

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050119\
 Data File : BF114066.D
 Acq On : 1 May 2019 13:55
 Operator : JU/SJ
 Sample : K2194-13RE 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

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

Manual Integrations
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 5/2/2019 4:53:43 PM

Quant Time: May 02 03:35:04 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	6.90	152	96266	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	324026	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	202263	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	320007	20.00	ng	0.00
76) Chrysene-d12	14.07	240	246594	20.00	ng	0.00
87) Perylene-d12	15.57	264	151946	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	270850	48.12	ng	0.00
7) Phenol-d6	6.52	99	436438	61.81	ng	0.00
23) Nitrobenzene-d5	7.45	82	207683	39.57	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	101655	41.26	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	421375	32.58	ng	0.00
79) Terphenyl-d14	13.01	244	457684	38.05	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.64	163	60026	4.103	ng	99
71) Phenanthrene	11.44	178	52121	3.241	ng	98
75) Fluoranthene	12.64	202	75683	4.313	ng	96
78) Pyrene	12.87	202	78707	4.564	ng	97
81) Benzo(a)anthracene	14.06	228	36128	2.487	ng	# 85
83) Chrysene	14.10	228	37782	2.670	ng	# 90
88) Benzo(b)fluoranthene	15.14	252	33867m	3.523	ng	
90) Benzo(a)pyrene	15.51	252	18818	2.263	ng	# 42

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

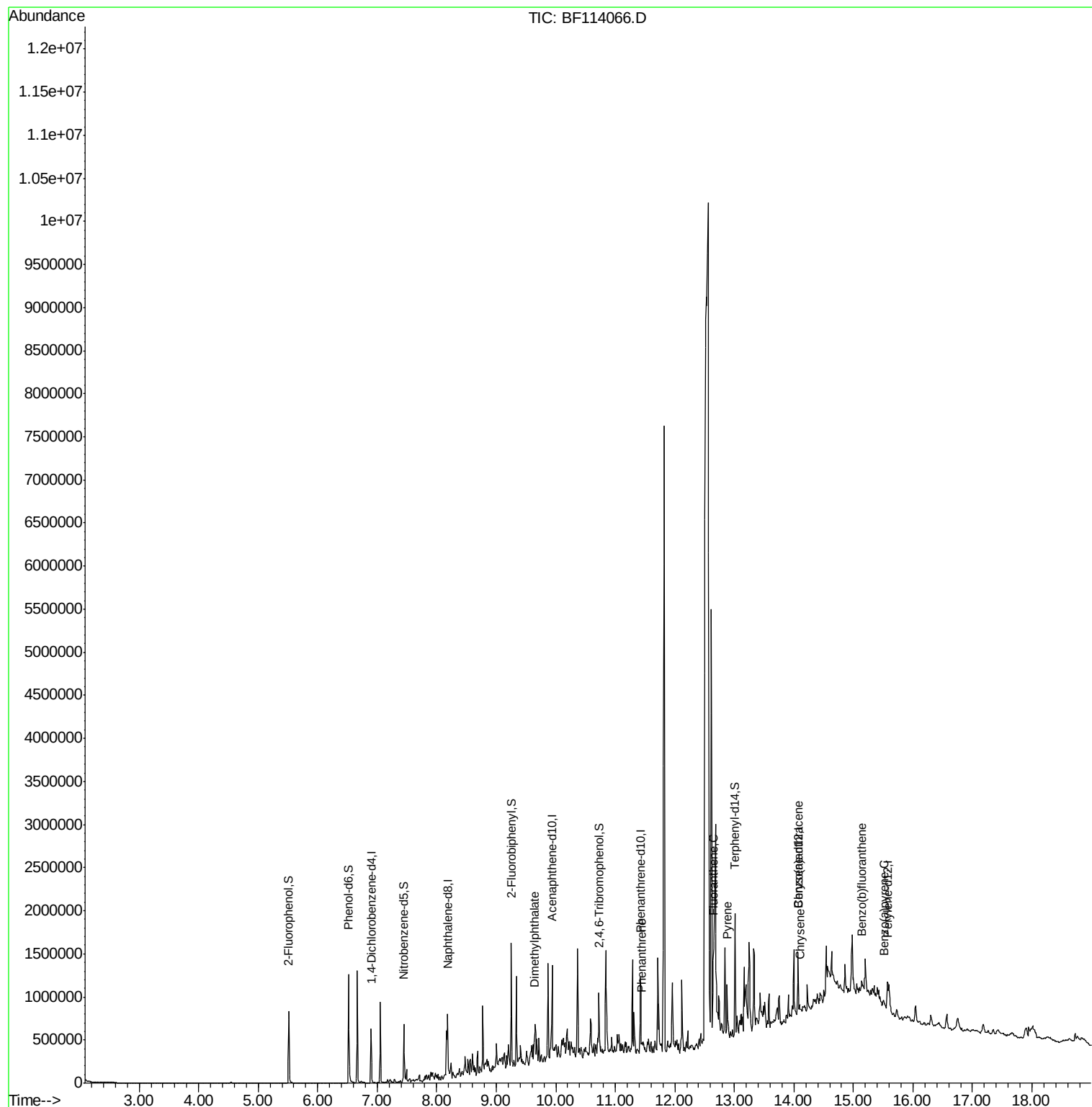
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050119\
Data File : BF114066.D
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Misc :
ALS Vial : 10 Sample Multiplier: 1

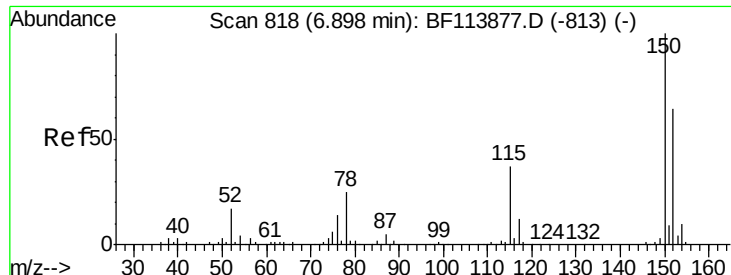
Instrument :
BNA_F
ClientSampleId :
JC-03-042919-GRE

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Quant Time: May 02 03:35:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

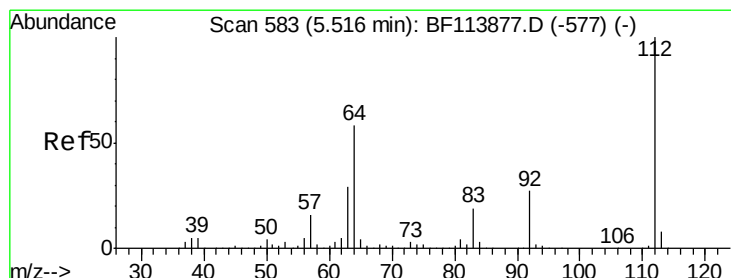
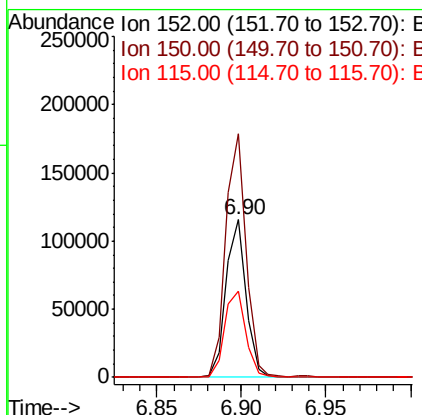
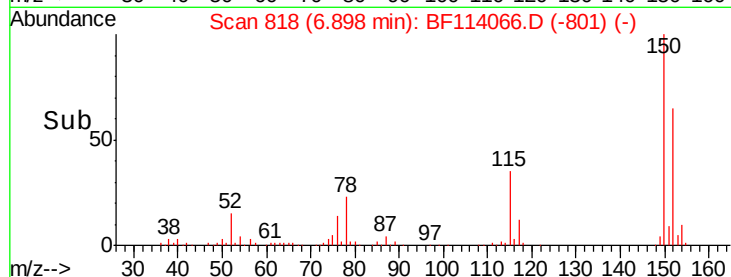
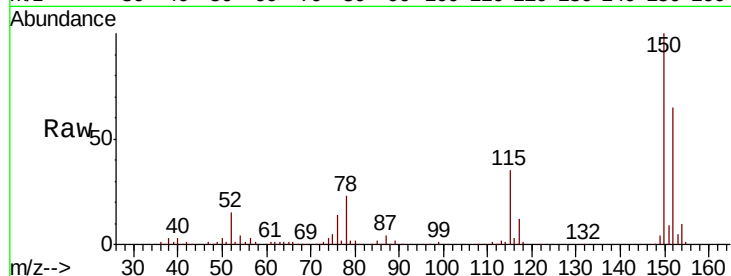
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF114066.D
Acq: 1 May 2019 13:55

