

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051719\
 Data File : BF114365.D
 Acq On : 17 May 2019 22:57
 Operator : JU/SJ
 Sample : K2894-07
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-06-0-1

Manual Integrations
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mohammad
 5/21/2019 2:16:23 PM

Quant Time: May 18 06:12:42 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	171845	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	667300	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	306877	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	587160	20.00	ng	0.00
76) Chrysene-d12	14.01	240	419078	20.00	ng	-0.01
87) Perylene-d12	15.48	264	420773	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1000471	93.69	ng	0.00
7) Phenol-d6	6.49	99	1335570	105.75	ng	0.00
23) Nitrobenzene-d5	7.40	82	816808	68.69	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	298766	94.17	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1427572	70.37	ng	-0.01
79) Terphenyl-d14	12.95	244	1259940	61.98	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	257842	11.446	ng	98
75) Fluoranthene	12.59	202	102139	3.320	ng	97
78) Pyrene	12.81	202	88988	2.640	ng	98
88) Benzo(b)fluoranthene	15.06	252	61831m	2.294	ng	

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

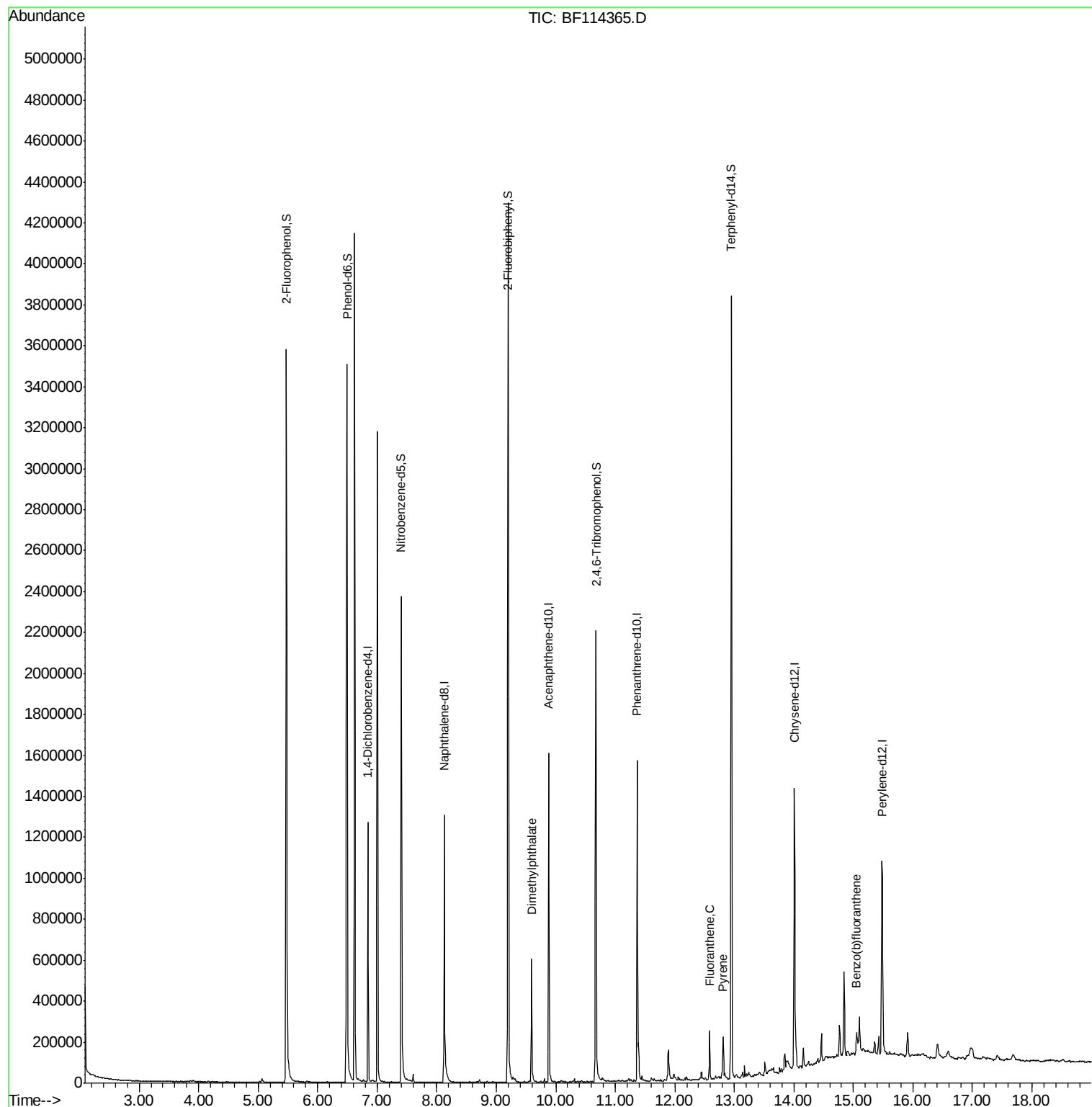
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051719\
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ALS Vial : 25 Sample Multiplier: 1

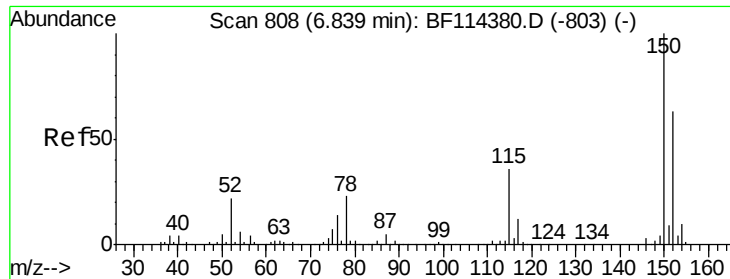
Instrument :
BNA_F
ClientSampleId :
SB-06-0-1

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Quant Time: May 18 06:12:42 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





