

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
 Data File : BF114455.D
 Acq On : 21 May 2019 14:58
 Operator : JU/SJ
 Sample : K2648-01 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-051619

Manual Integrations
 APPROVED

Sohil
 5/23/2019 8:15:41 AM

Quant Time: May 21 15:25:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 20 04:47:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	226330	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	907327	20.00	ng	-0.01
39) Acenaphthene-d10	9.86	164	432215	20.00	ng	-0.01
64) Phenanthrene-d10	11.35	188	828449	20.00	ng	0.00
76) Chrysene-d12	13.99	240	494109	20.00	ng	-0.01
87) Perylene-d12	15.46	264	535211	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	639777	45.49	ng	-0.02
7) Phenol-d6	6.47	99	855097	51.41	ng	-0.02
23) Nitrobenzene-d5	7.39	82	510824	31.60	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	204093	45.67	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	941478	32.95	ng	-0.01
79) Terphenyl-d14	12.93	244	807550	33.69	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.58	163	119055	3.752	ng	Qvalue 99
75) Fluoranthene	12.57	202	147011	3.387	ng	99
78) Pyrene	12.80	202	153630	3.865	ng	98
81) Benzo(a)anthracene	13.98	228	75321	2.357	ng	97
83) Chrysene	14.02	228	79514	2.538	ng	97
88) Benzo(b)fluoranthene	15.03	252	114039m	3.326	ng	
90) Benzo(a)pyrene	15.40	252	85064	2.819	ng	# 94

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

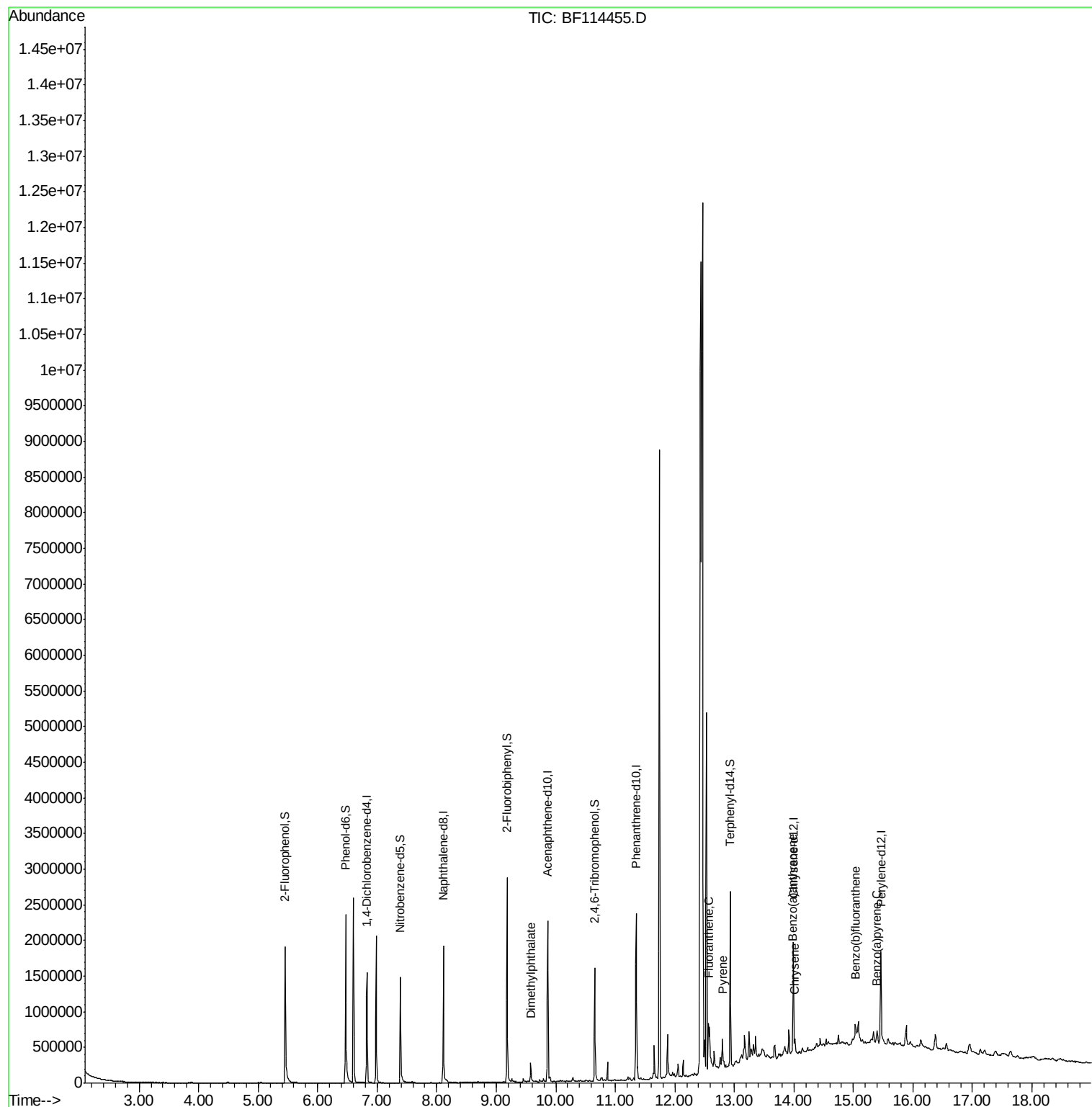
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
Data File : BF114455.D
Acq On : 21 May 2019 14:58
Operator : JU/SJ
Sample : K2648-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