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	125.9	188.9
115	54.8	45.9	68.9

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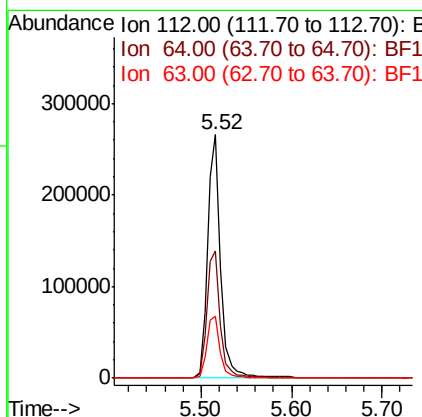
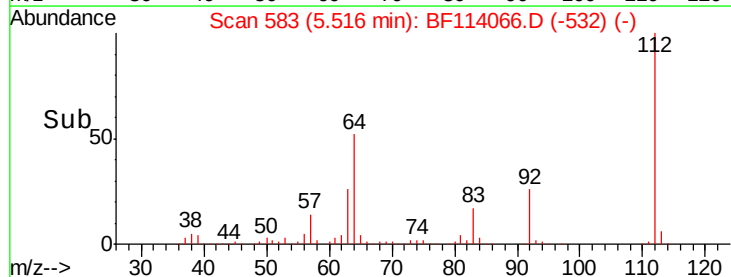
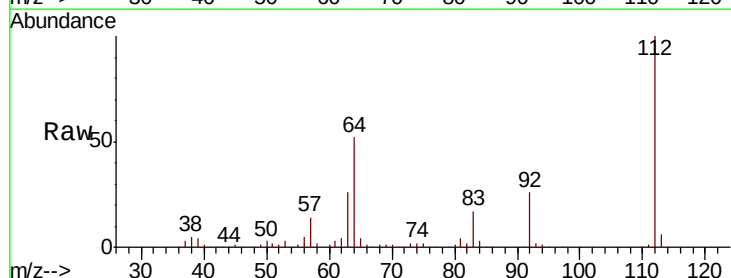
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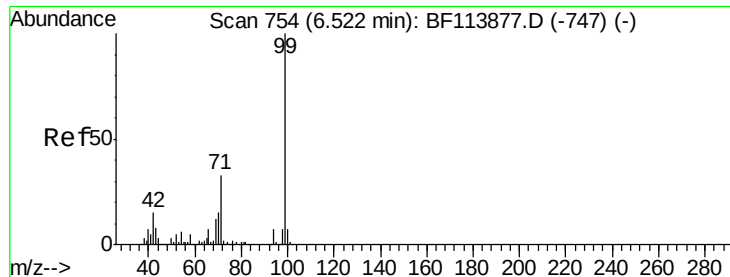


#5

2-Fluorophenol
Concen: 48.122 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF114066.D
Acq: 1 May 2019 13:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.4	46.6	69.8
63	25.6	23.1	34.7





#7

Phenol-d6

Concen: 61.805 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF114066.D

Acq: 1 May 2019 13:55

Instrument :

BNA_F

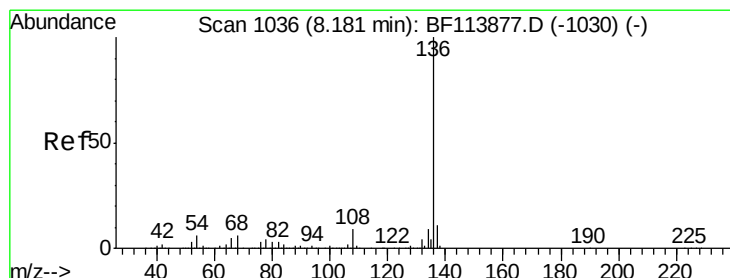
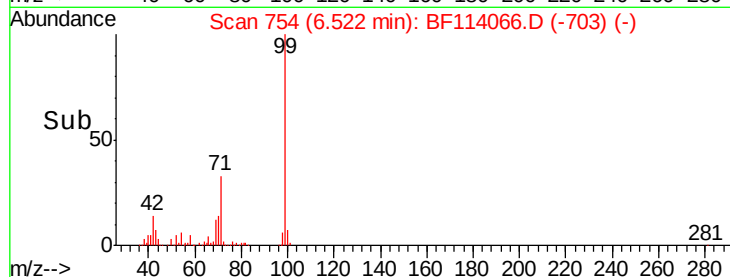
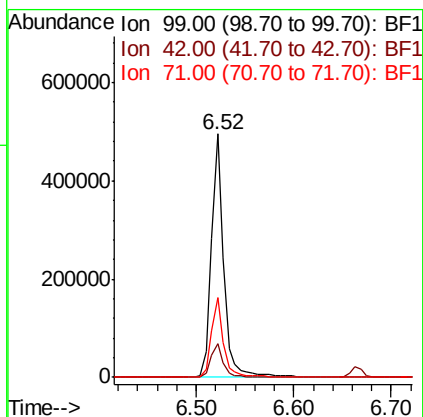
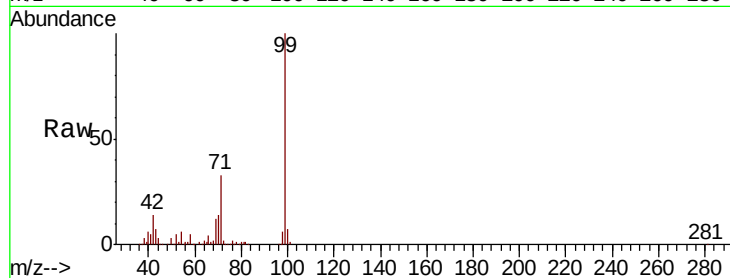
ClientSampleId :

JC-03-042919-GRE

Tot Ion:	99	Resp:	436438
Ion	Ratio	Lower	Upper
99	100		
42	13.9	12.5	18.7
71	32.7	26.9	40.3

