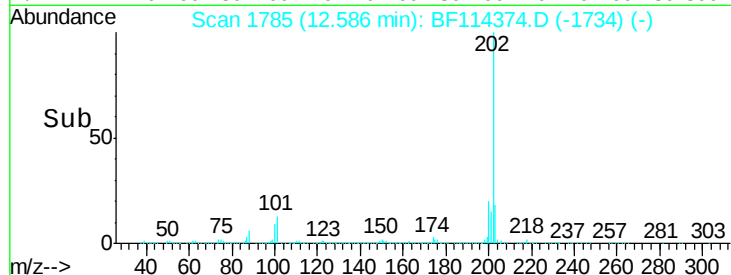
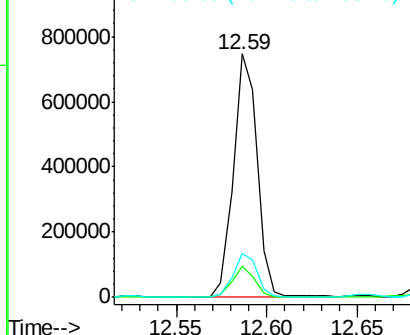
Tgt	Ion	202	Resp:	683153
Ion	Ratio	Lower	Upper	
202	100			
101	12.7	0.0	31.0	
203	17.9	0.0	38.4	

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

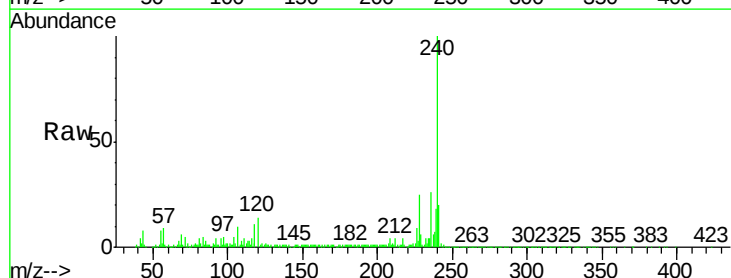
RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

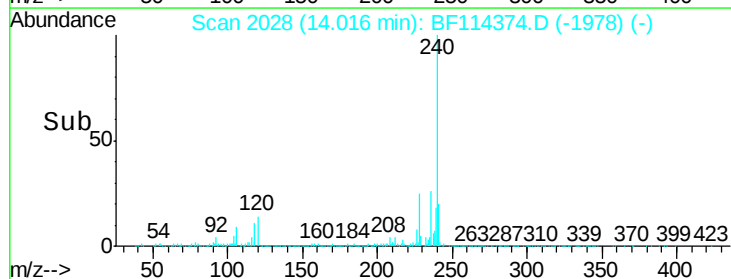
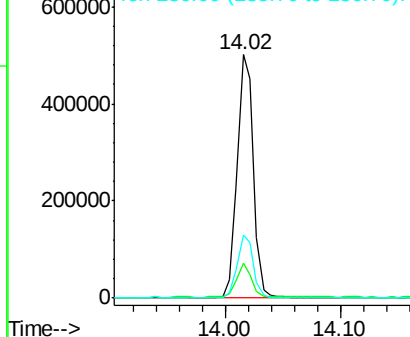
Lab File: BF114374.D

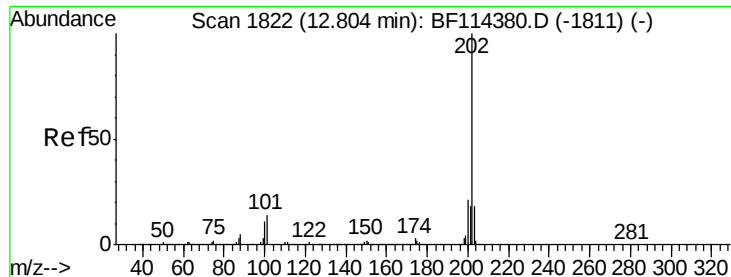
Acq: 18 May 2019 2:55

Tgt	Ion	240	Resp:	483317
Ion	Ratio	Lower	Upper	
240	100			
120	14.2	8.3	12.5#	
236	25.8	20.8	31.2	



