

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
 Data File : BF114840.D
 Acq On : 6 Jun 2019 1:15
 Operator : HP/JU
 Sample : K3182-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-06-COMP

Manual Integrations
 APPROVED

mohammad
 6/6/2019 4:50:42 PM

Quant Time: Jun 06 07:49:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 04 16:57:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	347599	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1324797	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	672050	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	1308720	20.00	ng	0.00
76) Chrysene-d12	13.79	240	902519	20.00	ng	0.00
87) Perylene-d12	15.17	264	943633	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	2382310	119.76	ng	0.02
7) Phenol-d6	6.31	99	2940663	121.49	ng	0.00
23) Nitrobenzene-d5	7.23	82	1850932	86.01	ng	0.00
42) 2,4,6-Tribromophenol	10.48	330	891388	123.08	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	3099339	86.39	ng	0.00
79) Terphenyl-d14	12.76	244	3336626	71.90	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.42	163	757194	15.426	ng	99
75) Fluoranthene	12.37	202	191411	2.944	ng	96
78) Pyrene	12.60	202	171294	2.188	ng	95
88) Benzo(b)fluoranthene	14.78	252	162378m	2.703	ng	
90) Benzo(a)pyrene	15.11	252	114513	2.202	ng	98

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

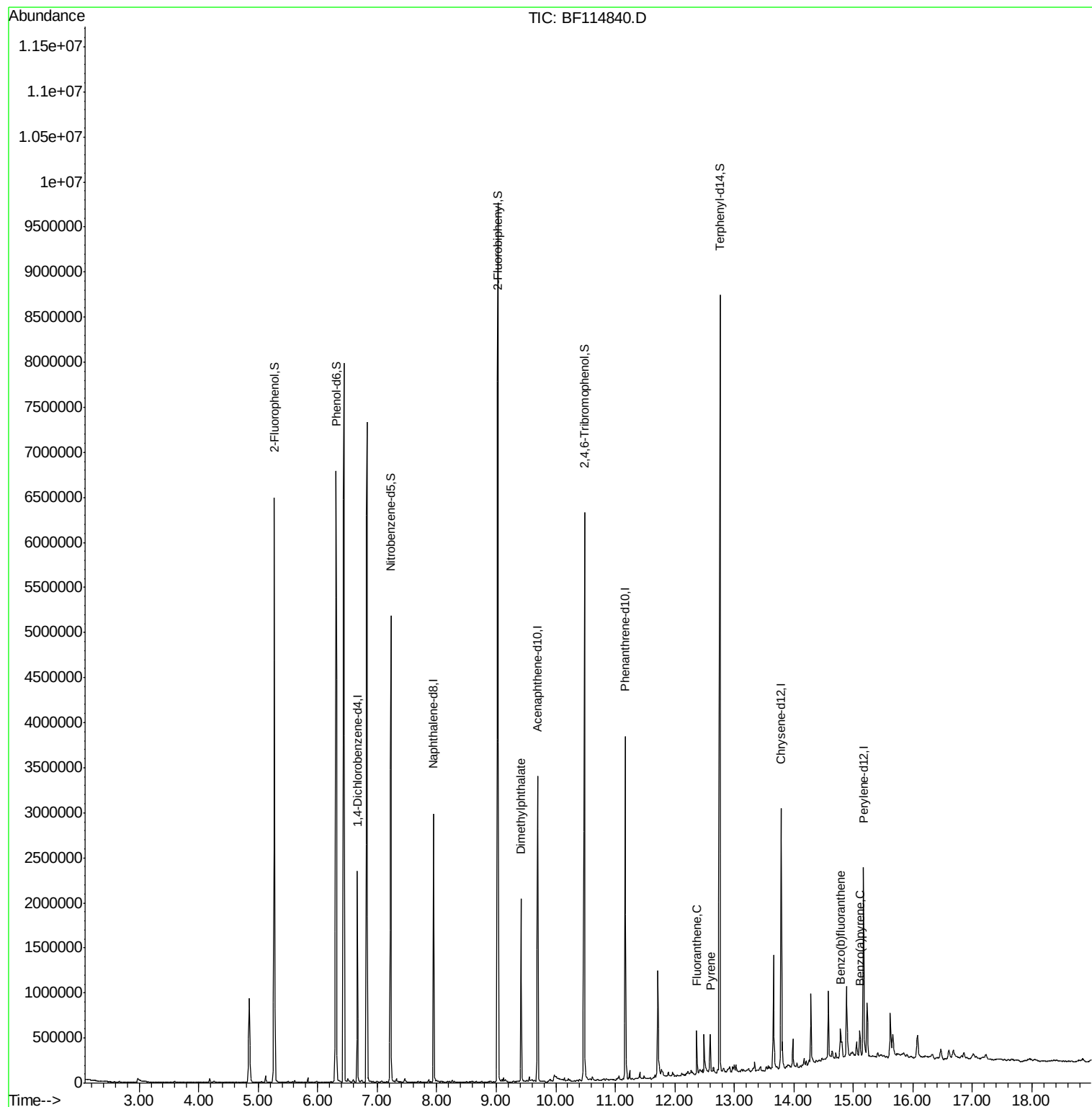
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
Data File : BF114840.D
Acq On : 6 Jun 2019 1:15
Operator : HP/JU
Sample : K3182-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

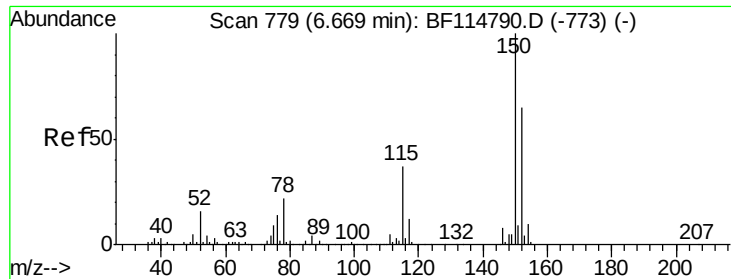
Instrument :
BNA_F
ClientSampleId :
B-06-COMP

Manual Integrations
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6/6/2019 4:50:42 PM

