

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051719\
 Data File : BF114369.D
 Acq On : 18 May 2019 00:43
 Operator : JU/SJ
 Sample : K2894-19
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-0-1

Manual Integrations
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Quant Time: May 18 06:26:19 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	189999	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	750538	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	354938	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	711768	20.00	ng	0.00
76) Chrysene-d12	14.01	240	508490	20.00	ng	-0.01
87) Perylene-d12	15.49	264	467800	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1020717	86.45	ng	0.00
7) Phenol-d6	6.49	99	1379247	98.77	ng	0.00
23) Nitrobenzene-d5	7.40	82	832831	62.27	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	324060	88.31	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1381038	58.86	ng	-0.01
79) Terphenyl-d14	12.95	244	1322191	53.60	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	265370	10.185	ng	98
71) Phenanthrene	11.39	178	78085	2.255	ng	98
75) Fluoranthene	12.58	202	154216	4.136	ng	98
78) Pyrene	12.81	202	139362	3.407	ng	97
81) Benzo(a)anthracene	14.00	228	80535	2.449	ng	98
83) Chrysene	14.04	228	75389	2.338	ng	97
88) Benzo(b)fluoranthene	15.06	252	95122m	3.174	ng	
90) Benzo(a)pyrene	15.42	252	63169	2.395	ng	# 92

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

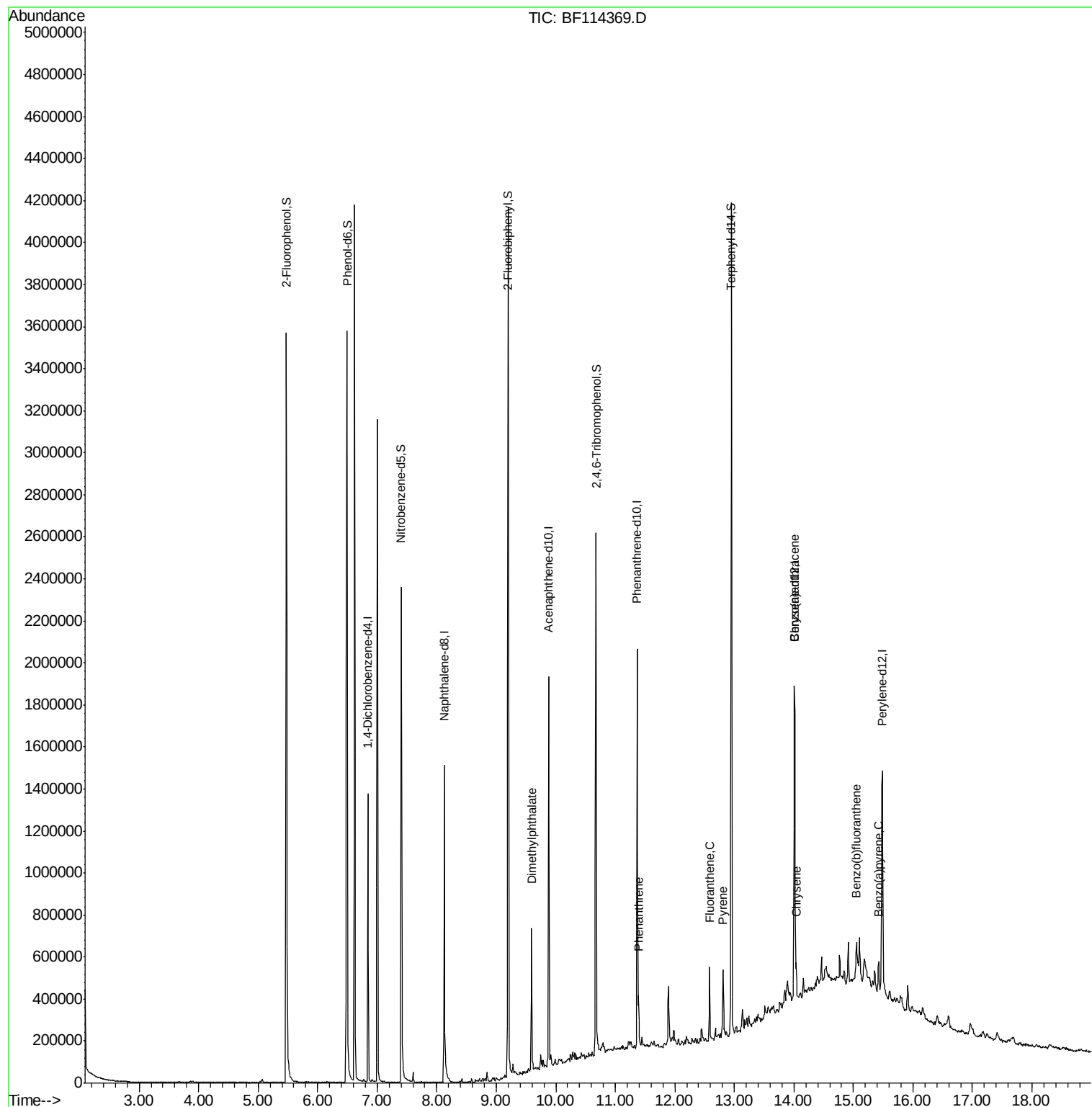
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051719\
Data File : BF114369.D
Acq On : 18 May 2019 00:43
Operator : JU/SJ
Sample : K2894-19
Misc :
ALS Vial : 29 Sample Multiplier: 1

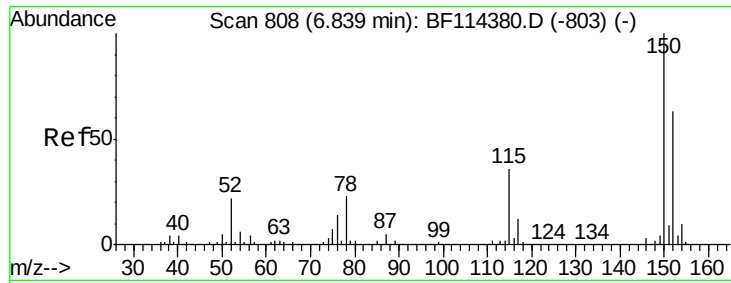
Instrument :
BNA_F
ClientSampleId :
SB-01-0-1

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Quant Time: May 18 06:26:19 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
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#1

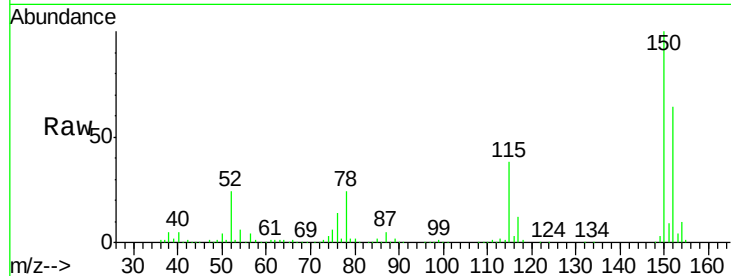
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF114369.D
Acq: 18 May 2019 00:43

Instrument :
BNA_F
ClientSampleId :
SB-01-0-1

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	189999		
150	156.7	124.3	186.5	
115	60.1	49.1	73.7	