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





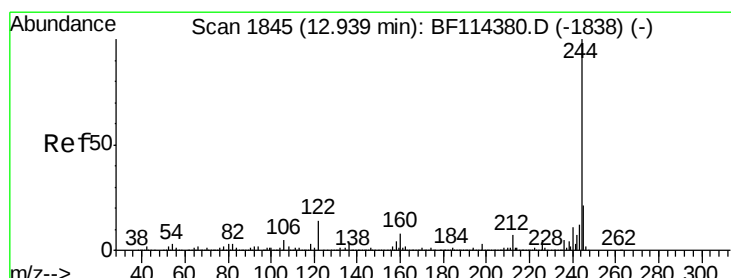
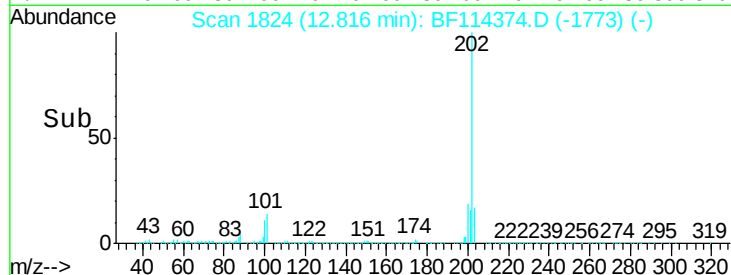
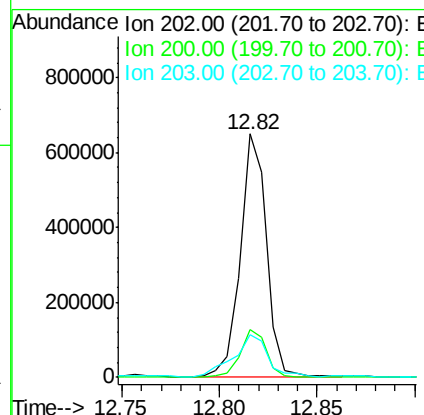
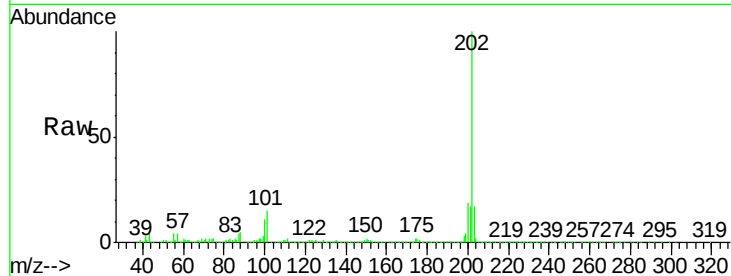
#78
Pyrene
Concen: 15.478 ng
RT: 12.82 min Scan# 1824
Delta R.T. 0.00 min
Lab File: BF114374.D
Acq: 18 May 2019 2:55

Instrument :
BNA_F
ClientSampleId :
SS-02-0-1

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	19.5	16.9	25.3
203	17.3	14.5	21.7