Quant Time: Jun 06 07:49:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

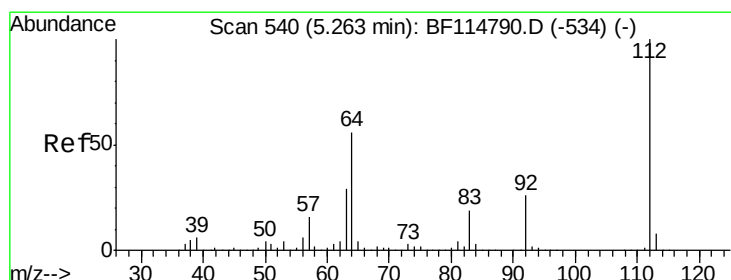
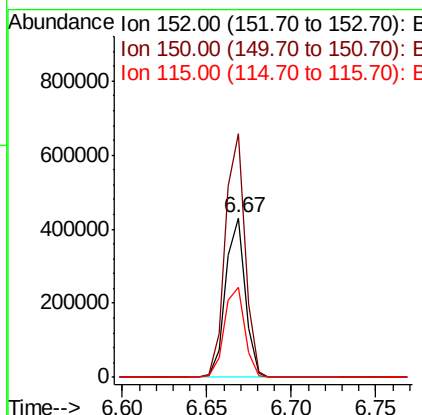
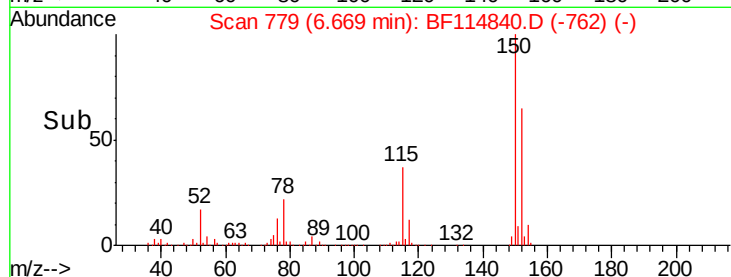
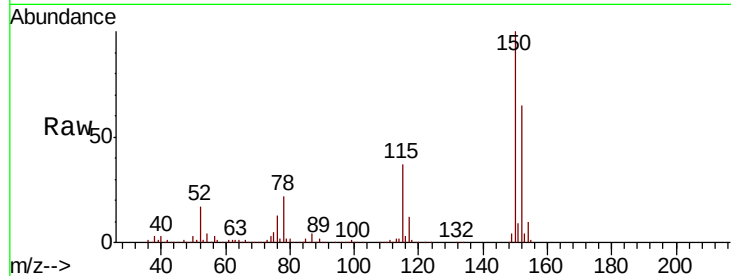
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF114840.D
Acq: 6 Jun 2019 1:15

Instrument :
BNA_F
ClientSampleId :
B-06-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.0	124.0	186.0
115	56.4	46.3	69.5

Manual Integrations
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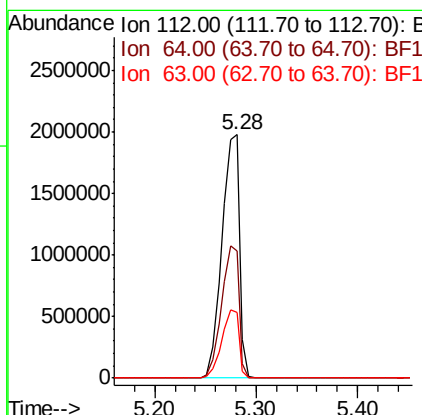
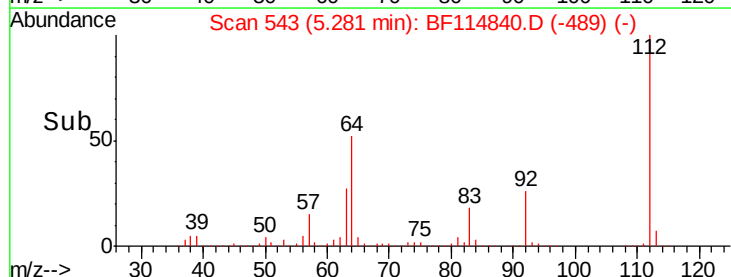
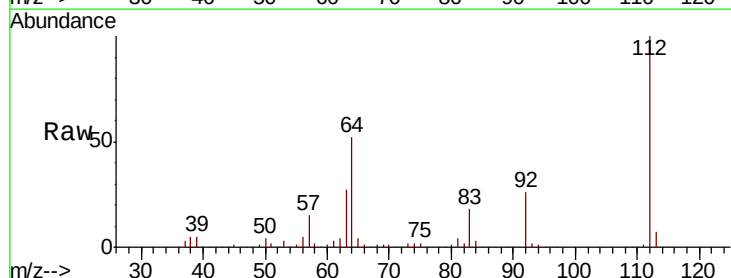
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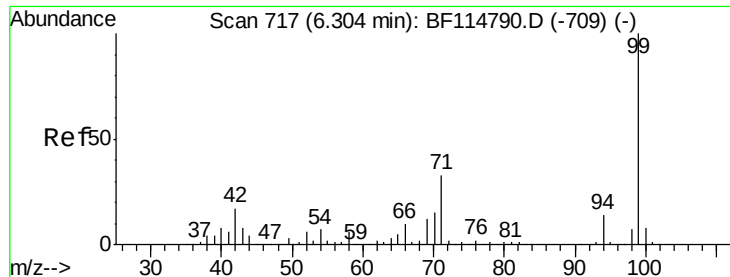


#5

2-Fluorophenol
Concen: 119.757 ng
RT: 5.28 min Scan# 543
Delta R.T. 0.02 min
Lab File: BF114840.D
Acq: 6 Jun 2019 1:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.4	44.6	66.8
63	26.9	23.0	34.4





#7

Phenol-d6

Concen: 121.486 ng

RT: 6.31 min Scan# 718

Delta R.T. 0.01 min

Lab File: BF114840.D

Acq: 6 Jun 2019 1:15

Instrument :

BNA_F

ClientSampleId :