#1

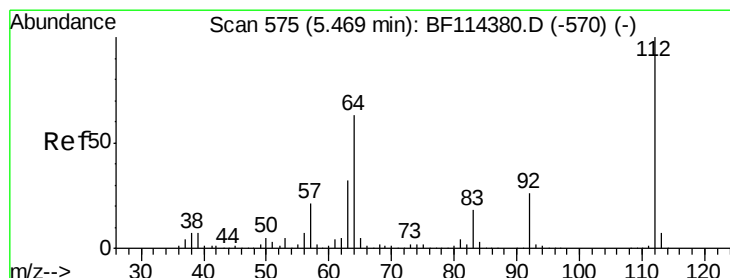
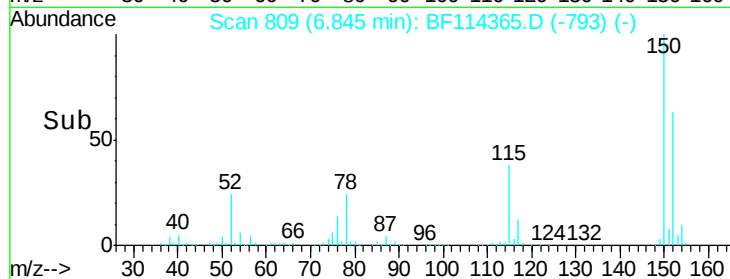
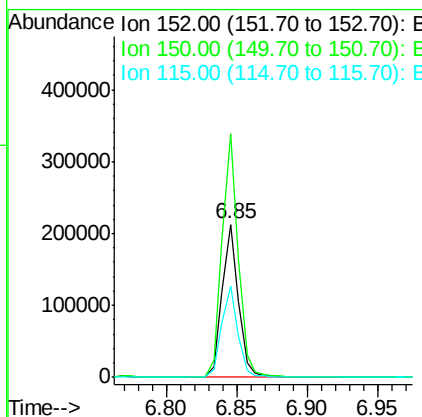
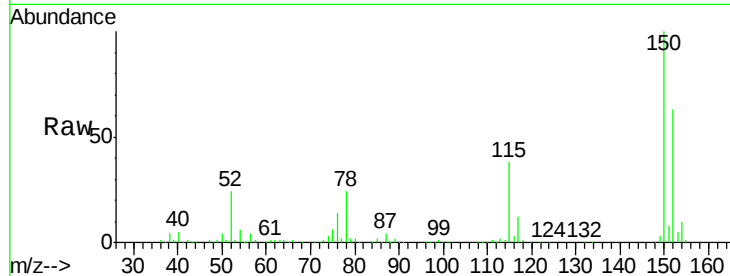
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF114365.D
Acq: 17 May 2019 22:57

Instrument :
BNA_F
ClientSampleId :
SB-06-0-1

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.1	124.3	186.5
115	59.9	49.1	73.7

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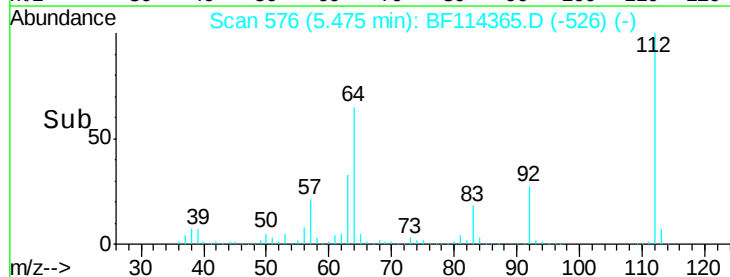
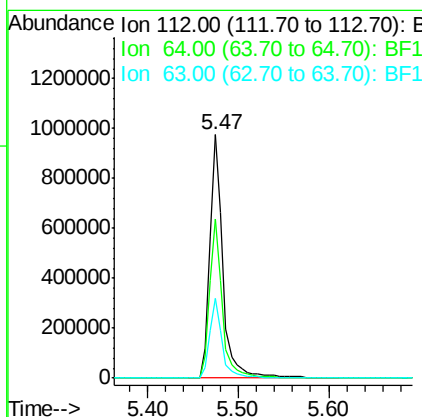
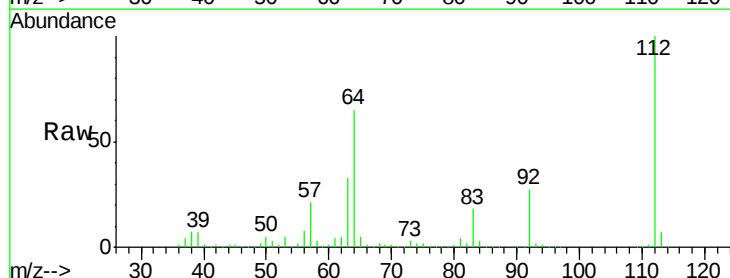
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#5

2-Fluorophenol
Concen: 93.690 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF114365.D
Acq: 17 May 2019 22:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.4	49.0	73.6
63	32.7	24.6	37.0





#7

Phenol-d6

Concen: 105.748 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF114365.D

Acq: 17 May 2019 22:57

Instrument :

BNA_F

ClientSampleId :