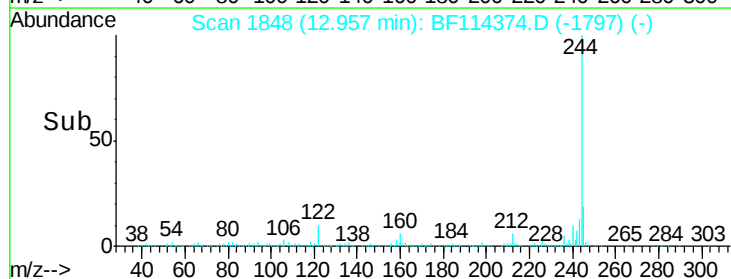
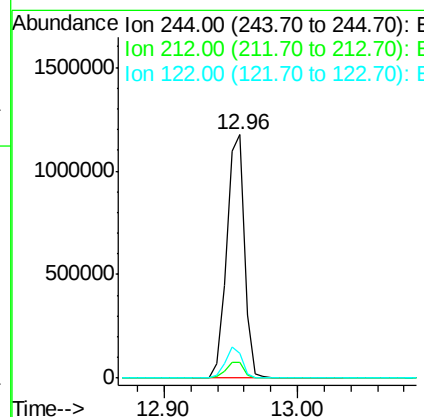
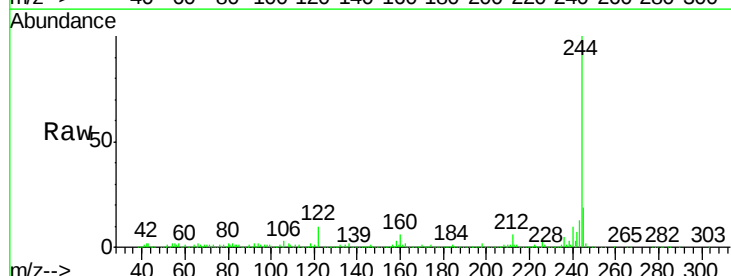
Manual Integrations
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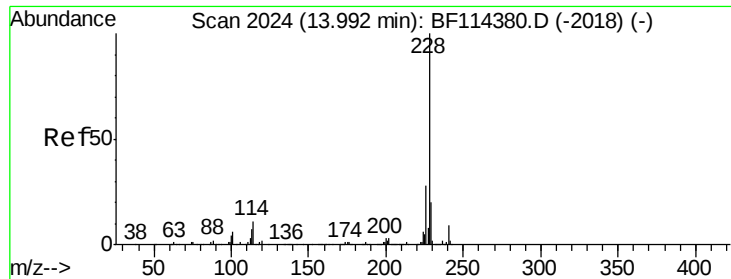
mohammad
5/21/2019 2:16:43 PM



#79
Terphenyl-d14
Concen: 47.240 ng
RT: 12.96 min Scan# 1848
Delta R.T. 0.00 min
Lab File: BF114374.D
Acq: 18 May 2019 2:55

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.3	5.8	8.6
122	10.0	9.4	14.2





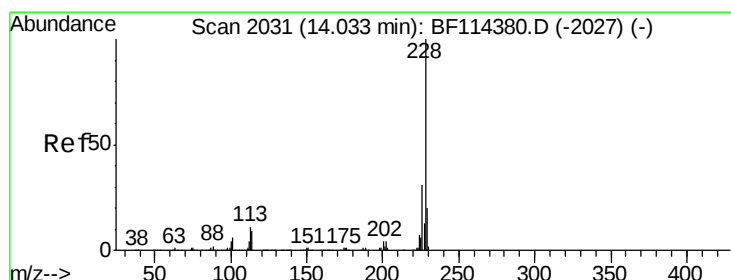
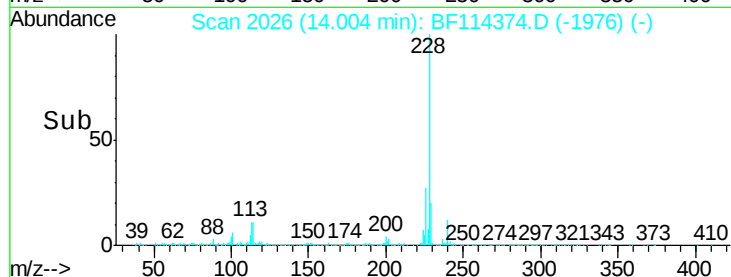
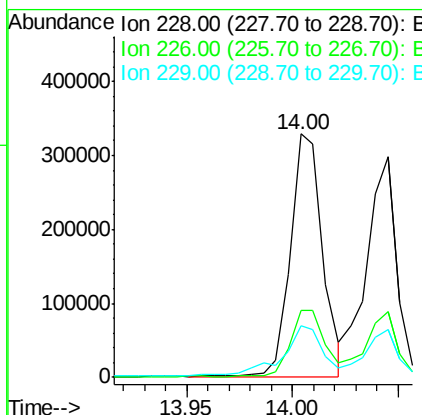
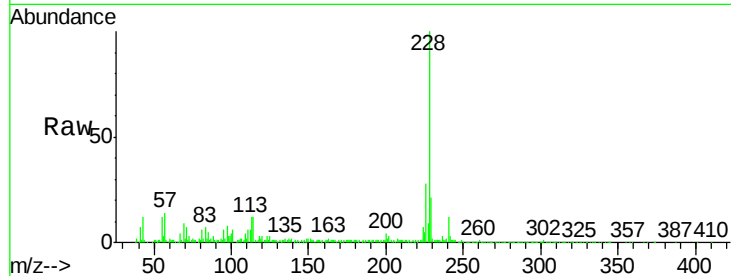
#81
Benzo(a)anthracene
Concen: 11.084 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF114374.D
Acq: 18 May 2019 2:55

