

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
 Data File : BF114040.D
 Acq On : 30 Apr 2019 14:25
 Operator : JU/SJ
 Sample : K2194-15 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-042919-H

Manual Integrations
 APPROVED

Sohil
 5/1/2019 11:58:39 AM

Quant Time: May 01 04:46:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	127568	20.00	ng	-0.01
21) Naphthalene-d8	8.17	136	499339	20.00	ng	-0.01
39) Acenaphthene-d10	9.92	164	251770	20.00	ng	-0.01
64) Phenanthrene-d10	11.41	188	453729	20.00	ng	0.00
76) Chrysene-d12	14.04	240	389576	20.00	ng	-0.02
87) Perylene-d12	15.53	264	375795	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	162404	21.77	ng	-0.01
7) Phenol-d6	6.51	99	225028	24.05	ng	-0.01
23) Nitrobenzene-d5	7.44	82	127947	15.82	ng	-0.02
42) 2,4,6-Tribromophenol	10.71	330	65809	21.46	ng	-0.01
45) 2-Fluorobiphenyl	9.24	172	288559	17.93	ng	-0.02
79) Terphenyl-d14	12.99	244	292328	15.38	ng	-0.02
Target Compounds						
25) Isophorone	7.44	82	127945	7.732	ng	# 65
50) Dimethylphthalate	9.63	163	41693	2.290	ng	99
71) Phenanthrene	11.43	178	85672	3.757	ng	98
75) Fluoranthene	12.62	202	133213	5.355	ng	98
78) Pyrene	12.84	202	137946	5.063	ng	97
81) Benzo(a)anthracene	14.03	228	68437	2.982	ng	96
83) Chrysene	14.07	228	60476	2.705	ng	94
88) Benzo(b)fluoranthene	15.10	252	74684m	3.141	ng	
90) Benzo(a)pyrene	15.47	252	53799	2.616	ng	# 92

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

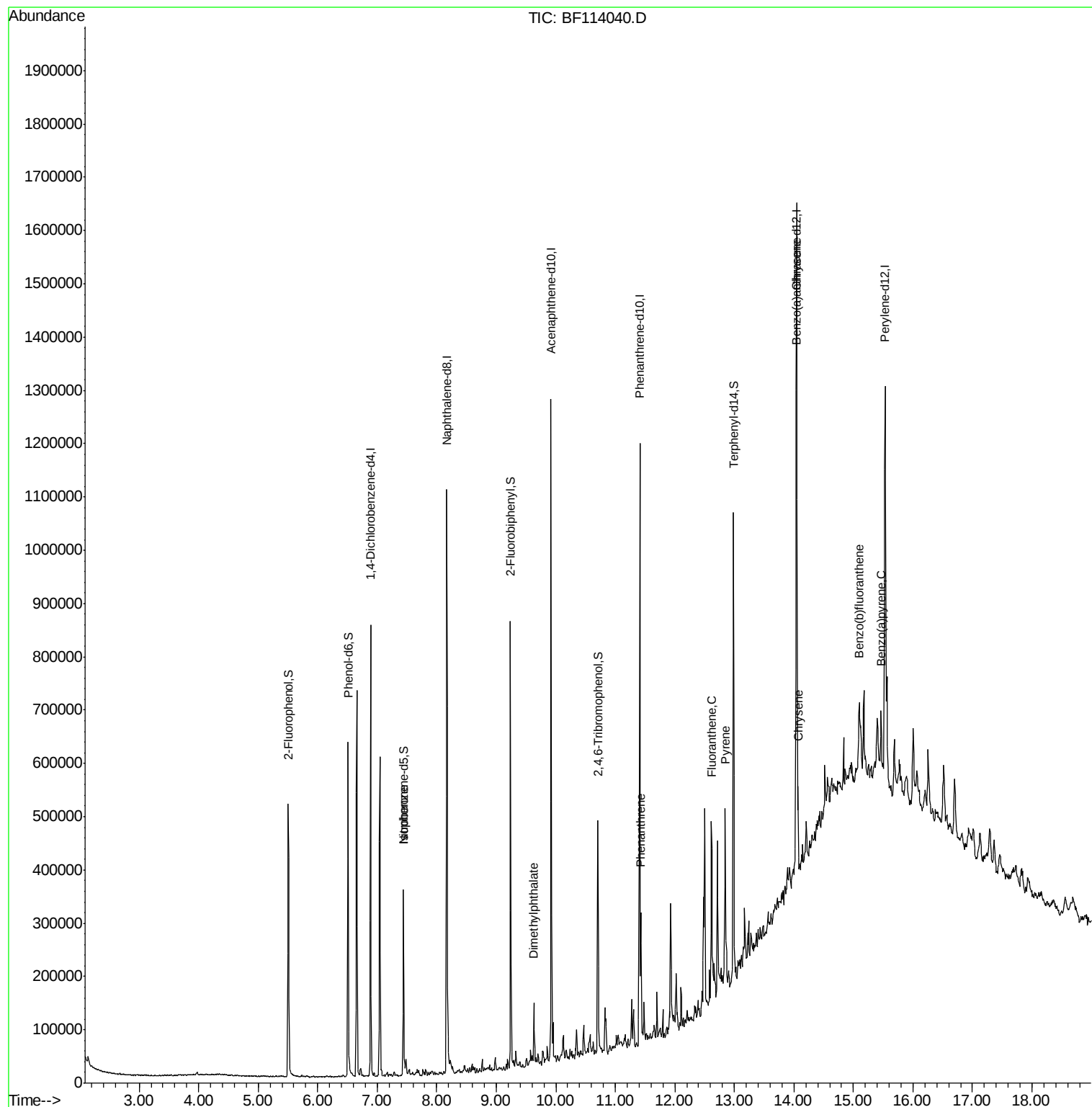
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114040.D
Acq On : 30 Apr 2019 14:25
Operator : JU/SJ
Sample : K2194-15 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

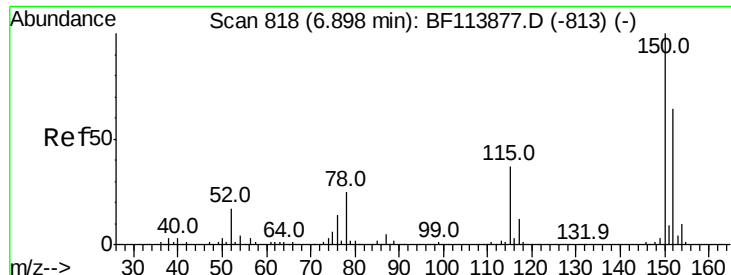
Instrument :
BNA_F
ClientSampleId :
JC-03-042919-H

Manual Integrations
APPROVED

Sohil
5/1/2019 11:58:39 AM

Quant Time: May 01 04:46:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 03:32:35 2019
Response via : Initial Calibration





#1

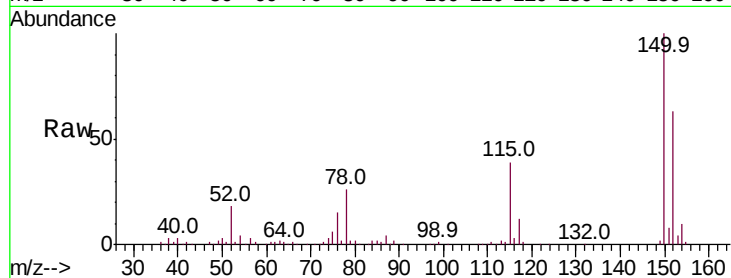
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF114040.D
Acq: 30 Apr 2019 14:25

Instrument :
BNA_F
ClientSampleId :
JC-03-042919-H

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	125.9	188.9
115	61.6	45.9	68.9

