

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121018\
 Data File : BF111266.D
 Acq On : 11 Dec 2018 2:16
 Operator : JU/SJ
 Sample : J6197-01 2X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-120718

Manual Integrations
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Sohil
 12/11/2018 2:23:49 PM

Quant Time: Dec 11 06:37:43 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 01:15:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	443541	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1575977	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	601732	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	990642	20.00	ng	0.00
76) Chrysene-d12	13.96	240	692834	20.00	ng	0.00
87) Perylene-d12	15.40	264	535612	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1363803	48.55	ng	0.00
7) Phenol-d6	6.43	99	1684091	48.24	ng	0.00
23) Nitrobenzene-d5	7.36	82	913677	32.52	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	233110	43.73	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1451211	34.00	ng	0.00
79) Terphenyl-d14	12.91	244	1116655	38.66	ng	0.00
Target Compounds						
10) Phenol	6.44	94	81798	2.004	ng	94
50) Dimethylphthalate	9.55	163	93969	2.116	ng	99
71) Phenanthrene	11.35	178	166626	3.335	ng	93
75) Fluoranthene	12.53	202	220139	4.823	ng	99
78) Pyrene	12.76	202	197496	3.989	ng	96
81) Benzo(a)anthracene	13.95	228	81319	2.104	ng	94
83) Chrysene	13.99	228	82239	2.064	ng	96
88) Benzo(b)fluoranthene	14.99	252	83737m	2.827	ng	
90) Benzo(a)pyrene	15.34	252	56944	2.088	ng	# 74

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

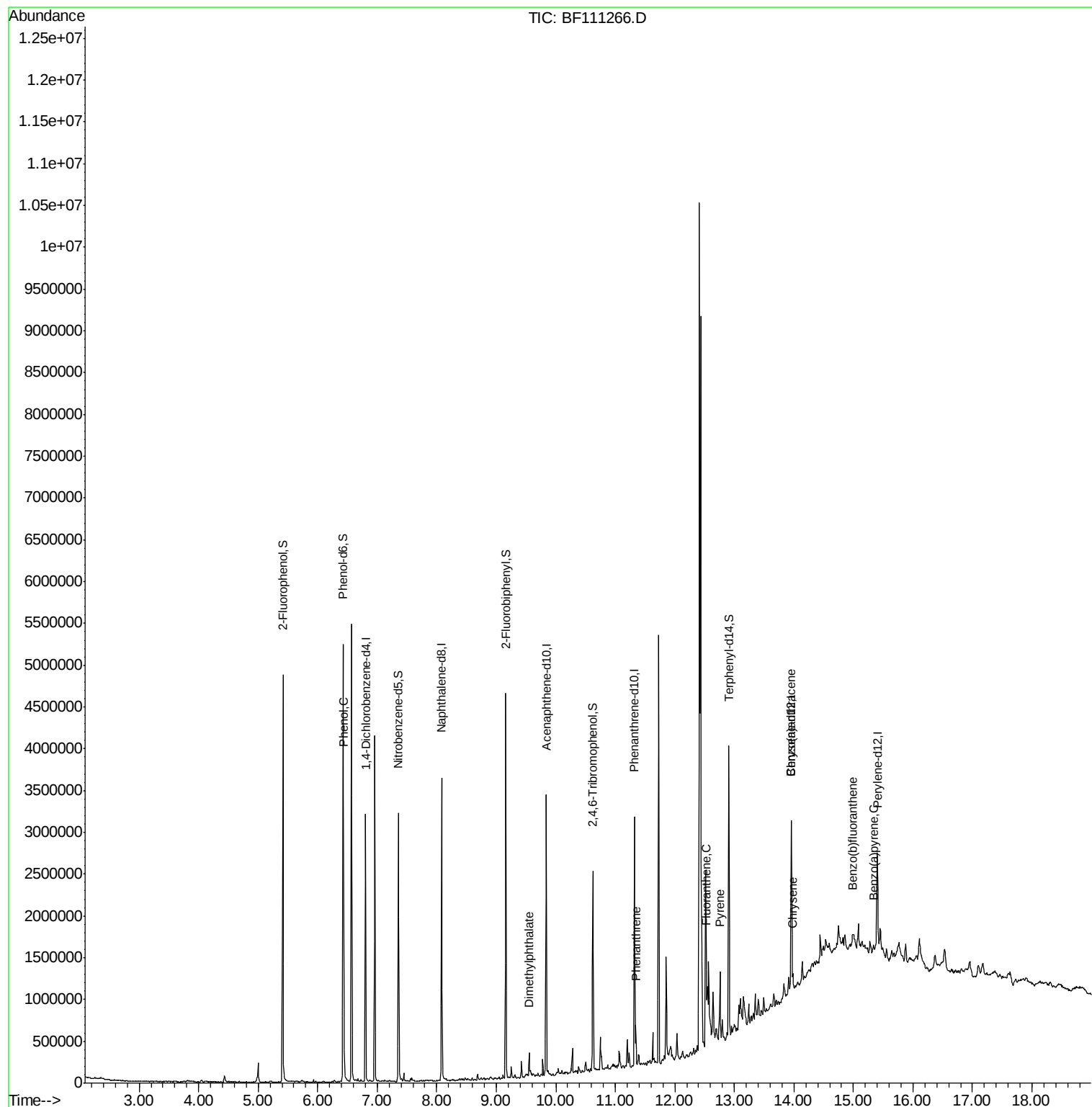
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121018\
Data File : BF111266.D
Acq On : 11 Dec 2018 2:16
Operator : JU/SJ
Sample : J6197-01 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

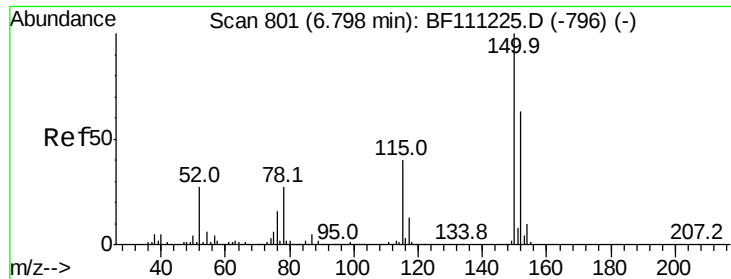
Instrument :
BNA_F
ClientSampleId :
PL-02-120718

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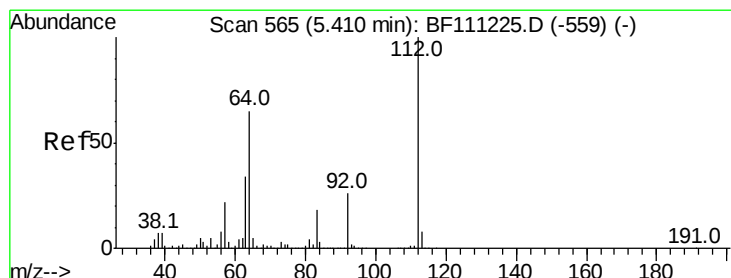
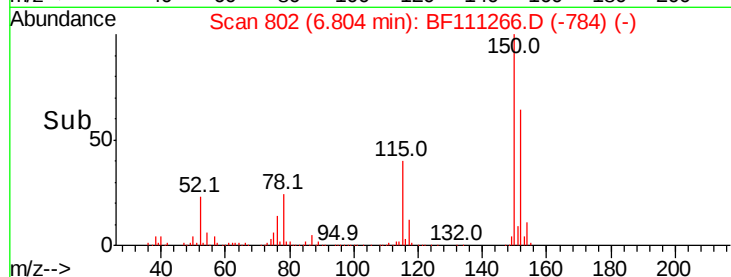
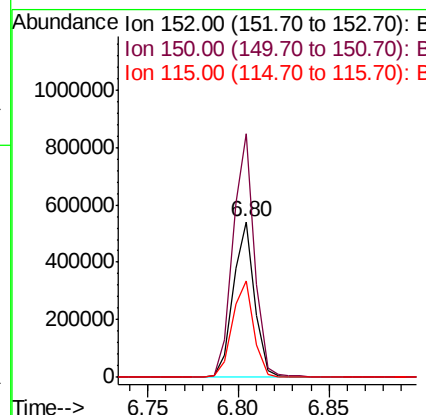
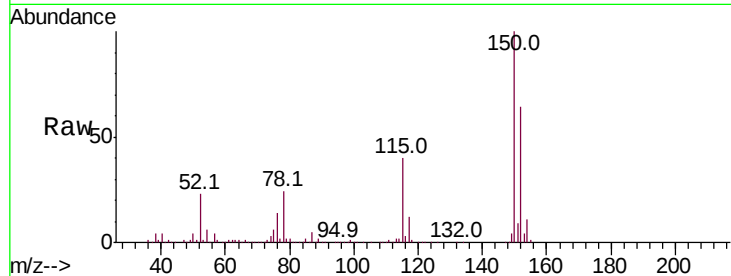
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 802
 Delta R.T. 0.01 min
 Lab File: BF111266.D
 Acq: 11 Dec 2018 2:16