Instrument :
BNA_F
ClientSampleId :
SS-02-0-1

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	346505		
226	27.5	22.2	33.2	
229	21.0	16.4	24.6	

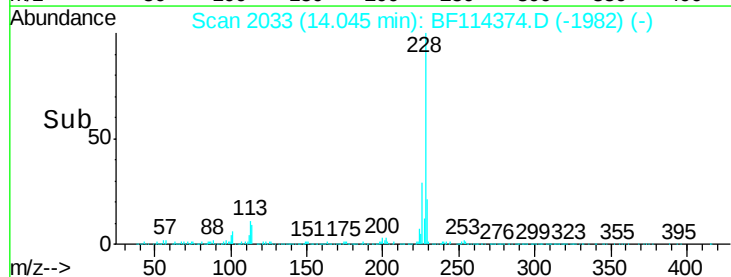
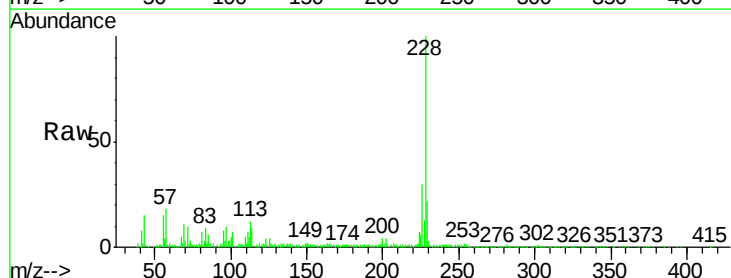
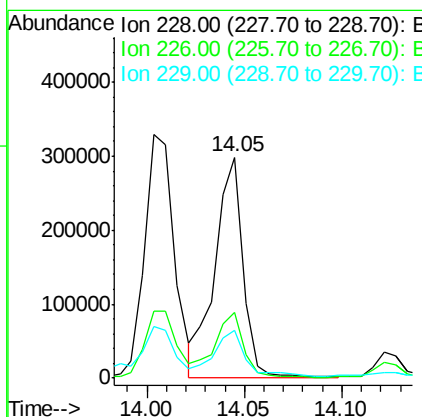
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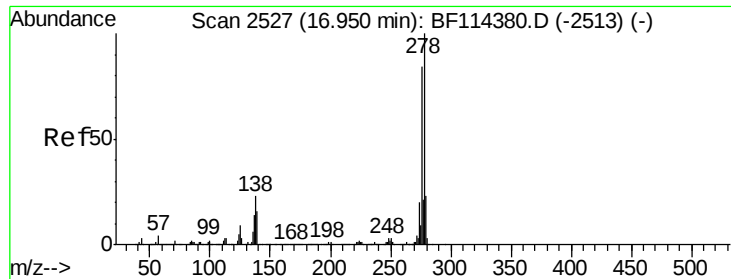
mohammad
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#83
Chrysene
Concen: 9.695 ng
RT: 14.05 min Scan# 2033
Delta R.T. 0.00 min
Lab File: BF114374.D
Acq: 18 May 2019 2:55