Manual Integrations
APPROVED

Sohil
5/1/2019 11:58:39 AM

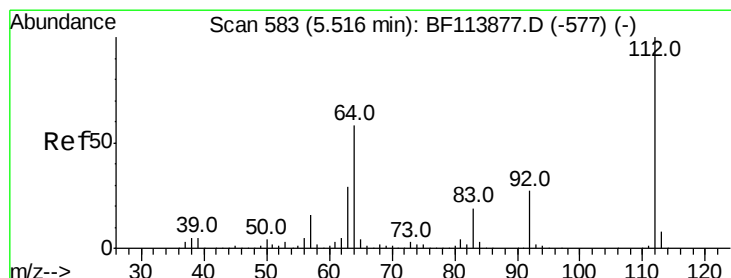
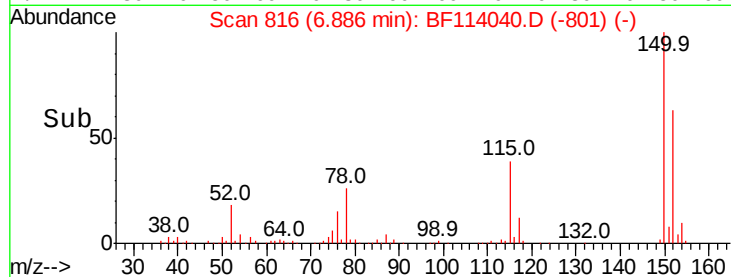
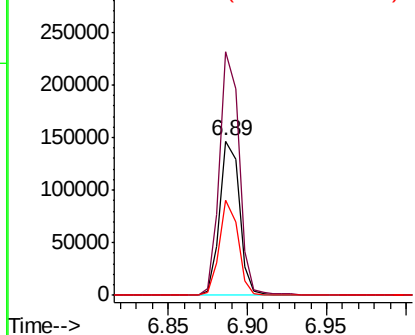


Abundance

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: 21.774 ng
RT: 5.50 min Scan# 581
Delta R.T. -0.01 min
Lab File: BF114040.D
Acq: 30 Apr 2019 14:25

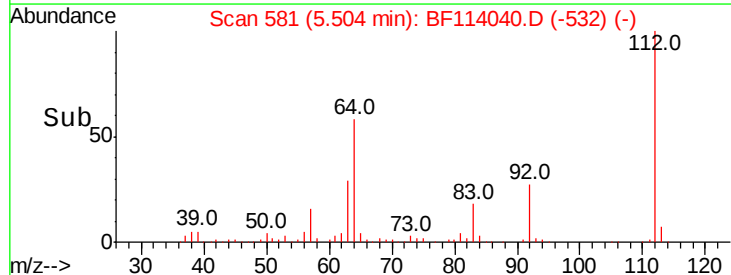
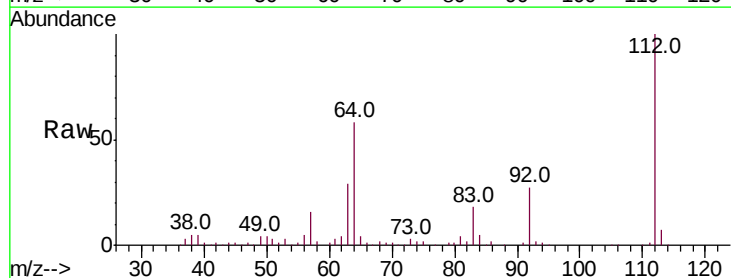
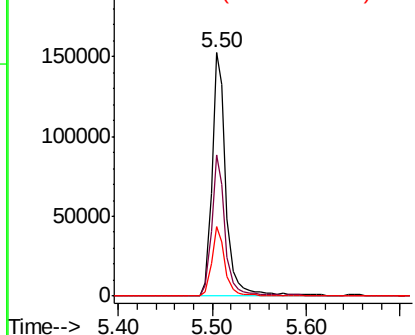
Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.8	46.6	69.8
63	28.5	23.1	34.7

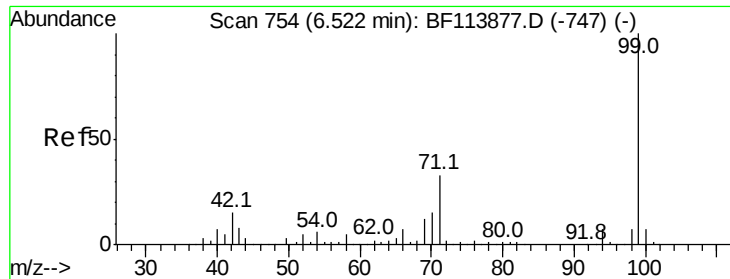
Abundance

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: 24.047 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF114040.D

Acq: 30 Apr 2019 14:25

Instrument :

BNA_F

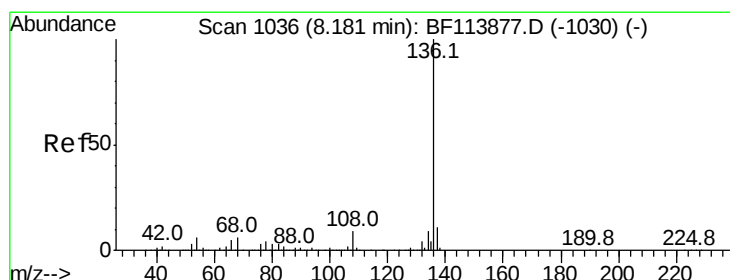
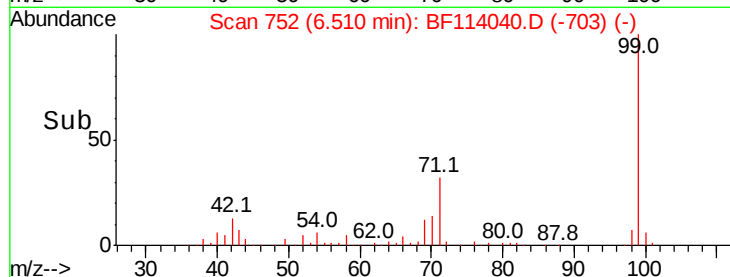
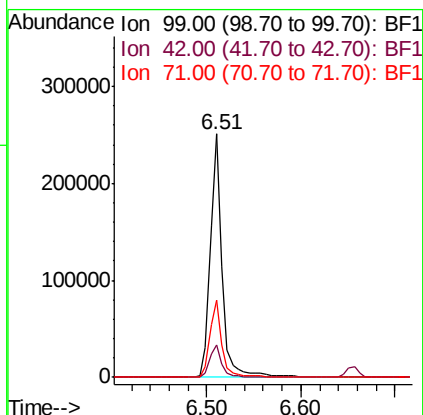
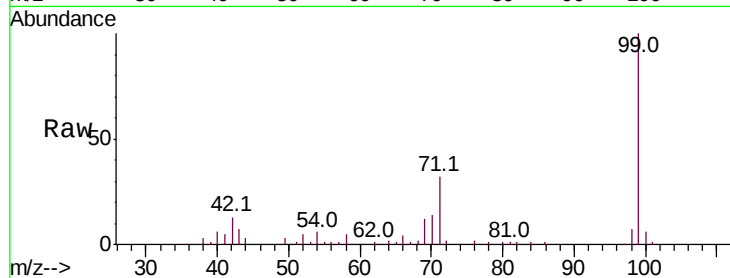
ClientSampleId :

JC-03-042919-H

Tot Ion:	99	Resp:	225028
Ion	Ratio	Lower	Upper
99	100		
42	13.4	12.5	18.7
71	31.8	26.9	40.3