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-120718

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	126.6	189.8
115	62.1	50.7	76.1

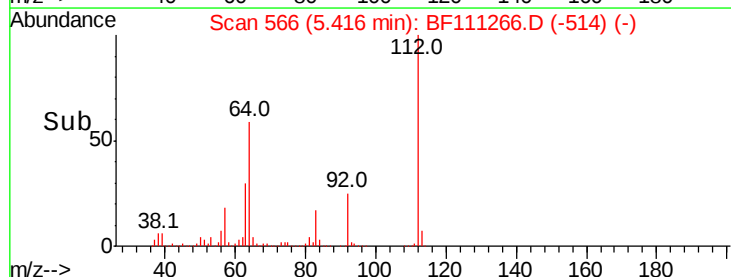
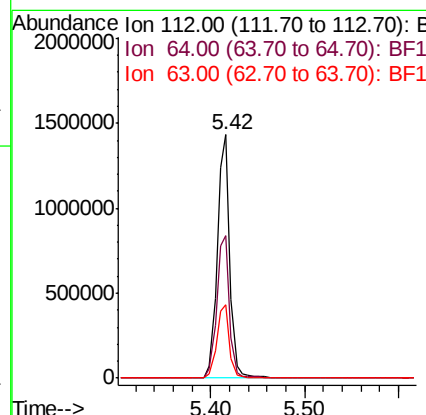
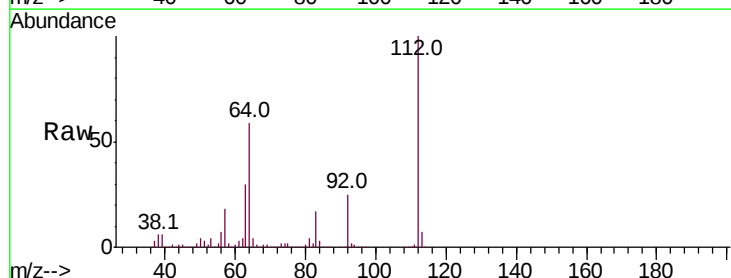
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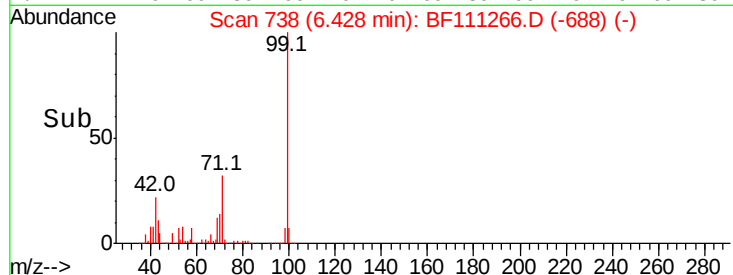
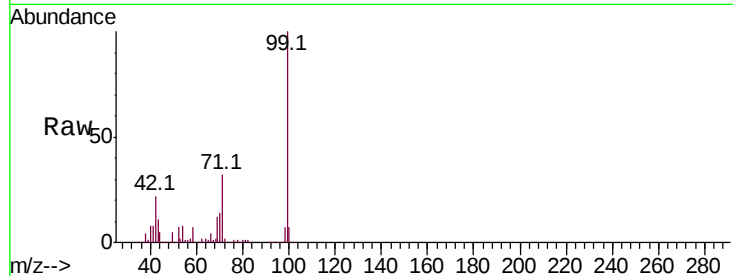
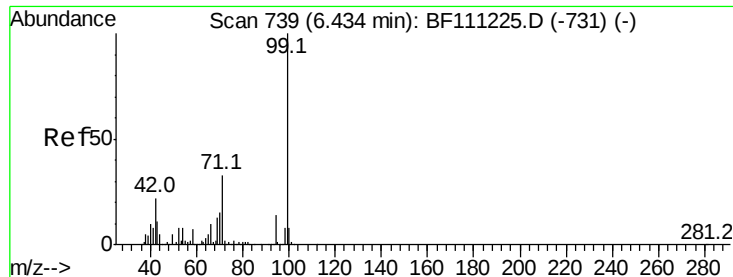
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#5
 2-Fluorophenol
 Concen: 48.553 ng
 RT: 5.42 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: BF111266.D
 Acq: 11 Dec 2018 2:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.8	51.8	77.6
63	30.1	26.8	40.2





#7

Phenol-d6

Concen: 48.245 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF111266.D

Acq: 11 Dec 2018 2:16

Tot Ion:	99	Resp:	1684091
Ion	Ratio	Lower	Upper
99	100		
42	21.8	17.4	26.0
71	31.8	26.1	39.1

Instrument :

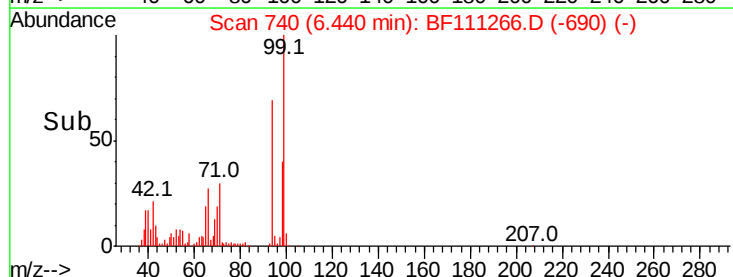
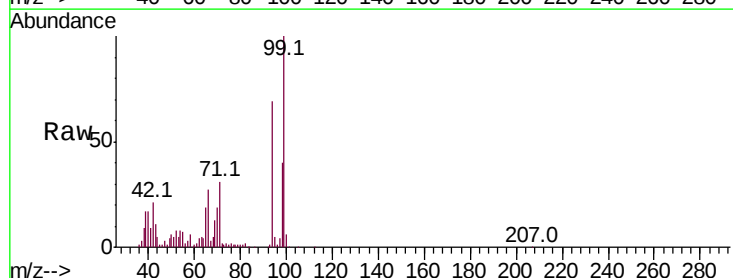
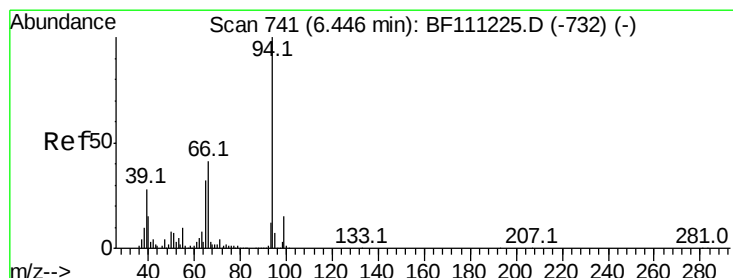
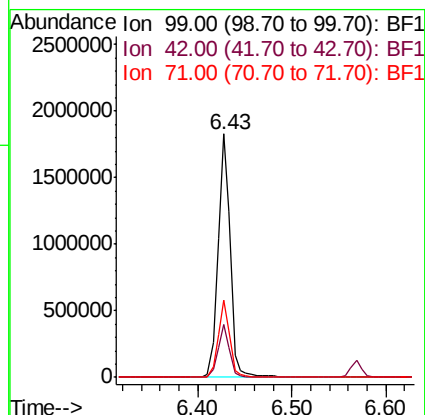
BNA_F

