

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051619\
 Data File : BF114323.D
 Acq On : 16 May 2019 21:32
 Operator : JU/SJ
 Sample : K2637-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-051519-A

Manual Integrations
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 5/17/2019 3:03:50 PM

Quant Time: May 17 08:58:25 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	209084	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	787783	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	351483	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	631196	20.00	ng	0.00
76) Chrysene-d12	14.02	240	438070	20.00	ng	0.00
87) Perylene-d12	15.49	264	519515	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1136092	87.44	ng	0.00
7) Phenol-d6	6.50	99	1495482	97.32	ng	0.00
23) Nitrobenzene-d5	7.41	82	908796	64.74	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	301959	83.10	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1447713	62.30	ng	0.00
79) Terphenyl-d14	12.95	244	1087648	51.18	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.60	163	257545	9.982	ng	99
71) Phenanthrene	11.39	178	132538	4.316	ng	97
75) Fluoranthene	12.59	202	158291	4.787	ng	99
78) Pyrene	12.82	202	130963	3.716	ng	98
81) Benzo(a)anthracene	14.00	228	71038	2.507	ng	99
83) Chrysene	14.04	228	67263m	2.422	ng	
88) Benzo(b)fluoranthene	15.06	252	85490m	2.569	ng	
90) Benzo(a)pyrene	15.43	252	58758	2.006	ng	# 88

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

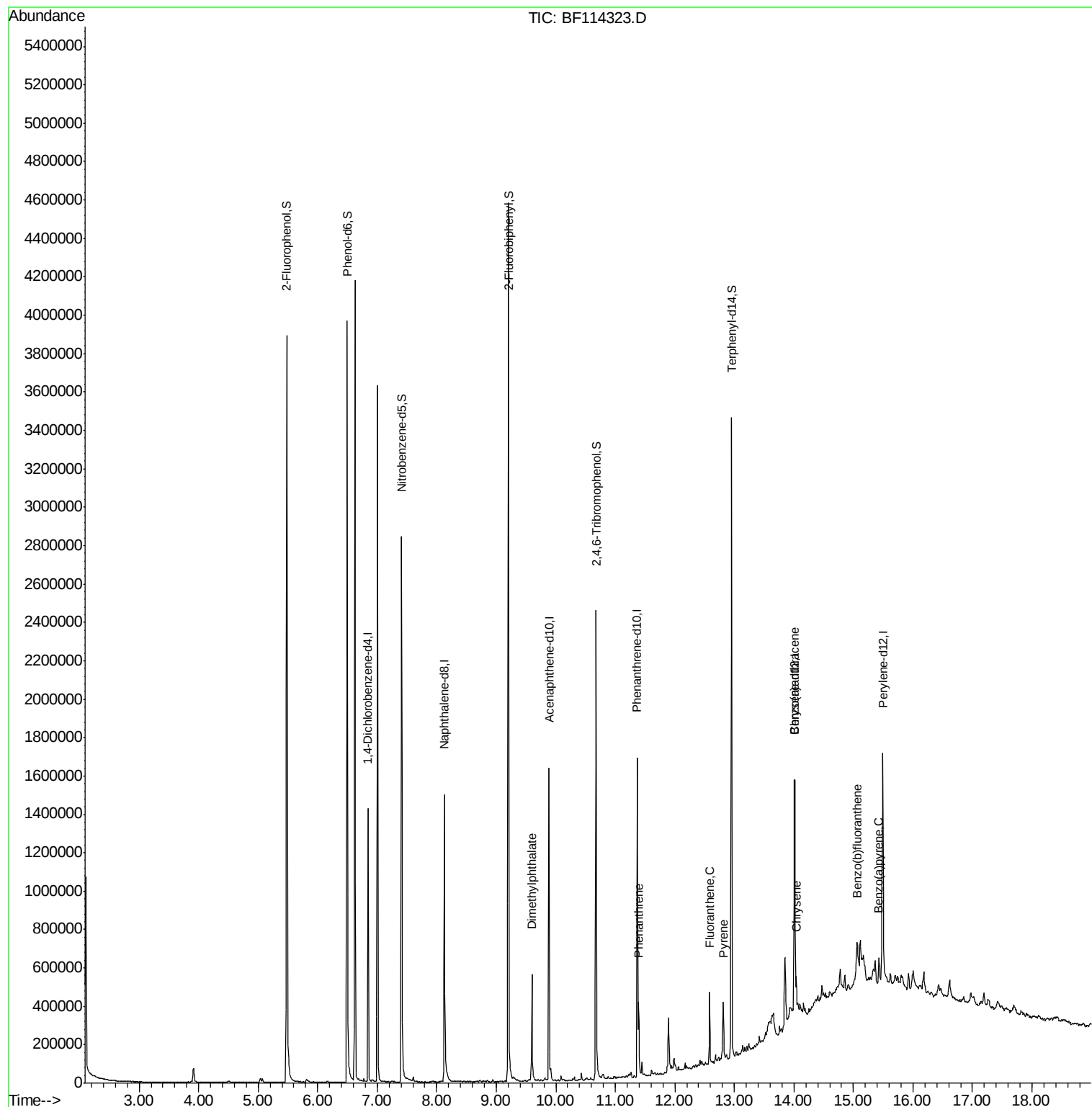
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051619\
Data File : BF114323.D
Acq On : 16 May 2019 21:32
Operator : JU/SJ
Sample : K2637-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

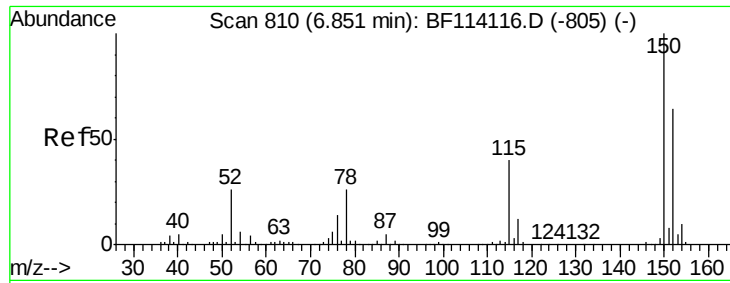
Instrument :
BNA_F
ClientSampleId :
HR-06-051519-A

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Quant Time: May 17 08:58:25 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

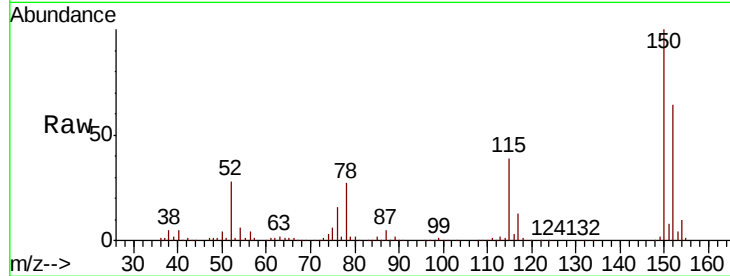
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF114323.D
Acq: 16 May 2019 21:32

Instrument :
BNA_F
ClientSampleId :
HR-06-051519-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.3	186.5
115	61.5	49.1	73.7