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#21

Naphthalene-d8

Concen: 20.000 ng

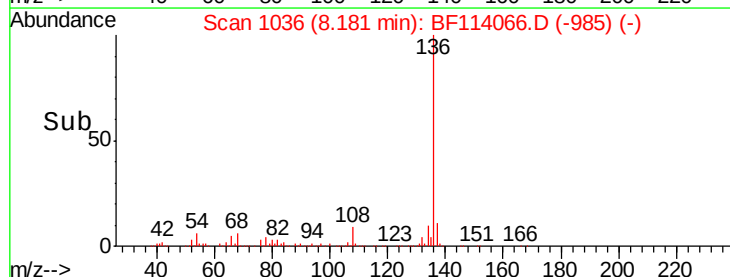
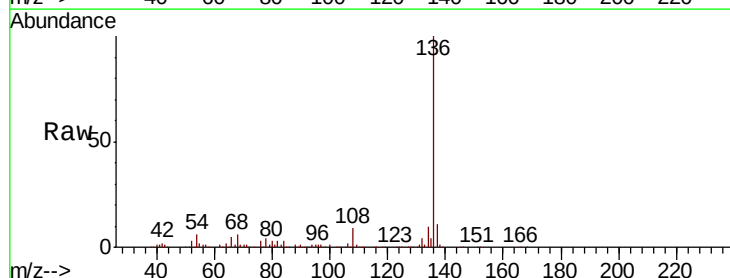
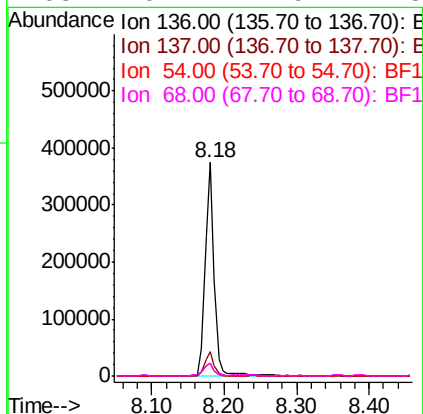
RT: 8.18 min Scan# 1036

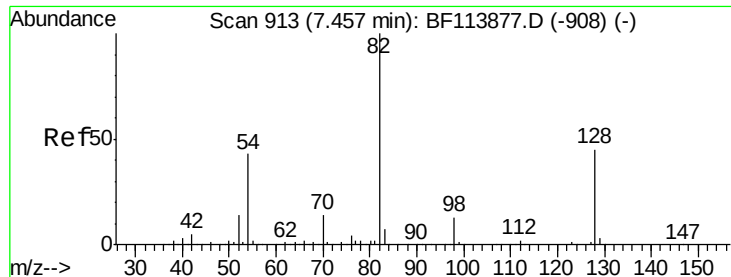
Delta R.T. 0.00 min

Lab File: BF114066.D

Acq: 1 May 2019 13:55

Tgt Ion:	136	Resp:	324026
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	12.8
54	6.1	5.0	7.6
68	6.2	4.9	7.3





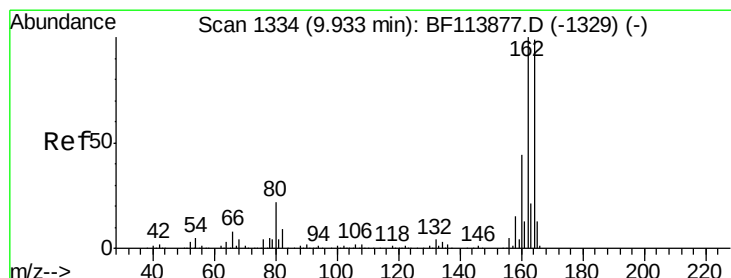
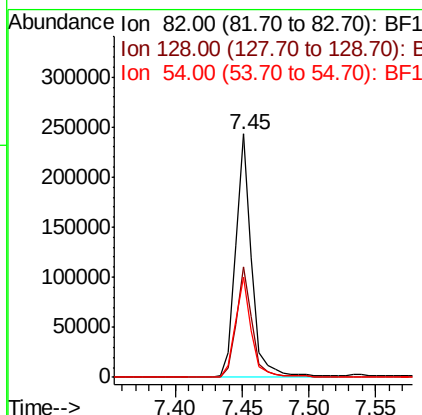
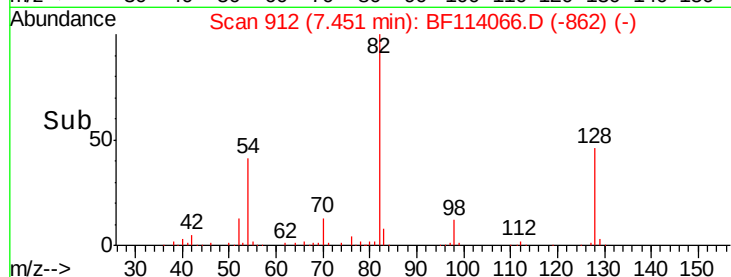
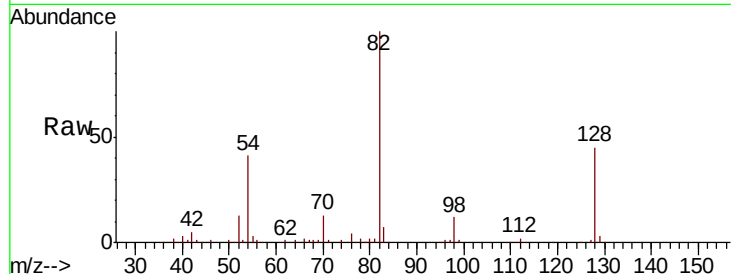
#23
Nitrobenzene-d5
Concen: 39.574 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF114066.D
Acq: 1 May 2019 13:55

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

Tot Ion	82	Resp	207683
Ion Ratio	100	Lower	Upper
82	100		
128	45.4	36.8	55.2
54	41.2	33.8	50.6

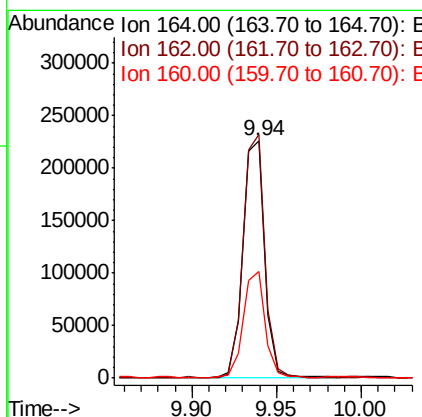
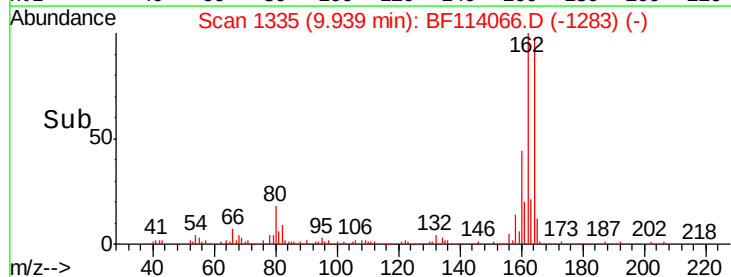
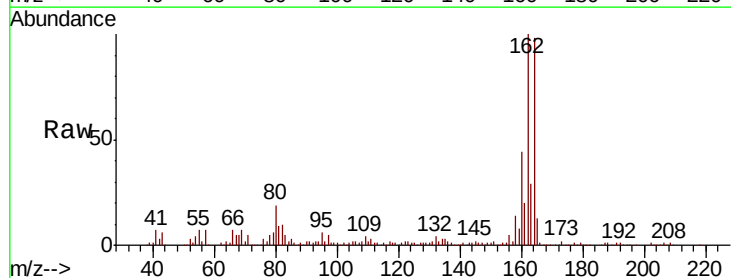
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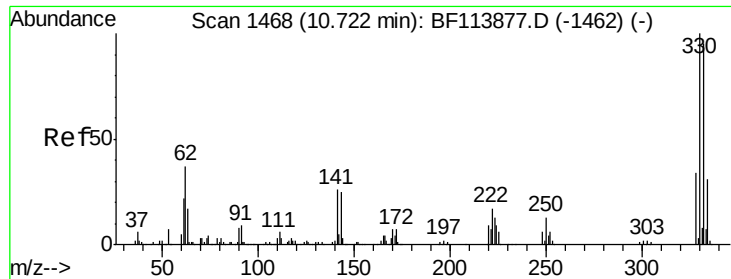
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF114066.D
Acq: 1 May 2019 13:55

Tgt Ion	164	Resp	202263
Ion Ratio	100	Lower	Upper
164	100		
162	102.4	81.1	121.7
160	44.7	35.8	53.6