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	297093		
226	29.6	25.0	37.6	
229	21.5	17.0	25.6	





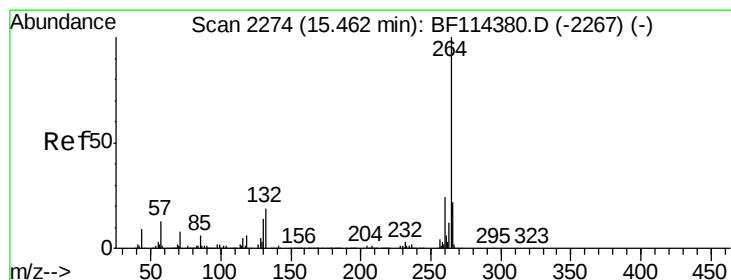
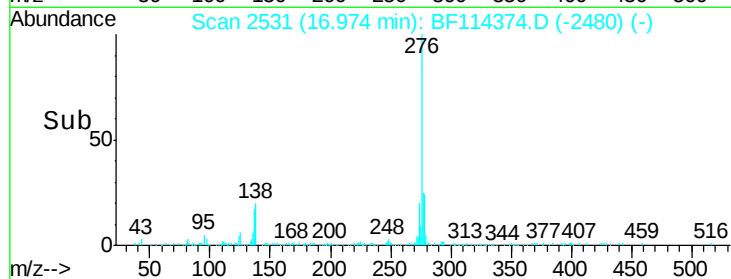
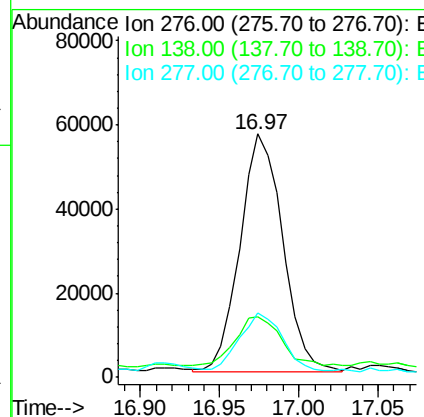
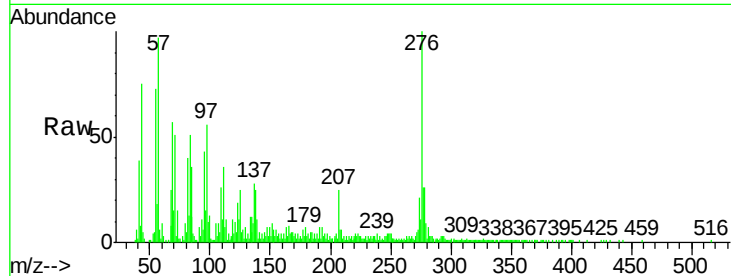
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 3.929 ng
 RT: 16.97 min Scan# 2531
 Delta R.T. 0.00 min
 Lab File: BF114374.D
 Acq: 18 May 2019 2:55

Instrument :
 BNA_F
 ClientSampleId :
 SS-02-0-1

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	106417		
138	24.7	20.2	30.2	
277	23.6	20.0	30.0	