B-06-COMP

Tot Ion: 99 Resp: 2940663

Ion Ratio Lower Upper

99 100

42 17.5 13.3 19.9

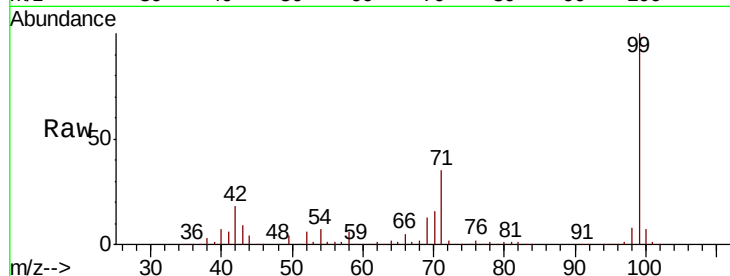
71 34.9 26.3 39.5

Manual Integrations

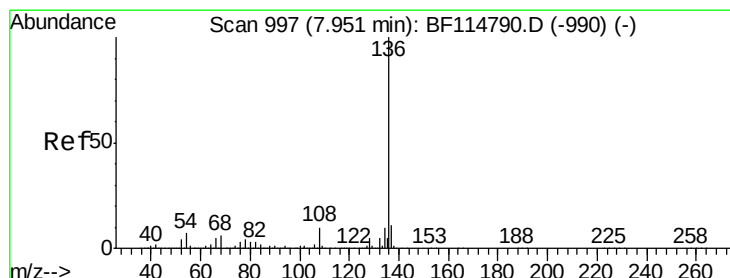
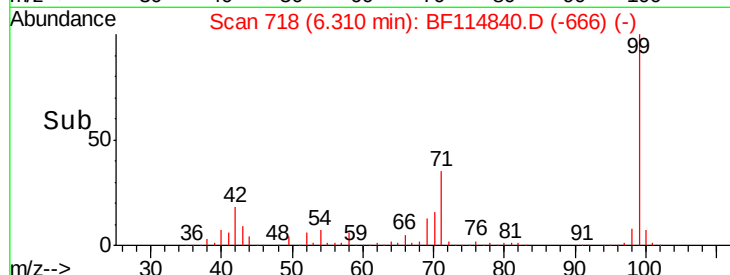
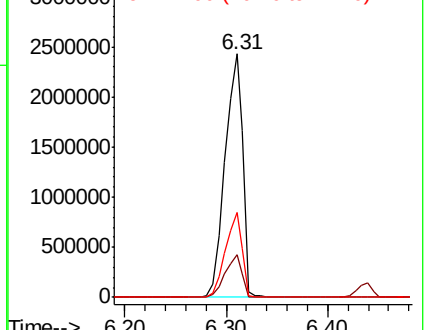
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF114840.D

Acq: 6 Jun 2019 1:15

Tgt Ion: 136 Resp: 1324797

Ion Ratio Lower Upper

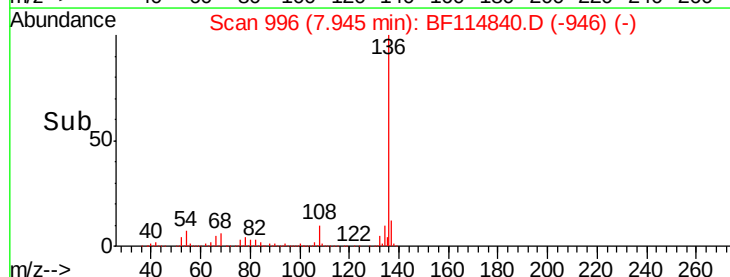
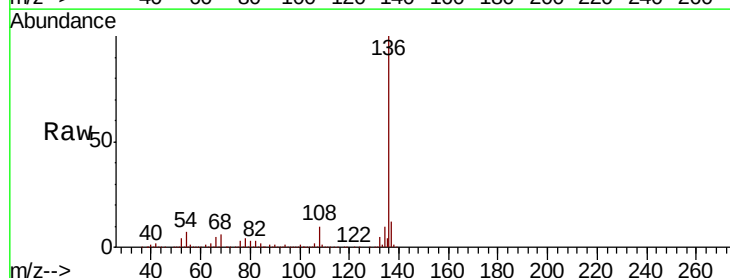
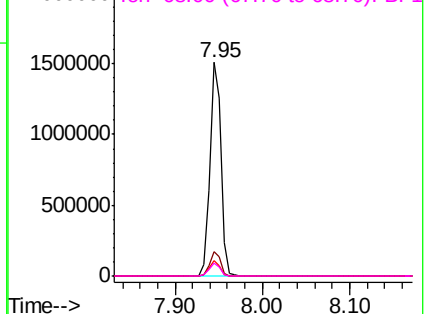
136 100

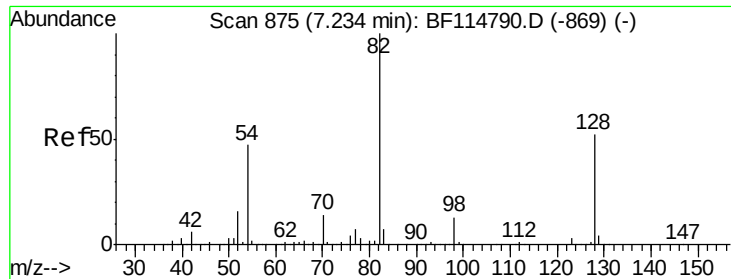
137 11.5 9.1 13.7

54 7.2 5.4 8.0

68 6.2 4.6 6.8

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





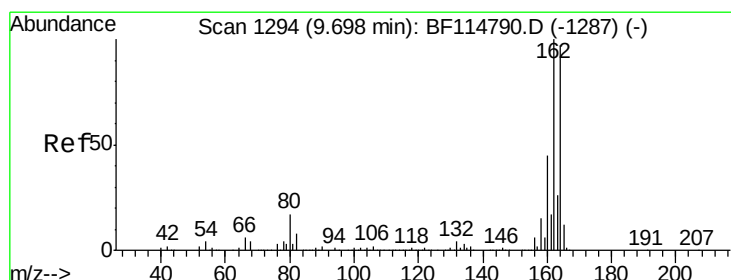
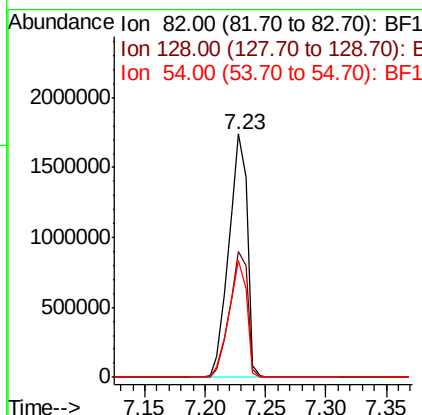
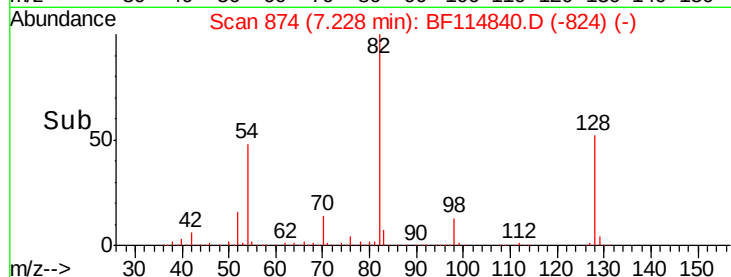
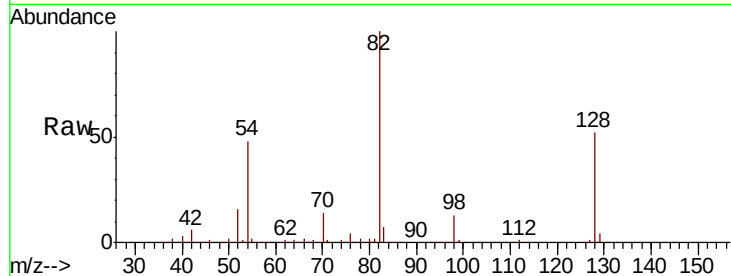
#23
 Nitrobenzene-d5
 Concen: 86.006 ng
 RT: 7.23 min Scan# 874
 Delta R.T. -0.01 min
 Lab File: BF114840.D
 Acq: 6 Jun 2019 1:15