Manual Integrations
APPROVED

Sohil
5/1/2019 11:58:39 AM



#21

Naphthalene-d8

Concen: 20.000 ng

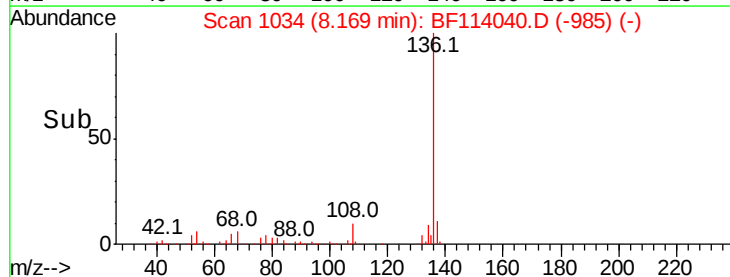
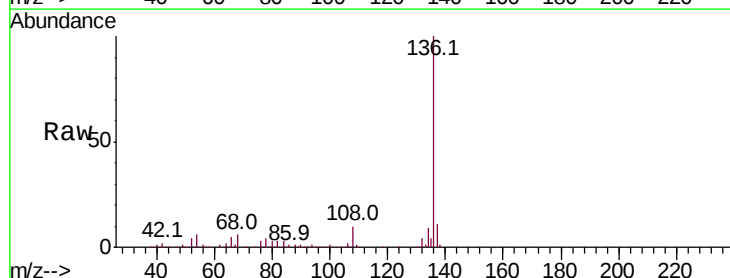
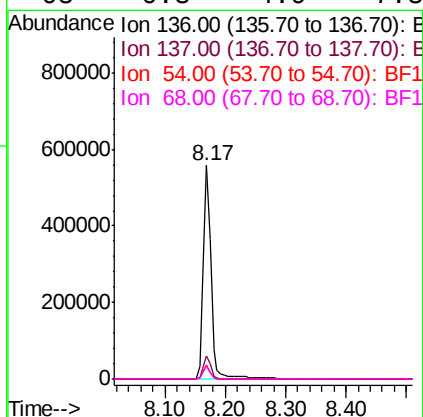
RT: 8.17 min Scan# 1034

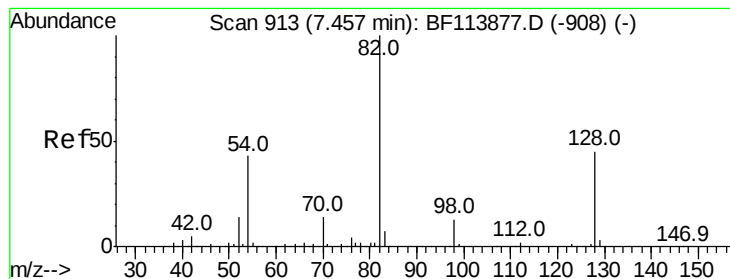
Delta R.T. -0.01 min

Lab File: BF114040.D

Acq: 30 Apr 2019 14:25

Tgt Ion:	136	Resp:	499339
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	6.4	5.0	7.6
68	6.3	4.9	7.3





#23

Nitrobenzene-d5

Concen: 15.821 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.02 min

Lab File: BF114040.D

Acq: 30 Apr 2019 14:25

Instrument :

BNA_F

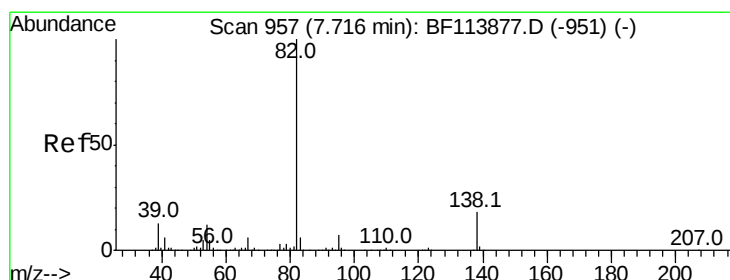
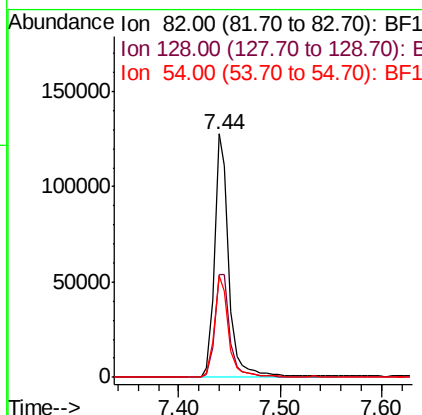
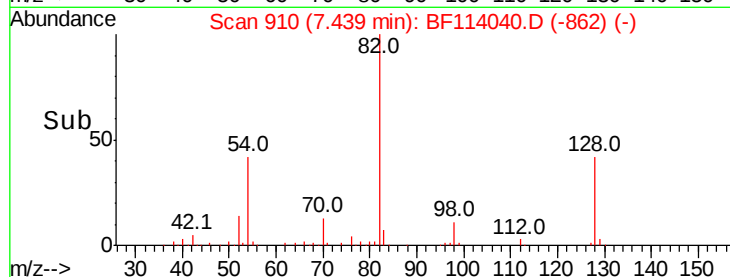
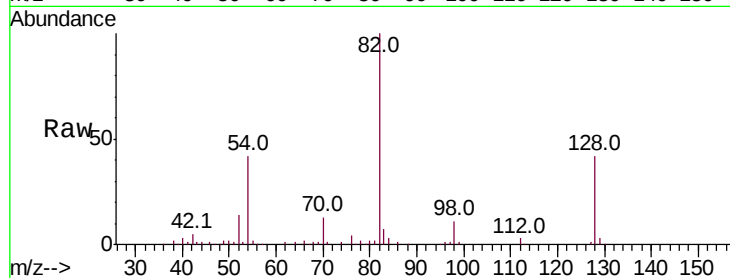
ClientSampleId :

JC-03-042919-H

Tot Ion:	82	Resp:	127947
Ion Ratio	Lower	Upper	
82	100		
128	42.4	36.8	55.2
54	41.5	33.8	50.6

Manual Integrations
APPROVED

Sohil
5/1/2019 11:58:39 AM



#25

Isophorone

Concen: 7.732 ng

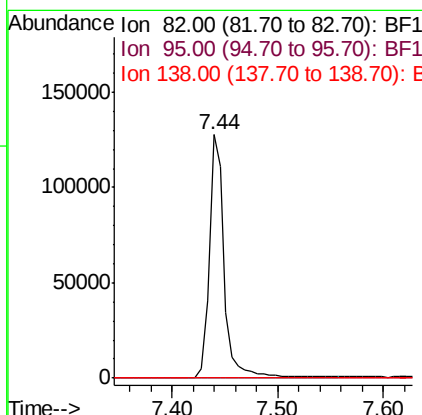
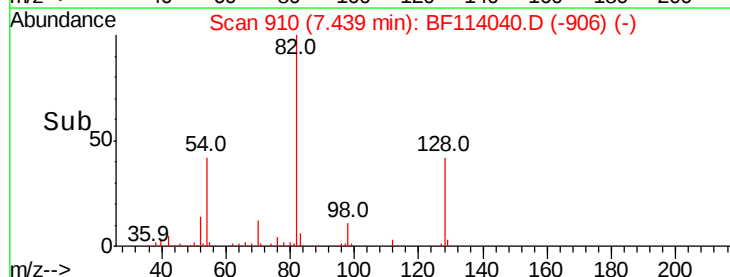
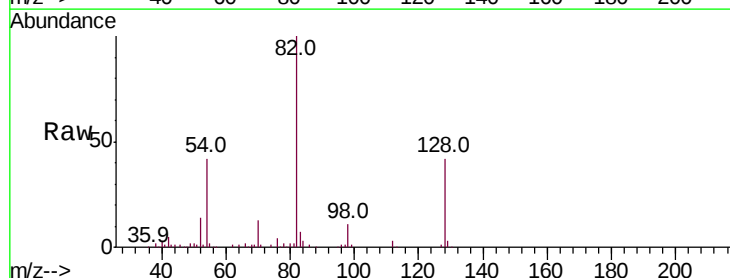
RT: 7.44 min Scan# 910

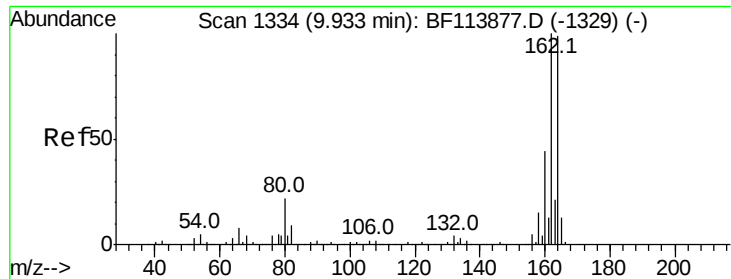
Delta R.T. -0.28 min

Lab File: BF114040.D

Acq: 30 Apr 2019 14:25

Tgt Ion:	82	Resp:	127945
Ion Ratio	Lower	Upper	
82	100		
95	0.3	5.4	8.2#
138	0.0	14.6	22.0#