SB-06-0-1

Tgt Ion: 99 Resp: 1335570

Ion Ratio Lower Upper

99 100

42 20.1 17.9 26.9

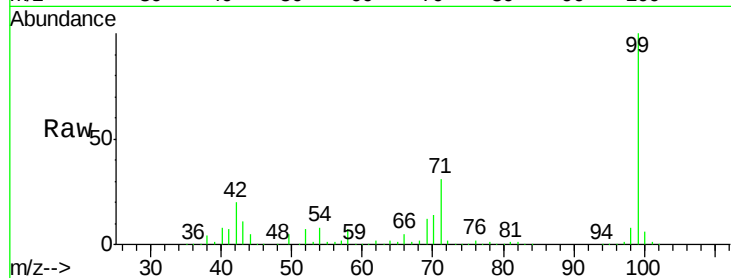
71 30.7 26.2 39.2

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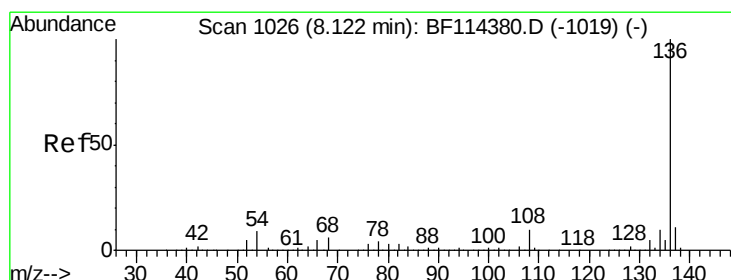
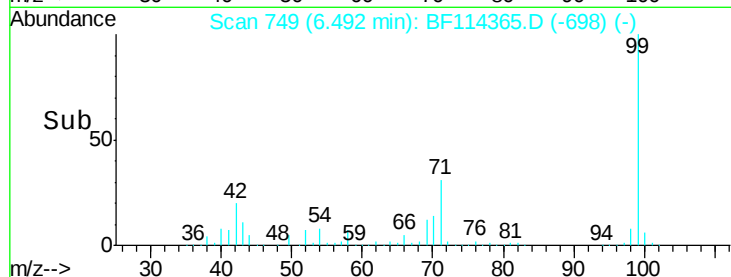
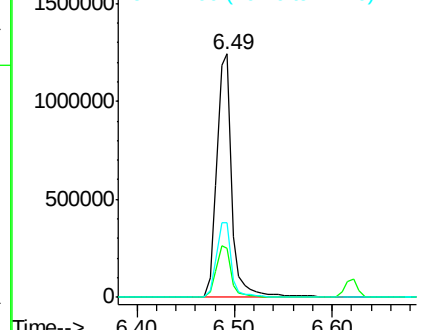
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Abundance Ion 99.00 (98.70 to 99.70): BF1

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: BF114365.D

Acq: 17 May 2019 22:57

Tgt Ion: 136 Resp: 667300

Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 9.5 7.8 11.8

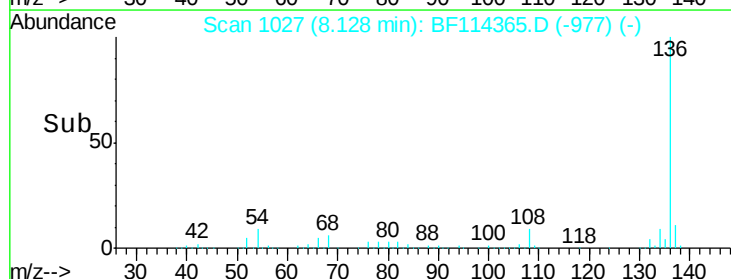
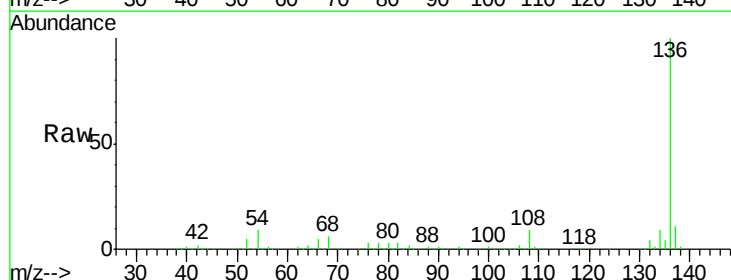
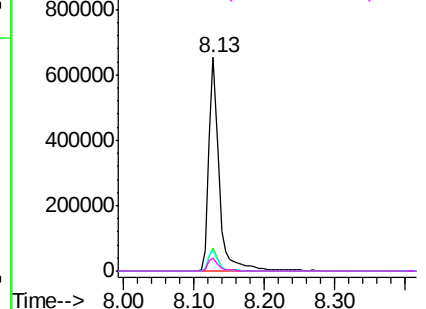
68 6.2 5.1 7.7

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





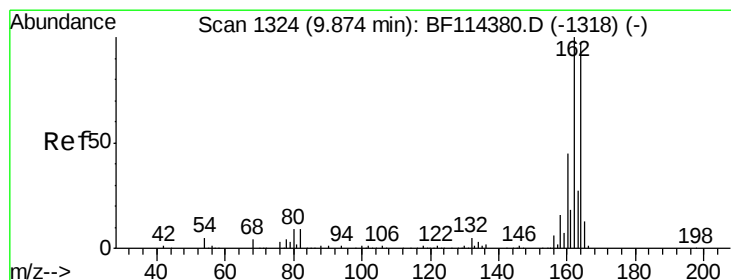
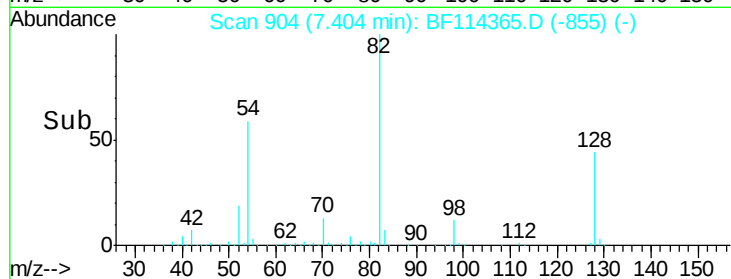
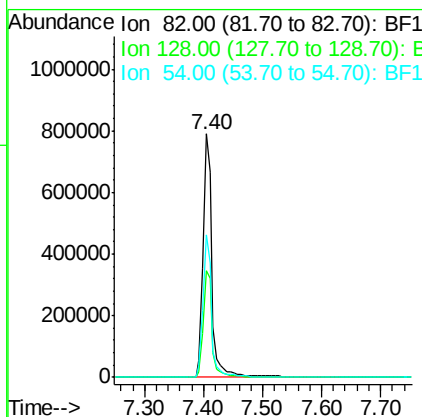
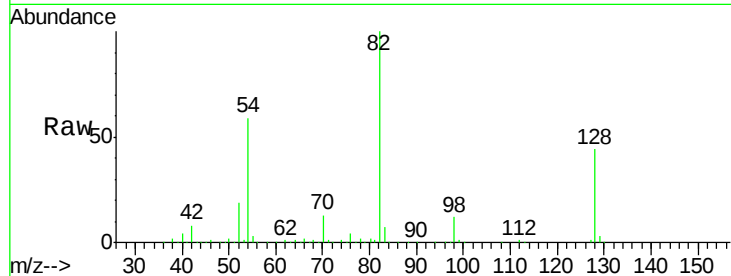
#23
 Nitrobenzene-d5
 Concen: 68.694 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF114365.D
 Acq: 17 May 2019 22:57