Instrument :
 BNA_F
 ClientSampleId :
 B-06-COMP

Tot Ion	Ratio	Lower	Upper
82	100		
128	51.8	41.8	62.6
54	48.2	37.9	56.9

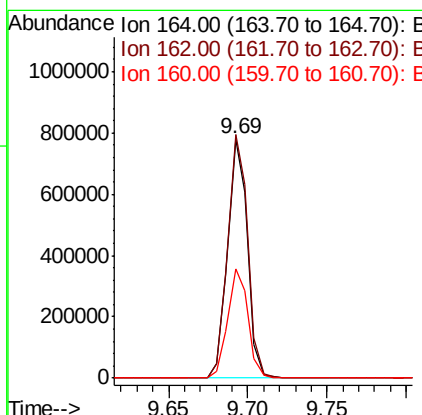
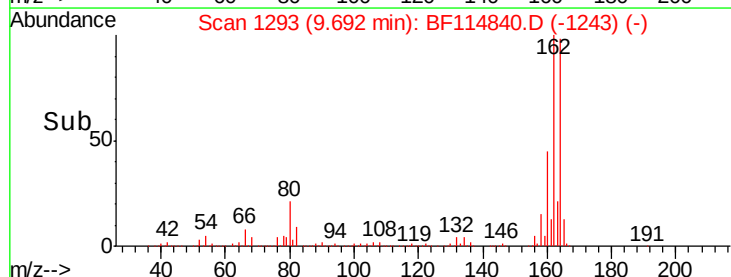
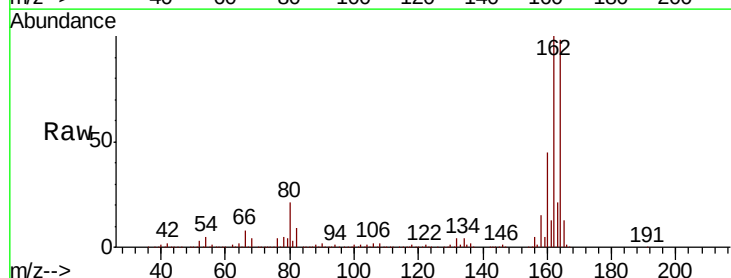
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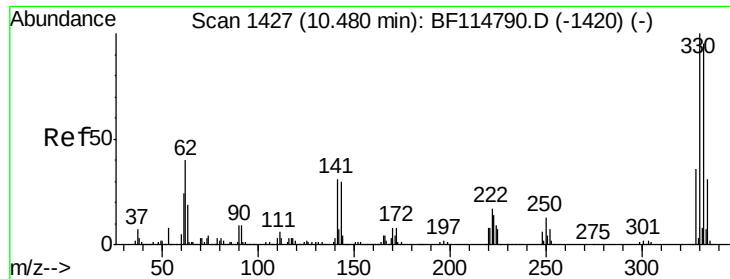
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF114840.D
 Acq: 6 Jun 2019 1:15

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	82.3	123.5
160	45.7	36.7	55.1





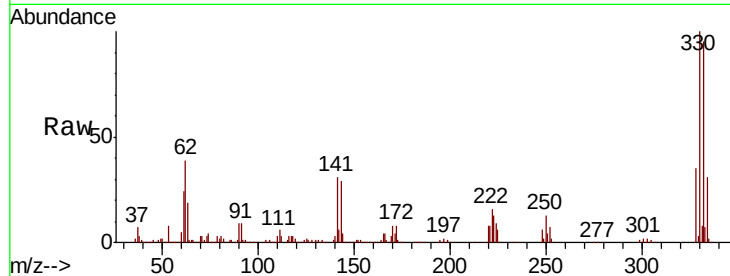
#42
 2,4,6-Tribromophenol
 Concen: 123.079 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.00 min
 Lab File: BF114840.D
 Acq: 6 Jun 2019 1:15

Instrument :
 BNA_F
 ClientSampleId :
 B-06-COMP

Tot Ion	Ratio	Resp	Lower	Upper
330	100	891388		
332	95.4	77.3	115.9	
141	32.2	26.2	39.4	

Manual Integrations
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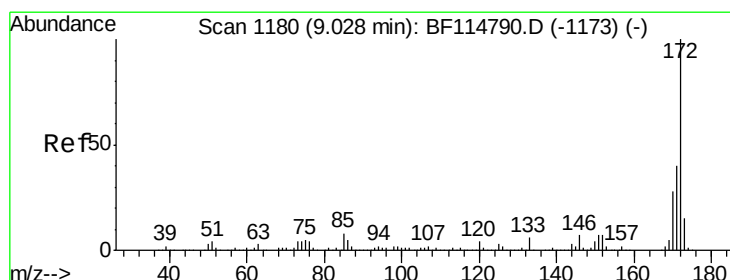
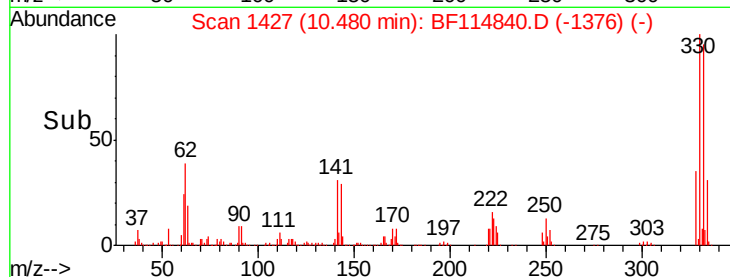
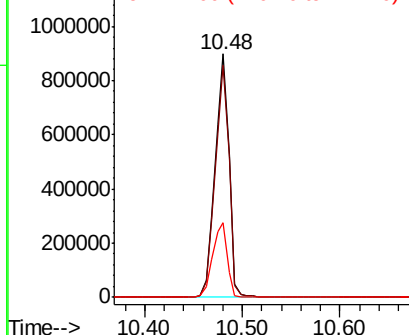