ClientSampleId :

PL-02-120718

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#10

Phenol

Concen: 2.004 ng

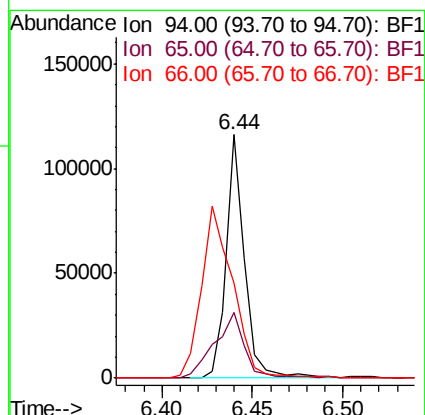
RT: 6.44 min Scan# 740

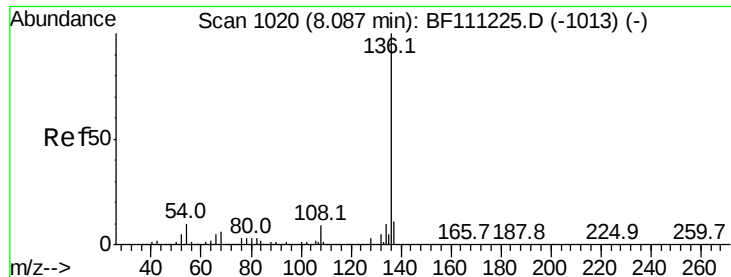
Delta R.T. -0.01 min

Lab File: BF111266.D

Acq: 11 Dec 2018 2:16

Tgt Ion:	94	Resp:	81798
Ion	Ratio	Lower	Upper
94	100		
65	26.9	11.7	51.7
66	38.9	21.0	61.0





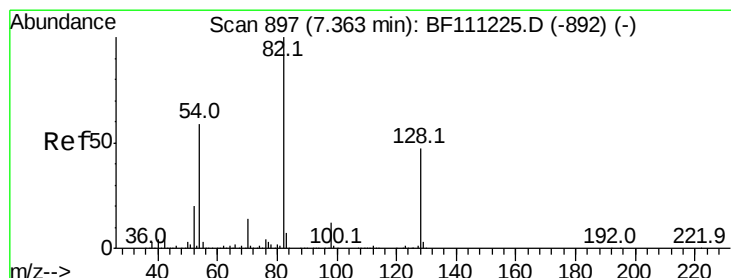
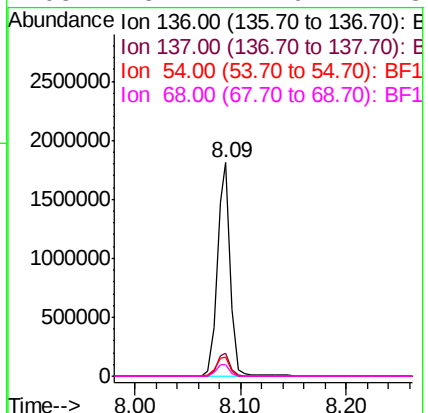
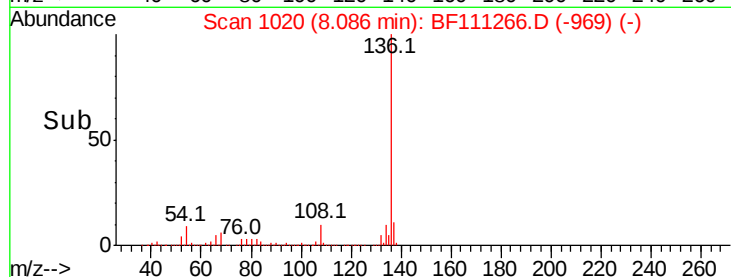
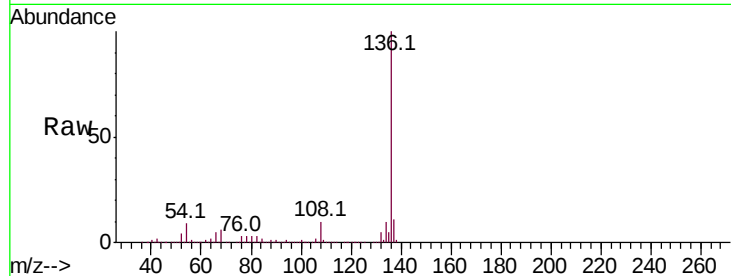
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF111266.D
Acq: 11 Dec 2018 2:16

Instrument :
BNA_F
ClientSampleId :
PL-02-120718

Tot Ion	136	137	54	68
Ratio	100	11.1	8.8	5.7
Lower		9.1	7.7	4.9
Upper		13.7	11.5	7.3

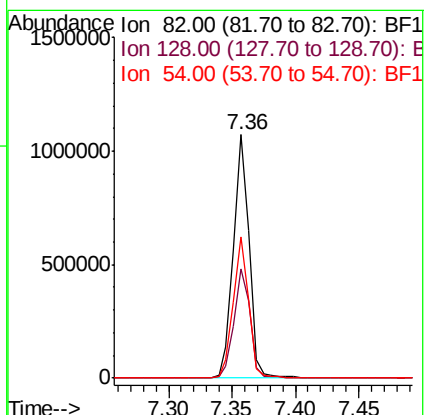
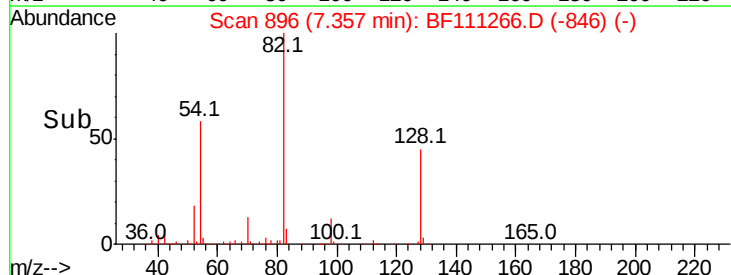
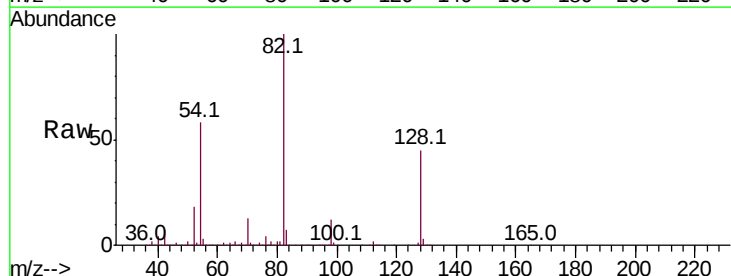
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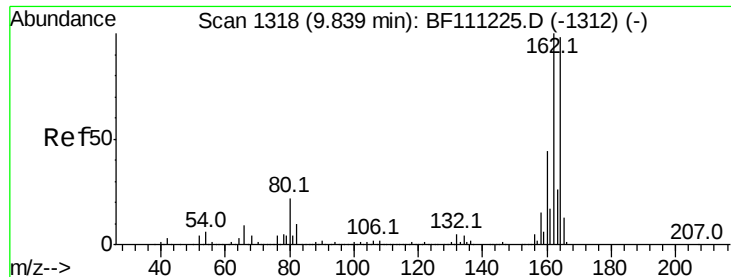
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#23
Nitrobenzene-d5
Concen: 32.518 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF111266.D
Acq: 11 Dec 2018 2:16