Instrument :
 BNA_F
 ClientSampled :
 SB-06-0-1

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.6	35.5	53.3
54	58.6	48.5	72.7

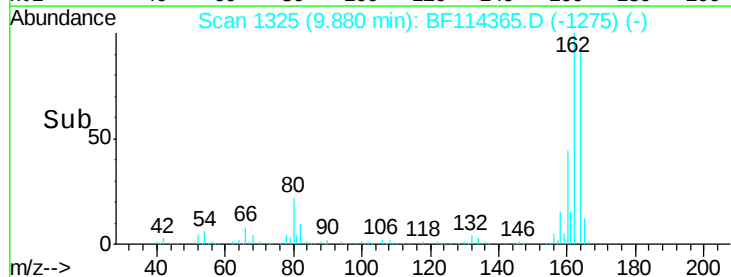
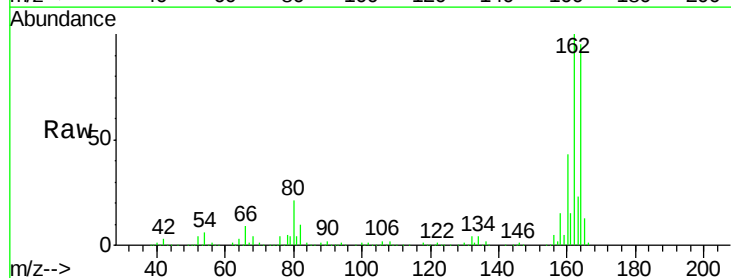
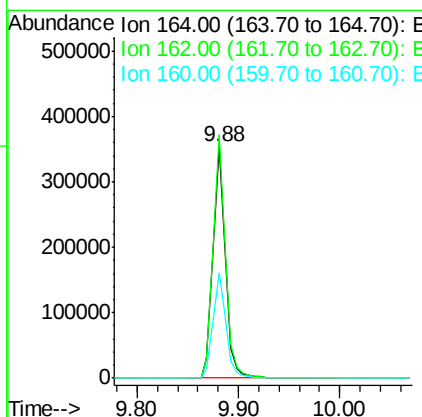
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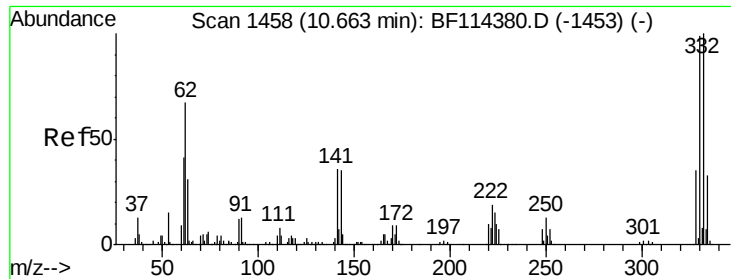
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF114365.D
 Acq: 17 May 2019 22:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.4	80.6	120.8
160	45.7	36.5	54.7





#42

2,4,6-Tribromophenol

Concen: 94.171 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.00 min

Lab File: BF114365.D

Acq: 17 May 2019 22:57

Instrument :

BNA_F

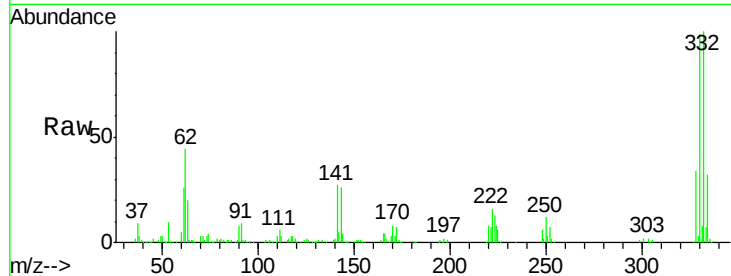
ClientSampled :

SB-06-0-1

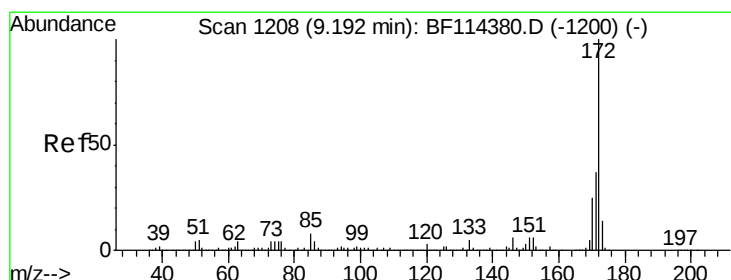
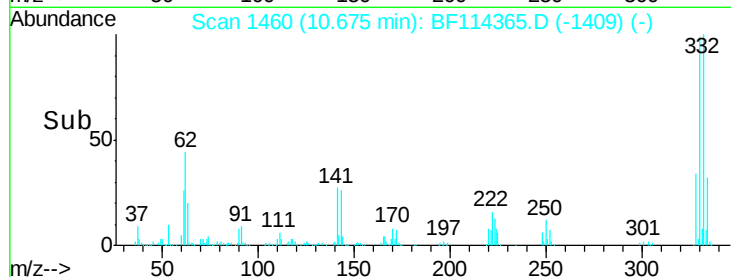
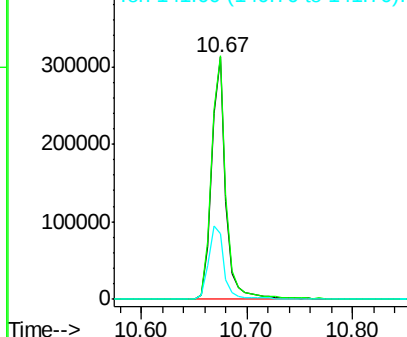
Tgt Ion:	330	Resp:	298766
Ion Ratio	Lower	Upper	
330	100		
332	103.0	81.4	122.2
141	33.3	26.6	40.0