#42

2,4,6-Tribromophenol

Concen: 41.256 ng

RT: 10.73 min Scan# 1469

Delta R.T. 0.01 min

Lab File: BF114066.D

Acq: 1 May 2019 13:55

Instrument :

BNA_F

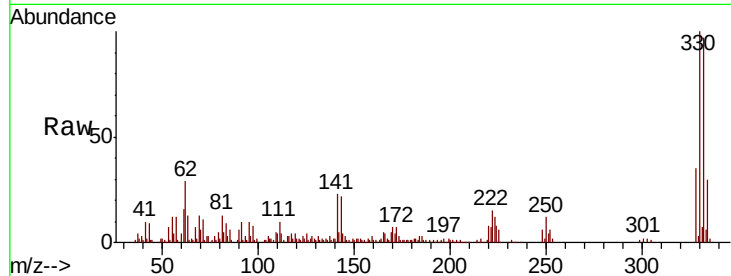
ClientSampleId :

JC-03-042919-GRE

Tot Ion:	330	Resp:	101655
Ion Ratio	Lower	Upper	
330	100		
332	97.2	77.5	116.3
141	28.1	22.2	33.2

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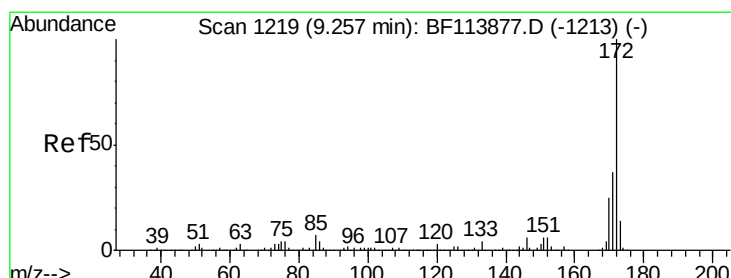
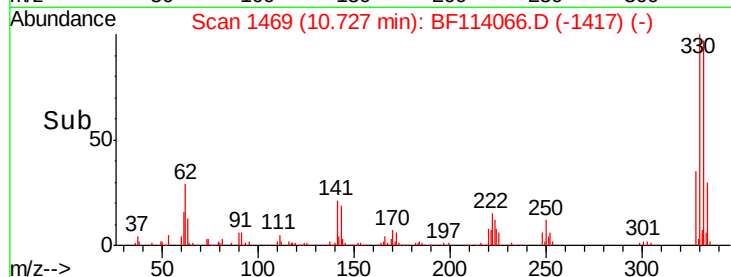
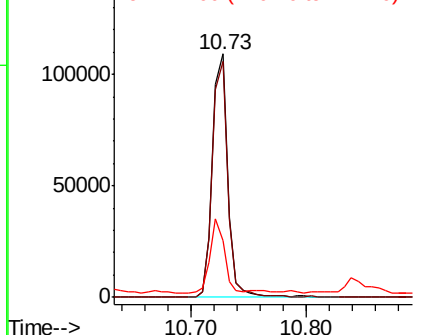


Abundance

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: 32.583 ng

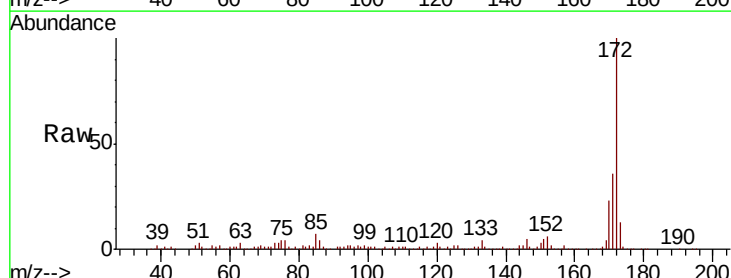
RT: 9.25 min Scan# 1218

Delta R.T. -0.00 min

Lab File: BF114066.D

Acq: 1 May 2019 13:55

Tgt Ion:	172	Resp:	421375
Ion Ratio	Lower	Upper	
172	100		
171	35.8	29.4	44.0
170	23.4	19.9	29.9

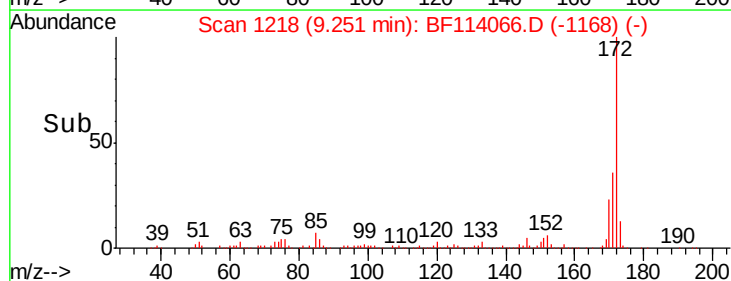
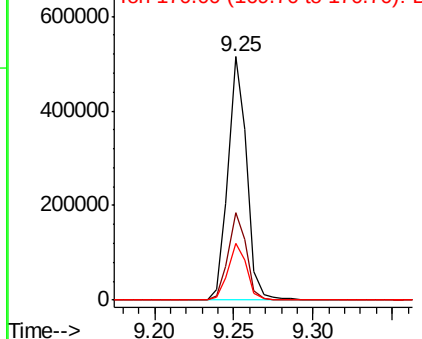


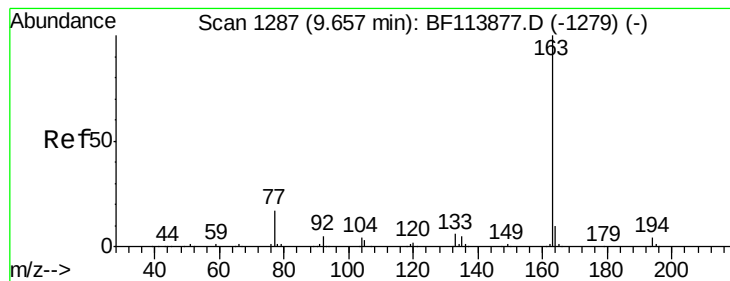
Abundance

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: 4.103 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BF114066.D

Acq: 1 May 2019 13:55

Instrument :

BNA_F

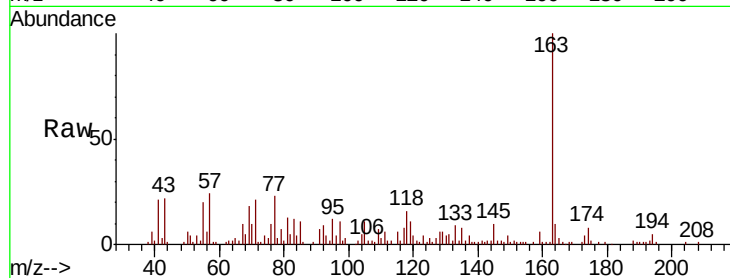
ClientSampleId :