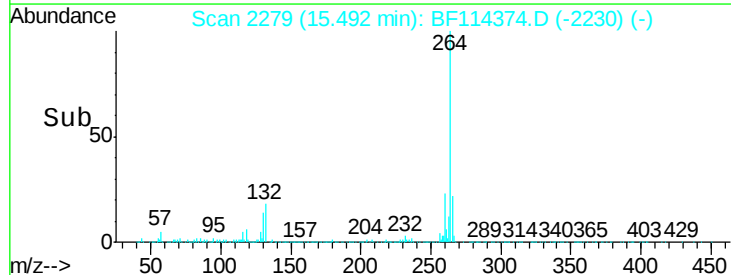
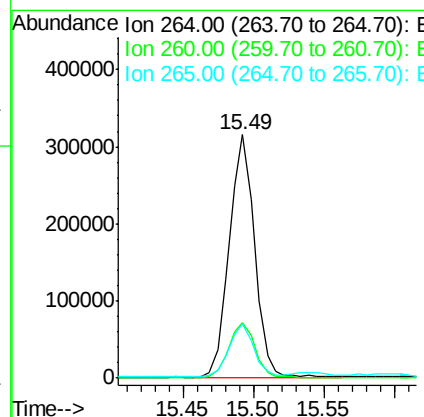
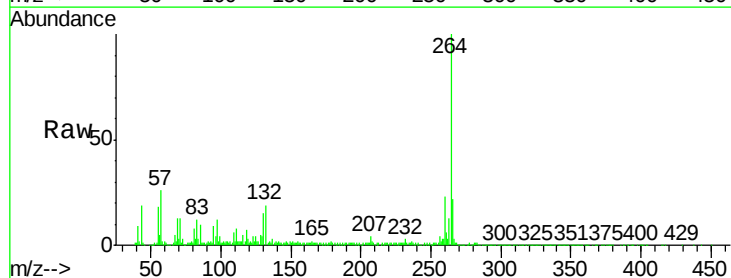
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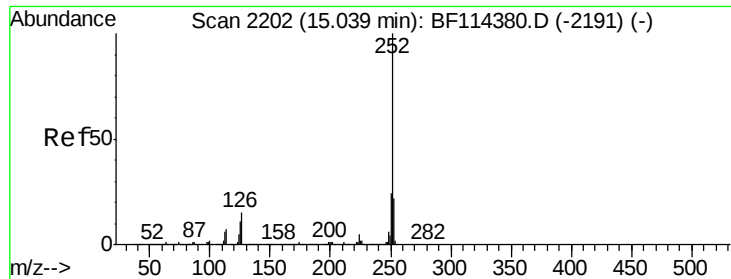
mohammad
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#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. -0.01 min
 Lab File: BF114374.D
 Acq: 18 May 2019 2:55

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	391779		
260	23.0	19.4	29.0	
265	22.0	16.9	25.3	