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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: 70.368 ng

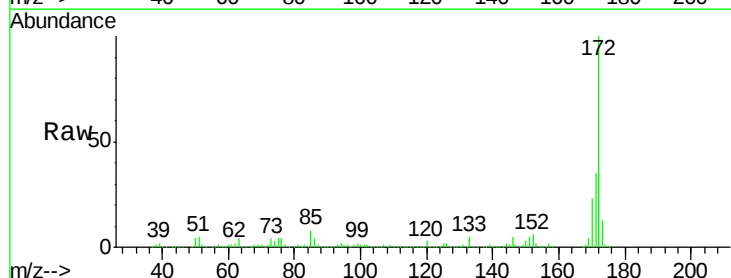
RT: 9.20 min Scan# 1209

Delta R.T. -0.01 min

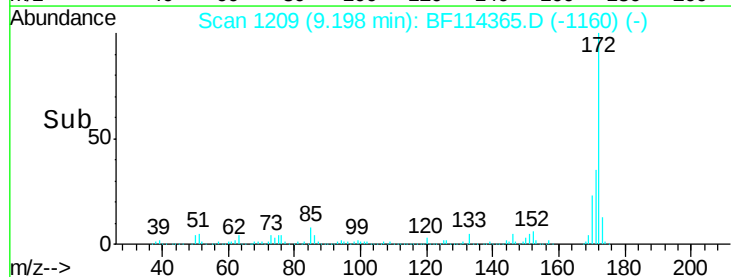
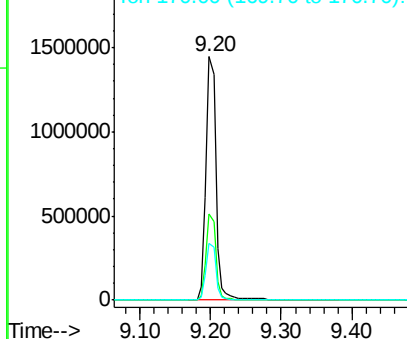
Lab File: BF114365.D

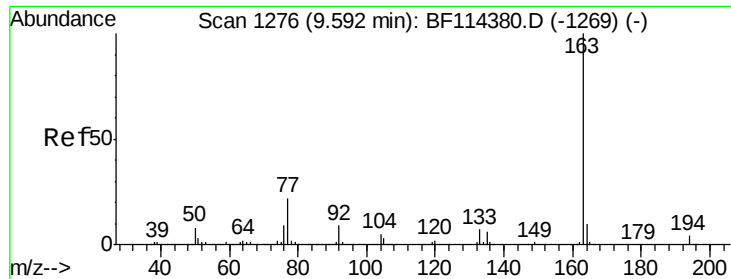
Acq: 17 May 2019 22:57

Tgt Ion:	172	Resp:	1427572
Ion Ratio	Lower	Upper	
172	100		
171	35.4	30.7	46.1
170	23.5	20.5	30.7



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





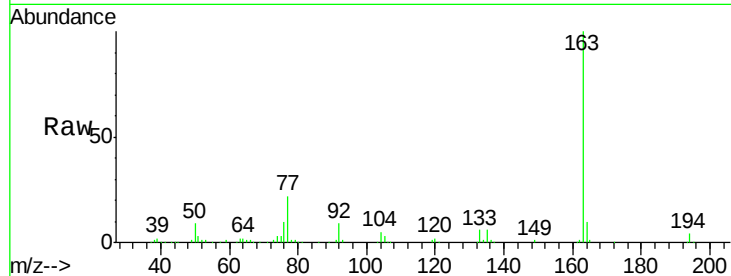
#50
Dimethylphthalate
Concen: 11.446 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF114365.D
Acq: 17 May 2019 22:57

Instrument :
BNA_F
ClientSampleId :
SB-06-0-1

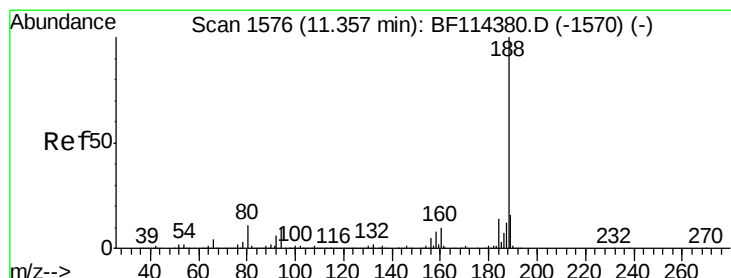
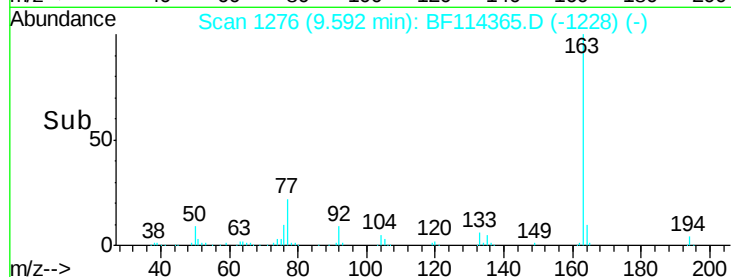
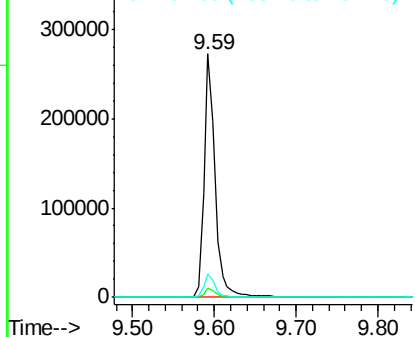
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	257842		
194	3.7		3.4	5.0
164	9.6		8.2	12.2