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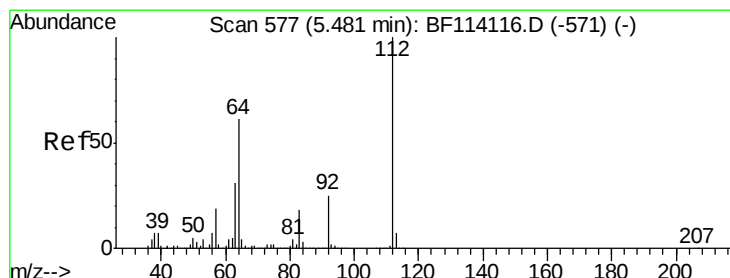
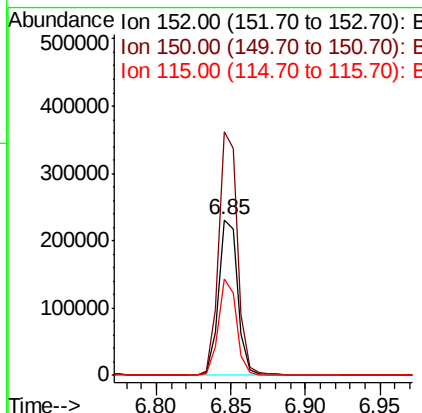
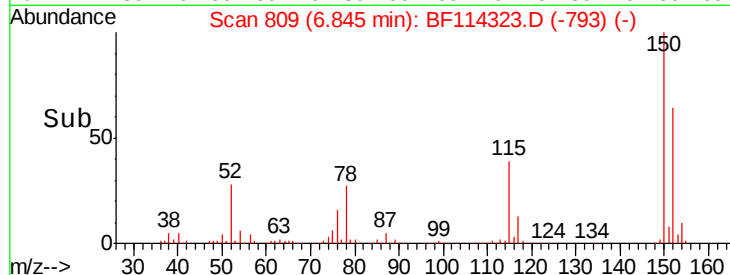


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

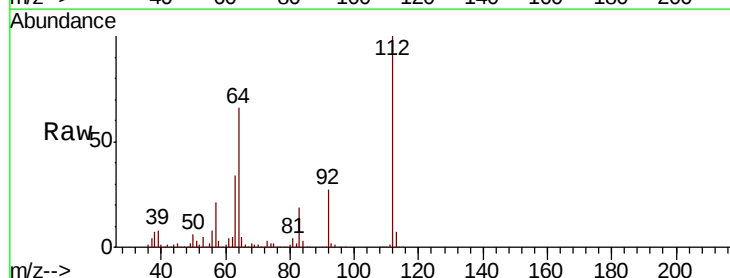
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 87.442 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF114323.D
Acq: 16 May 2019 21:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.3	49.0	73.6
63	33.9	24.6	37.0

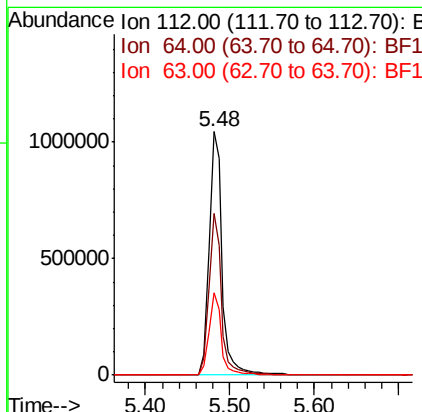
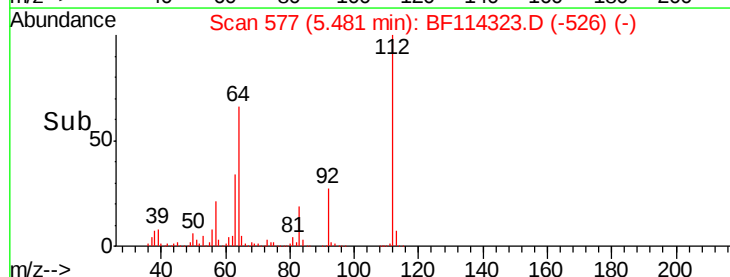


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 97.320 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF114323.D

Acq: 16 May 2019 21:32

Instrument :

BNA_F

ClientSampleId :

HR-06-051519-A

Tot Ion: 99 Resp: 1495482

Ion Ratio Lower Upper

99 100

42 20.7 17.9 26.9

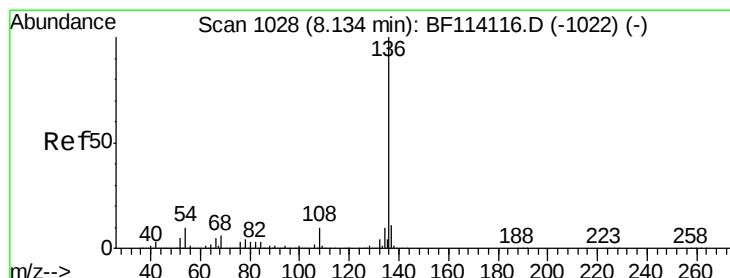
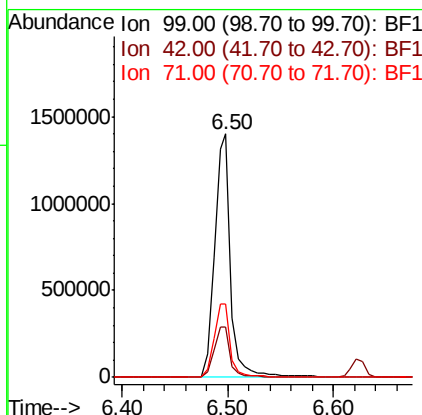
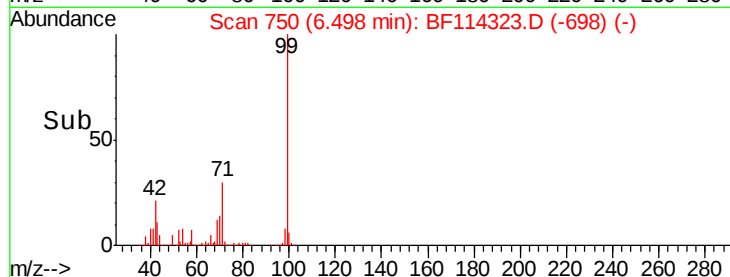
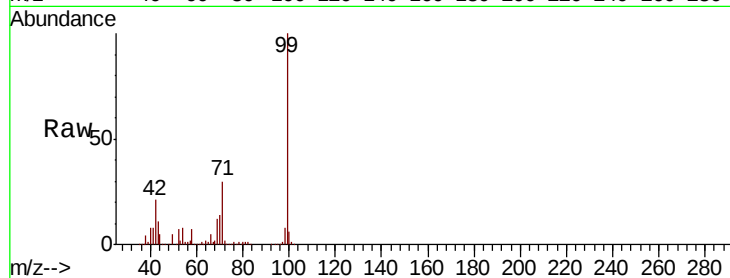
71 30.4 26.2 39.2

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF114323.D

Acq: 16 May 2019 21:32

Tgt Ion: 136 Resp: 787783

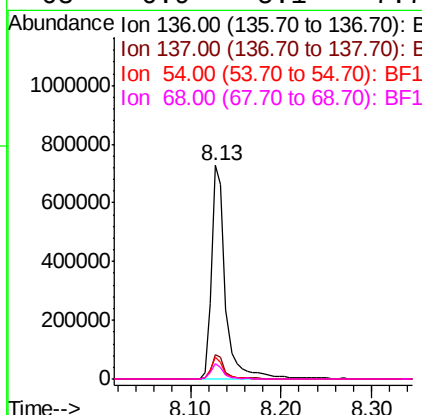
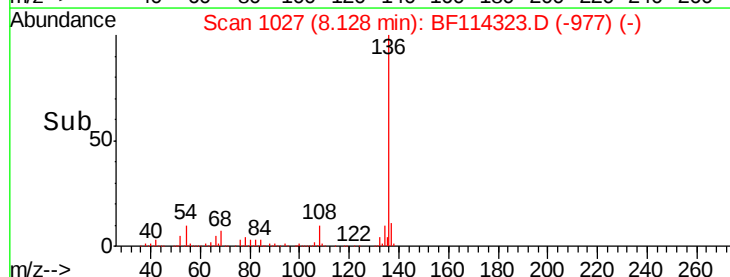
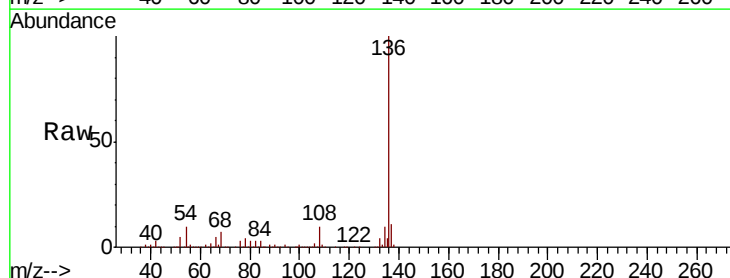
Ion Ratio Lower Upper