Tgt Ion	82	128	54
Ratio	100	44.8	58.0
Lower		37.4	47.6
Upper		56.2	71.4





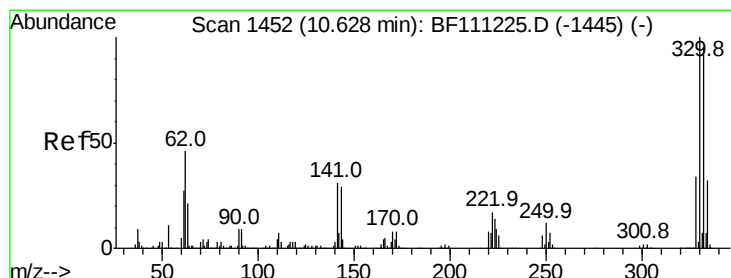
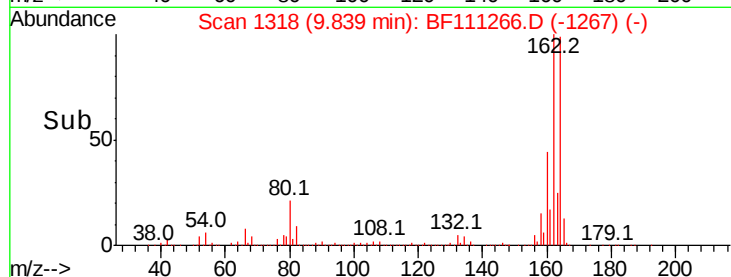
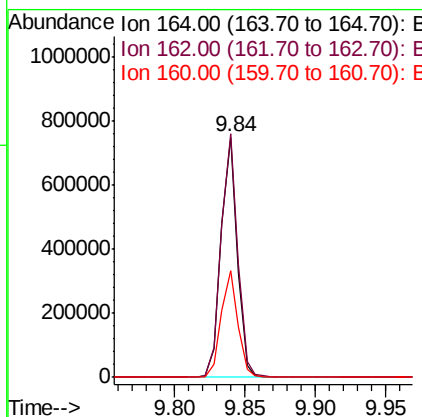
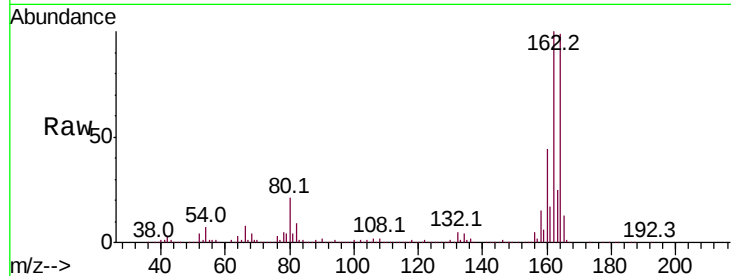
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF111266.D
Acq: 11 Dec 2018 2:16

Instrument :
BNA_F
ClientSampleId :
PL-02-120718

Tot Ion	Ratio	Resp	Lower	Upper
164	100	601732		
162	101.3	81.4	122.0	
160	44.4	35.7	53.5	

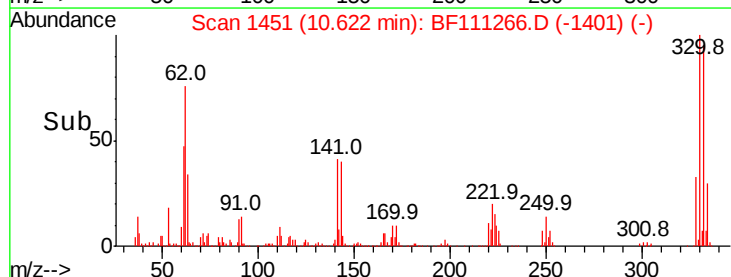
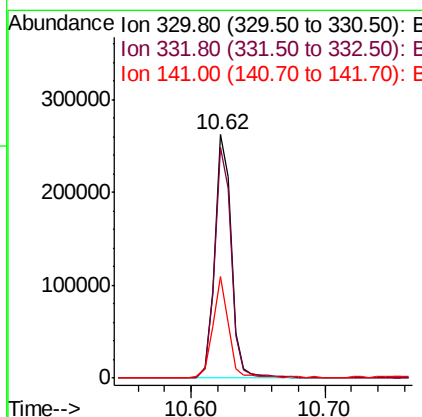
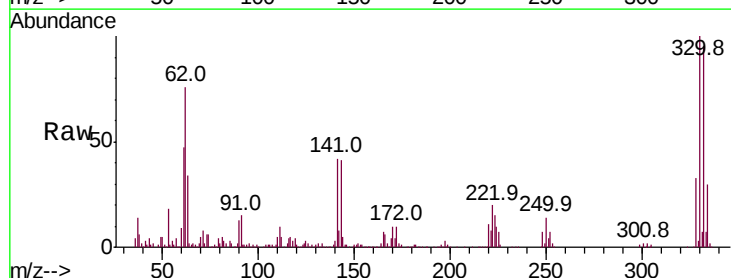
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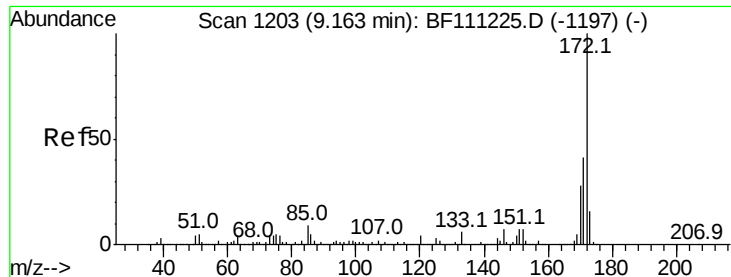
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#42
2,4,6-Tribromophenol
Concen: 43.734 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF111266.D
Acq: 11 Dec 2018 2:16

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	233110		
332	95.0	76.0	114.0	
141	37.6	31.0	46.6	





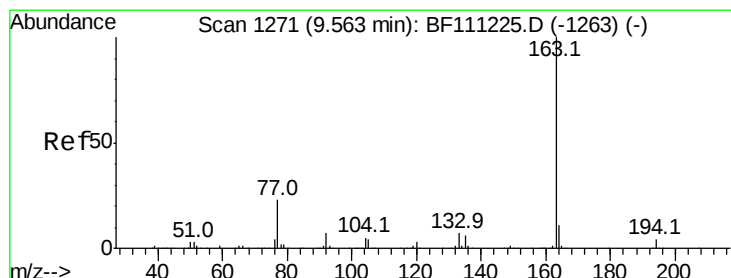
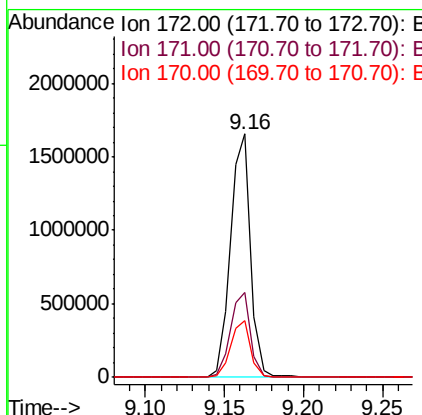
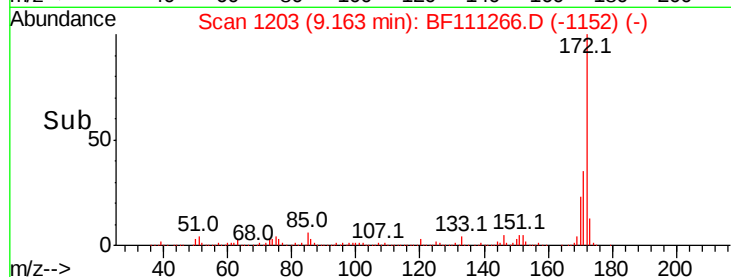
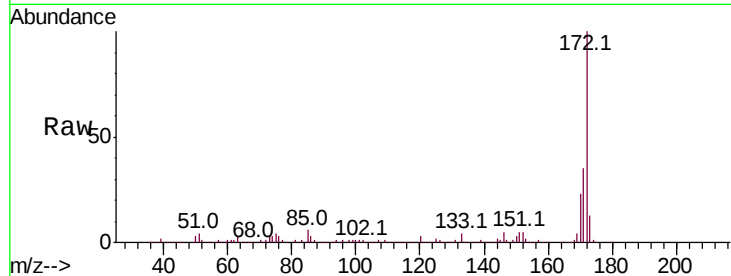
#45
2-Fluorobiphenyl
Concen: 34.000 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF111266.D
Acq: 11 Dec 2018 2:16

Instrument :
BNA_F
ClientSampleId :
PL-02-120718

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	33.0	49.4
170	23.3	22.3	33.5