Abundance

Ion 329.80 (329.50 to 330.50): E

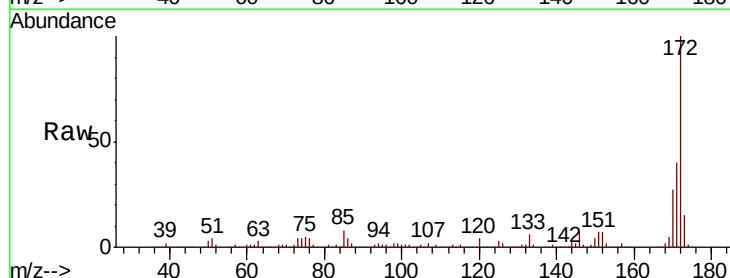
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 86.391 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF114840.D
 Acq: 6 Jun 2019 1:15

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	3099339		
171	40.2	32.3	48.5	
170	27.5	22.4	33.6	

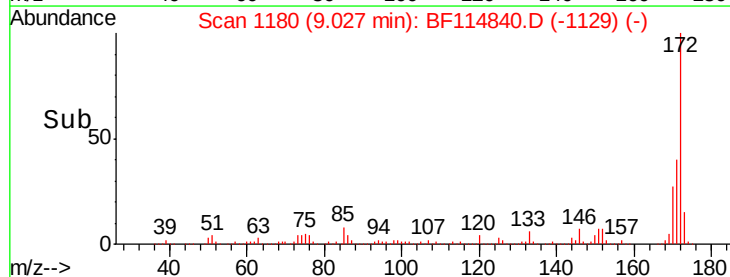
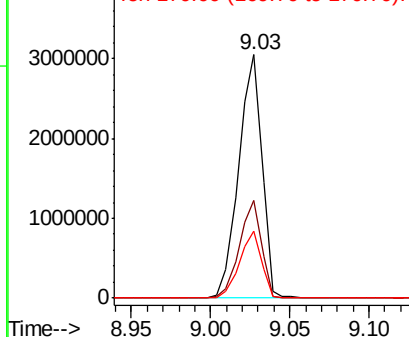


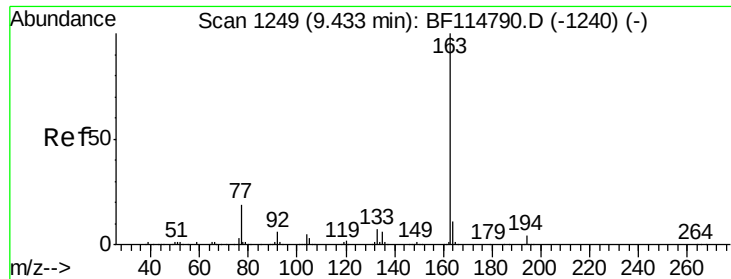
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





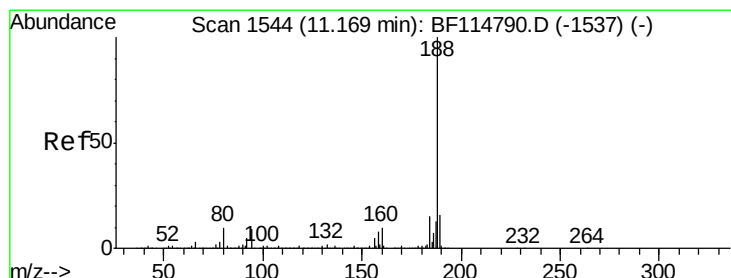
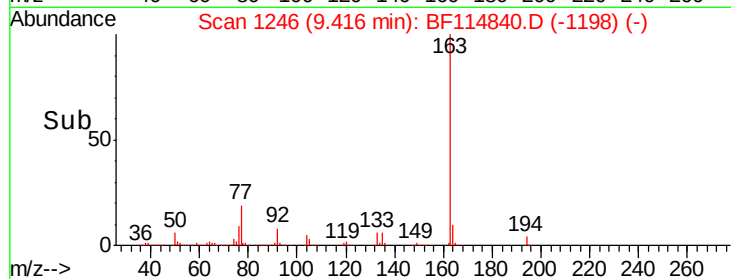
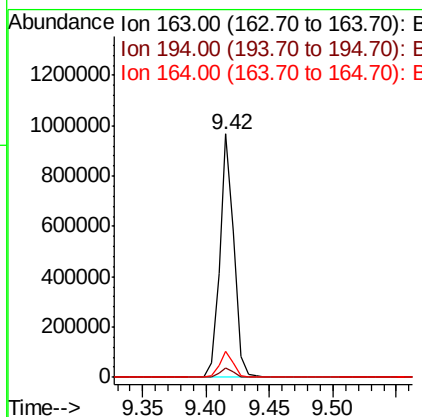
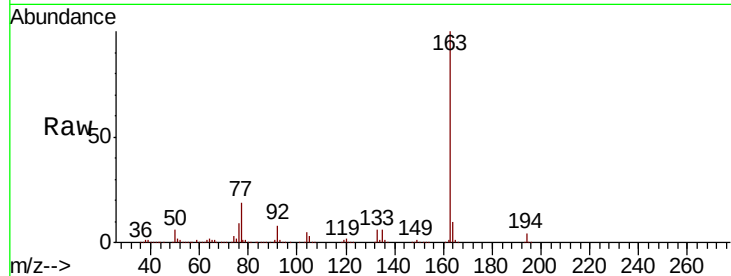
#50
Dimethylphthalate
Concen: 15.426 ng
RT: 9.42 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BF114840.D
Acq: 6 Jun 2019 1:15

Instrument :
BNA_F
ClientSampleId :
B-06-COMP

Tot Ion	Ratio	Resp	Lower	Upper
163	100	757194		
194	3.7		3.4	5.2
164	10.4		8.6	13.0