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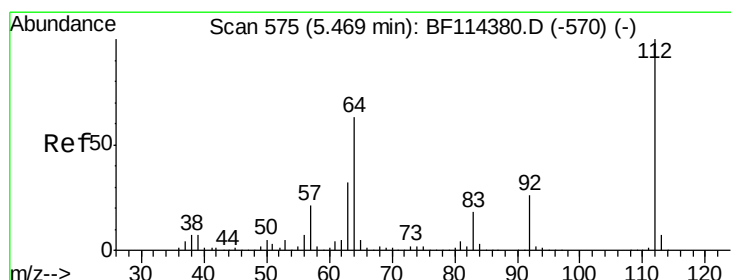
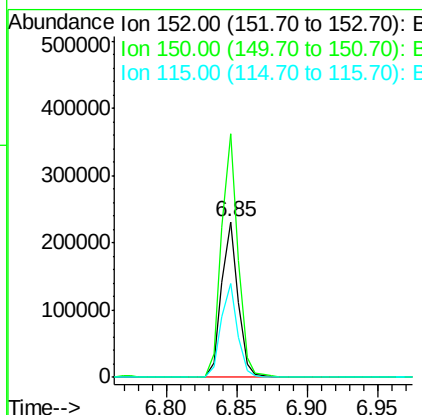
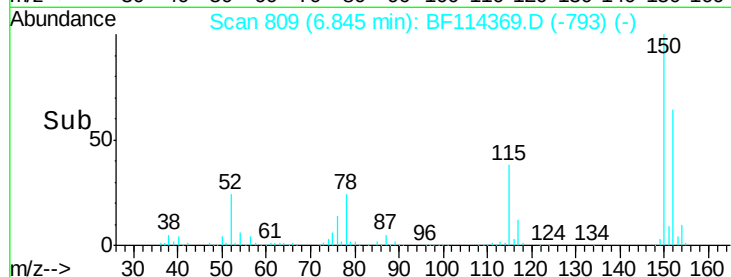


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

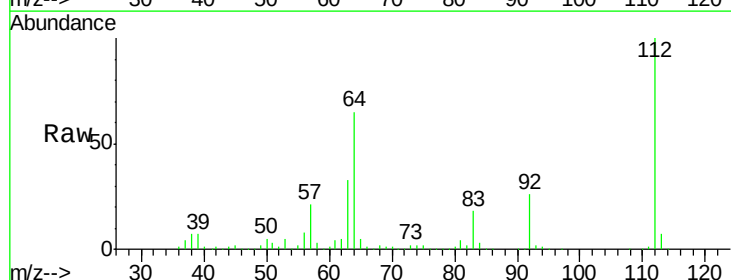
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 86.453 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF114369.D
Acq: 18 May 2019 00:43

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	1020717		
64	65.2	49.0	73.6	
63	33.1	24.6	37.0	

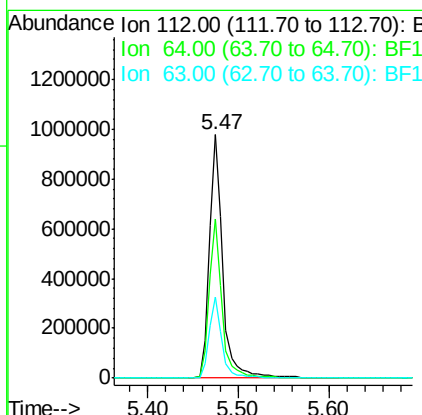
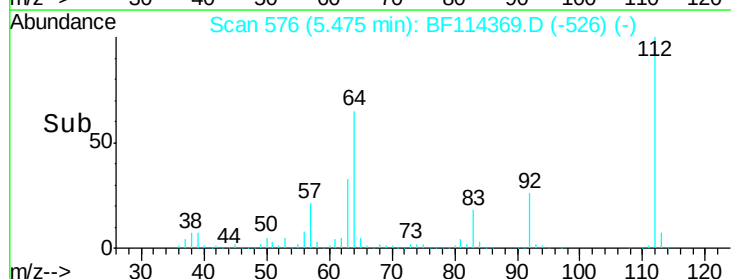


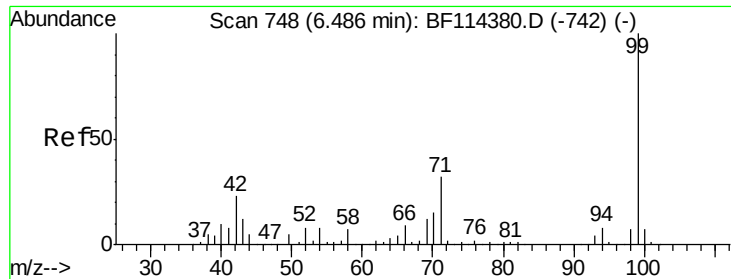
Abundance

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: 98.771 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF114369.D

Acq: 18 May 2019 00:43

Instrument :

BNA_F

ClientSampleId :

SB-01-0-1

Tgt Ion: 99 Resp: 1379247

Ion Ratio Lower Upper

99 100

42 20.5 17.9 26.9

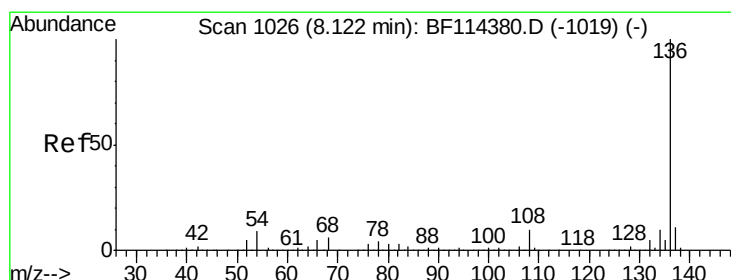
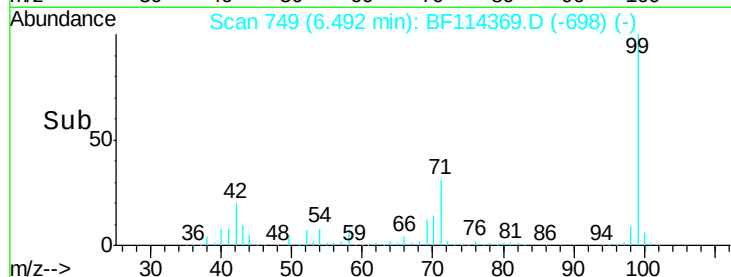
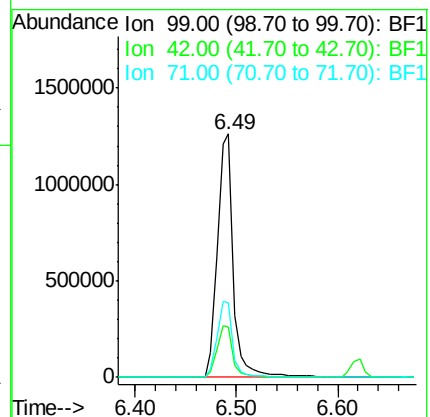
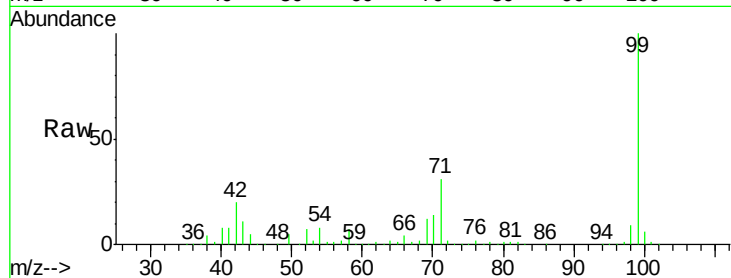
71 30.7 26.2 39.2

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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: BF114369.D