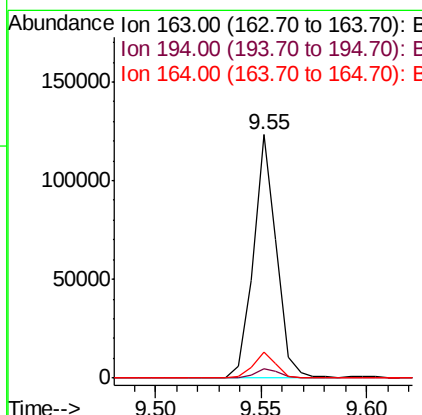
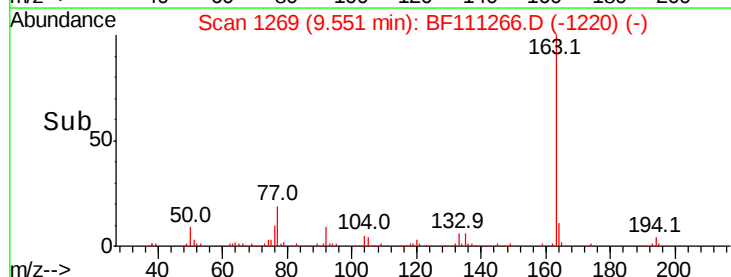
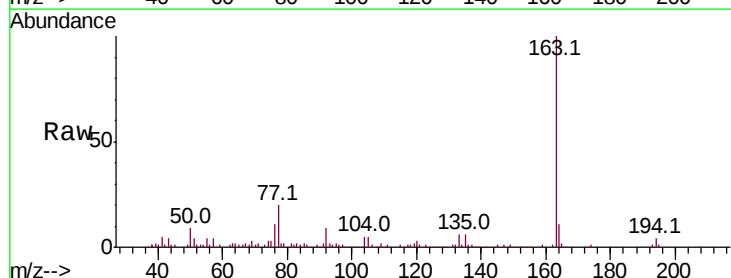
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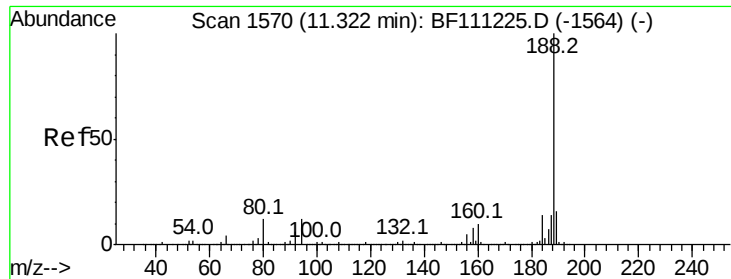
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#50
Dimethylphthalate
Concen: 2.116 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF111266.D
Acq: 11 Dec 2018 2:16

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	10.6	8.9	13.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BF111266.D

Acq: 11 Dec 2018 2:16

Instrument :

BNA_F

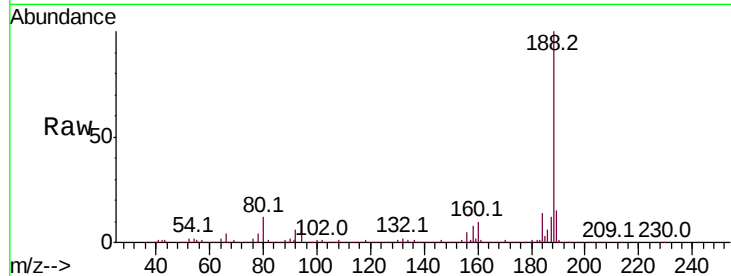
ClientSampleId :

PL-02-120718

Tot Ion:188	Resp: 990642
Ion Ratio	Lower Upper
188 100	
94 11.1	9.6 14.4
80 11.7	9.8 14.6

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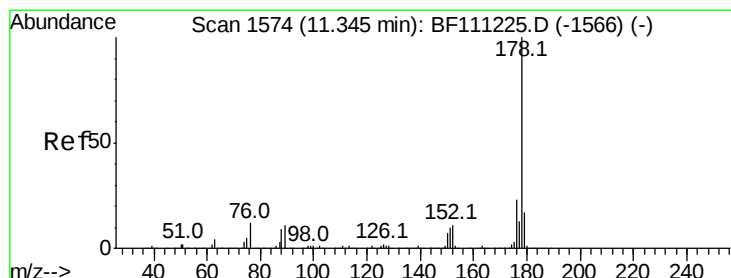
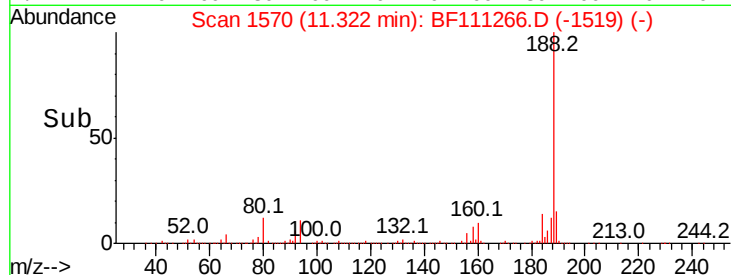
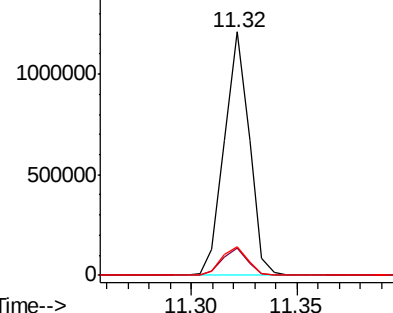
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#71

Phenanthrene

Concen: 3.335 ng

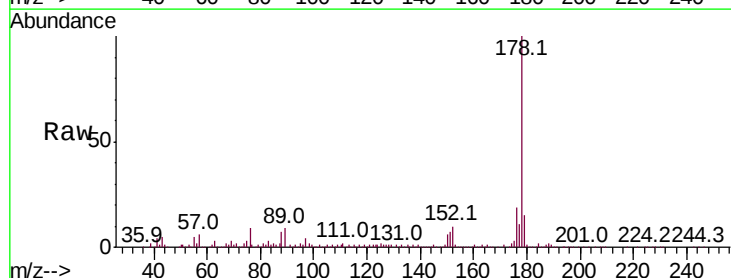
RT: 11.35 min Scan# 1574

Delta R.T. 0.00 min

Lab File: BF111266.D

Acq: 11 Dec 2018 2:16

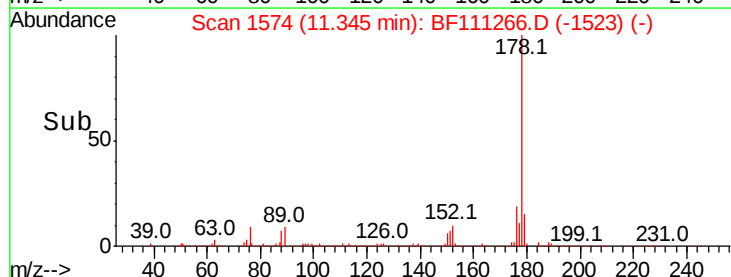
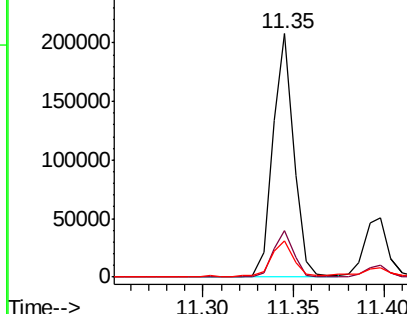
Tgt Ion:178	Resp: 166626
Ion Ratio	Lower Upper
178 100	
176 19.0	18.1 27.1
179 15.0	14.0 21.0