JC-03-042919-GRE

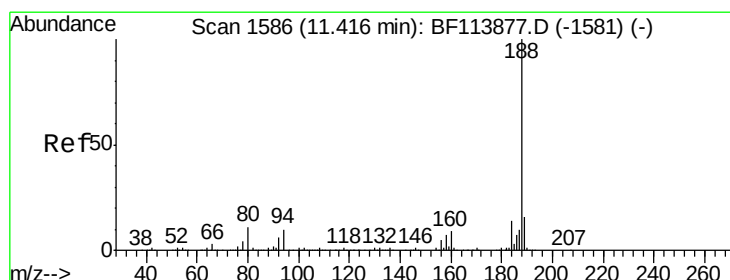
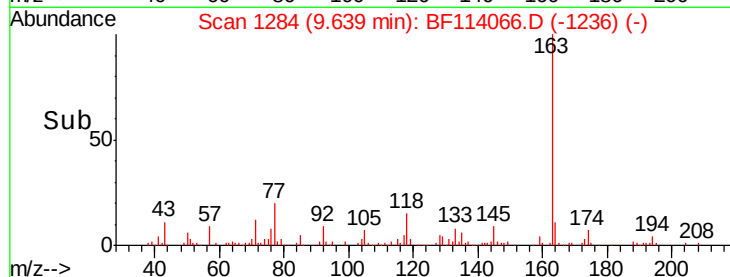
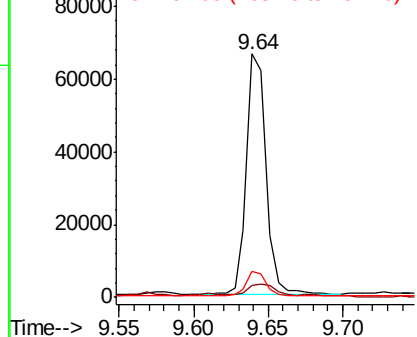
Tot Ion:	163	Resp:	60026
Ion Ratio	Lower	Upper	
163	100		
194	4.9	3.4	5.2
164	10.5	8.5	12.7

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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

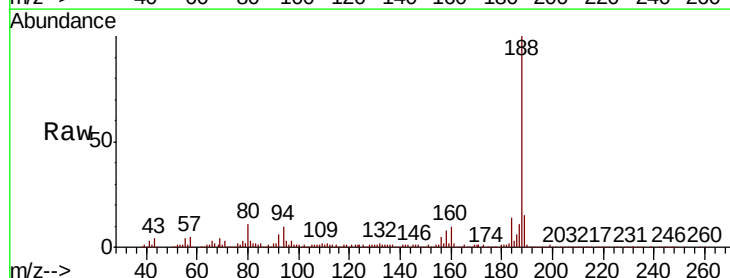
RT: 11.42 min Scan# 1587

Delta R.T. 0.01 min

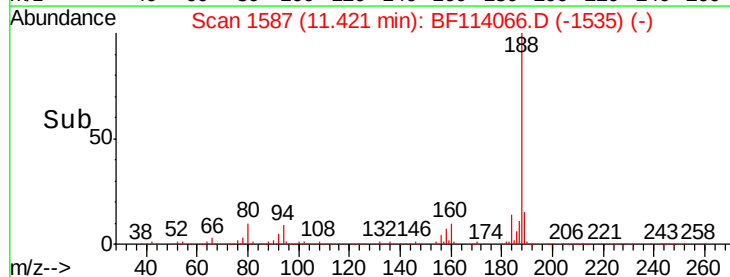
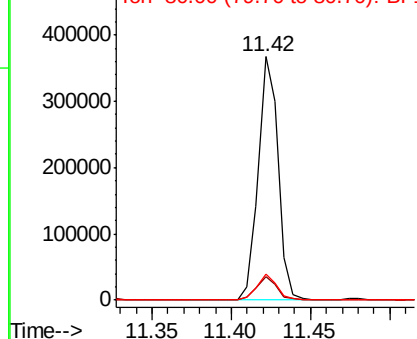
Lab File: BF114066.D

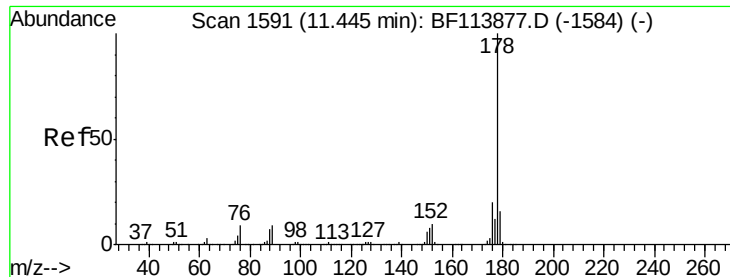
Acq: 1 May 2019 13:55

Tgt Ion:	188	Resp:	320007
Ion Ratio	Lower	Upper	
188	100		
94	9.6	8.2	12.4
80	10.8	9.0	13.6



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





#71

Phenanthrene

Concen: 3.241 ng

RT: 11.44 min Scan# 1591

Delta R.T. -0.00 min

Lab File: BF114066.D

Acq: 1 May 2019 13:55

Instrument :

BNA_F

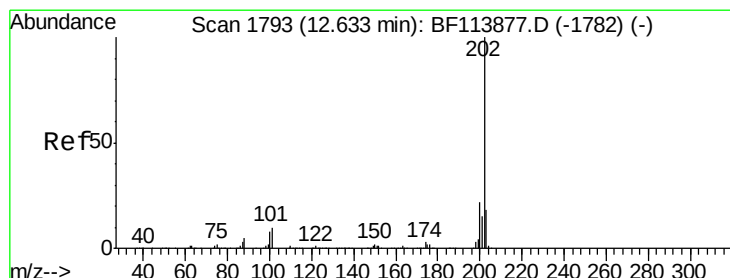
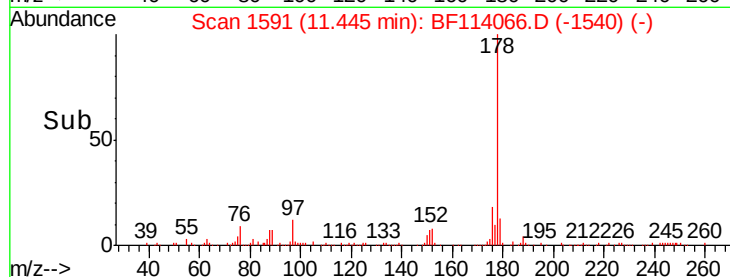
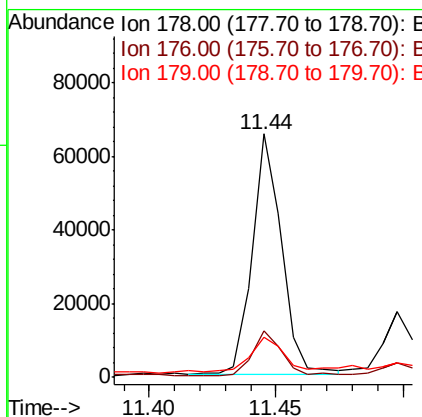
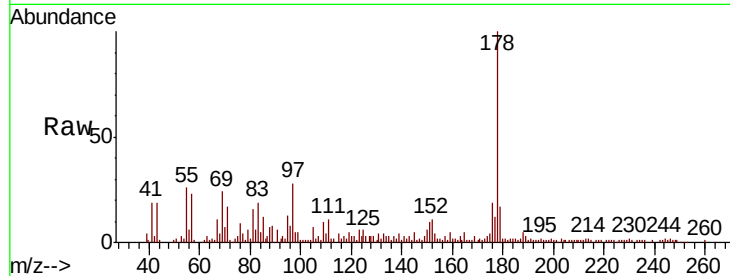
ClientSampleId :

JC-03-042919-GRE

Tot Ion:	178	Resp:	52121
Ion Ratio	Lower	Upper	
178	100		
176	19.0	16.1	24.1
179	16.6	12.8	19.2