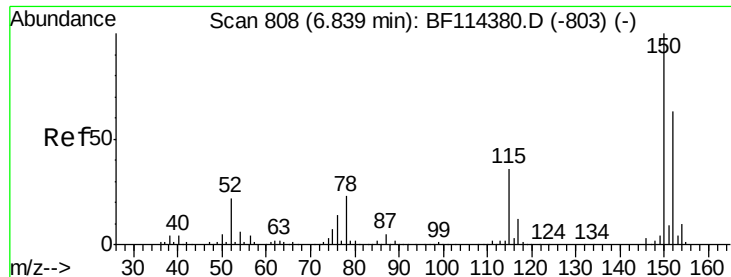
Instrument :
BNA_F
ClientSampleId :
TR-05-051619

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5/23/2019 8:15:41 AM

Quant Time: May 21 15:25:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 04:47:40 2019
Response via : Initial Calibration





#1

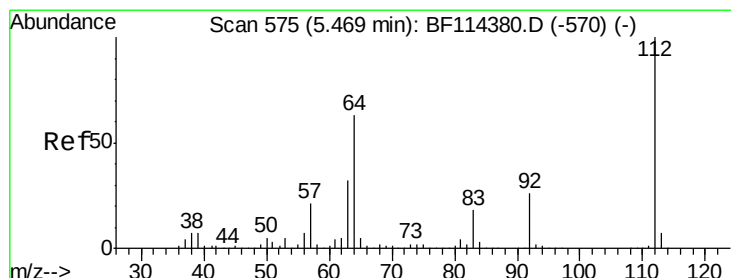
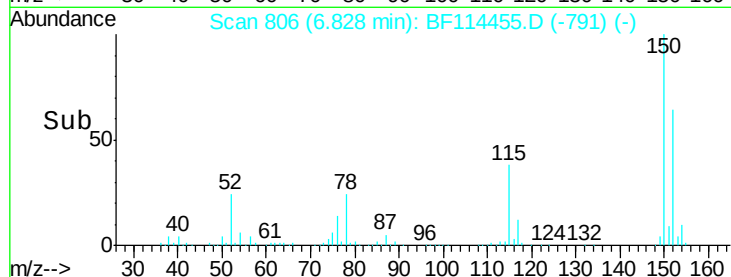
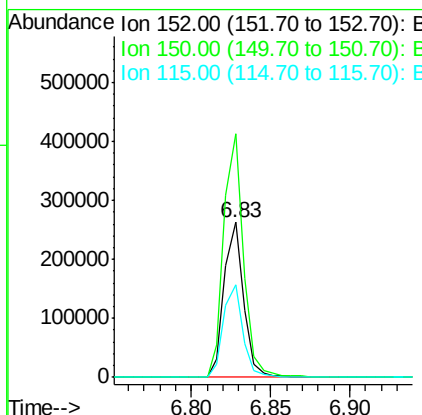
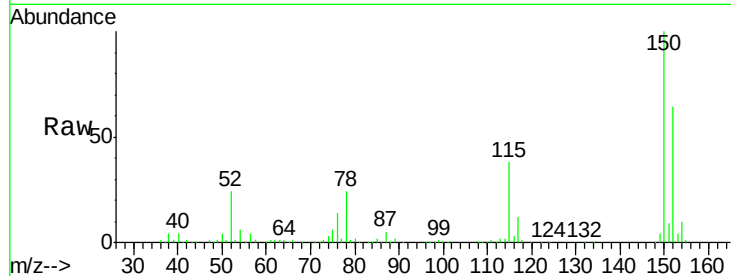
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF114455.D
Acq: 21 May 2019 14:58