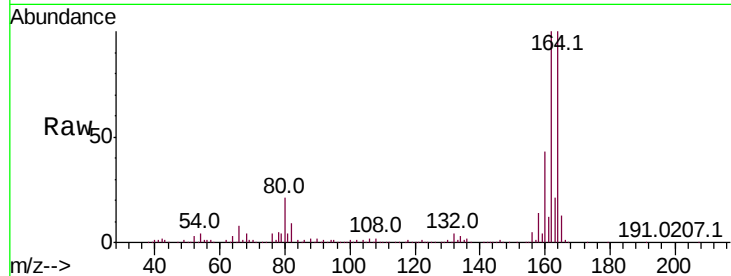
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF114040.D
Acq: 30 Apr 2019 14:25

Instrument :
BNA_F
ClientSampleId :
JC-03-042919-H

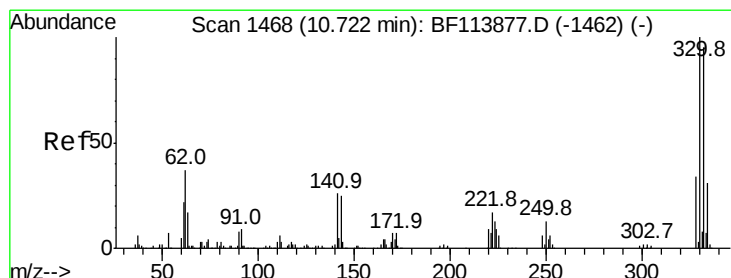
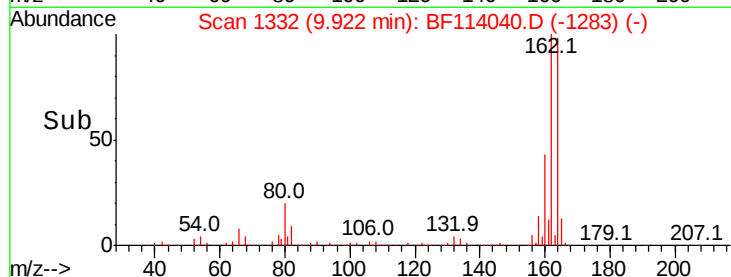
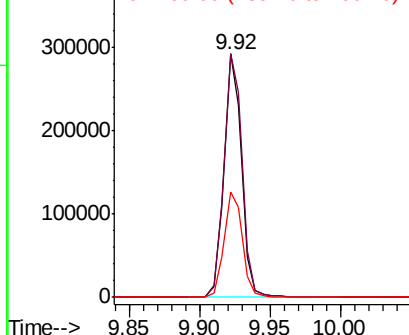
Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.1	81.1	121.7	
160	43.5	35.8	53.6	

Manual Integrations
APPROVED

Sohil
5/1/2019 11:58:39 AM

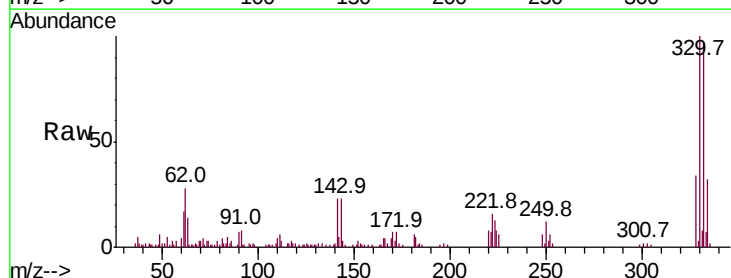


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

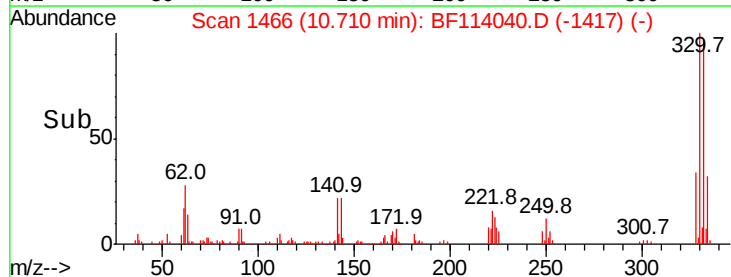
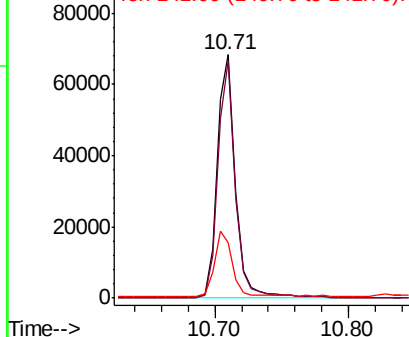


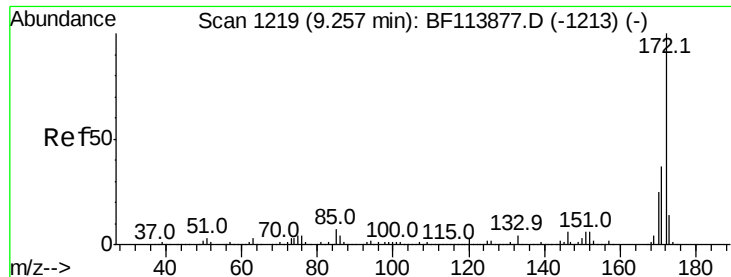
#42
2,4,6-Tribromophenol
Concen: 21.457 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF114040.D
Acq: 30 Apr 2019 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	94.0	77.5	116.3	
141	27.1	22.2	33.2	



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





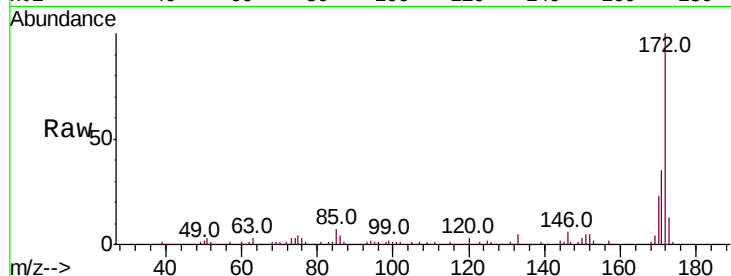
#45
2-Fluorobiphenyl
Concen: 17.926 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.02 min
Lab File: BF114040.D
Acq: 30 Apr 2019 14:25

Instrument :
BNA_F
ClientSampleId :
JC-03-042919-H

Tot Ion	Ratio	Resp	Lower	Upper
172	100	288559		
171	34.8		29.4	44.0
170	23.4		19.9	29.9

Manual Integrations
APPROVED

Sohil
5/1/2019 11:58:39 AM

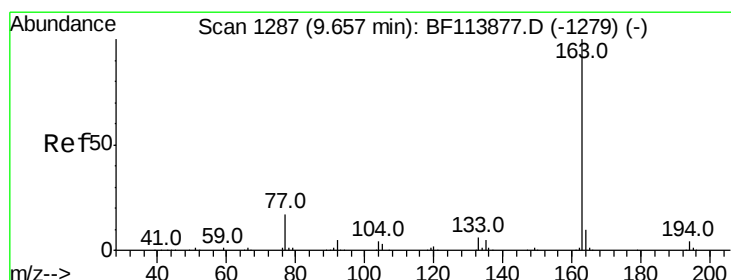
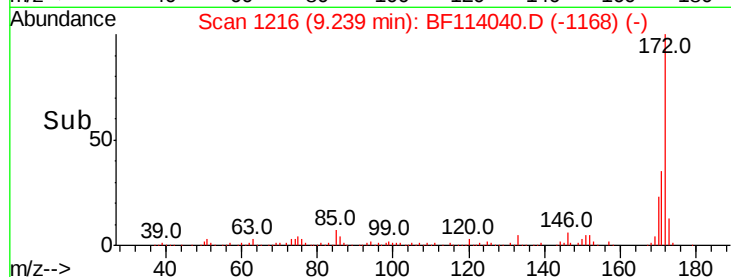
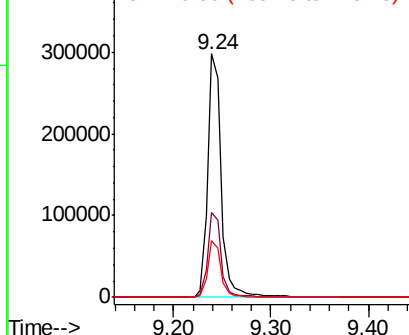