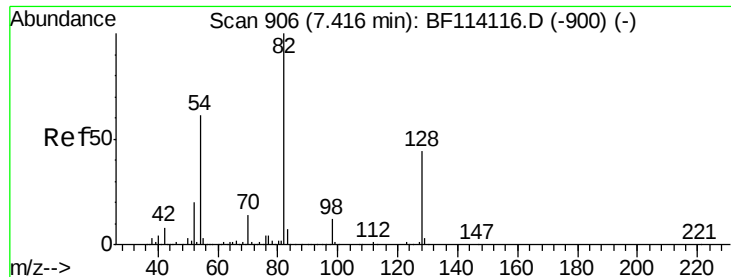
136 100

137 11.4 8.8 13.2

54 10.1 7.8 11.8

68 6.9 5.1 7.7





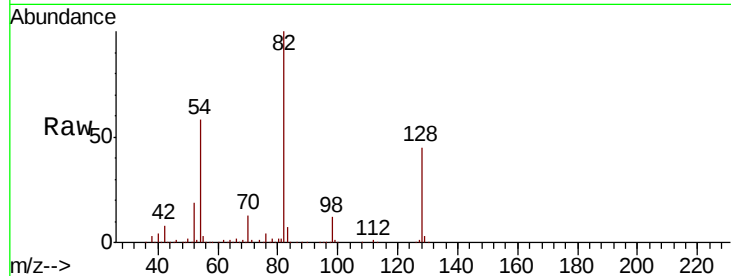
#23
Nitrobenzene-d5
Concen: 64.741 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF114323.D
Acq: 16 May 2019 21:32

Instrument :
BNA_F
ClientSampleId :
HR-06-051519-A

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.1	35.5	53.3
54	58.4	48.5	72.7

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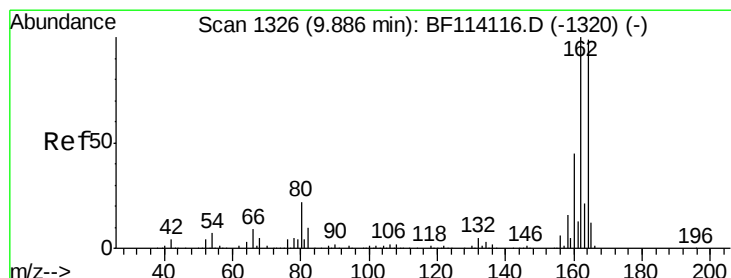
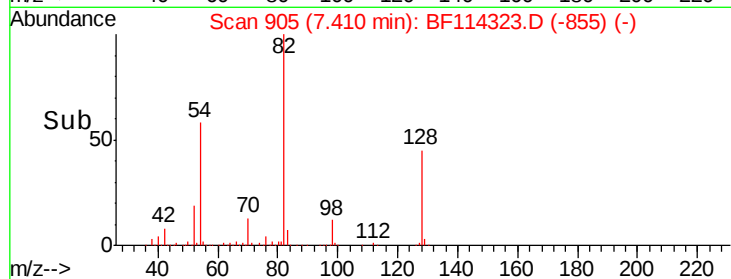
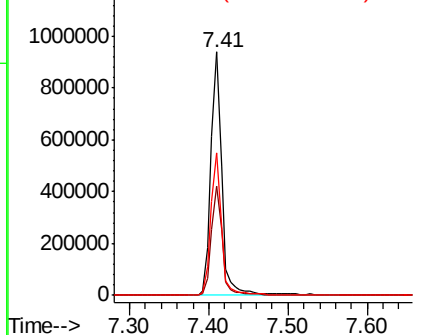


Abundance

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: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF114323.D
Acq: 16 May 2019 21:32

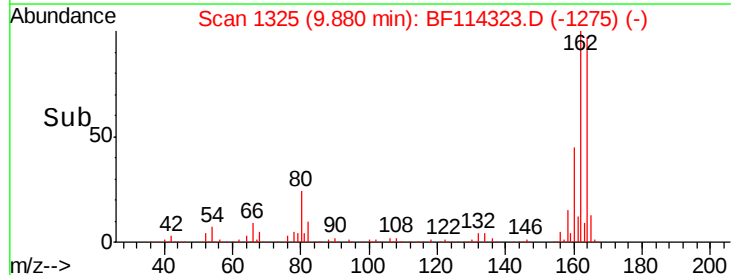
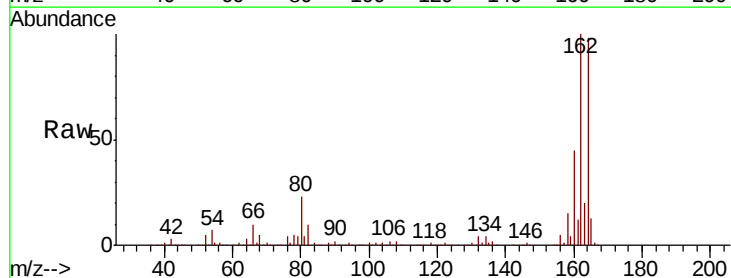
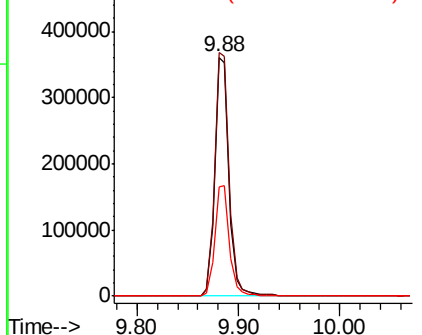
Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.9	80.6	120.8
160	45.9	36.5	54.7

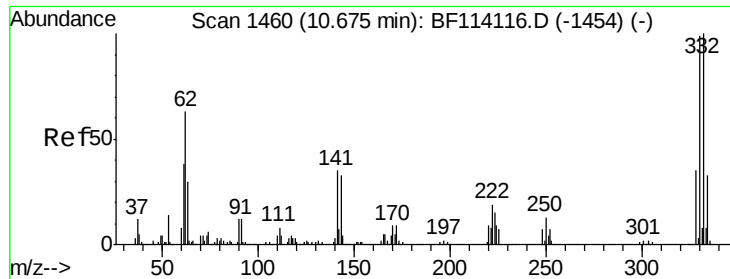
Abundance

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: 83.099 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.00 min

Lab File: BF114323.D

Acq: 16 May 2019 21:32

Instrument :

BNA_F

ClientSampleId :