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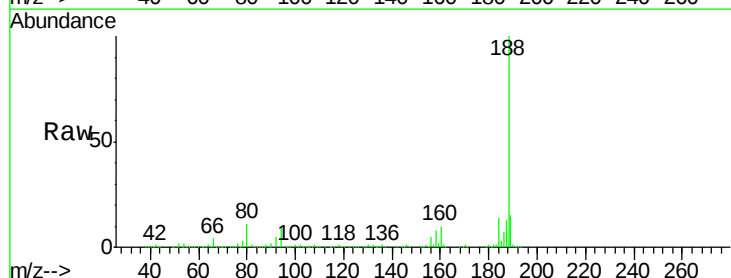


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

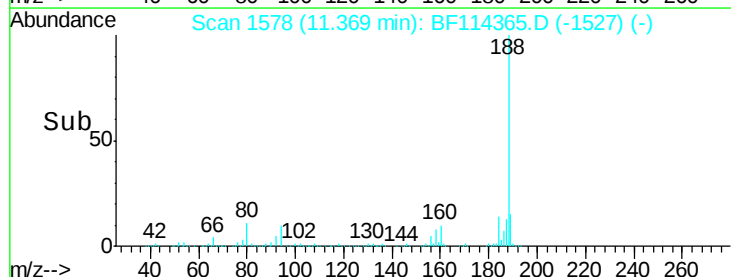
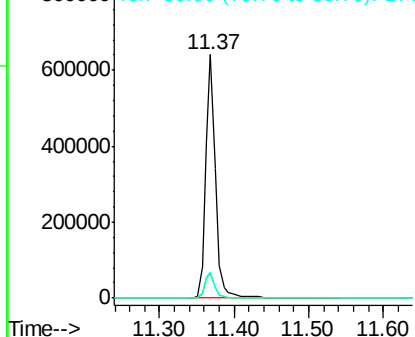


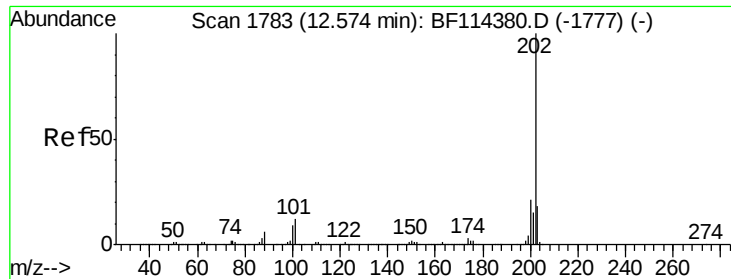
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF114365.D
Acq: 17 May 2019 22:57

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	587160		
94	10.0		8.4	12.6
80	10.7		9.2	13.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#75

Fluoranthene

Concen: 3.320 ng

RT: 12.59 min Scan# 1785

Delta R.T. -0.00 min

Lab File: BF114365.D

Acq: 17 May 2019 22:57

Instrument :

BNA_F

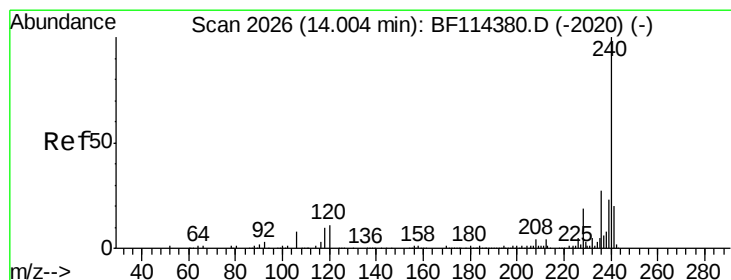
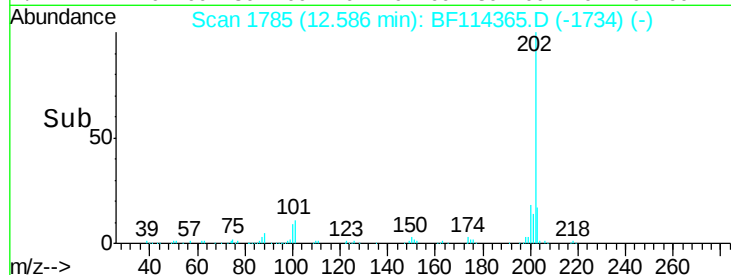
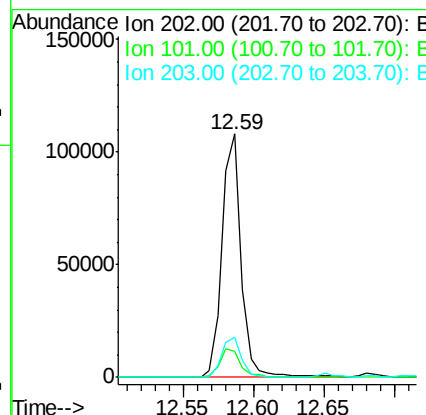
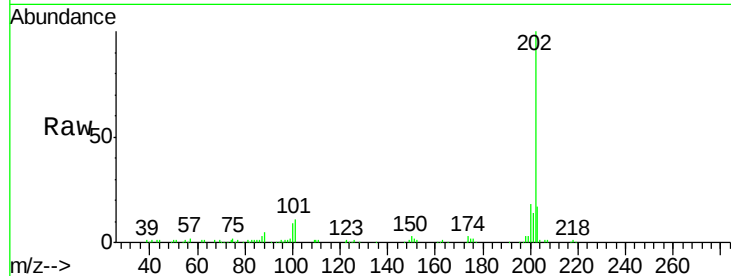
ClientSampled :

SB-06-0-1

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	102139		
101	10.9	0.0	31.0	
203	16.6	0.0	38.4	