Abundance

Ion 172.00 (171.70 to 172.70): E

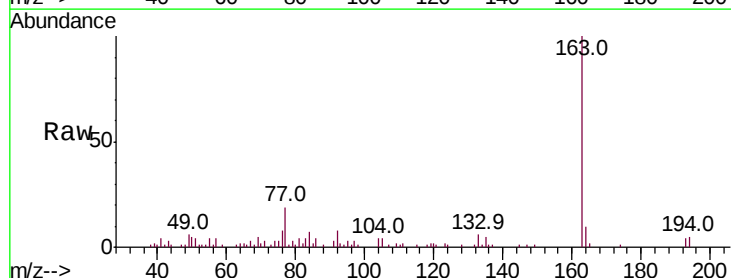
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 2.290 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.02 min
Lab File: BF114040.D
Acq: 30 Apr 2019 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	41693		
194	4.7		3.4	5.2
164	10.3		8.5	12.7

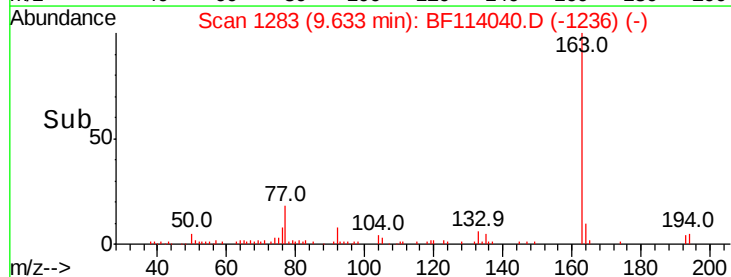
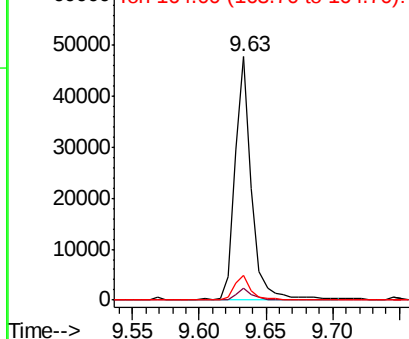


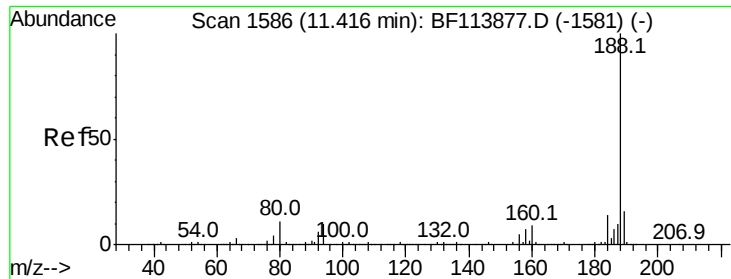
Abundance

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





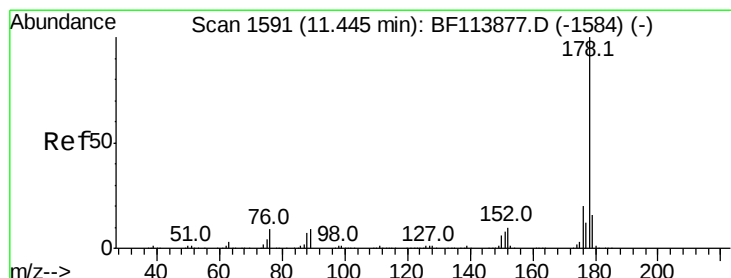
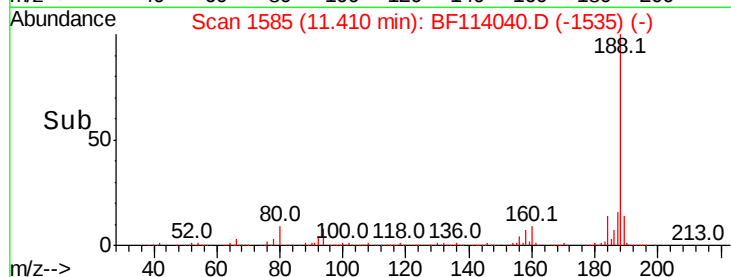
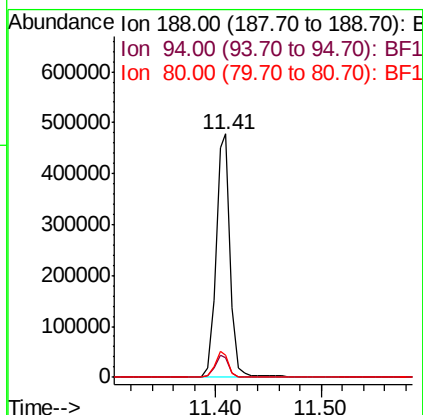
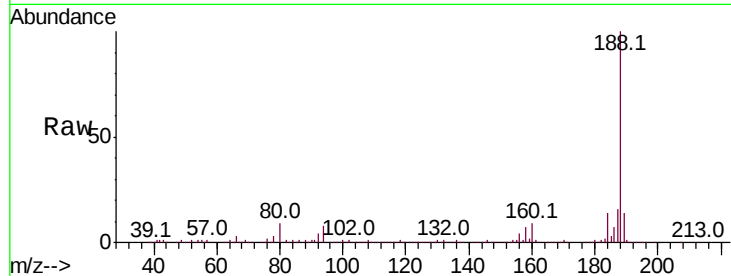
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF114040.D
Acq: 30 Apr 2019 14:25

Instrument :
BNA_F
ClientSampleId :
JC-03-042919-H

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.0	8.2	12.4#
80	9.2	9.0	13.6

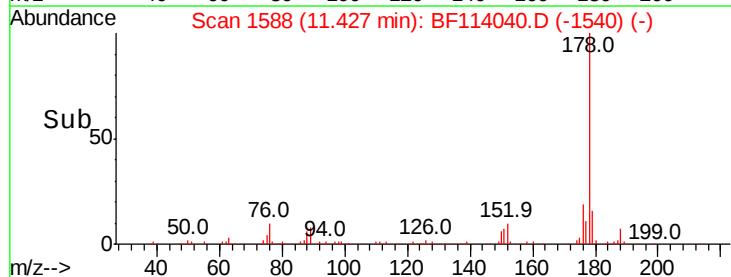
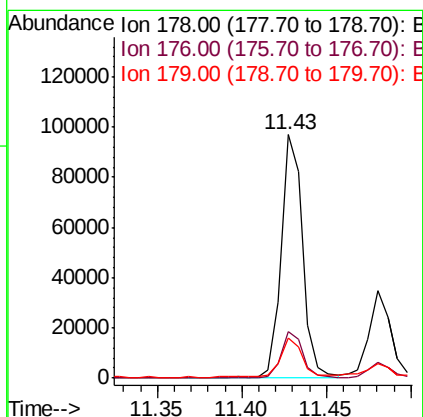
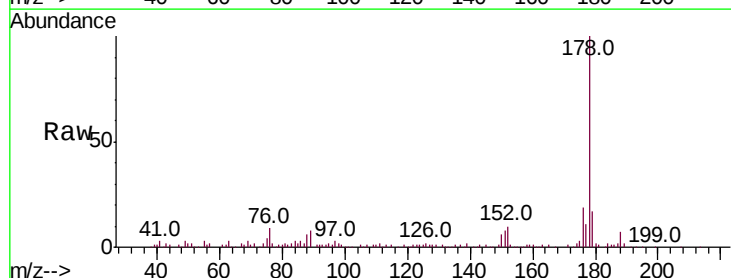
Manual Integrations
APPROVED