HR-06-051519-A

Tot Ion:330 Resp: 301959

Ion Ratio Lower Upper

330 100

332 100.7 81.4 122.2

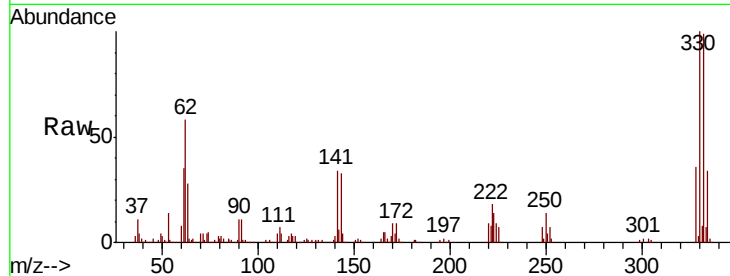
141 33.1 26.6 40.0

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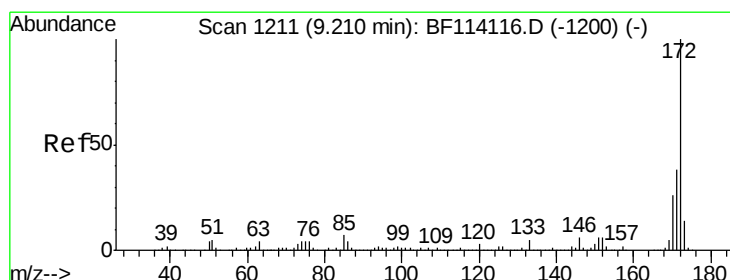
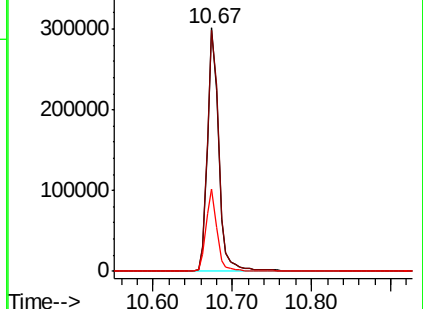
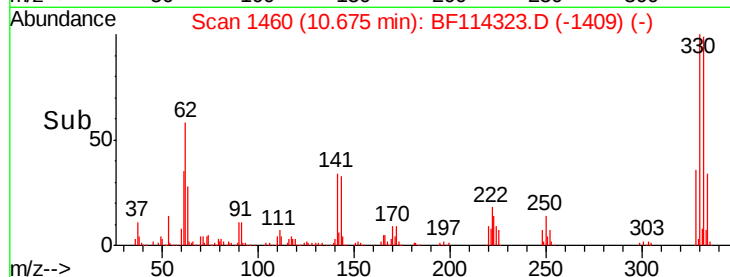
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Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 62.305 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BF114323.D

Acq: 16 May 2019 21:32

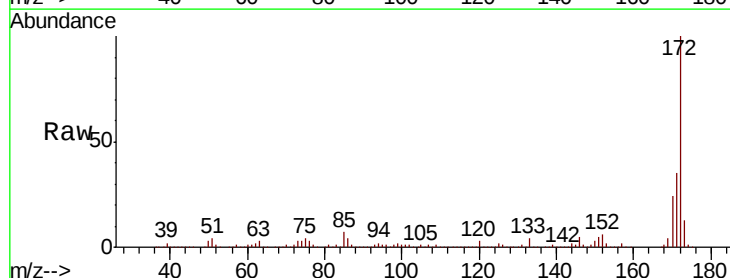
Tgt Ion:172 Resp: 1447713

Ion Ratio Lower Upper

172 100

171 35.1 30.7 46.1

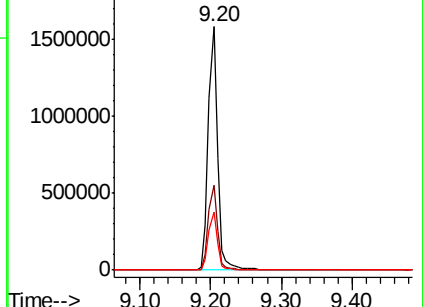
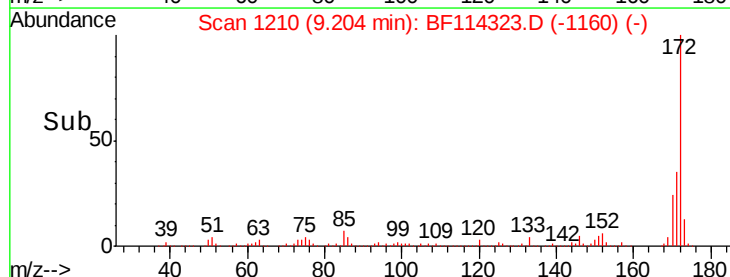
170 23.8 20.5 30.7

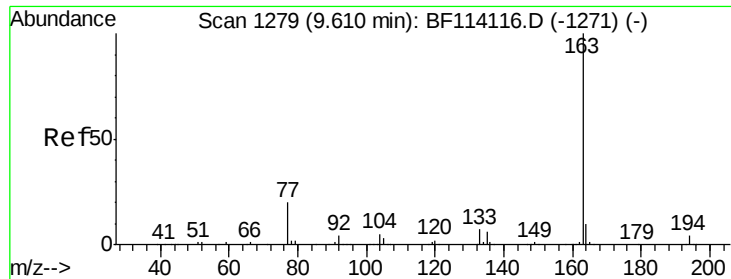


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





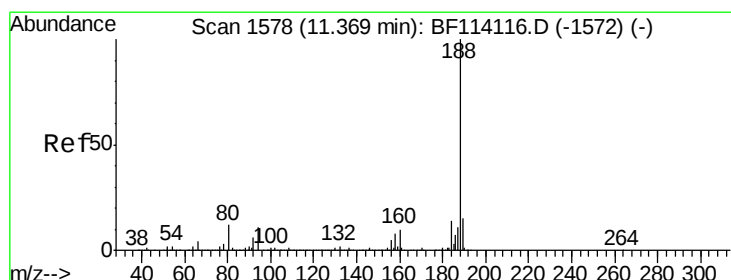
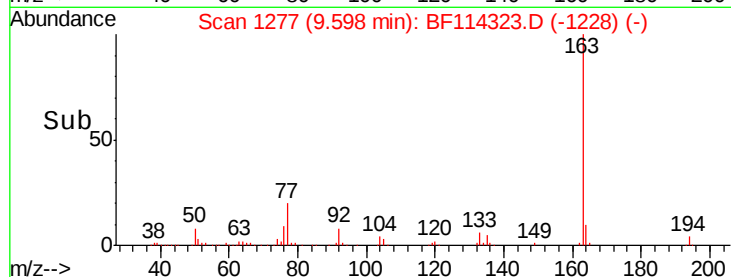
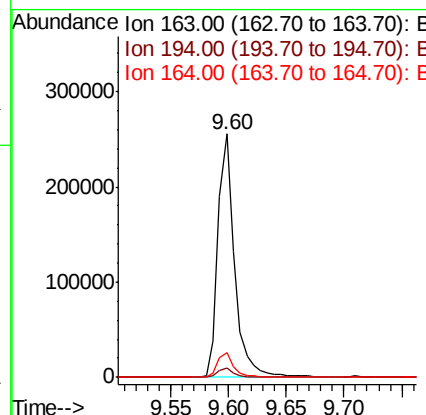
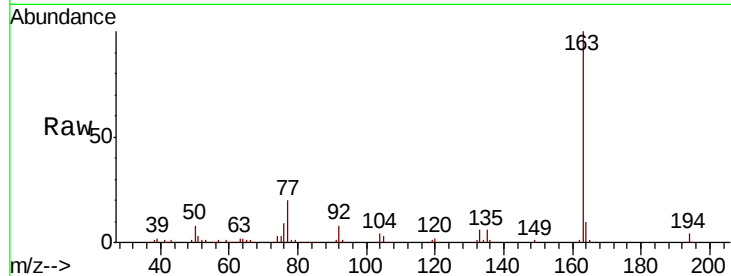
#50
Dimethylphthalate
Concen: 9.982 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF114323.D
Acq: 16 May 2019 21:32