#88

Benzo(b)fluoranthene

Concen: 12.947 ng m

RT: 15.06 min Scan# 2206

Delta R.T. -0.02 min

Lab File: BF114374.D

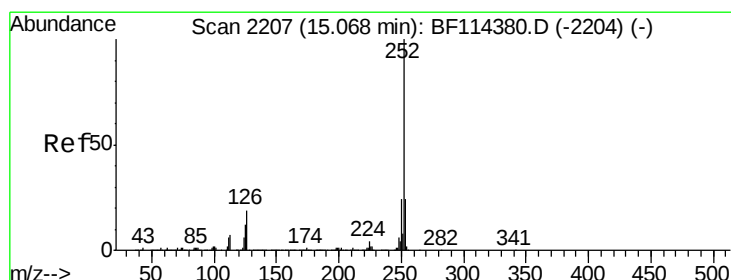
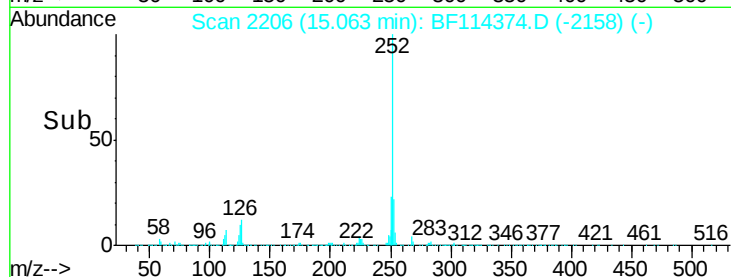
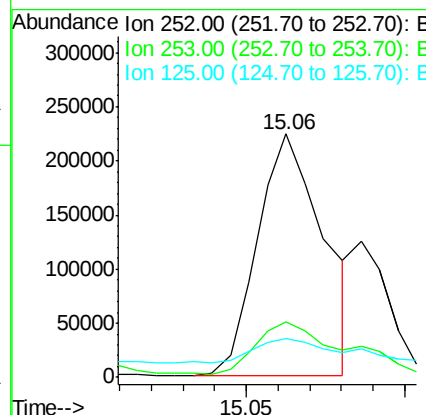
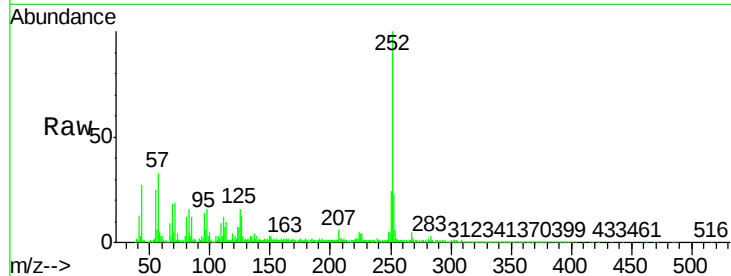
Acq: 18 May 2019 2:55

Instrument :
BNA_F
ClientSampleId :
SS-02-0-1

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	15.9	8.3	12.5

Manual Integrations
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#89

Benzo(k)fluoranthene

Concen: 4.344 ng m

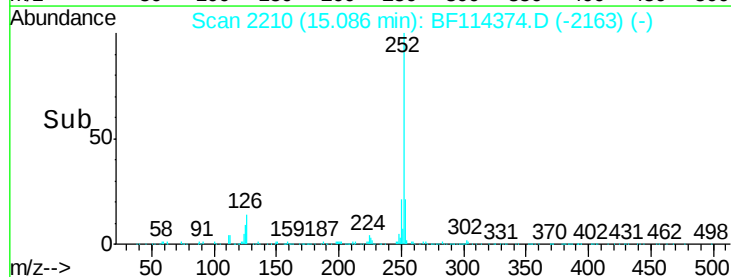
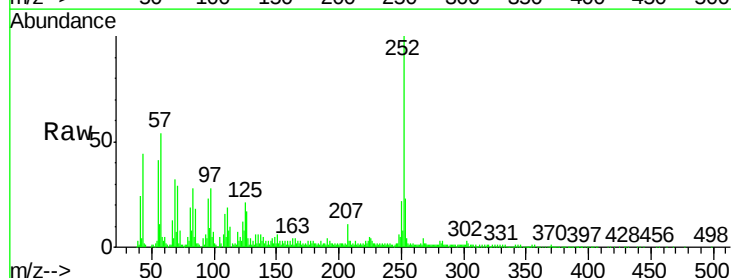
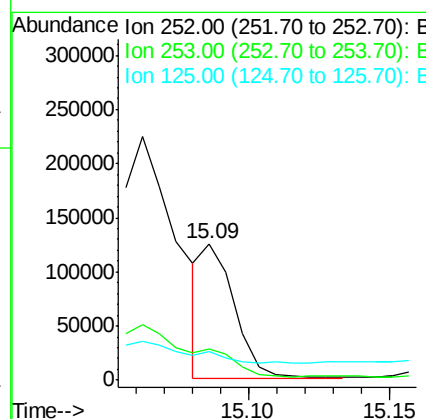
RT: 15.09 min Scan# 2210