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#75

Fluoranthene

Concen: 4.313 ng

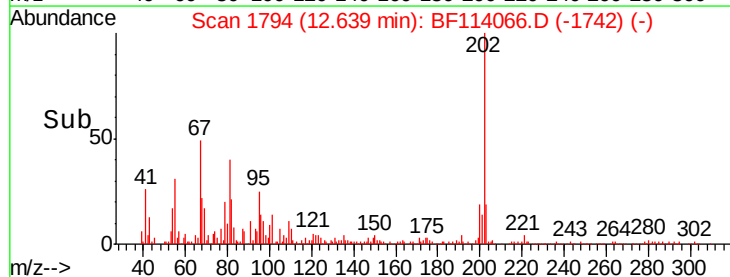
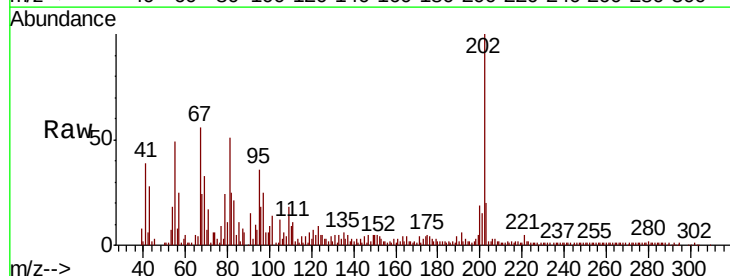
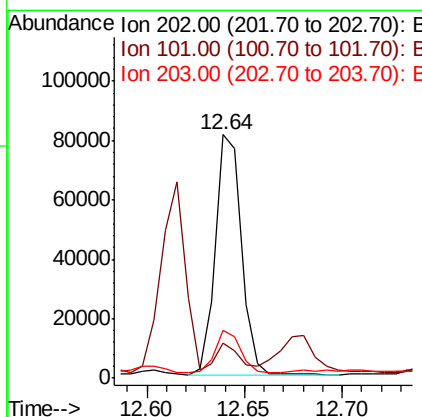
RT: 12.64 min Scan# 1794

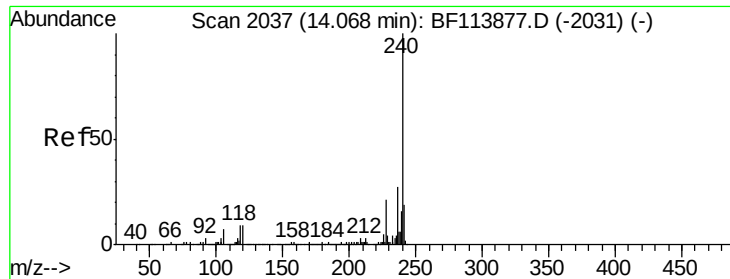
Delta R.T. 0.01 min

Lab File: BF114066.D

Acq: 1 May 2019 13:55

Tgt Ion:	202	Resp:	75683
Ion Ratio	Lower	Upper	
202	100		
101	14.3	0.0	32.9
203	19.8	0.0	38.2





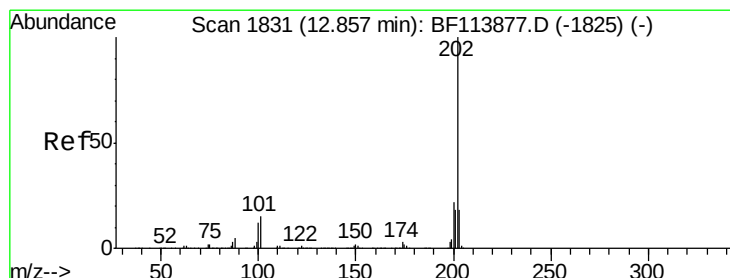
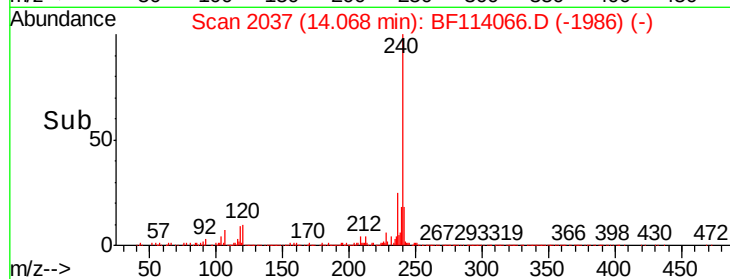
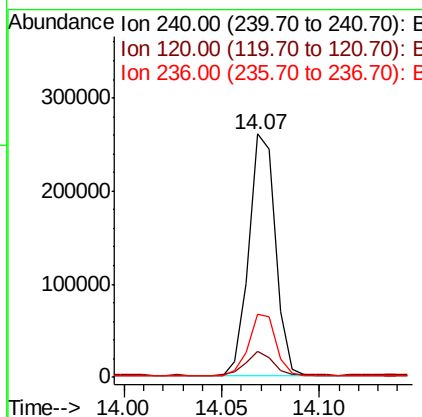
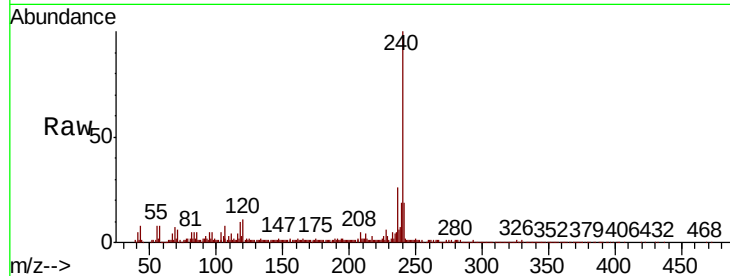
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2037
Delta R.T. 0.00 min
Lab File: BF114066.D
Acq: 1 May 2019 13:55

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

Tot Ion	Ratio	Resp	Lower	Upper
240	100	246594		
120	10.9		9.3	13.9
236	25.7		21.2	31.8

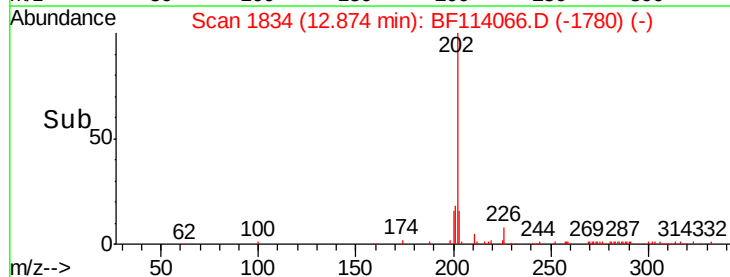
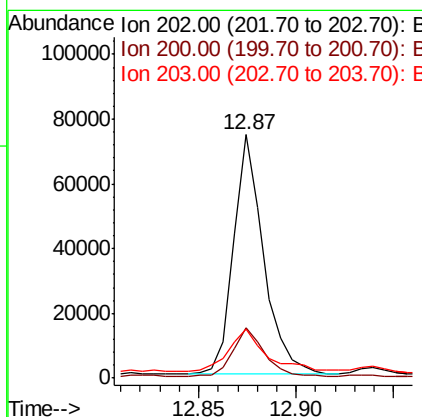
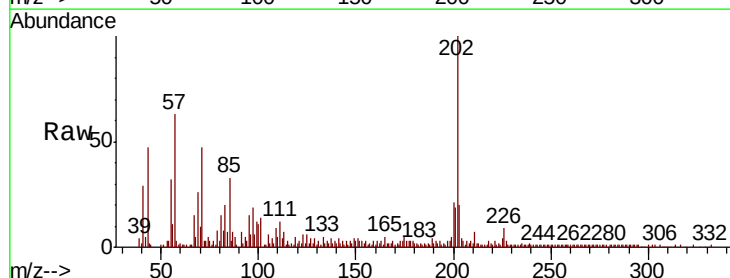
Manual Integrations
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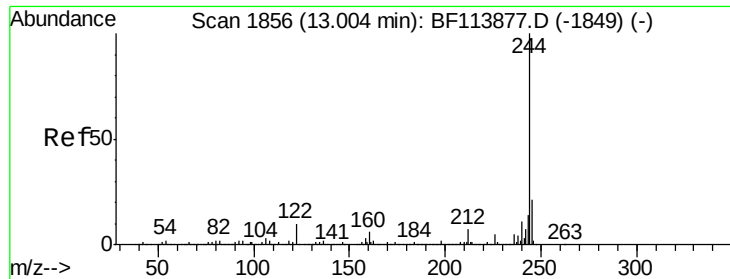
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#78
Pyrene
Concen: 4.564 ng
RT: 12.87 min Scan# 1834
Delta R.T. 0.02 min
Lab File: BF114066.D
Acq: 1 May 2019 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	78707		
200	20.5		17.7	26.5
203	20.3		15.0	22.6