Instrument :
BNA_F
ClientSampleId :
HR-06-051519-A

Tot Ion	Ratio	Resp	Lower	Upper
163	100	257545		
194	3.8		3.4	5.0
164	10.1		8.2	12.2

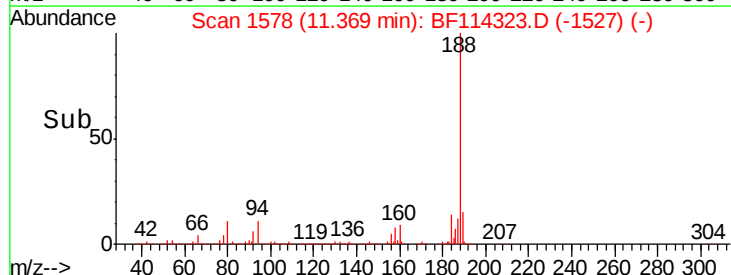
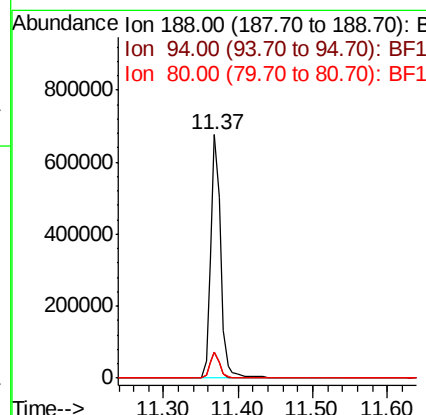
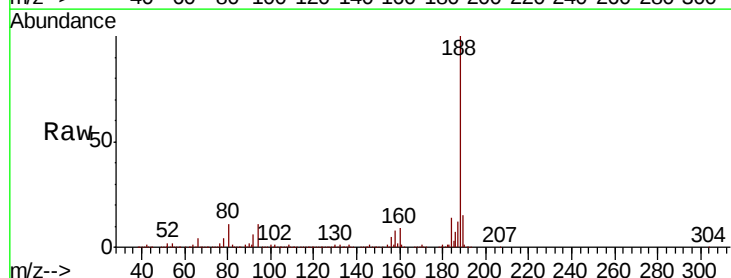
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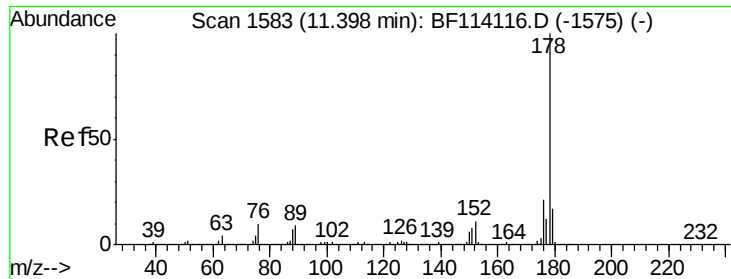
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF114323.D
Acq: 16 May 2019 21:32

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	631196		
94	10.7		8.4	12.6
80	10.8		9.2	13.8





#71

Phenanthrene

Concen: 4.316 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BF114323.D

Acq: 16 May 2019 21:32

Instrument :

BNA_F

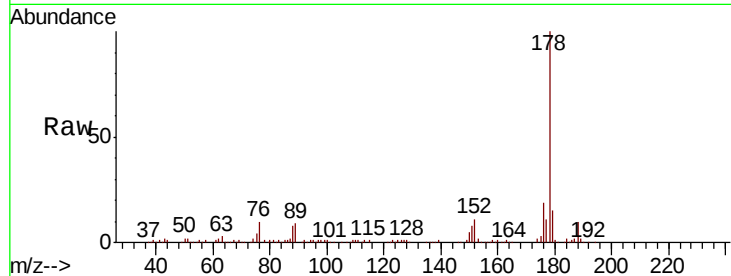
ClientSampleId :

HR-06-051519-A

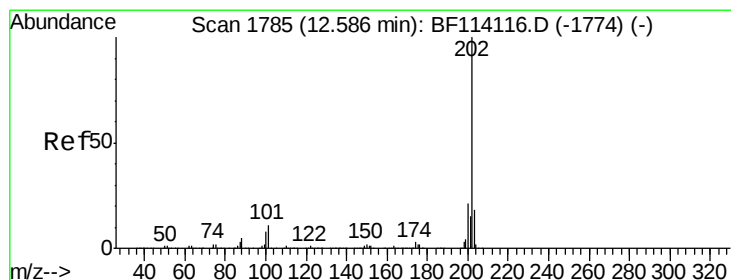
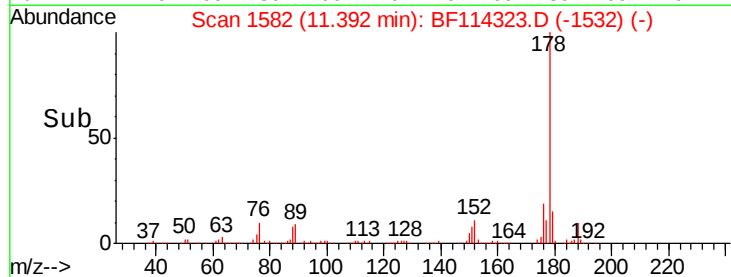
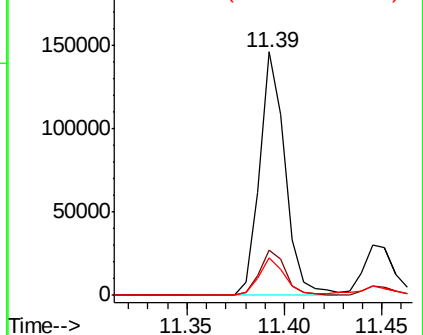
Tot Ion:	178	Resp:	132538
Ion Ratio	Lower	Upper	
178	100		
176	18.8	16.4	24.6
179	15.5	13.2	19.8

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#75

Fluoranthene

Concen: 4.787 ng

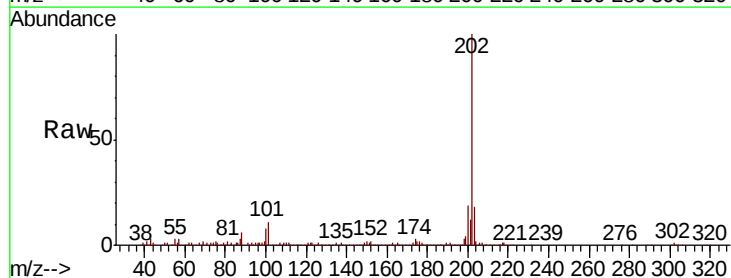
RT: 12.59 min Scan# 1785

Delta R.T. -0.00 min

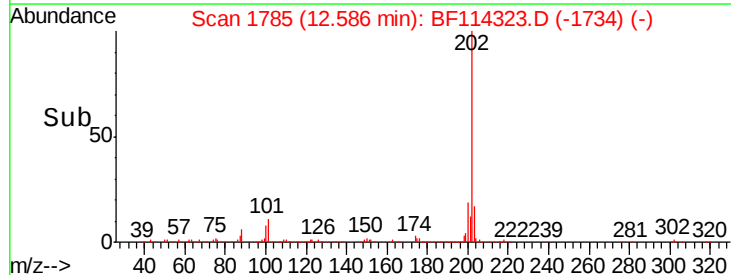
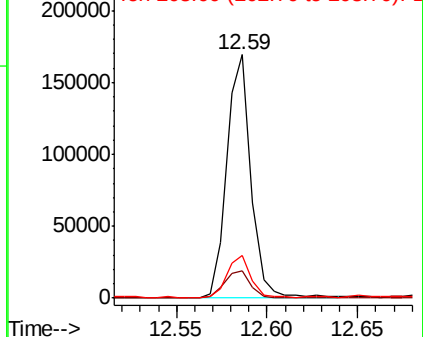
Lab File: BF114323.D