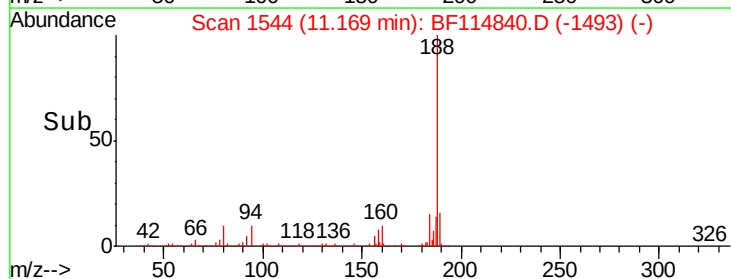
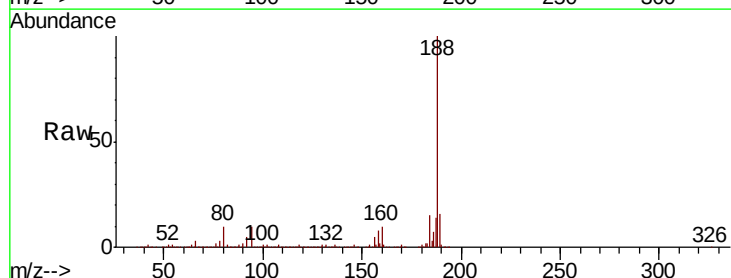
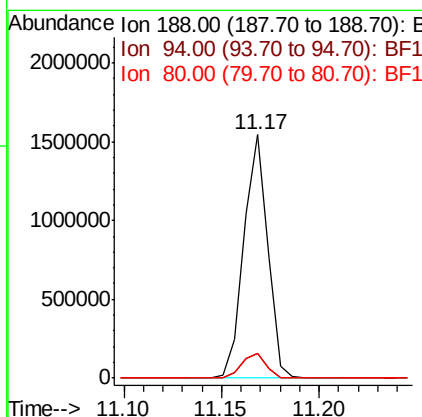
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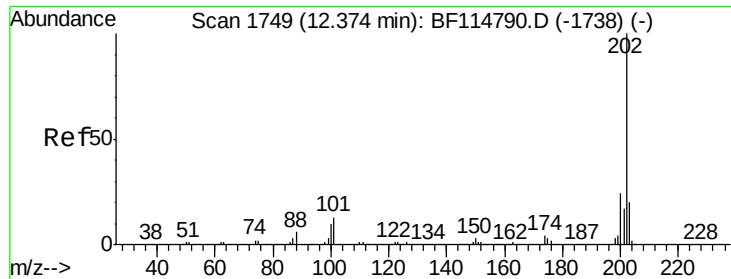
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1544
Delta R.T. -0.00 min
Lab File: BF114840.D
Acq: 6 Jun 2019 1:15

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	1308720		
94	9.9		7.6	11.4
80	10.2		8.3	12.5





#75

Fluoranthene

Concen: 2.944 ng

RT: 12.37 min Scan# 1748

Delta R.T. -0.01 min

Lab File: BF114840.D

Acq: 6 Jun 2019 1:15

Instrument :

BNA_F

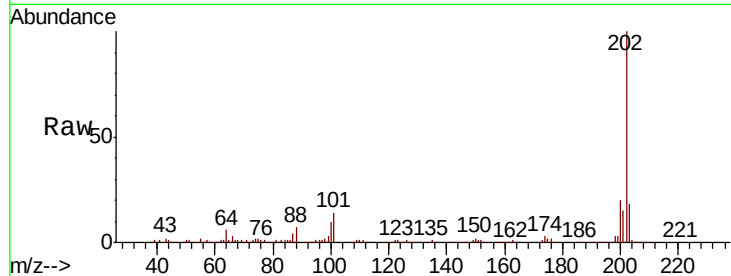
ClientSampleId :

B-06-COMP

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.7	0.0	32.8
203	18.2	0.2	40.2

Manual Integrations
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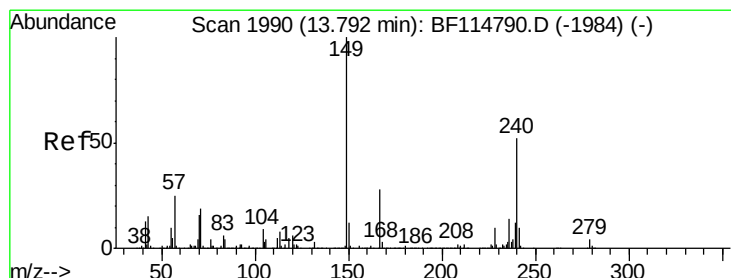
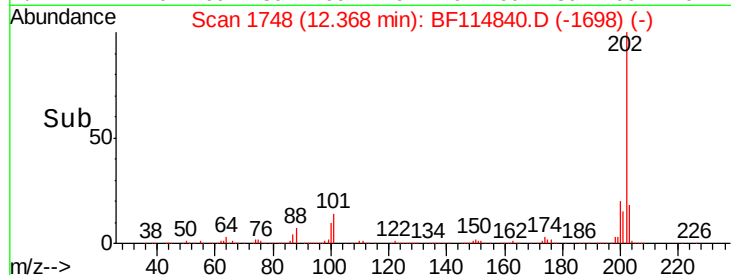
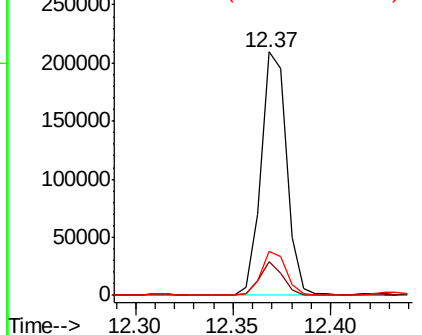


Abundance

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: 13.79 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BF114840.D