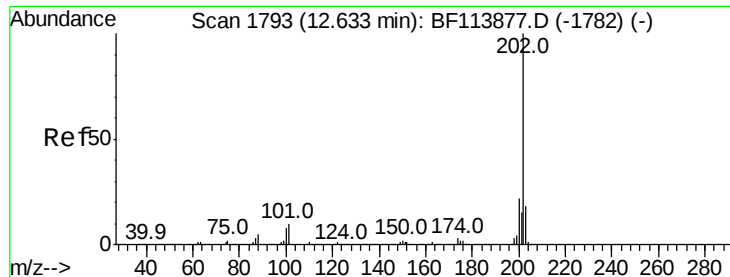
Sohil
5/1/2019 11:58:39 AM



#71
Phenanthrene
Concen: 3.757 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.02 min
Lab File: BF114040.D
Acq: 30 Apr 2019 14:25

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.1	24.1
179	16.7	12.8	19.2





#75

Fluoranthene

Concen: 5.355 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.02 min

Lab File: BF114040.D

Acq: 30 Apr 2019 14:25

Instrument :

BNA_F

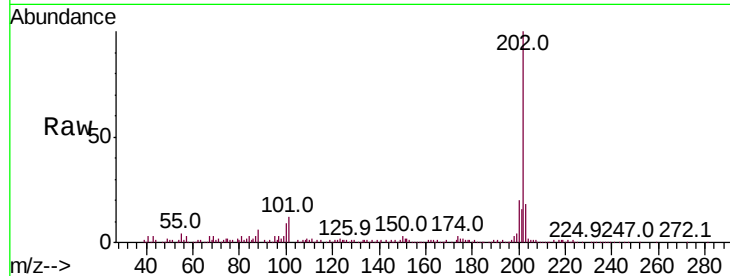
ClientSampleId :

JC-03-042919-H

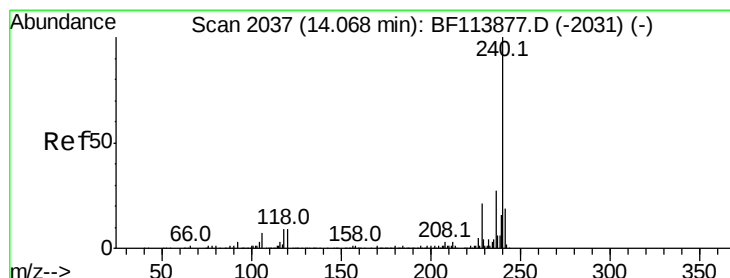
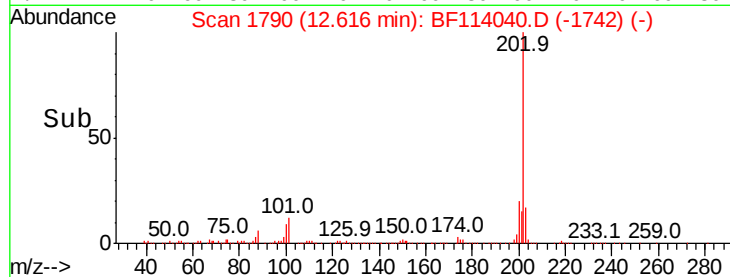
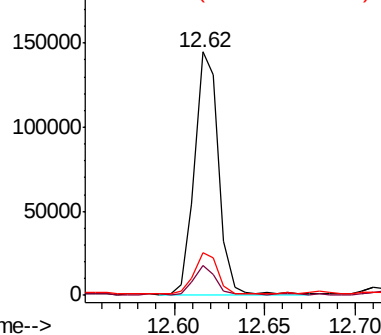
Tot Ion:	202	Resp:	133213
Ion Ratio		Lower	Upper
202	100		
101	12.2	0.0	32.9
203	17.6	0.0	38.2

Manual Integrations
APPROVED

Sohil
5/1/2019 11:58:39 AM



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: 14.04 min Scan# 2033

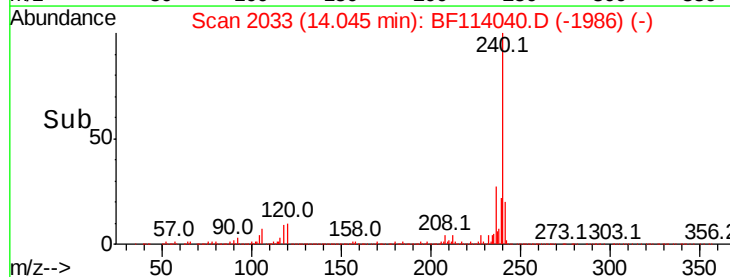
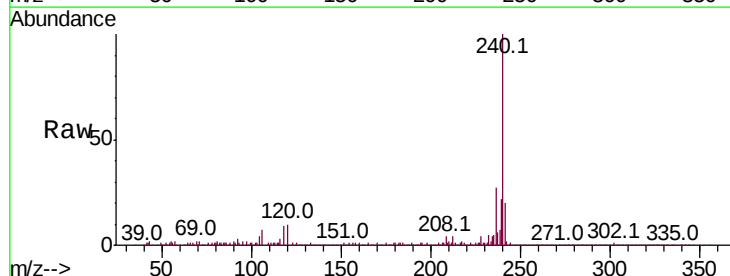
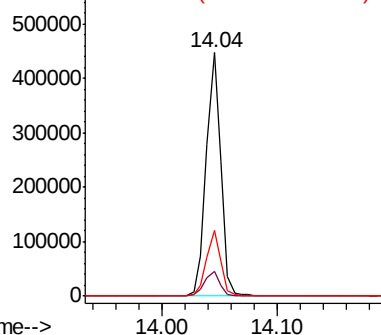
Delta R.T. -0.02 min

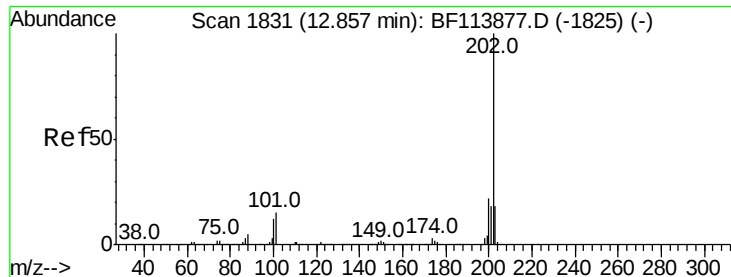
Lab File: BF114040.D

Acq: 30 Apr 2019 14:25

Tgt Ion:	240	Resp:	389576
Ion Ratio		Lower	Upper
240	100		
120	10.2	9.3	13.9
236	26.9	21.2	31.8

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





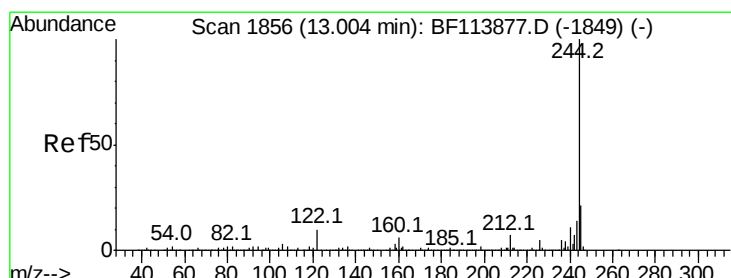
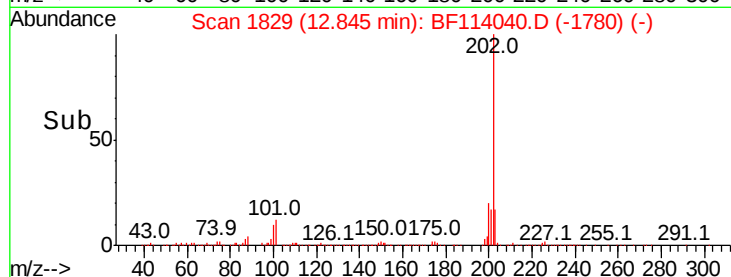
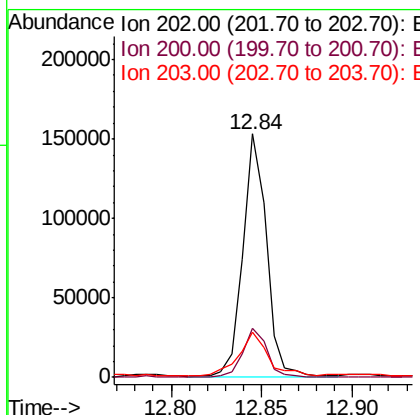
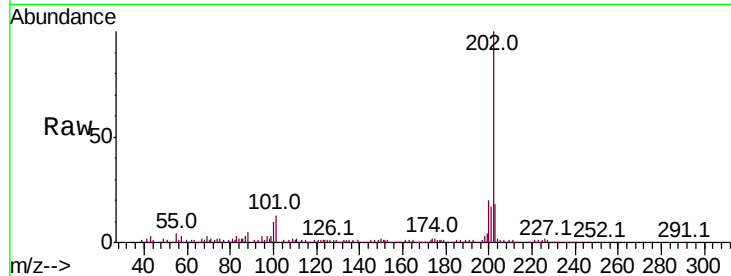
#78
Pvrene
Concen: 5.063 ng
RT: 12.84 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF114040.D
Acq: 30 Apr 2019 14:25