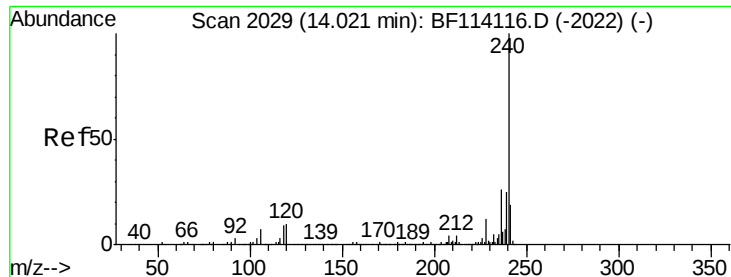
Acq: 16 May 2019 21:32

Tgt Ion:	202	Resp:	158291
Ion Ratio	Lower	Upper	
202	100		
101	11.3	0.0	31.0
203	17.6	0.0	38.4



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: BF114323.D

Acq: 16 May 2019 21:32

Instrument :

BNA_F

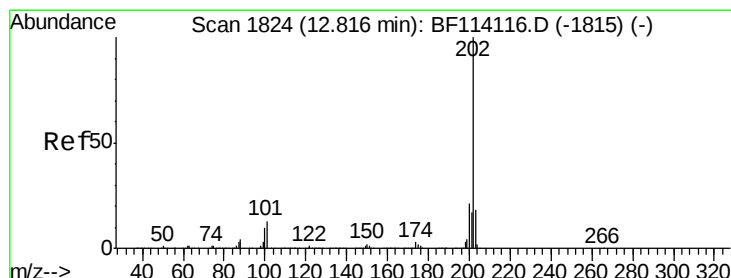
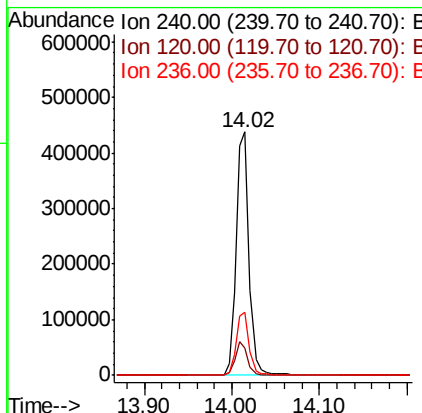
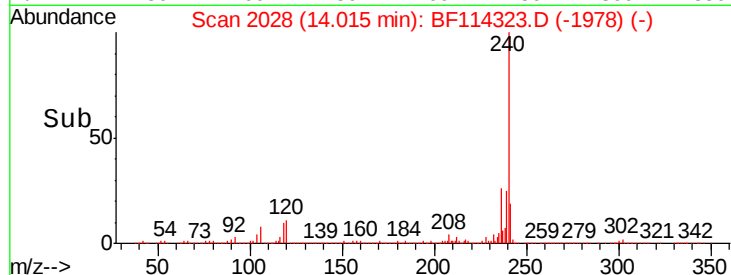
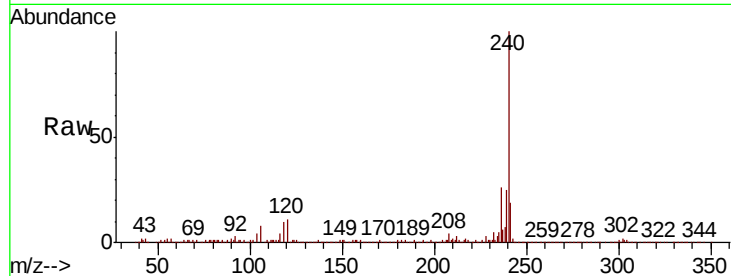
ClientSampleId :

HR-06-051519-A

Tot Ion:	240	Resp:	438070
Ion Ratio	Lower	Upper	
240	100		
120	11.0	8.3	12.5
236	25.9	20.8	31.2

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#78

Pyrene

Concen: 3.716 ng

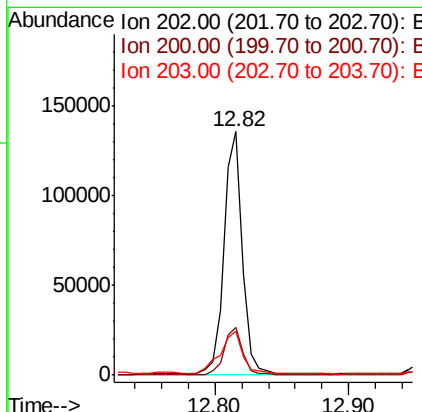
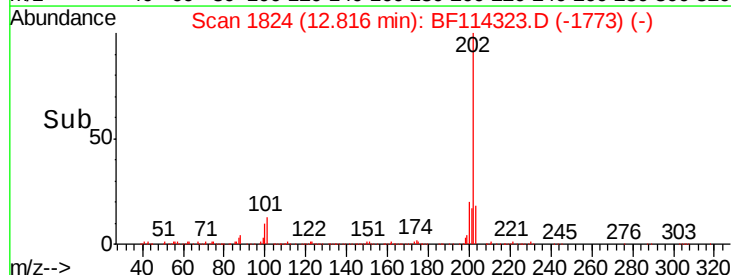
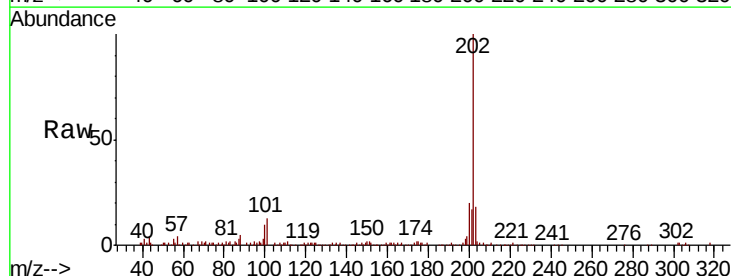
RT: 12.82 min Scan# 1824

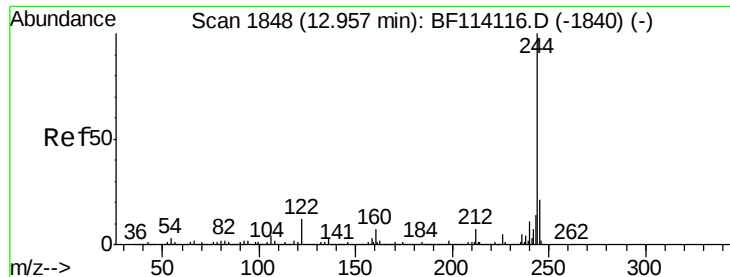
Delta R.T. -0.00 min

Lab File: BF114323.D

Acq: 16 May 2019 21:32

Tgt Ion:	202	Resp:	130963
Ion Ratio	Lower	Upper	
202	100		
200	19.6	16.9	25.3
203	18.1	14.5	21.7