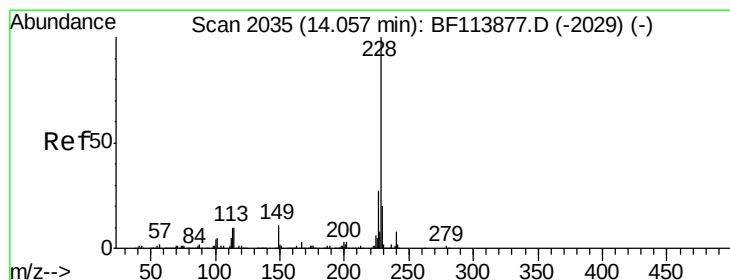
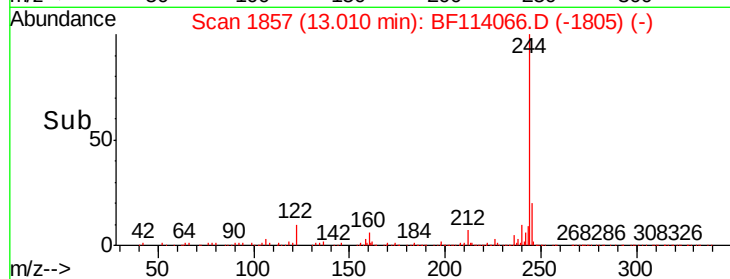
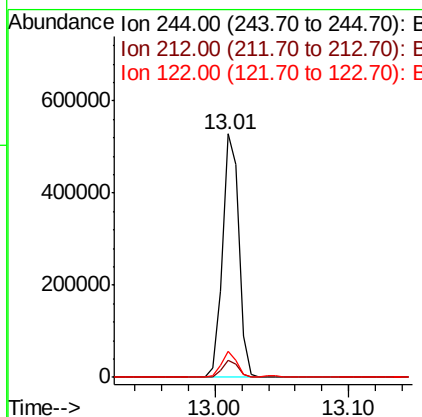
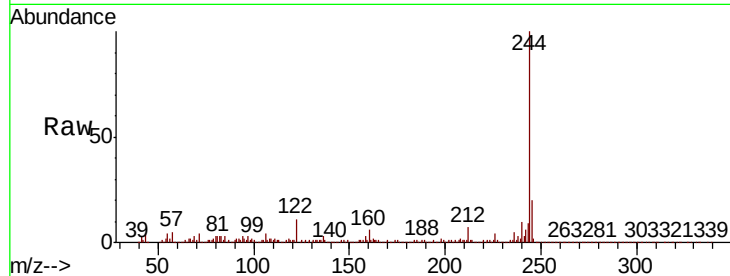
#79
 Terphenyl-d14
 Concen: 38.051 ng
 RT: 13.01 min Scan# 1857
 Delta R.T. 0.01 min
 Lab File: BF114066.D
 Acq: 1 May 2019 13:55

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

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.2
122	10.7	7.6	11.4

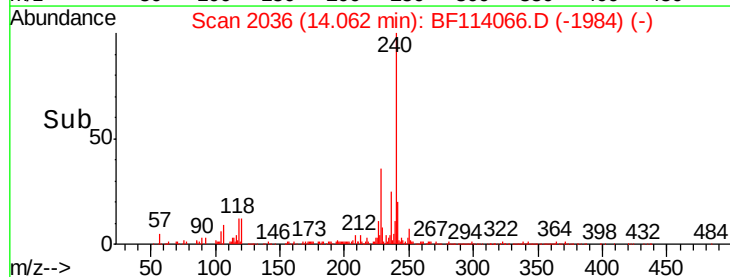
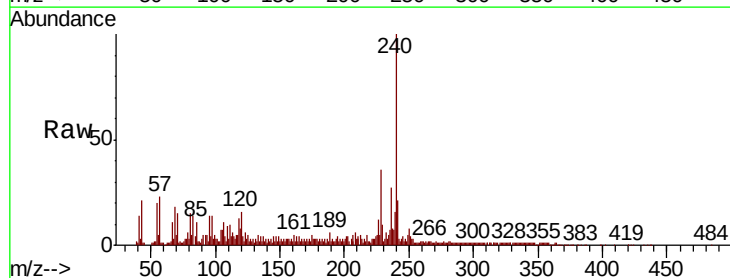
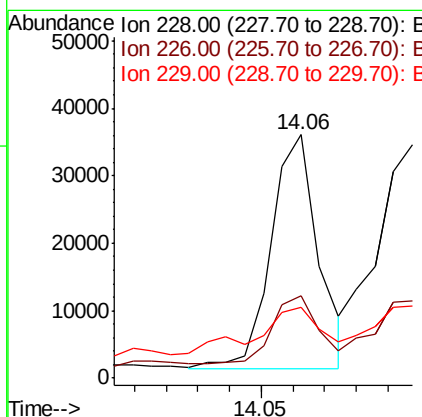
Manual Integrations
 APPROVED

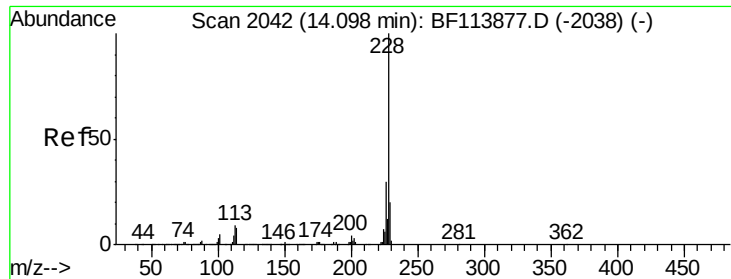
Sohil
 5/2/2019 4:53:43 PM



#81
 Benzo(a)anthracene
 Concen: 2.487 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. 0.01 min
 Lab File: BF114066.D
 Acq: 1 May 2019 13:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.0	22.2	33.2#
229	29.1	16.0	24.0#





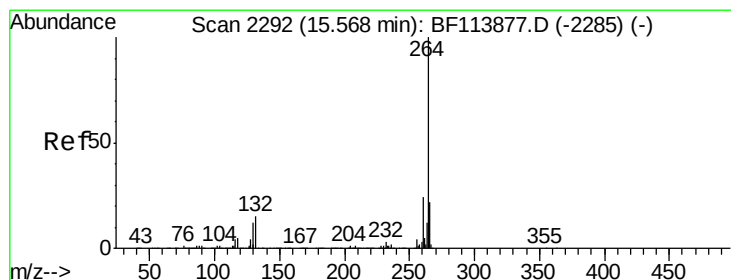
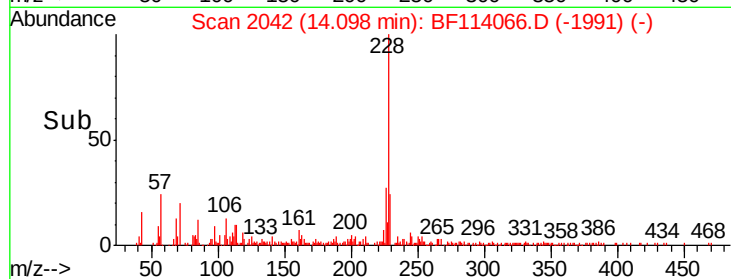
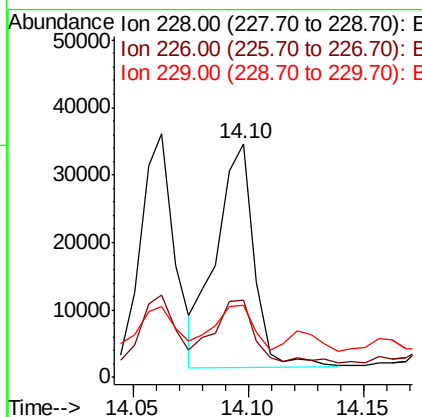
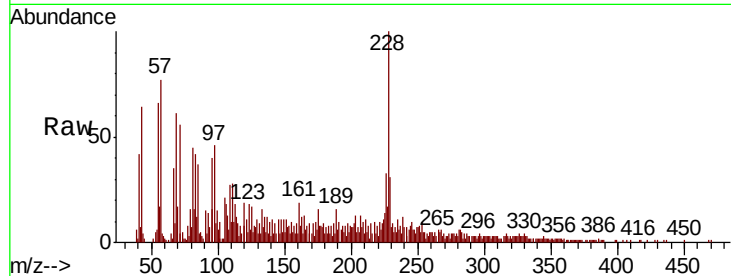
#83
Chrysene
Concen: 2.670 ng
RT: 14.10 min Scan# 2042
Delta R.T. -0.00 min
Lab File: BF114066.D
Acq: 1 May 2019 13:55