Acq: 18 May 2019 00:43

Tgt Ion: 136 Resp: 750538

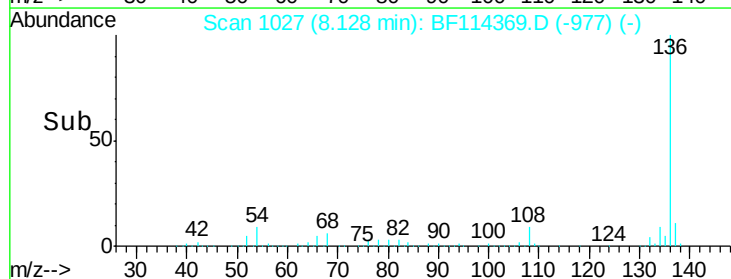
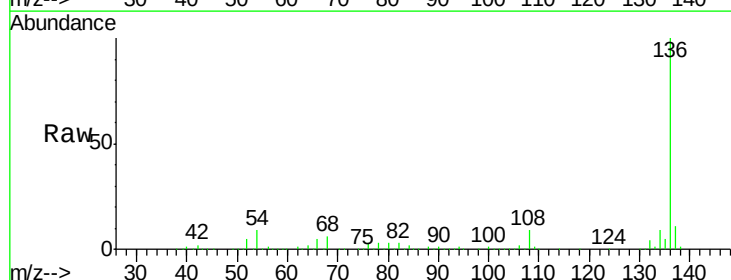
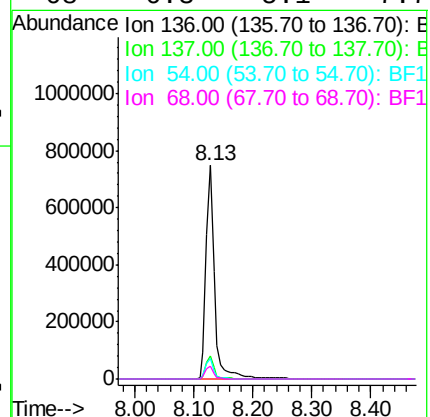
Ion Ratio Lower Upper

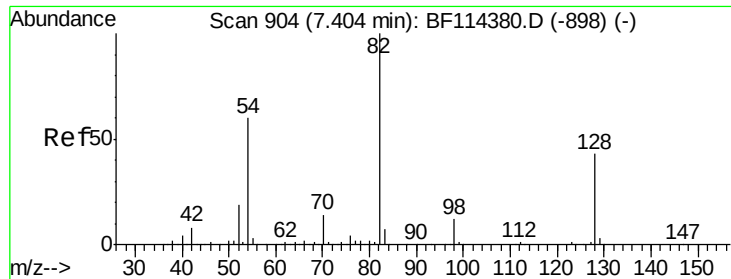
136 100

137 11.0 8.8 13.2

54 9.3 7.8 11.8

68 6.3 5.1 7.7





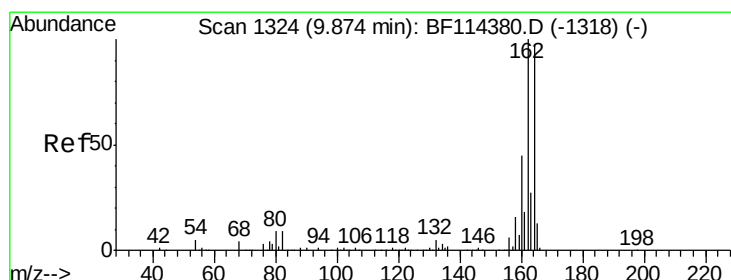
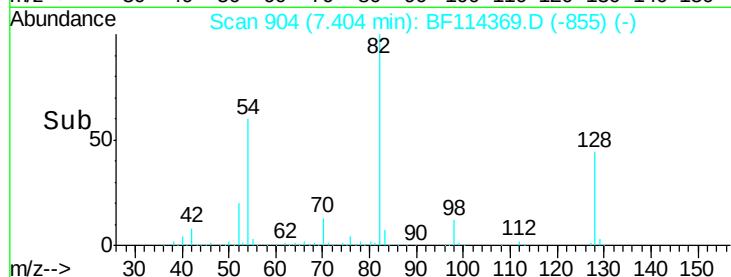
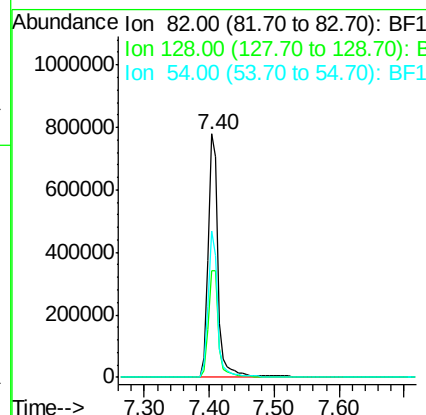
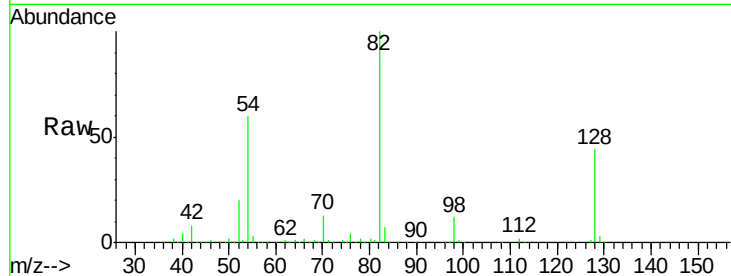
#23
 Nitrobenzene-d5
 Concen: 62.273 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF114369.D
 Acq: 18 May 2019 00:43

Instrument :
 BNA_F
 ClientSampled :
 SB-01-0-1

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.7	35.5	53.3
54	59.9	48.5	72.7

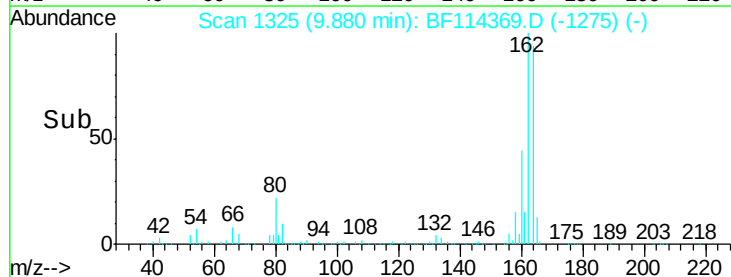
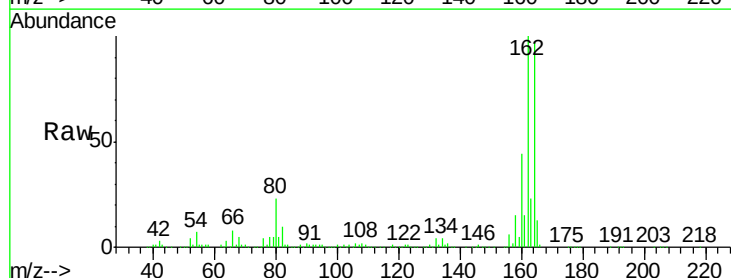
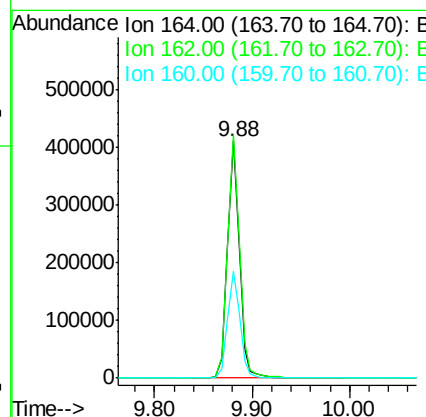
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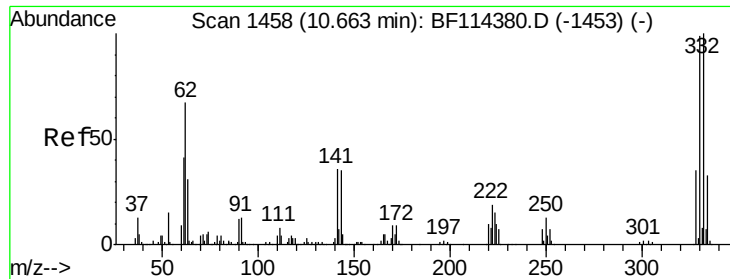
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF114369.D
 Acq: 18 May 2019 00:43