Instrument :
BNA_F
ClientSampleId :
JC-03-042919-H

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.1	17.7	26.5
203	18.4	15.0	22.6

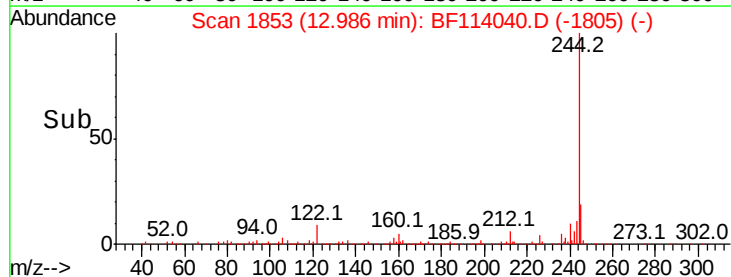
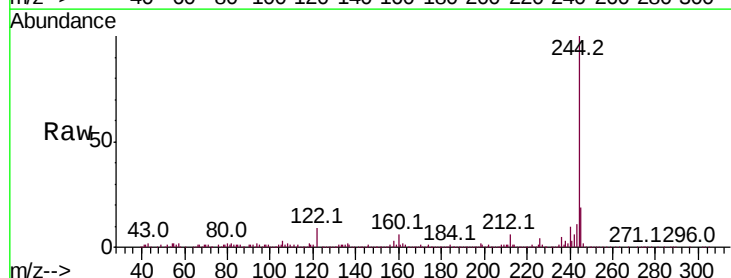
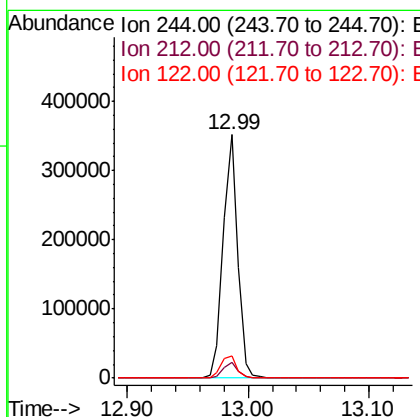
Manual Integrations
APPROVED

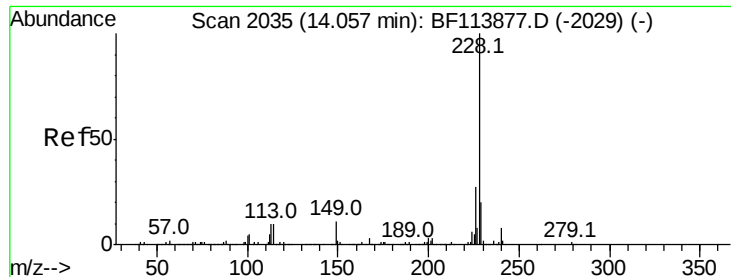
Sohil
5/1/2019 11:58:39 AM



#79
Terphenyl-d14
Concen: 15.384 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.02 min
Lab File: BF114040.D
Acq: 30 Apr 2019 14:25

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.3	5.4	8.2
122	9.1	7.6	11.4





#81

Benzo(a)anthracene

Concen: 2.982 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.02 min

Lab File: BF114040.D

Acq: 30 Apr 2019 14:25

Instrument :

BNA_F

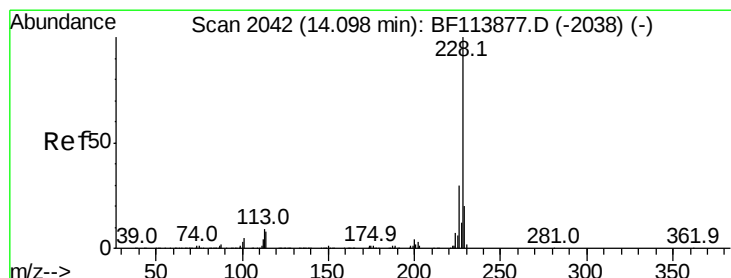
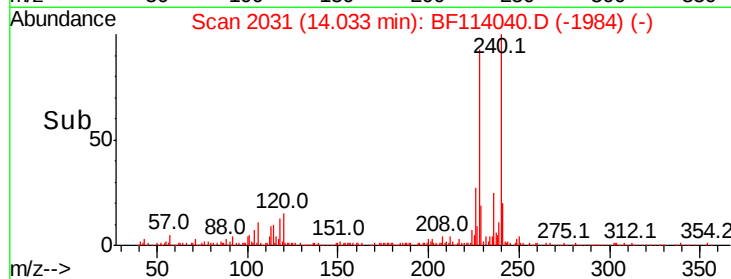
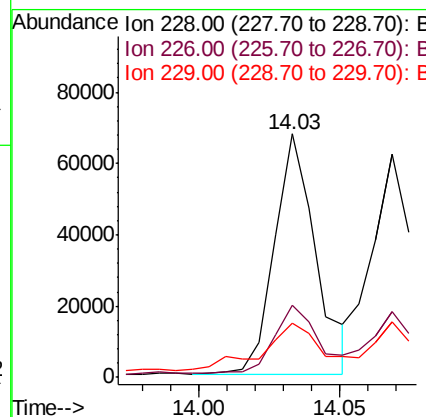
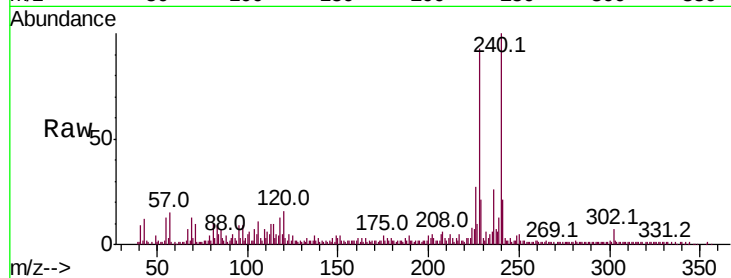
ClientSampleId :

JC-03-042919-H

Tot Ion:	228	Resp:	68437
Ion Ratio	Lower	Upper	
228	100		
226	29.4	22.2	33.2
229	22.2	16.0	24.0

Manual Integrations
APPROVED

Sohil
5/1/2019 11:58:39 AM



#83

Chrysene

Concen: 2.705 ng

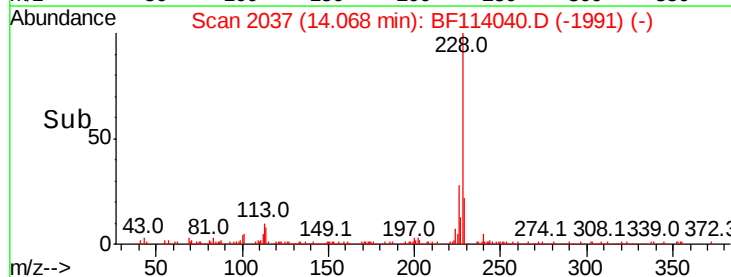
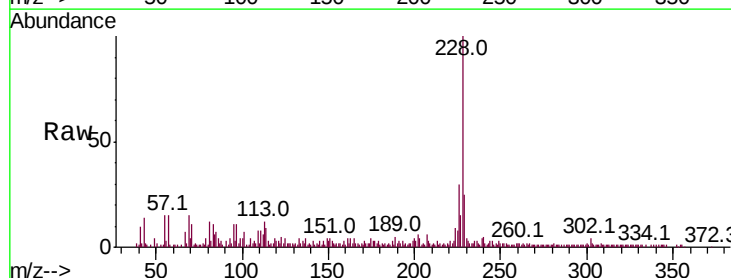
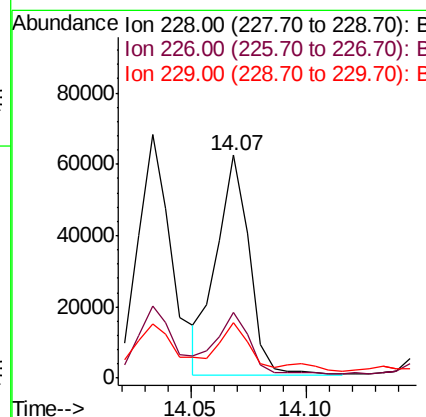
RT: 14.07 min Scan# 2037