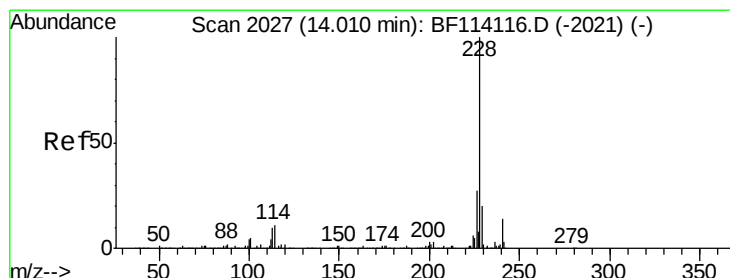
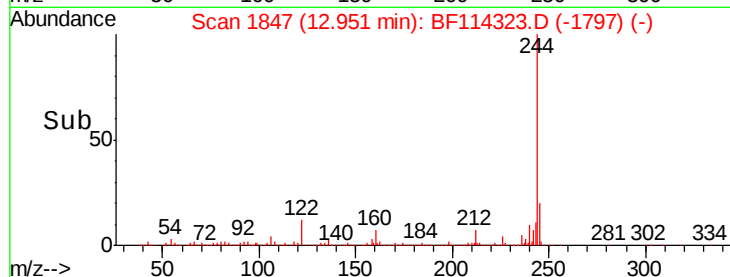
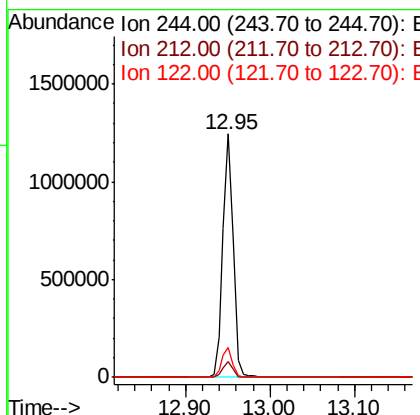
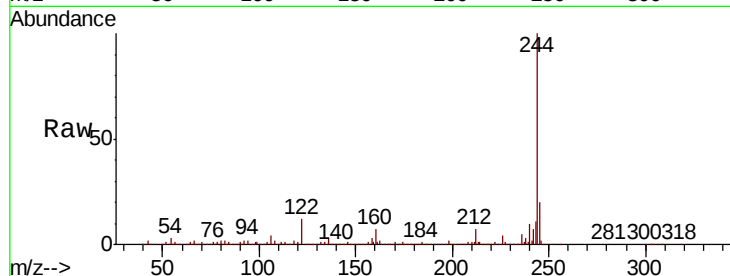
#79
 Terphenyl-d14
 Concen: 51.182 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF114323.D
 Acq: 16 May 2019 21:32

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-051519-A

Tot Ion:244 Resp: 1087648
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.8 8.6
 122 12.2 9.4 14.2

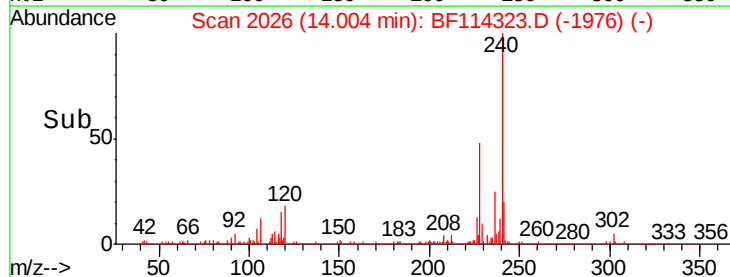
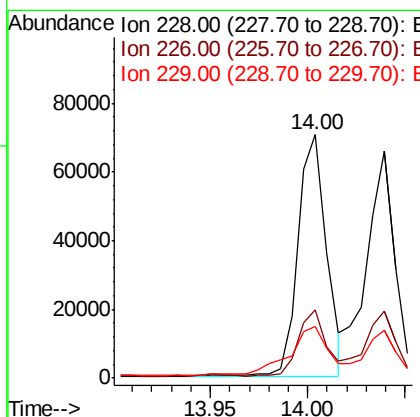
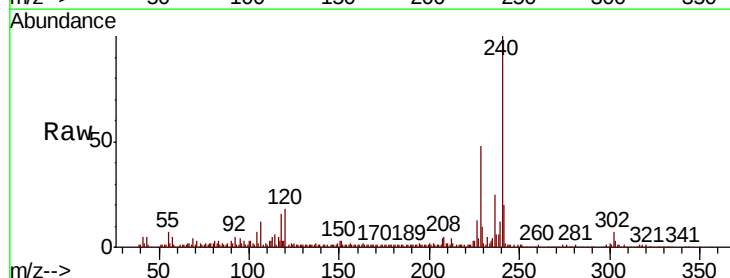
Manual Integrations
 APPROVED

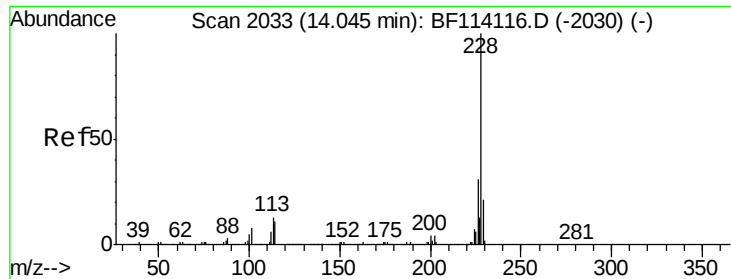
mohammad
 5/17/2019 3:03:50 PM



#81
 Benzo(a)anthracene
 Concen: 2.507 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF114323.D
 Acq: 16 May 2019 21:32

Tgt Ion:228 Resp: 71038
 Ion Ratio Lower Upper
 228 100
 226 27.9 22.2 33.2
 229 21.4 16.4 24.6





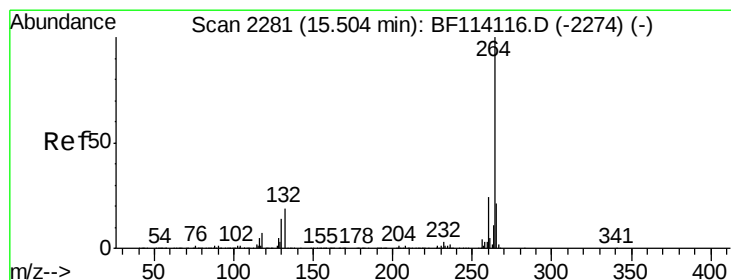
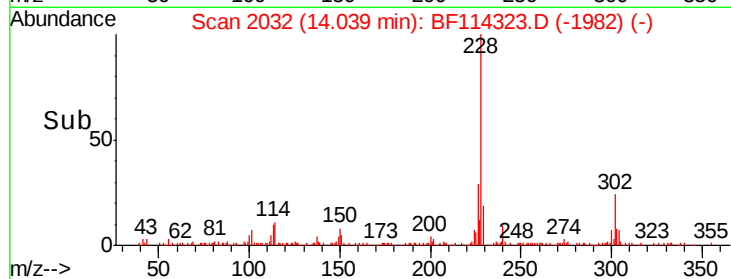
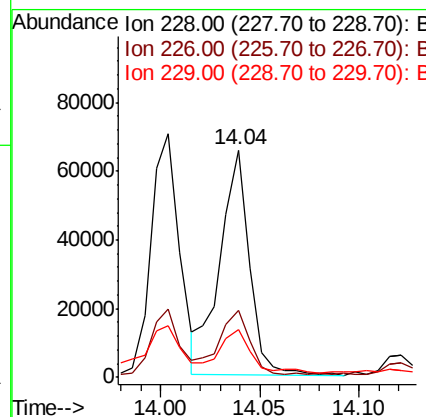
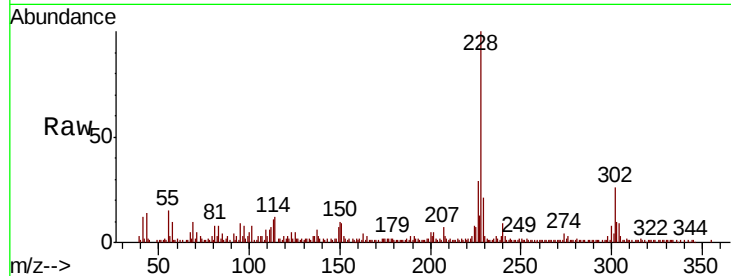
#83
 Chrysene
 Concen: 2.422 ng/ml
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF114323.D
 Acq: 16 May 2019 21:32