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#76

Chrysene-d12

Concen: 20.000 ng

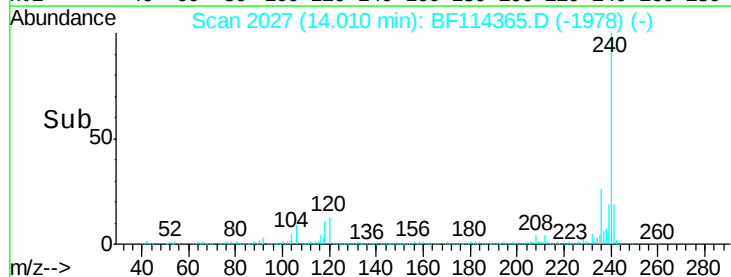
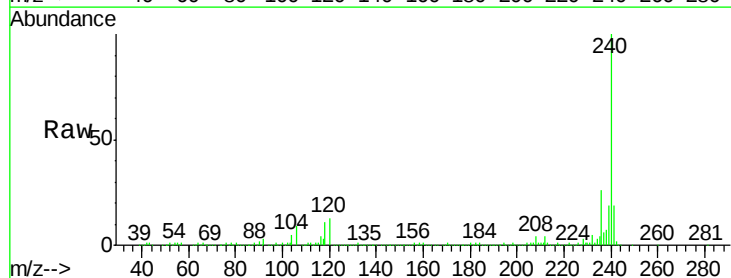
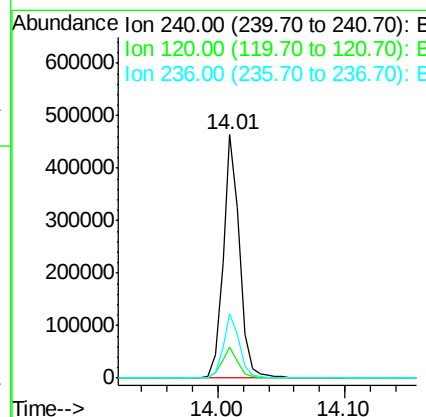
RT: 14.01 min Scan# 2027

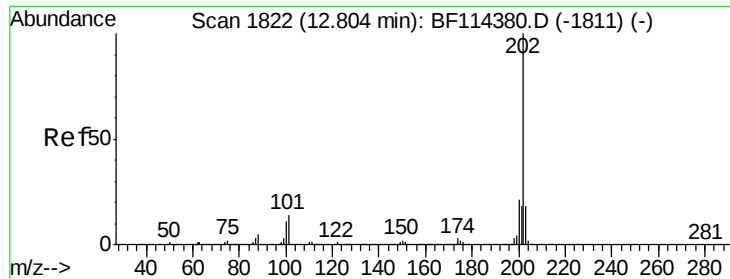
Delta R.T. -0.01 min

Lab File: BF114365.D

Acq: 17 May 2019 22:57

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	419078		
120	13.0	8.3	12.5#	
236	26.4	20.8	31.2	





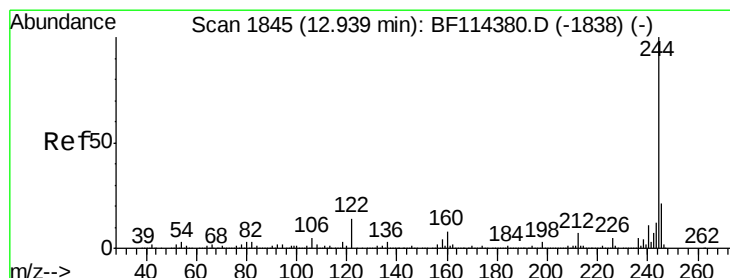
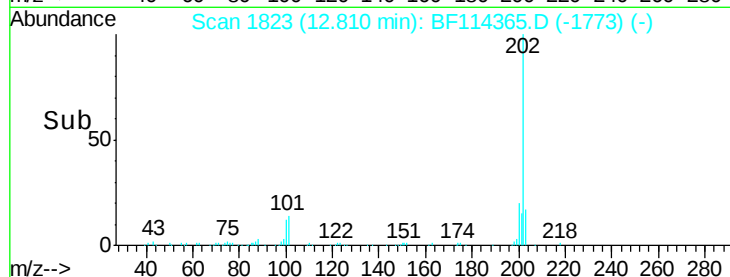
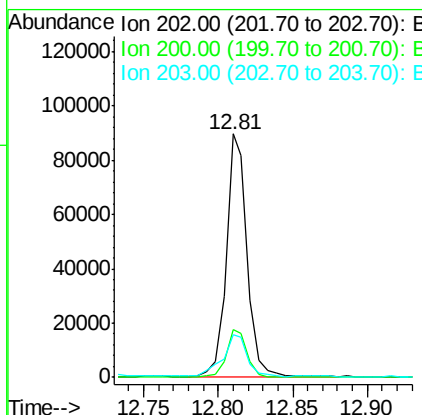
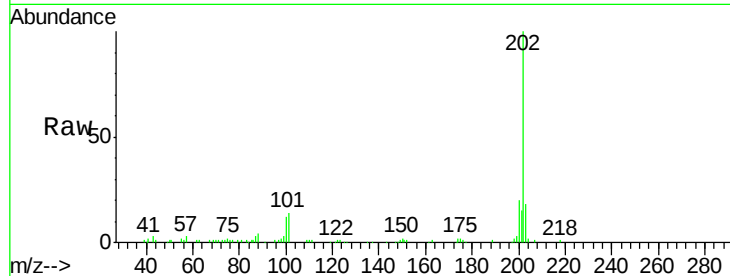
#78
 Pyrene
 Concen: 2.640 ng
 RT: 12.81 min Scan# 1823
 Delta R.T. -0.01 min
 Lab File: BF114365.D
 Acq: 17 May 2019 22:57

Instrument :
 BNA_F
 ClientSampleId :
 SB-06-0-1

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.5	16.9	25.3
203	17.7	14.5	21.7