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	80.6	120.8
160	44.9	36.5	54.7





#42

2,4,6-Tribromophenol

Concen: 88.313 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.00 min

Lab File: BF114369.D

Acq: 18 May 2019 00:43

Instrument :

BNA_F

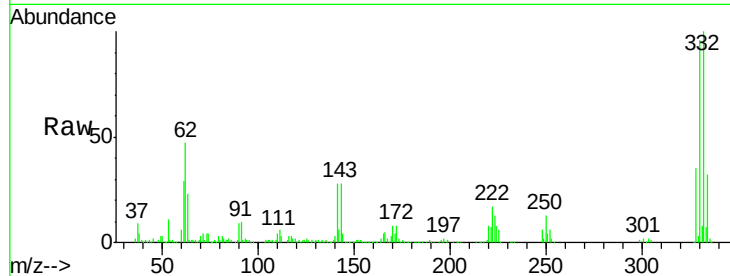
ClientSampleId :

SB-01-0-1

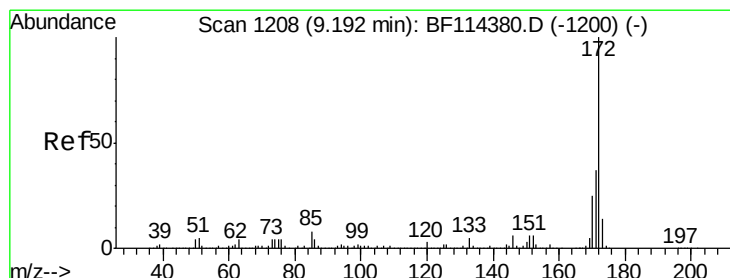
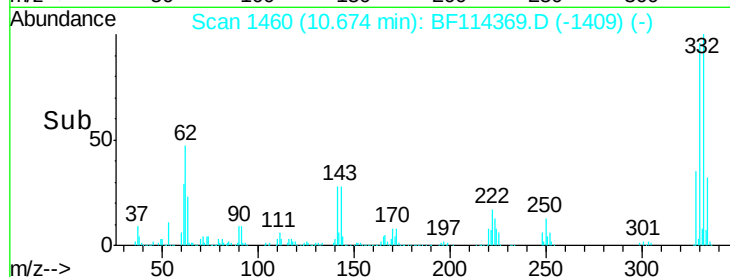
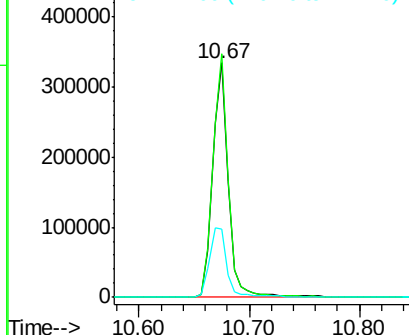
Tgt Ion:	330	Resp:	324060
Ion Ratio	Lower	Upper	
330	100		
332	102.1	81.4	122.2
141	32.2	26.6	40.0

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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: 58.857 ng

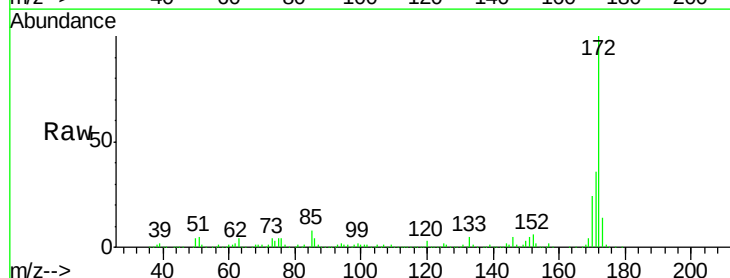
RT: 9.20 min Scan# 1209

Delta R.T. -0.01 min

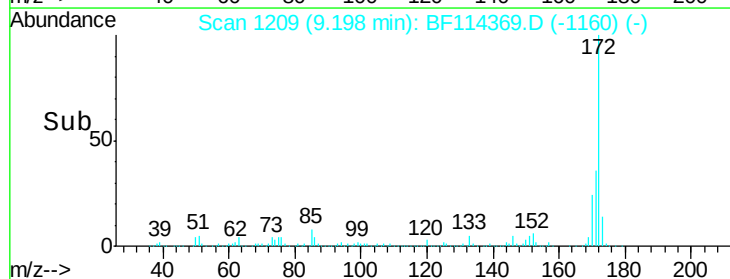
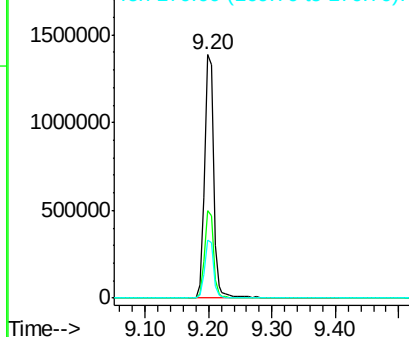
Lab File: BF114369.D

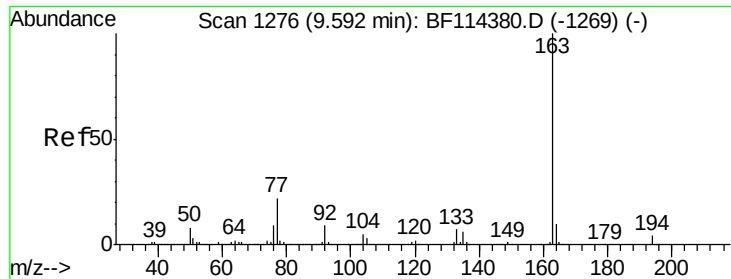
Acq: 18 May 2019 00:43

Tgt Ion:	172	Resp:	1381038
Ion Ratio	Lower	Upper	
172	100		
171	35.7	30.7	46.1
170	23.6	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