Acq: 6 Jun 2019 1:15

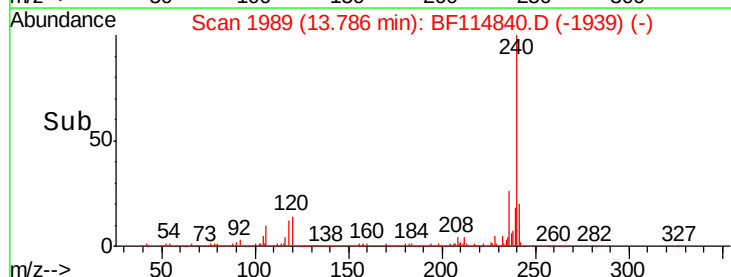
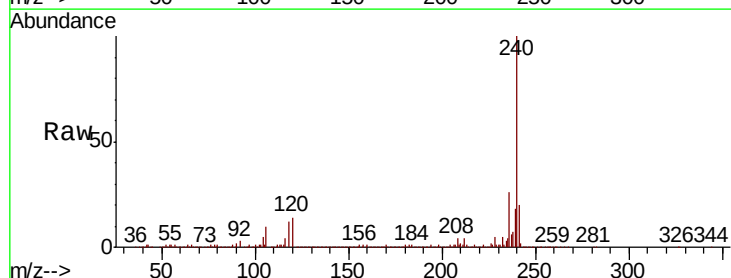
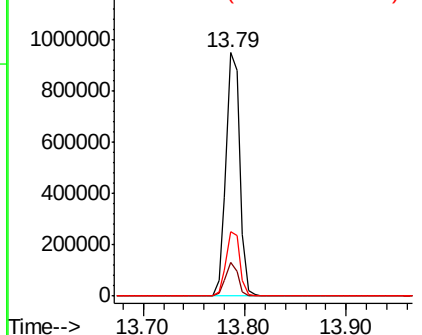
Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	14.0	9.0	13.4#
236	26.3	21.4	32.0

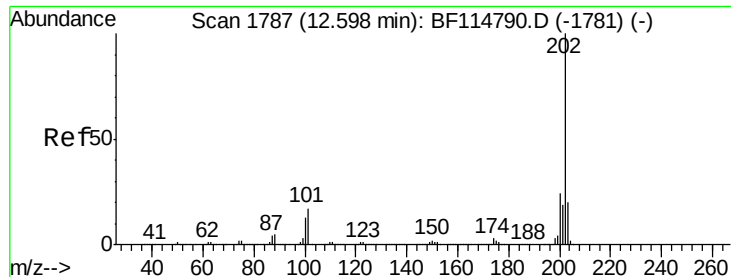
Abundance

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





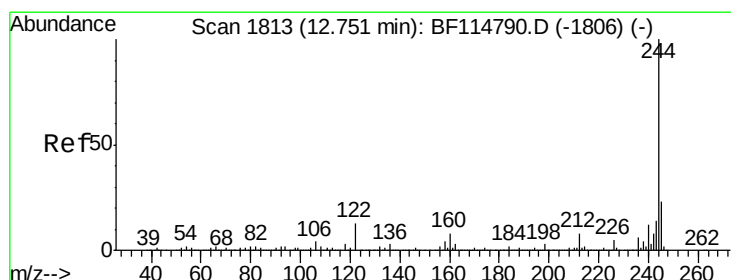
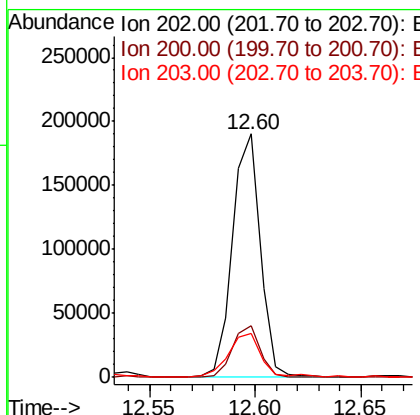
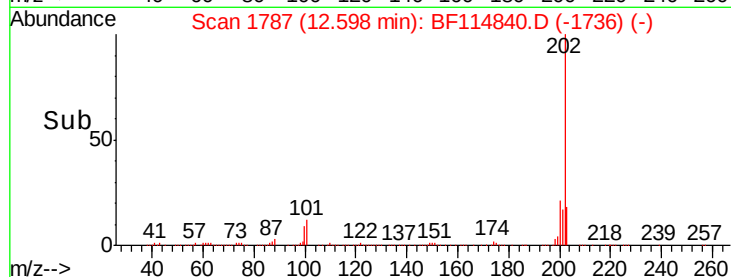
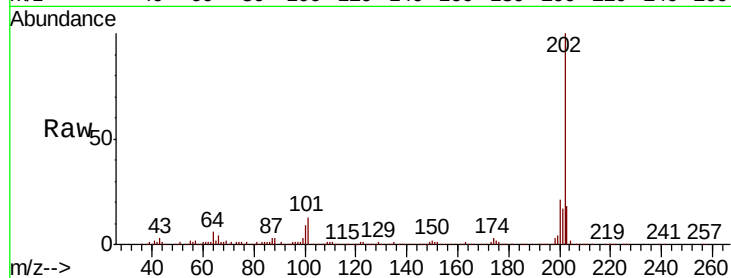
#78
Pvrene
Concen: 2.188 ng
RT: 12.60 min Scan# 1787
Delta R.T. -0.00 min
Lab File: BF114840.D
Acq: 6 Jun 2019 1:15

Instrument :
BNA_F
ClientSampleId :
B-06-COMP

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.2	19.2	28.8
203	18.2	15.9	23.9

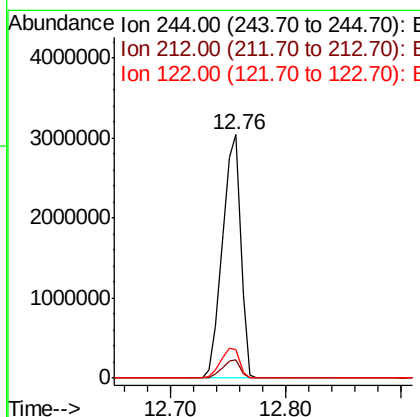
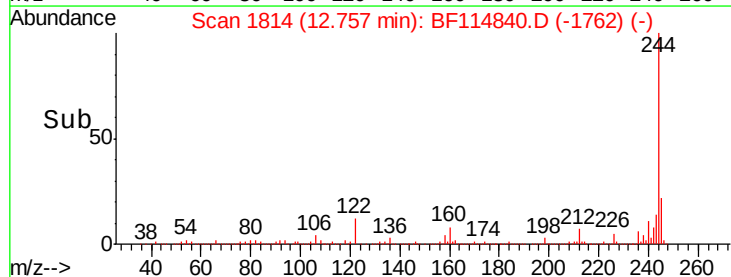
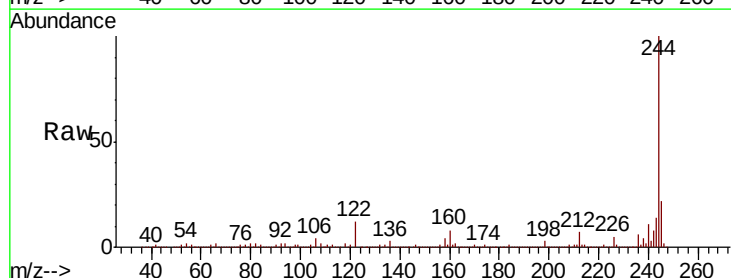
Manual Integrations
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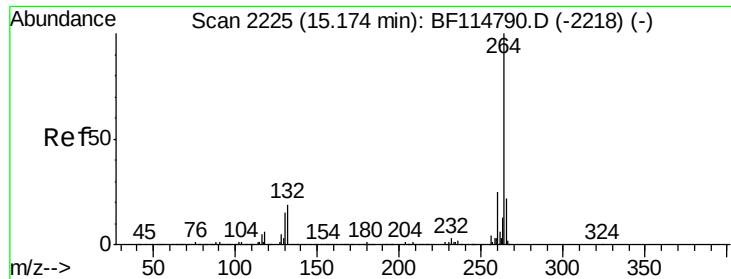
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#79
Terphenyl-d14
Concen: 71.898 ng
RT: 12.76 min Scan# 1814
Delta R.T. 0.01 min
Lab File: BF114840.D
Acq: 6 Jun 2019 1:15