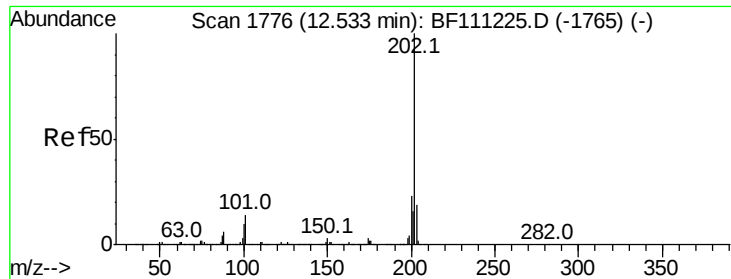


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 4.823 ng

RT: 12.53 min Scan# 1776

Delta R.T. -0.00 min

Lab File: BF111266.D

Acq: 11 Dec 2018 2:16

Instrument :

BNA_F

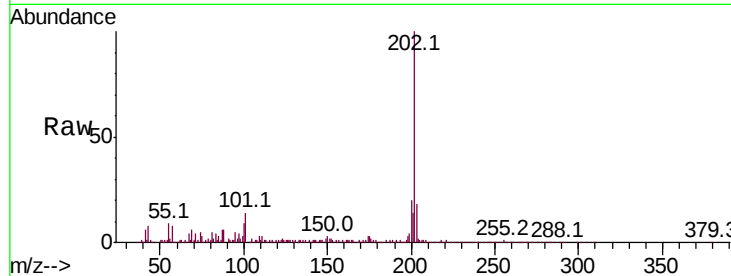
ClientSampleId :

PL-02-120718

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.7	0.0	33.8
203	18.1	0.0	38.6

Manual Integrations
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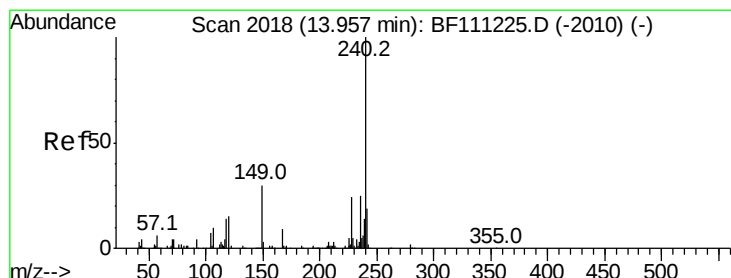
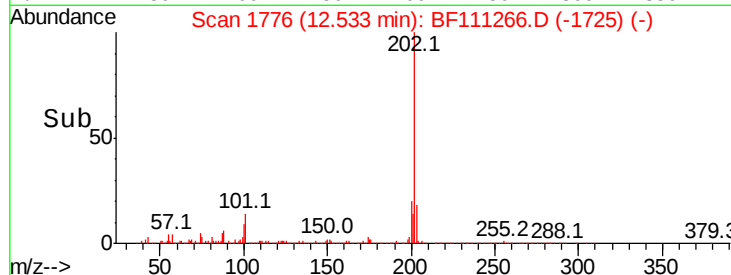
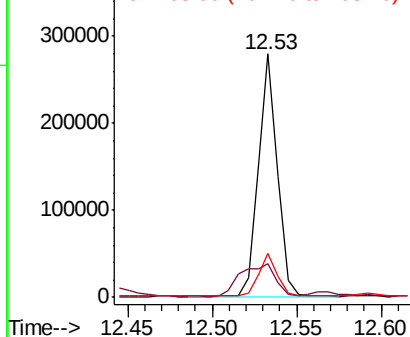


Abundance

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: 13.96 min Scan# 2019

Delta R.T. 0.01 min

Lab File: BF111266.D

Acq: 11 Dec 2018 2:16

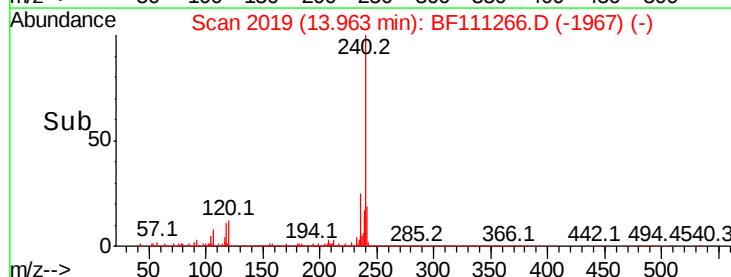
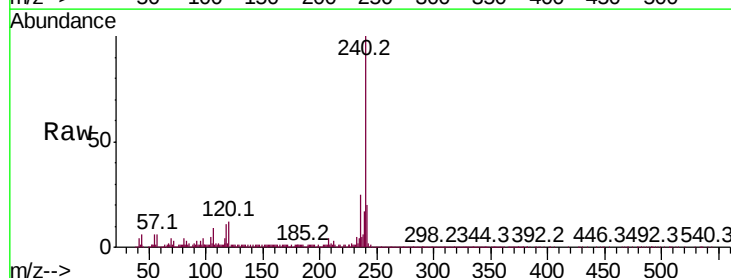
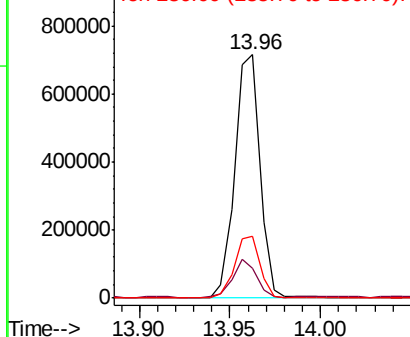
Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	12.4	12.2	18.2
236	25.3	20.2	30.2

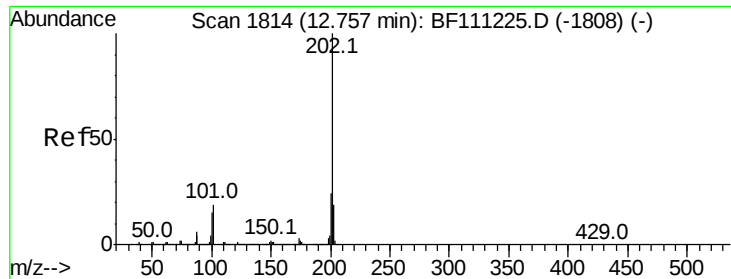
Abundance

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





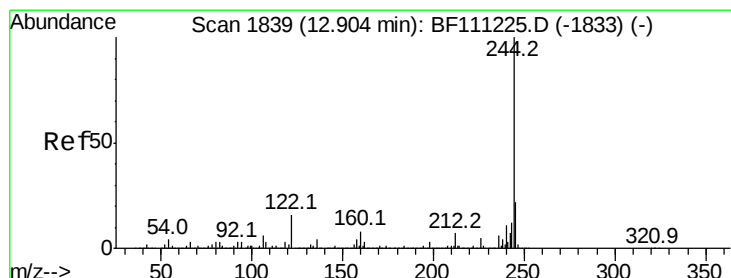
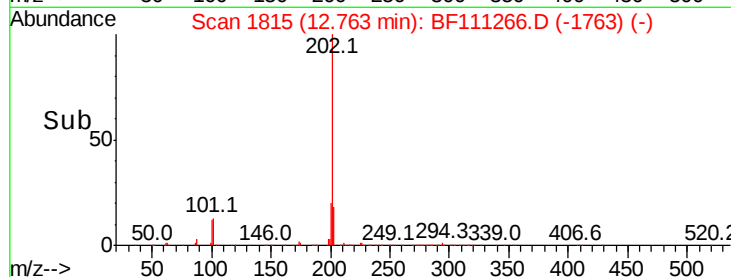
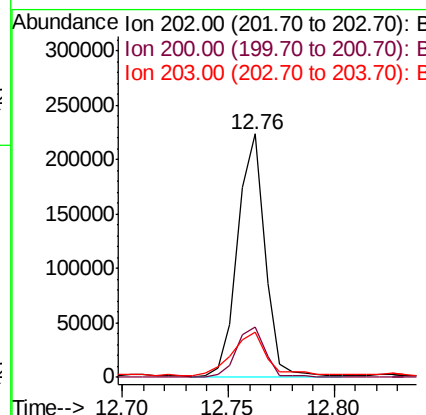
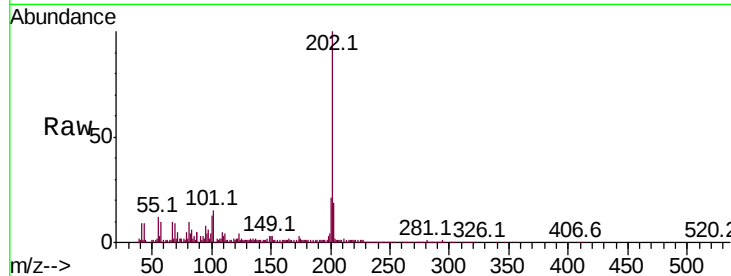
#78
Pvrene
Concen: 3.989 ng
RT: 12.76 min Scan# 1815
Delta R.T. 0.01 min
Lab File: BF111266.D
Acq: 11 Dec 2018 2:16