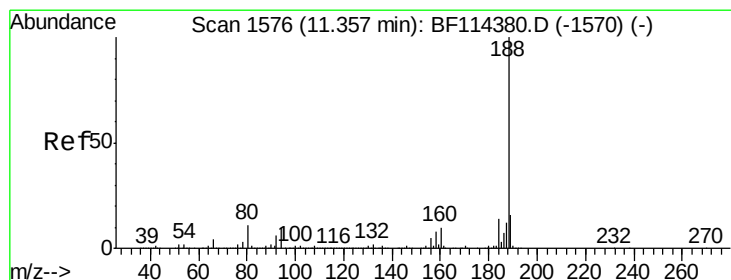
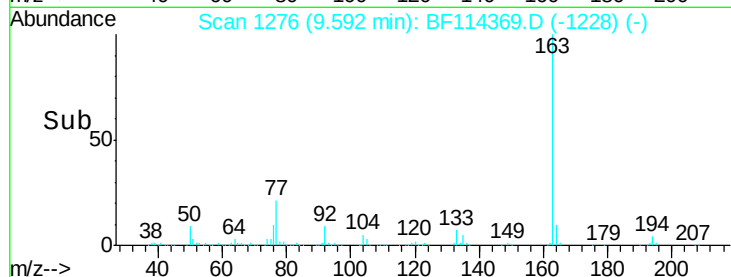
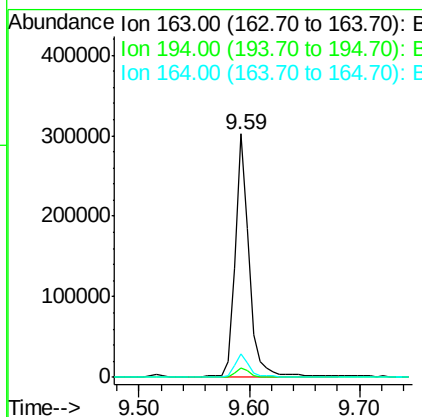
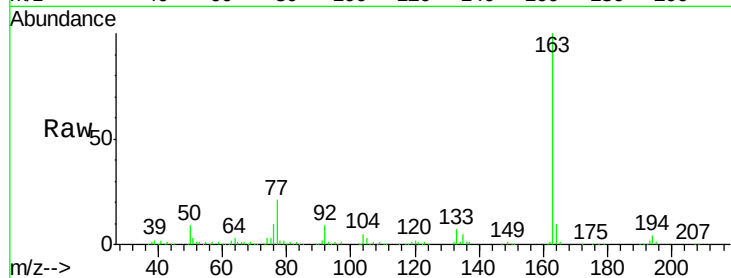
#50
Dimethylphthalate
Concen: 10.185 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF114369.D
Acq: 18 May 2019 00:43

Instrument :
BNA_F
ClientSampleId :
SB-01-0-1

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	265370		
194	3.7		3.4	5.0
164	9.5		8.2	12.2

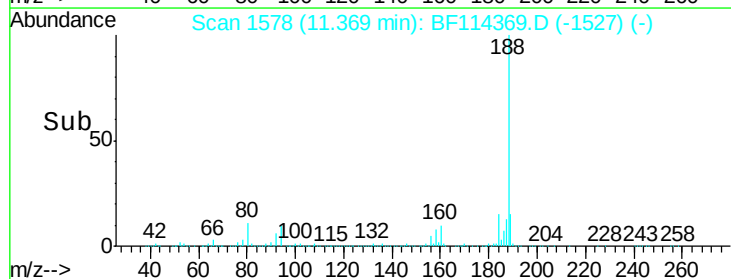
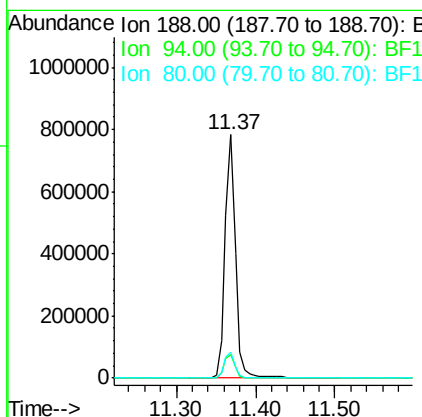
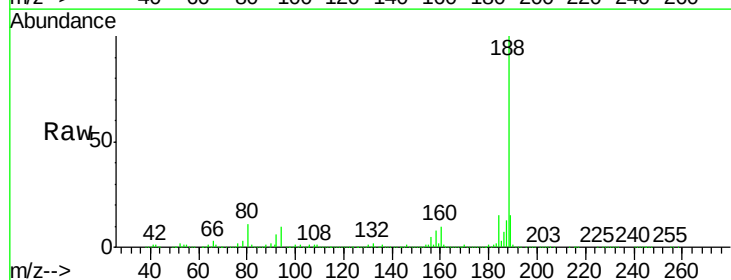
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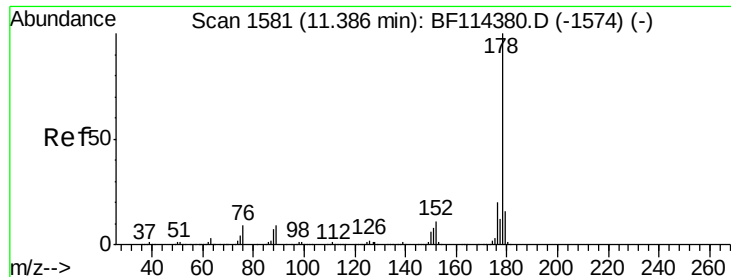
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF114369.D
Acq: 18 May 2019 00:43

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	711768		
94	9.9		8.4	12.6
80	10.8		9.2	13.8





#71

Phenanthrene

Concen: 2.255 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BF114369.D

Acq: 18 May 2019 00:43

Instrument :

BNA_F

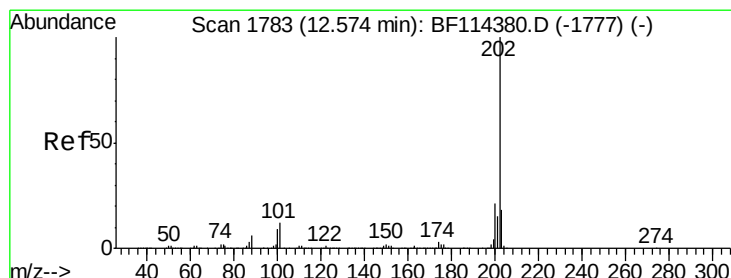
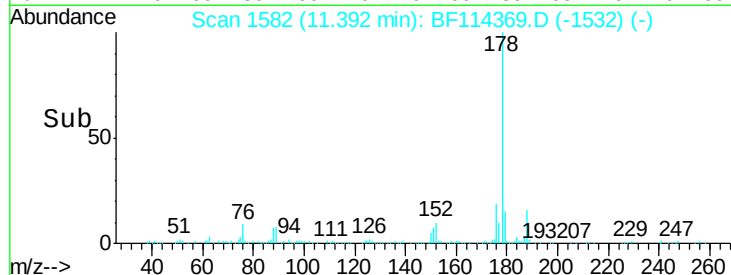
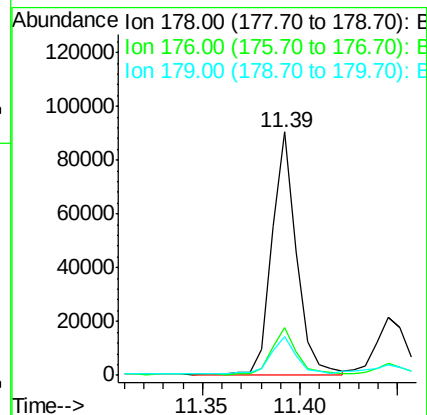
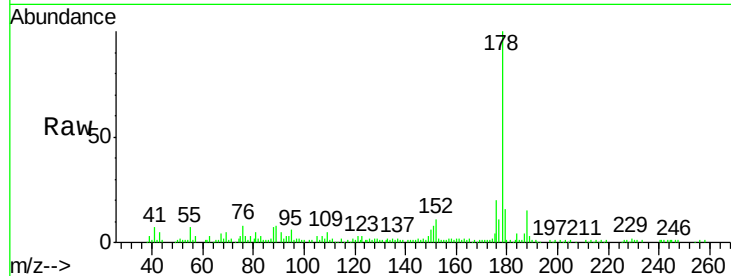
ClientSampleId :

SB-01-0-1

Tgt Ion:	178	Resp:	78085
Ion Ratio	Lower	Upper	
178	100		
176	19.5	16.4	24.6
179	15.9	13.2	19.8