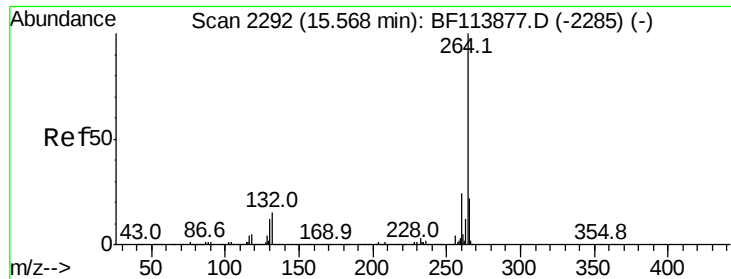
Delta R.T. -0.03 min

Lab File: BF114040.D

Acq: 30 Apr 2019 14:25

Tgt Ion:	228	Resp:	60476
Ion Ratio	Lower	Upper	
228	100		
226	29.6	25.2	37.8
229	24.9	16.7	25.1





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.53 min Scan# 2286

Delta R.T. -0.04 min

Lab File: BF114040.D

Acq: 30 Apr 2019 14:25

Instrument :

BNA_F

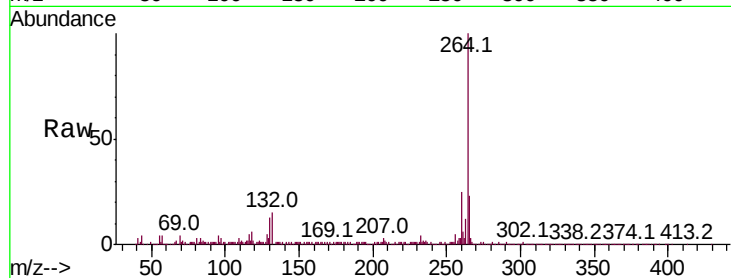
ClientSampleId :

JC-03-042919-H

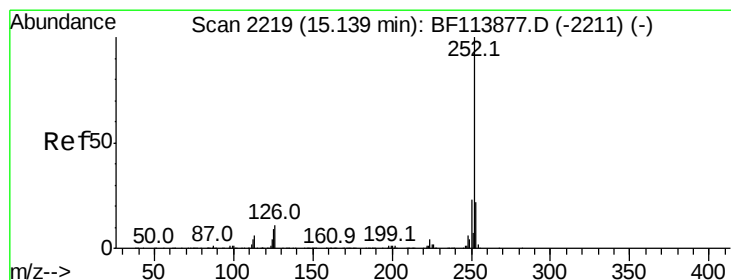
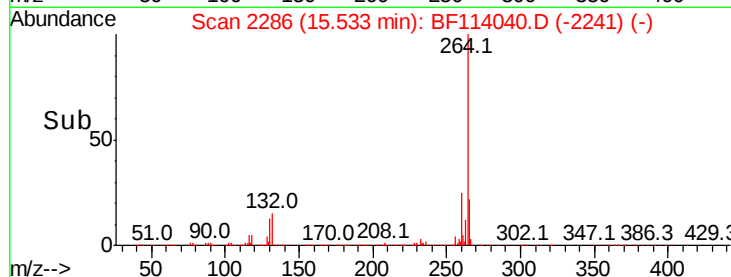
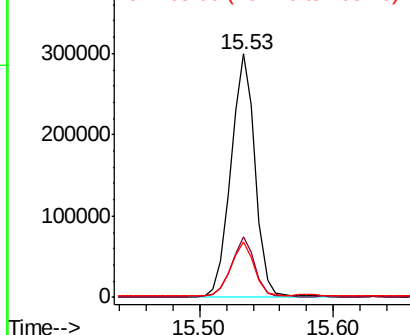
Tot Ion:	264	Resp:	375795
Ion Ratio	Lower	Upper	
264	100		
260	25.0	18.9	28.3
265	22.5	17.3	25.9

Manual Integrations
APPROVED

Sohil
5/1/2019 11:58:39 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: 3.141 ng m

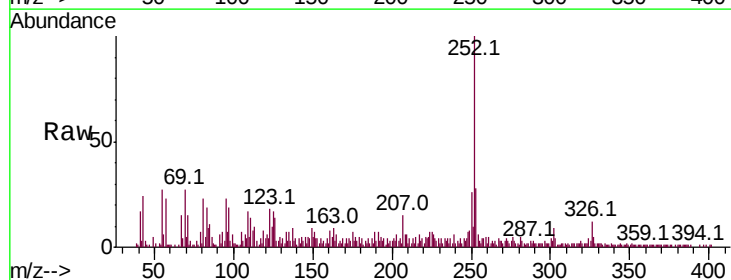
RT: 15.10 min Scan# 2212

Delta R.T. -0.04 min

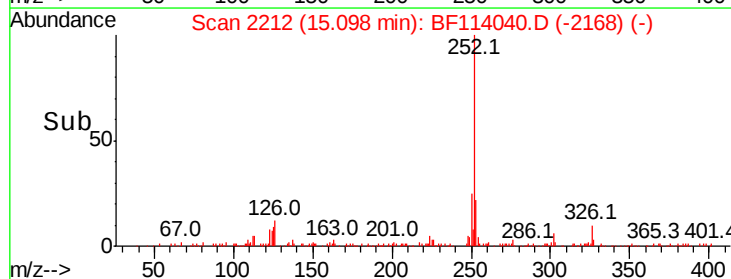
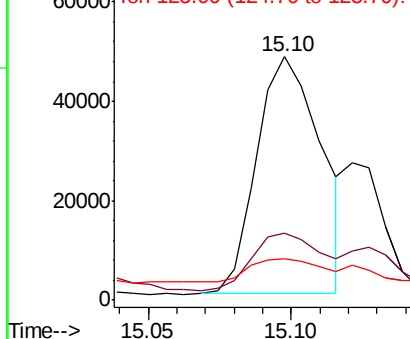
Lab File: BF114040.D

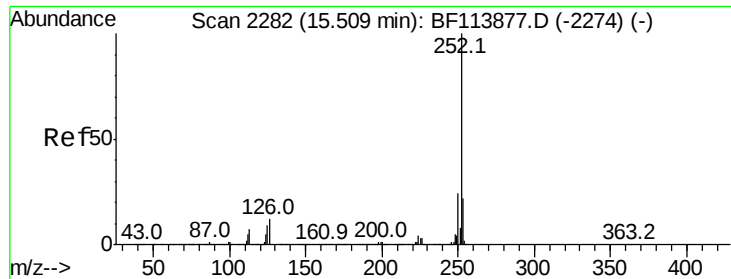
Acq: 30 Apr 2019 14:25

Tgt Ion:	252	Resp:	74684
Ion Ratio	Lower	Upper	
252	100		
253	27.6	17.8	26.6#
125	17.1	7.0	10.6#



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: 2.616 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.04 min
 Lab File: BF114040.D
 Acq: 30 Apr 2019 14:25

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-042919-H

Tot Ion:	252	Resp:	53799
Ion Ratio	Lower	Upper	
252	100		
253	24.3	17.5	26.3
125	16.1	8.5	12.7#

Manual Integrations
 APPROVED

Sohil
 5/1/2019 11:58:39 AM