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-051519-A

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.4	25.0	37.6
229	21.1	17.0	25.6

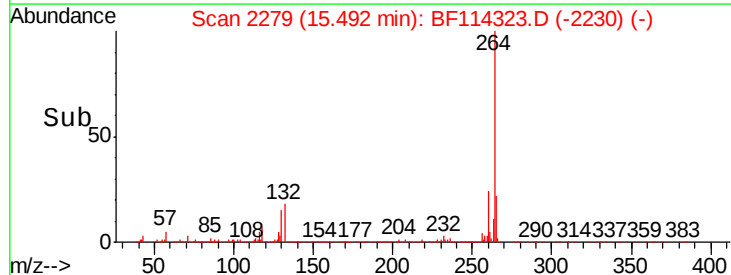
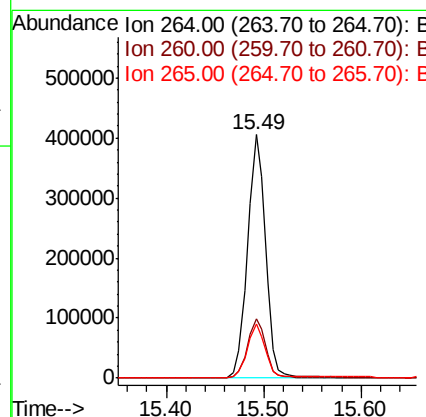
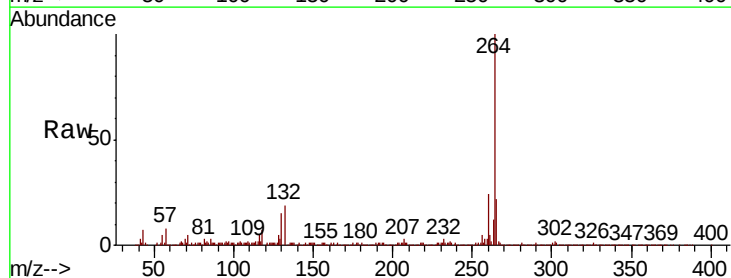
Manual Integrations
 APPROVED

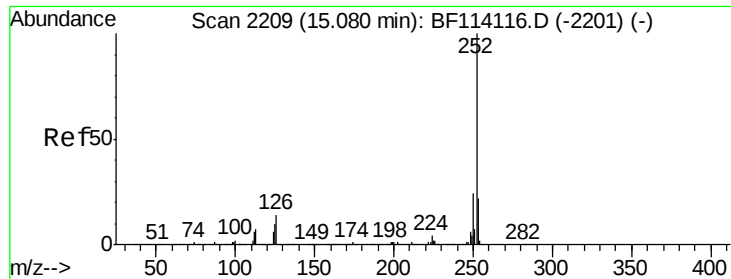
mohammad
 5/17/2019 3:03:50 PM



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. -0.01 min
 Lab File: BF114323.D
 Acq: 16 May 2019 21:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.0
265	22.0	16.9	25.3





#88

Benzo(b)fluoranthene

Concen: 2.569 ng

RT: 15.06 min Scan# 2206

Delta R.T. -0.02 min

Lab File: BF114323.D

Acq: 16 May 2019 21:32

Instrument :

BNA_F

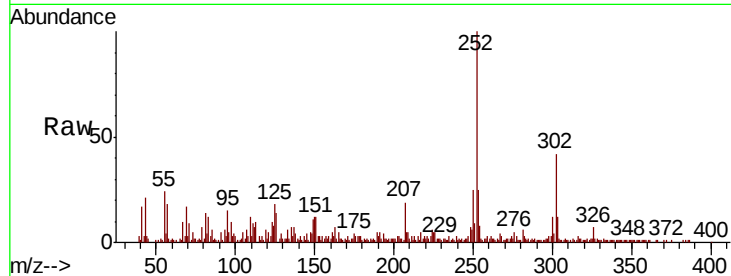
ClientSampleId :

HR-06-051519-A

Tot Ion:	252	Resp:	85490
Ion Ratio	Lower	Upper	
252	100		
253	25.1	17.8	26.8
125	17.7	8.3	12.5#

Manual Integrations
APPROVED

mohammad
5/17/2019 3:03:50 PM

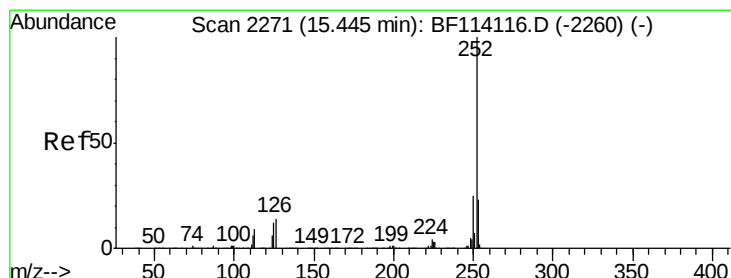
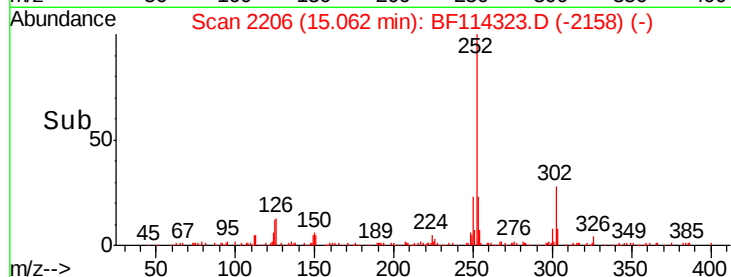
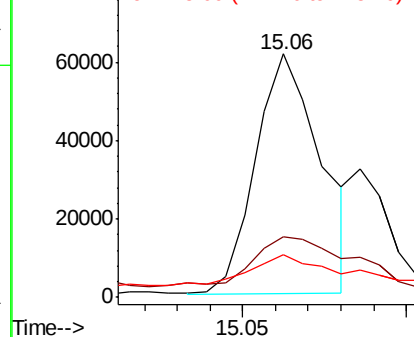


Abundance

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



#90

Benzo(a)pyrene

Concen: 2.006 ng

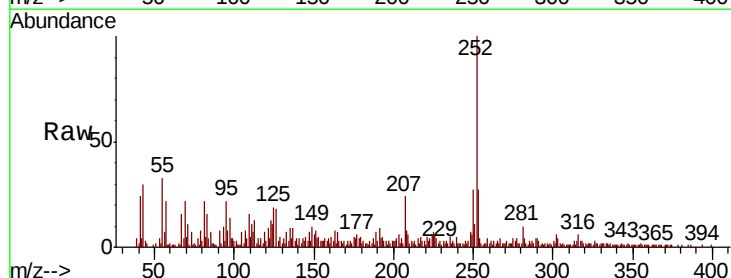
RT: 15.43 min Scan# 2268

Delta R.T. -0.02 min

Lab File: BF114323.D

Acq: 16 May 2019 21:32

Tgt Ion:	252	Resp:	58758
Ion Ratio	Lower	Upper	
252	100		
253	27.0	18.1	27.1
125	19.2	9.5	14.3#



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