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#75

Fluoranthene

Concen: 4.136 ng

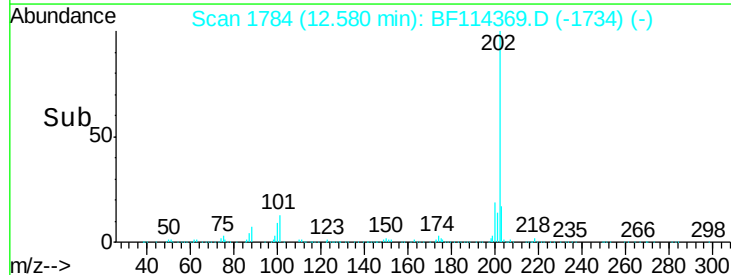
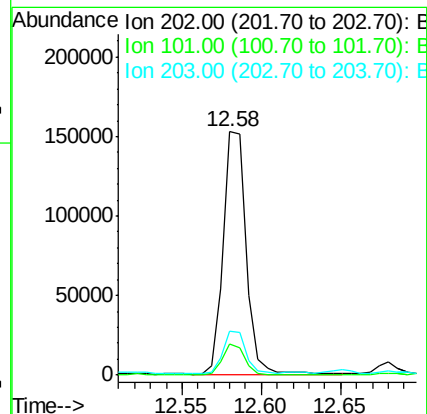
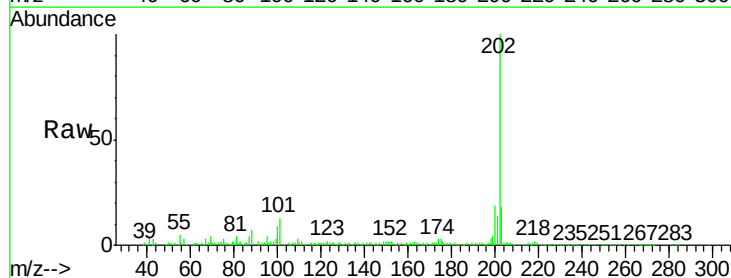
RT: 12.58 min Scan# 1784

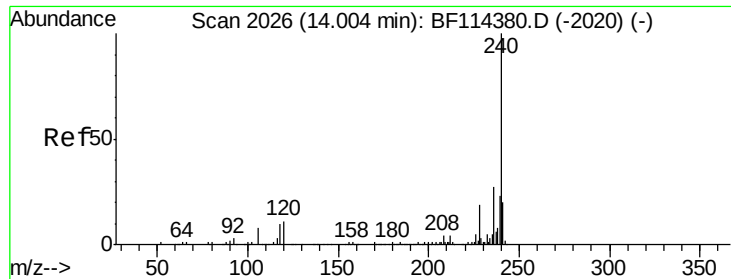
Delta R.T. -0.01 min

Lab File: BF114369.D

Acq: 18 May 2019 00:43

Tgt Ion:	202	Resp:	154216
Ion Ratio	Lower	Upper	
202	100		
101	12.7	0.0	31.0
203	18.0	0.0	38.4





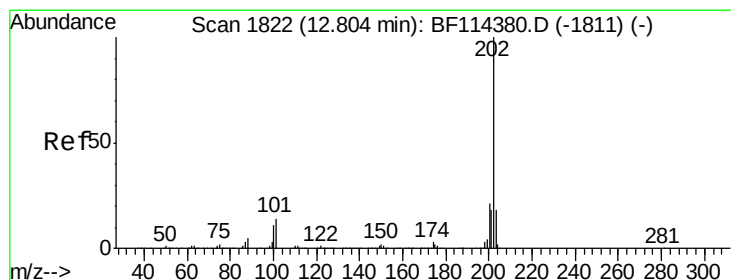
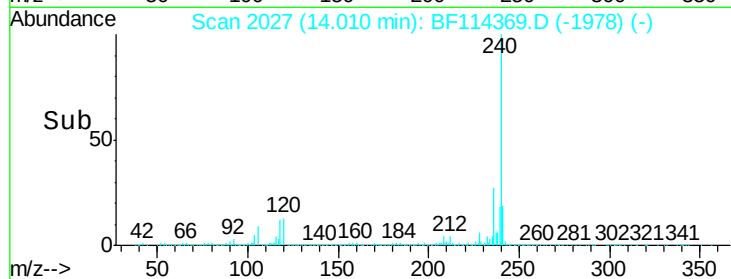
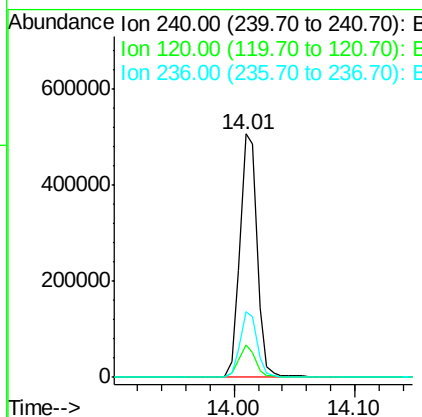
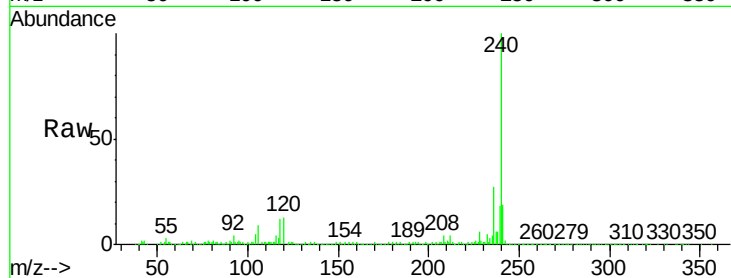
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF114369.D
Acq: 18 May 2019 00:43

Instrument :
BNA_F
ClientSampleId :
SB-01-0-1

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	508490		
120	13.4	8.3	12.5#	
236	27.0	20.8	31.2	

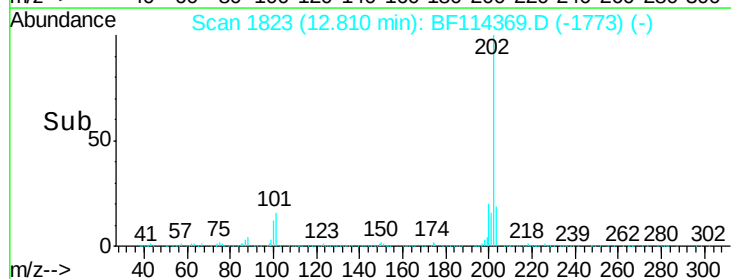
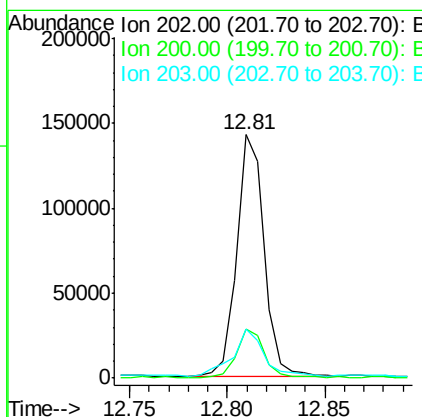
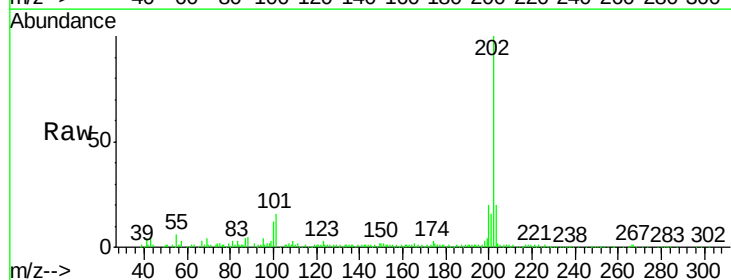
Manual Integrations
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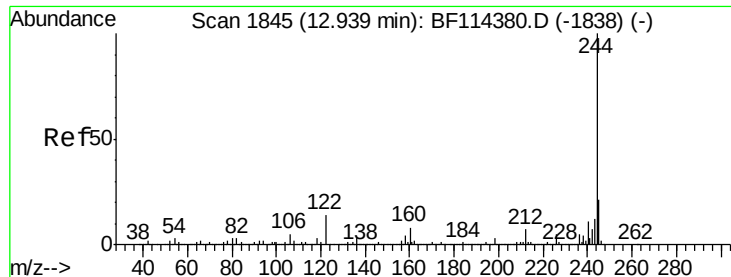
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#78
Pyrene
Concen: 3.407 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BF114369.D
Acq: 18 May 2019 00:43