Instrument :
BNA_F
ClientSampleId :
PL-02-120718

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.7	19.0	28.4
203	18.6	15.2	22.8

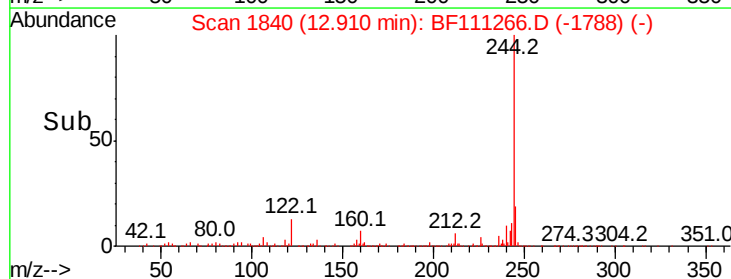
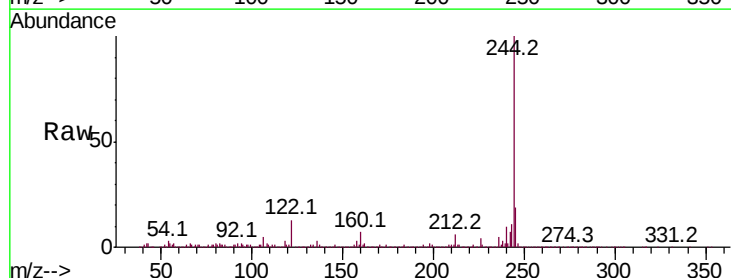
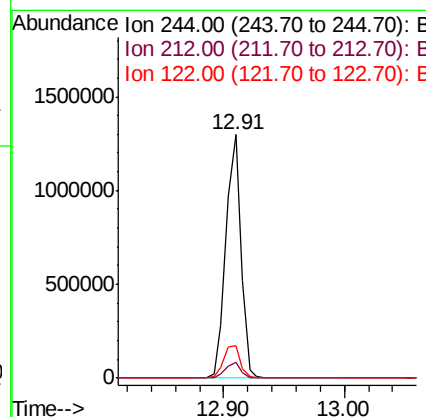
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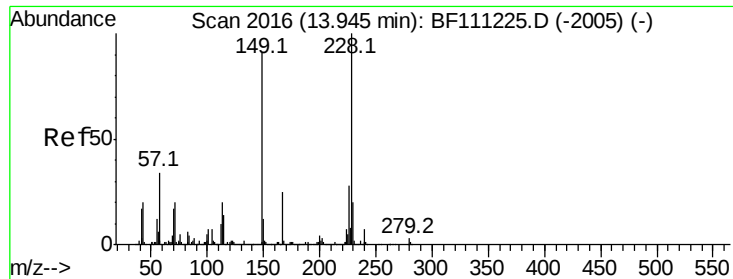
Sohil
12/11/2018 2:23:49 PM



#79
Terphenyl-d14
Concen: 38.659 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.01 min
Lab File: BF111266.D
Acq: 11 Dec 2018 2:16

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.4	5.7	8.5
122	13.5	13.1	19.7





#81

Benzo(a)anthracene

Concen: 2.104 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.01 min

Lab File: BF111266.D

Acq: 11 Dec 2018 2:16

Instrument :

BNA_F

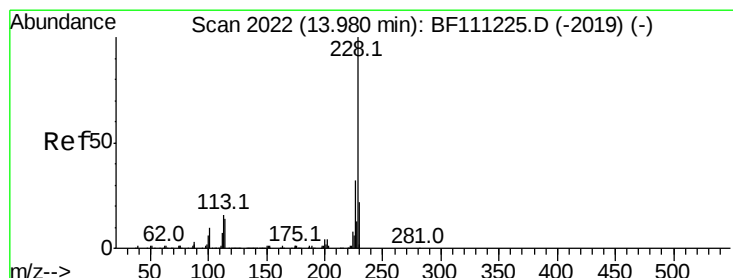
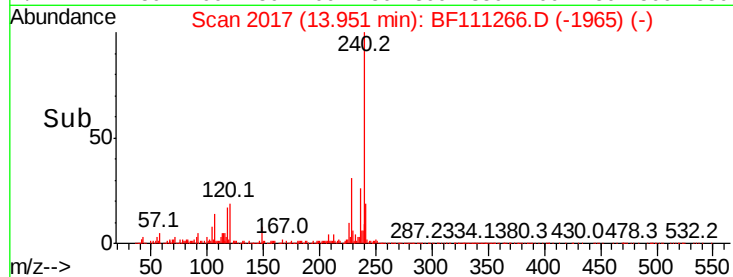
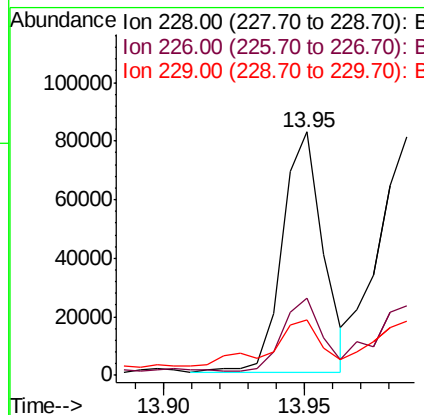
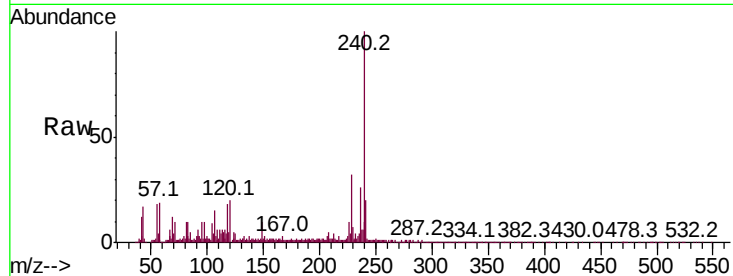
ClientSampleId :

PL-02-120718

Tot Ion:	228	Resp:	81319
Ion Ratio	Lower	Upper	
228	100		
226	31.5	22.6	34.0
229	22.6	16.3	24.5

Manual Integrations
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#83

Chrysene

Concen: 2.064 ng

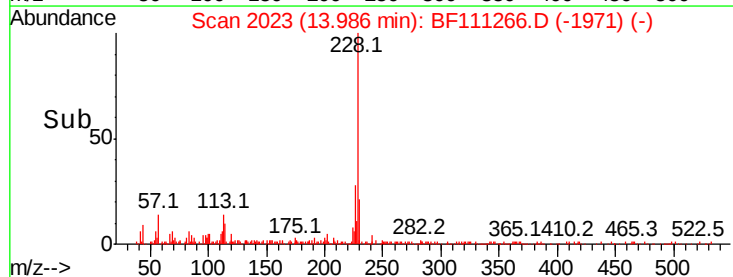
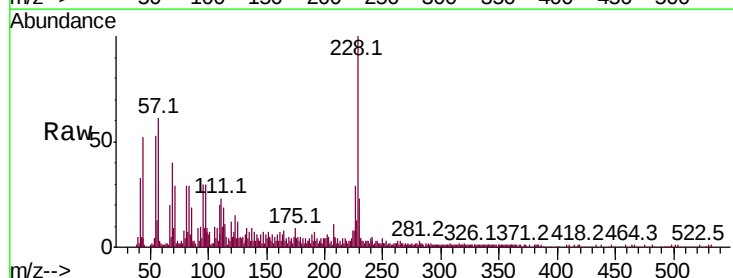
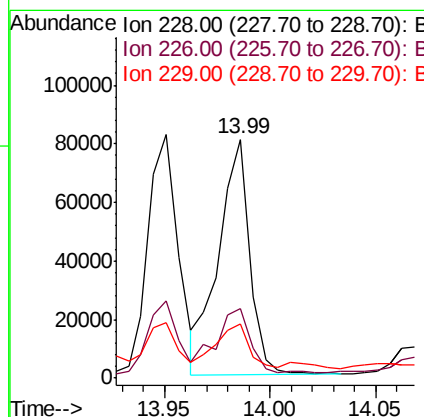
RT: 13.99 min Scan# 2023