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.5	9.7
122	11.9	10.5	15.7





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.17 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BF114840.D

Acq: 6 Jun 2019 1:15

Instrument :

BNA_F

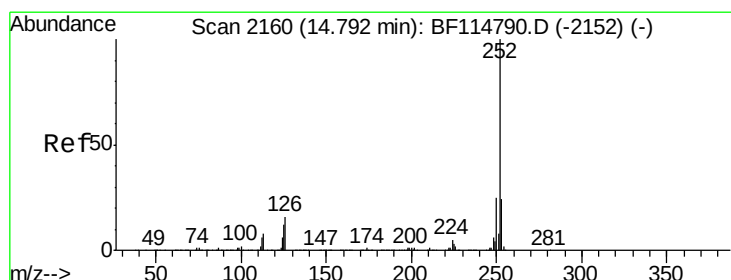
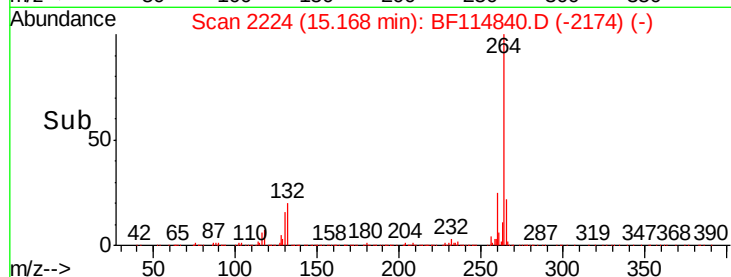
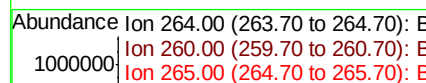
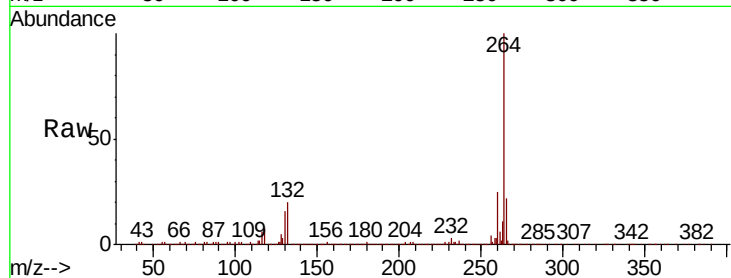
ClientSampleId :

B-06-COMP

Tot Ion:	264	Resp:	943633
Ion Ratio	Lower	Upper	
264	100		
260	24.7	20.1	30.1
265	22.0	17.7	26.5

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 2.703 ng m

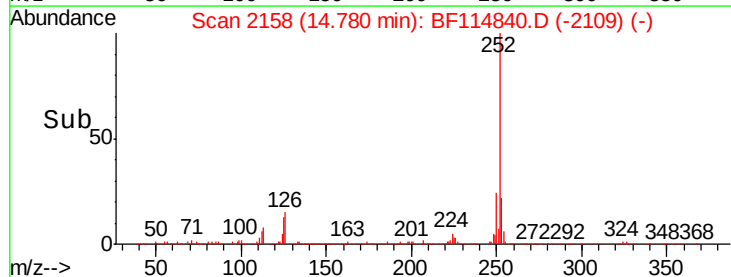
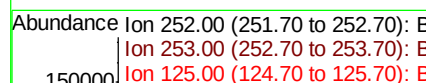
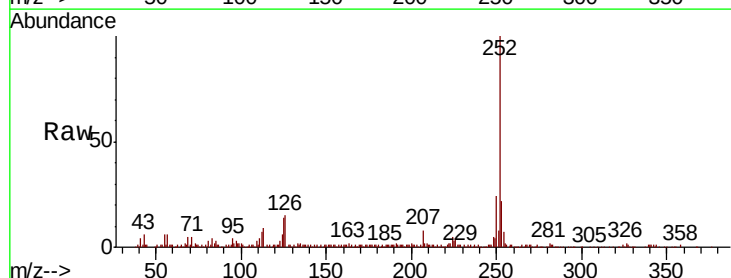
RT: 14.78 min Scan# 2158

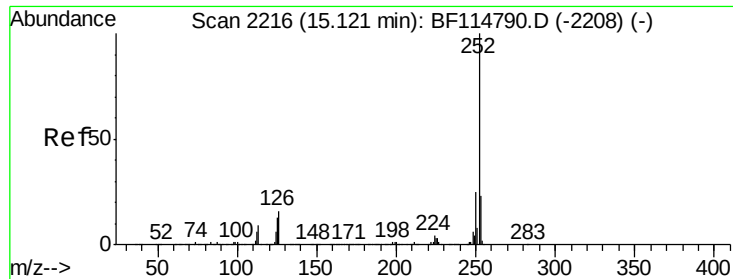
Delta R.T. -0.01 min

Lab File: BF114840.D

Acq: 6 Jun 2019 1:15

Tgt Ion:	252	Resp:	162378
Ion Ratio	Lower	Upper	
252	100		
253	22.2	19.0	28.6
125	13.8	9.4	14.0





#90
Benzo(a)pyrene
Concen: 2.202 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF114840.D
Acq: 6 Jun 2019 1:15

Instrument :
BNA_F
ClientSampleId :
B-06-COMP

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.7	18.5	27.7
125	14.0	10.1	15.1

Manual Integrations
APPROVED

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