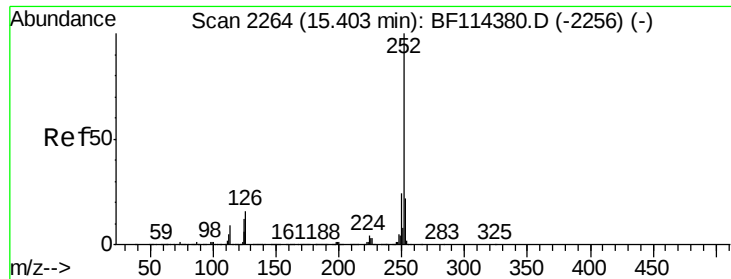
Delta R.T. -0.02 min

Lab File: BF114374.D

Acq: 18 May 2019 2:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.2
125	20.5	8.6	13.0





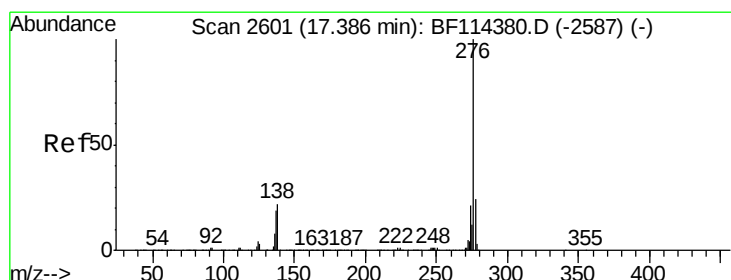
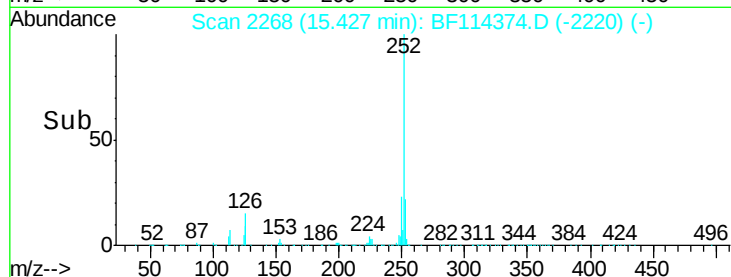
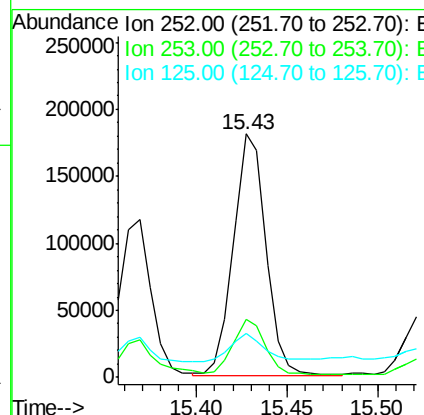
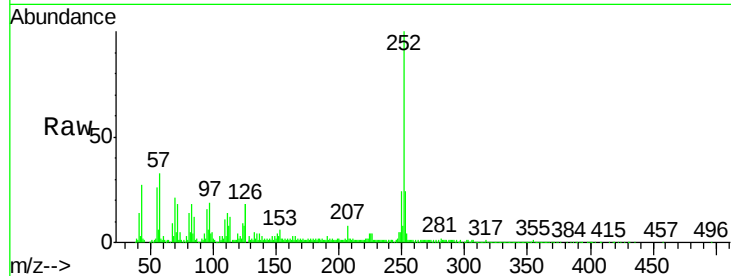
#90
Benzo(a)pyrene
Concen: 10.207 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.02 min
Lab File: BF114374.D
Acq: 18 May 2019 2:55

Instrument :
BNA_F
ClientSampled :
SS-02-0-1

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	23.6	18.1	27.1
125	18.1	9.5	14.3

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 5.092 ng
RT: 17.43 min Scan# 2608
Delta R.T. 0.01 min
Lab File: BF114374.D
Acq: 18 May 2019 2:55

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
277	24.7	19.0	28.4
138	27.3	17.8	26.6