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	139362		
200	20.2	16.9	25.3	
203	20.4	14.5	21.7	





#79

Terphenyl-d14

Concen: 53.602 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF114369.D

Acq: 18 May 2019 00:43

Instrument :

BNA_F

ClientSampleId :

SB-01-0-1

Tgt Ion:244 Resp: 1322191

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.6

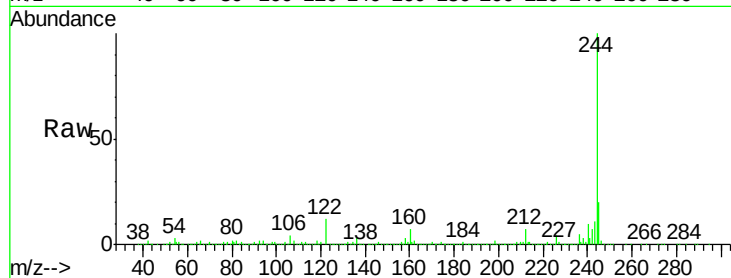
122 12.4 9.4 14.2

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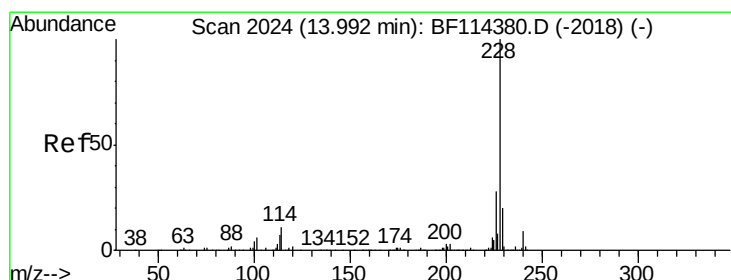
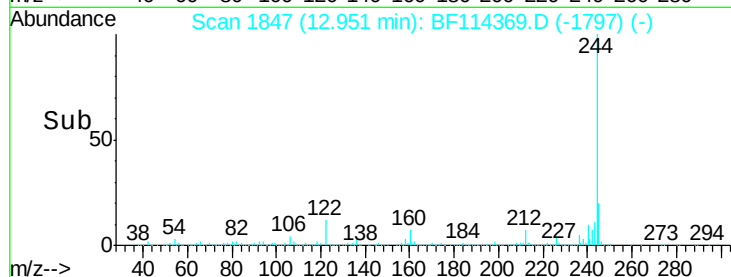
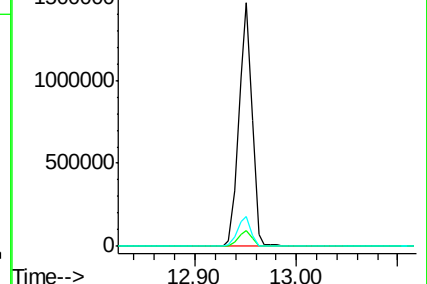
5/21/2019 2:16:34 PM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#81

Benzo(a)anthracene

Concen: 2.449 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF114369.D

Acq: 18 May 2019 00:43

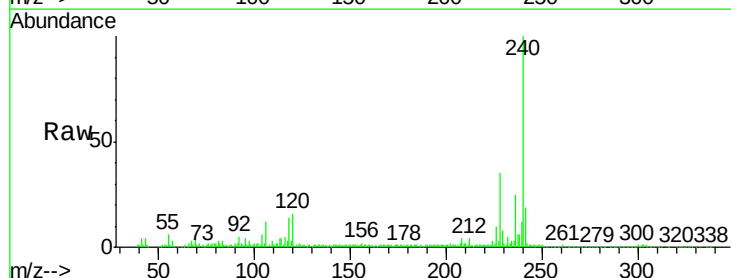
Tgt Ion:228 Resp: 80535

Ion Ratio Lower Upper

228 100

226 27.8 22.2 33.2

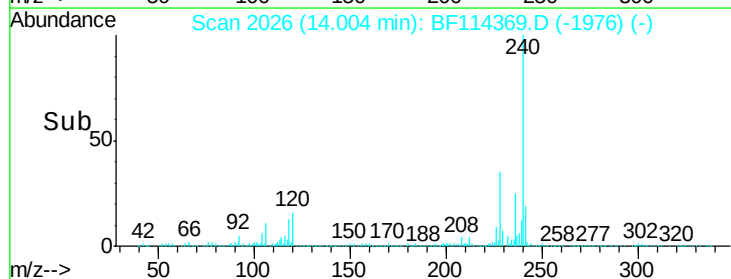
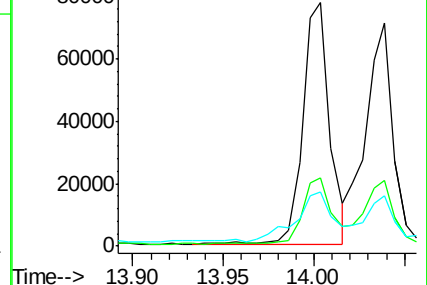
229 22.4 16.4 24.6