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.9	25.2	37.8
229	30.7	16.7	25.1

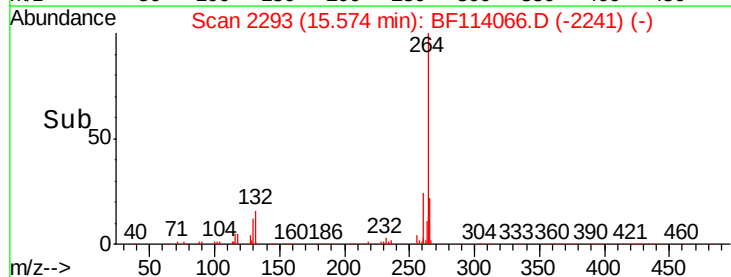
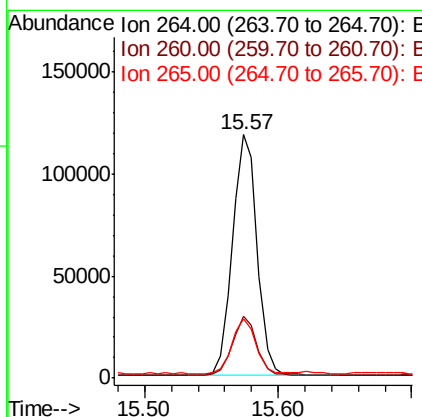
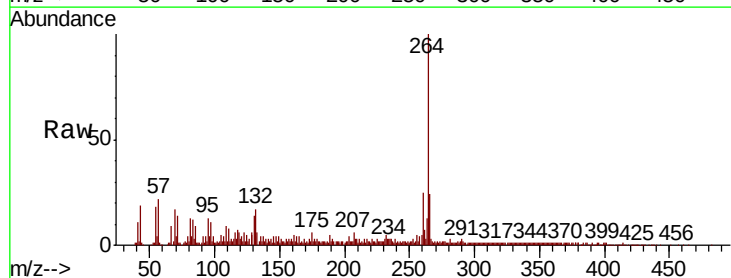
Manual Integrations
APPROVED

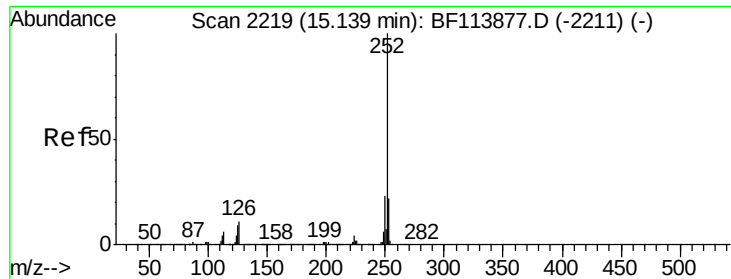
Sohil
5/2/2019 4:53:43 PM



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2293
Delta R.T. 0.01 min
Lab File: BF114066.D
Acq: 1 May 2019 13:55

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.4	18.9	28.3
265	24.1	17.3	25.9





#88

Benzo(b)fluoranthene

Concen: 3.523 ng m

RT: 15.14 min Scan# 2219

Delta R.T. 0.00 min

Lab File: BF114066.D

Acq: 1 May 2019 13:55

Instrument :

BNA_F

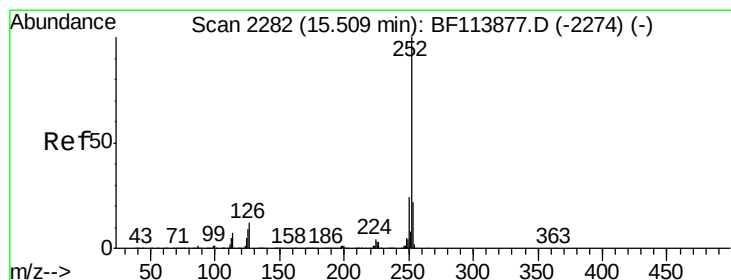
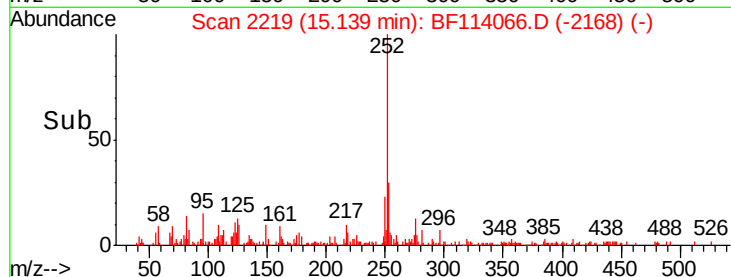
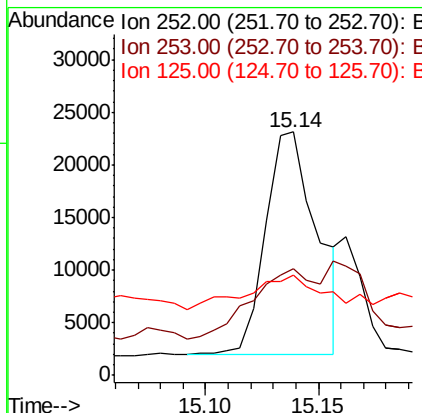
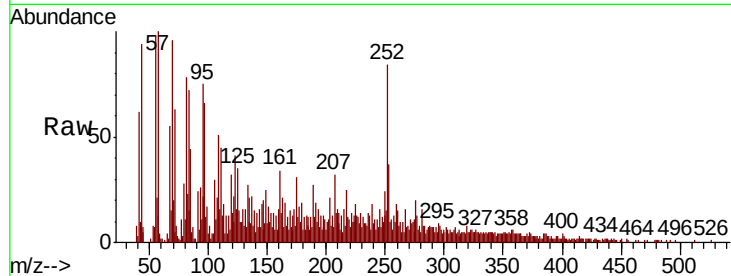
ClientSampleId :

JC-03-042919-GRE

Tot Ion:	252	Resp:	33867
Ion Ratio	Lower	Upper	
252	100		
253	43.6	17.8	26.6#
125	41.4	7.0	10.6#

Manual Integrations
APPROVED

Sohil
5/2/2019 4:53:43 PM



#90

Benzo(a)pyrene

Concen: 2.263 ng

RT: 15.51 min Scan# 2282

Delta R.T. 0.00 min

Lab File: BF114066.D

Acq: 1 May 2019 13:55

Tgt Ion:	252	Resp:	18818
Ion Ratio	Lower	Upper	
252	100		
253	40.9	17.5	26.3#
125	46.0	8.5	12.7#