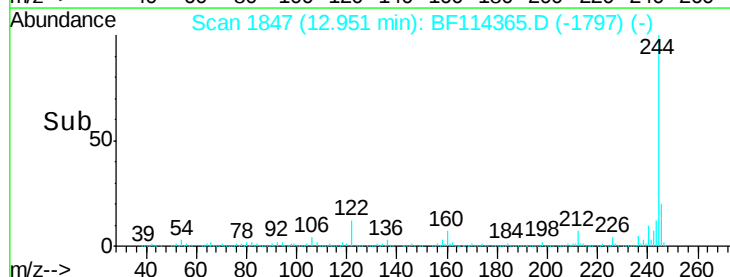
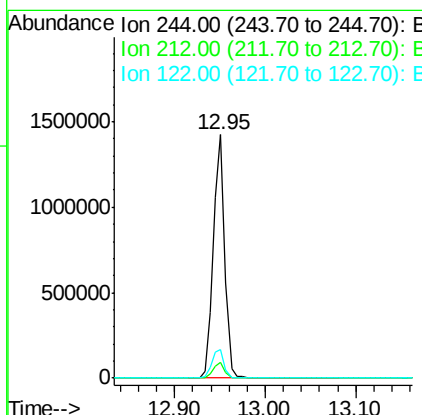
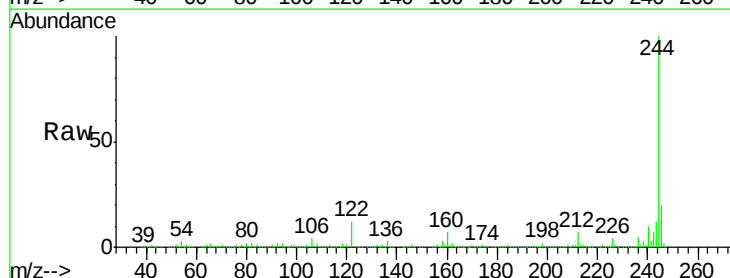
Manual Integrations
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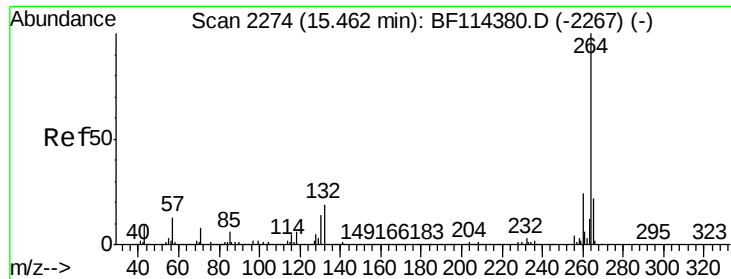
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#79
 Terphenyl-d14
 Concen: 61.976 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF114365.D
 Acq: 17 May 2019 22:57

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.8	8.6
122	11.7	9.4	14.2





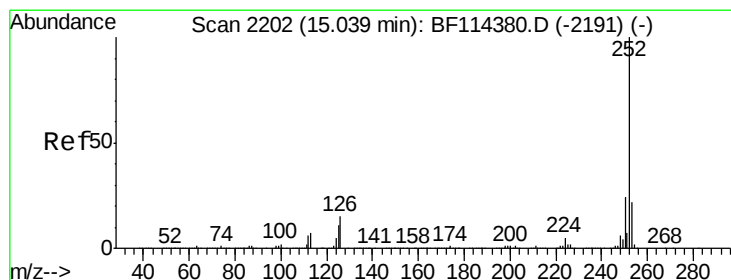
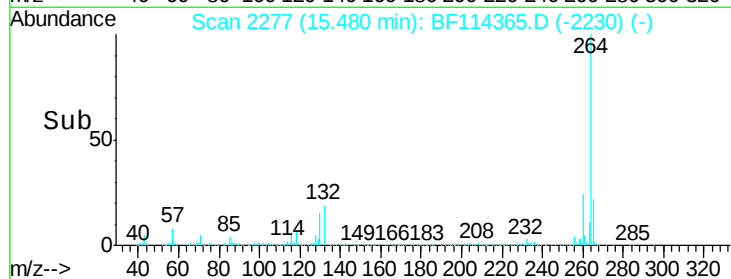
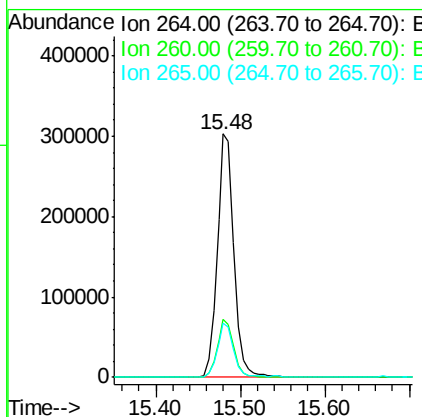
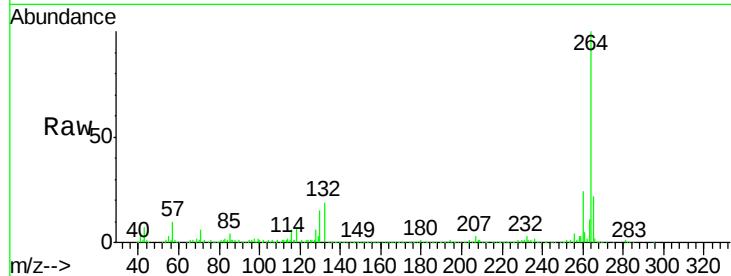
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2277
 Delta R.T. -0.02 min
 Lab File: BF114365.D
 Acq: 17 May 2019 22:57

Instrument :
 BNA_F
 ClientSampleId :
 SB-06-0-1

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	420773		
260	23.6		19.4	29.0
265	22.2		16.9	25.3

Manual Integrations
 APPROVED

mohammad
 5/21/2019 2:16:23 PM



#88
 Benzo(b)fluoranthene
 Concen: 2.294 ng m
 RT: 15.06 min Scan# 2205
 Delta R.T. -0.02 min
 Lab File: BF114365.D
 Acq: 17 May 2019 22:57

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	61831		
253	24.5		17.8	26.8
125	15.1		8.3	12.5#