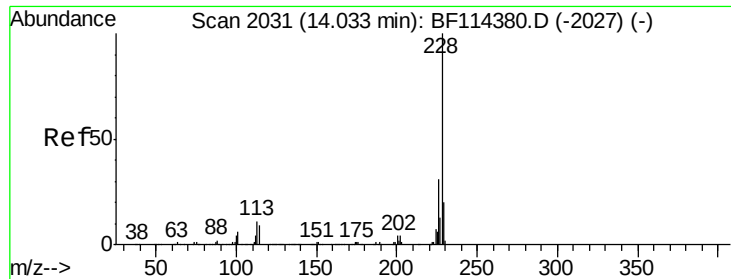


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





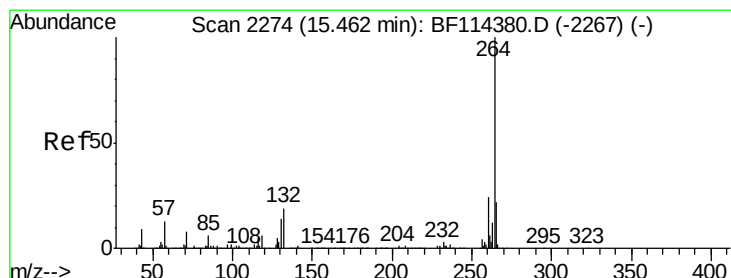
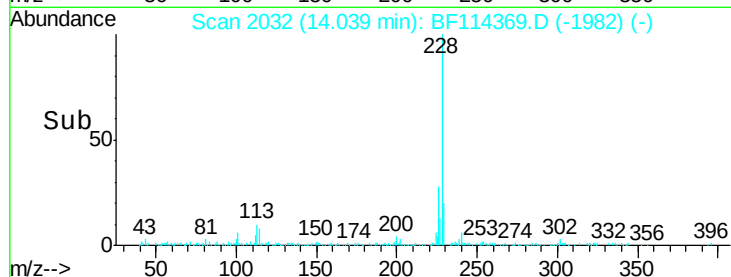
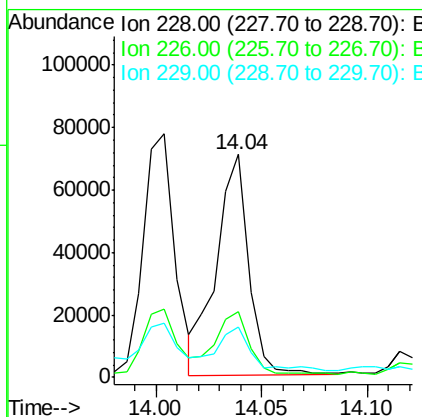
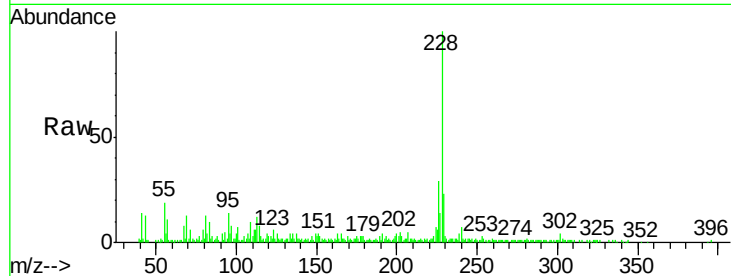
#83
Chrysene
Concen: 2.338 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF114369.D
Acq: 18 May 2019 00:43

Instrument :
BNA_F
ClientSampled :
SB-01-0-1

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	75389		
226	29.3		25.0	37.6
229	22.7		17.0	25.6

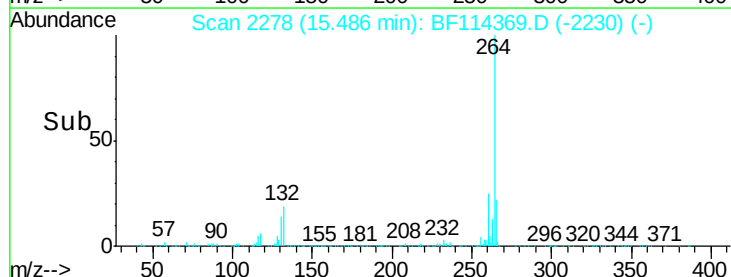
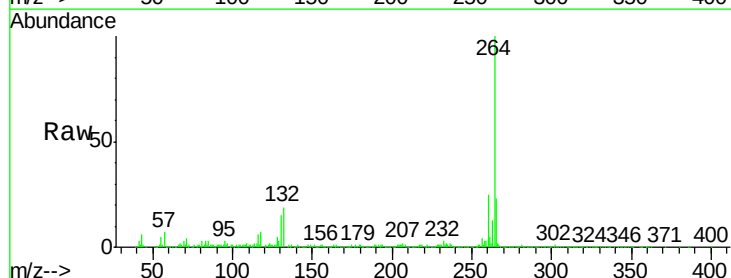
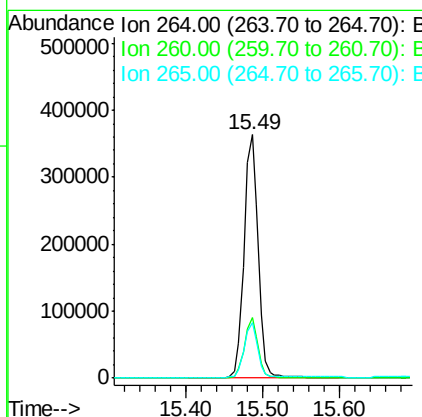
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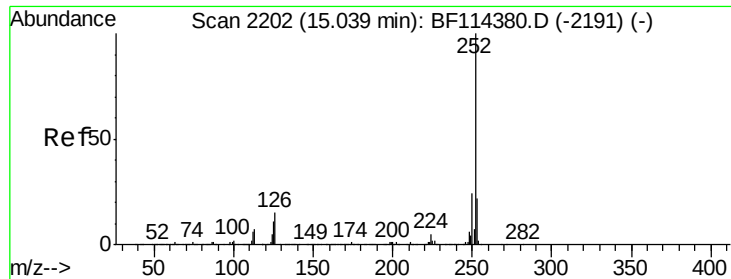
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.02 min
Lab File: BF114369.D
Acq: 18 May 2019 00:43

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	467800		
260	24.8		19.4	29.0
265	22.5		16.9	25.3





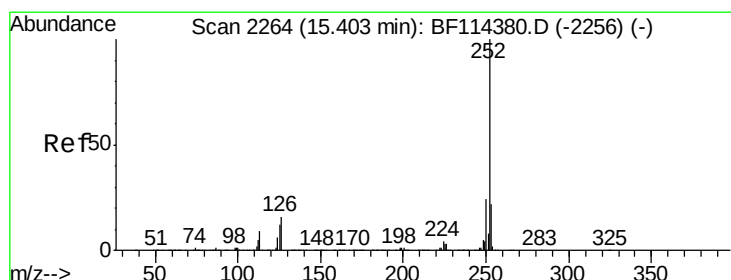
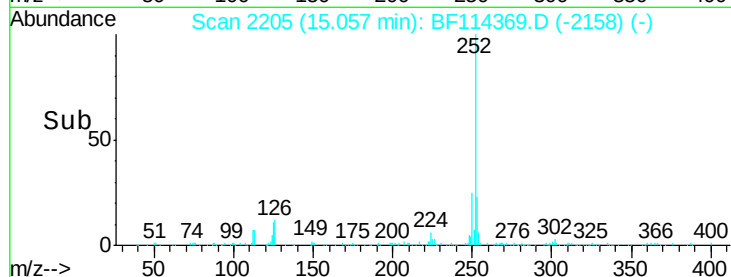
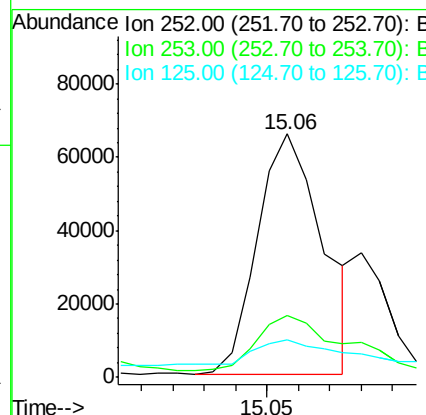
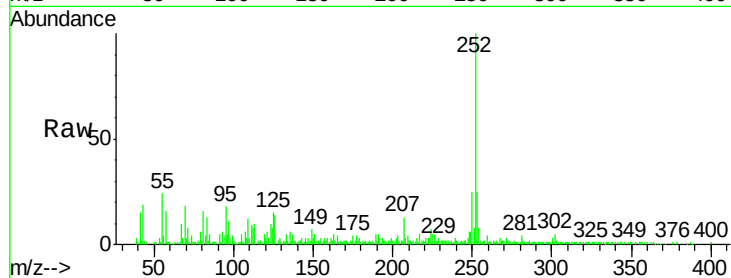
#88
Benzo(b)fluoranthene
Concen: 3.174 ng m
RT: 15.06 min Scan# 2205
Delta R.T. -0.02 min
Lab File: BF114369.D
Acq: 18 May 2019 00:43

Instrument :
BNA_F
ClientSampled :
SB-01-0-1

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.8	26.8
125	15.2	8.3	12.5

Manual Integrations
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5/21/2019 2:16:34 PM



#90
Benzo(a)pyrene
Concen: 2.395 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.02 min
Lab File: BF114369.D
Acq: 18 May 2019 00:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.1	27.1
125	18.0	9.5	14.3