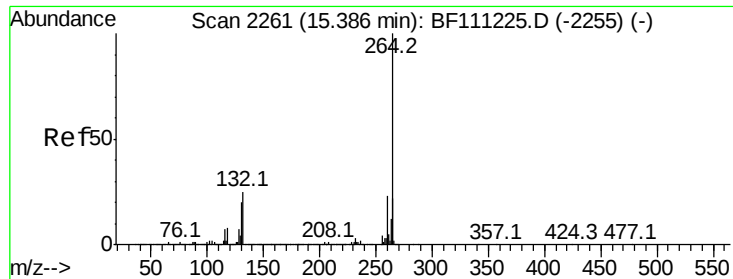
Delta R.T. 0.01 min

Lab File: BF111266.D

Acq: 11 Dec 2018 2:16

Tgt Ion:	228	Resp:	82239
Ion Ratio	Lower	Upper	
228	100		
226	29.3	25.3	37.9
229	22.7	17.2	25.8





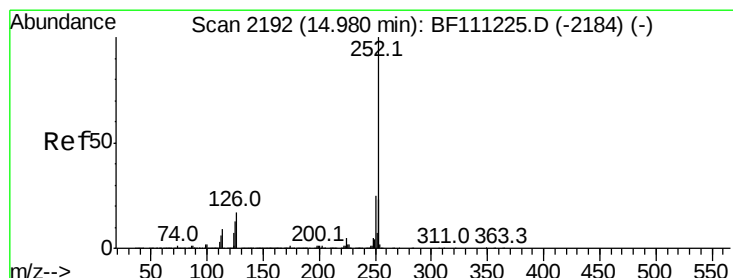
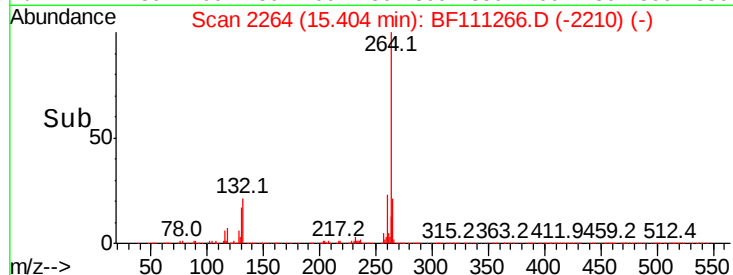
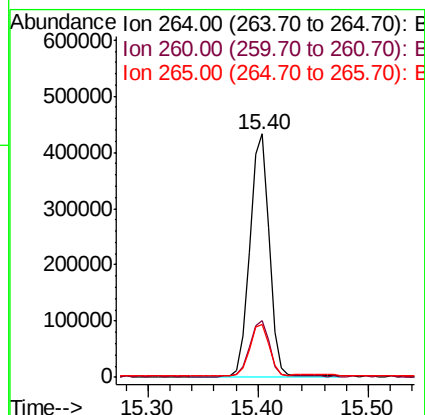
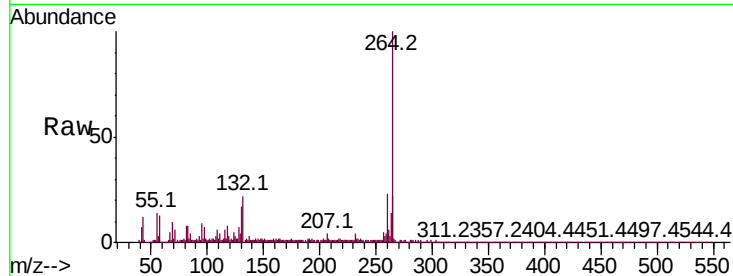
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2264
Delta R.T. 0.02 min
Lab File: BF111266.D
Acq: 11 Dec 2018 2:16

Instrument :
BNA_F
ClientSampleId :
PL-02-120718

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.3	27.5
265	21.9	17.7	26.5

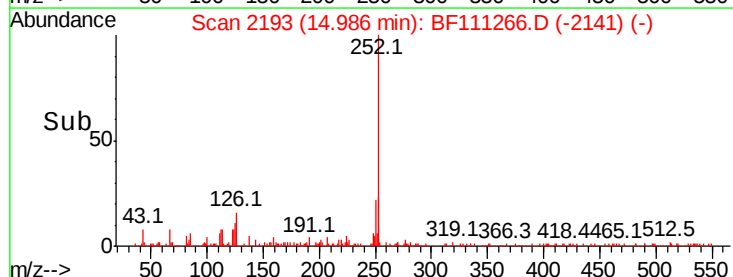
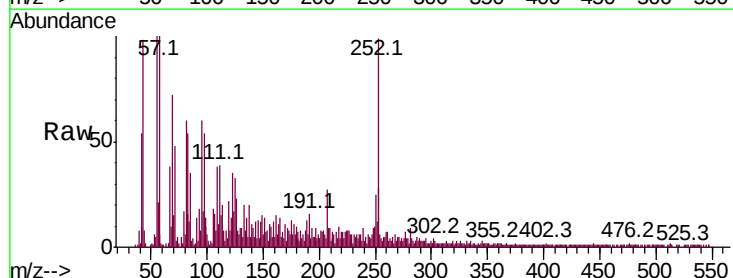
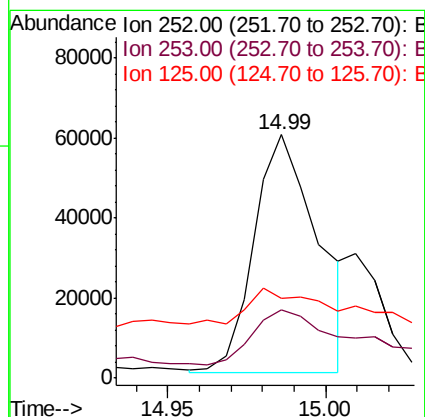
Manual Integrations
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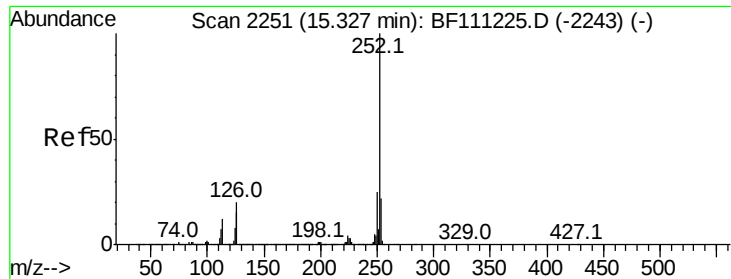
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#88
Benzo(b)fluoranthene
Concen: 2.827 ng m
RT: 14.99 min Scan# 2193
Delta R.T. 0.01 min
Lab File: BF111266.D
Acq: 11 Dec 2018 2:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.2	18.2	27.2#
125	32.8	10.4	15.6#





#90

Benzo(a)pyrene

Concen: 2.088 ng

RT: 15.34 min Scan# 2253

Delta R.T. 0.01 min

Lab File: BF111266.D

Acq: 11 Dec 2018 2:16

Instrument :

BNA_F

ClientSampleId :

PL-02-120718

Tot Ion:	252	Resp:	56944
Ion Ratio	Lower	Upper	
252	100		
253	29.1	17.8	26.8#
125	33.4	12.3	18.5#

Manual Integrations
APPROVED

Sohil
12/11/2018 2:23:49 PM