Instrument :
BNA_F
ClientSampled :
TR-05-051619

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.3	186.5
115	59.4	49.1	73.7

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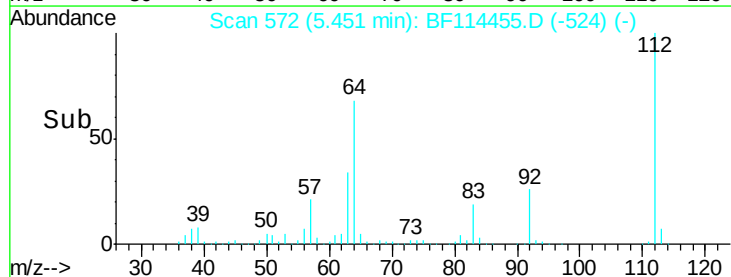
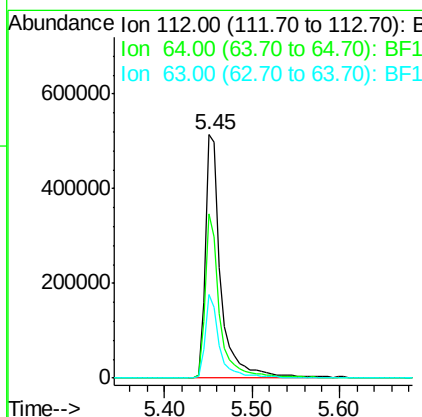
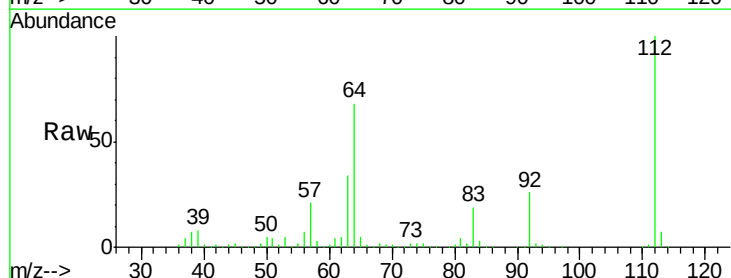
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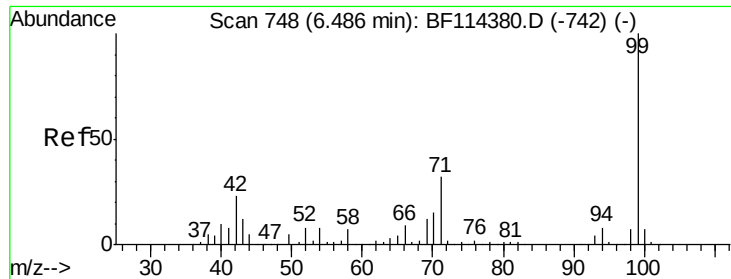


#5

2-Fluorophenol
Concen: 45.490 ng
RT: 5.45 min Scan# 572
Delta R.T. -0.02 min
Lab File: BF114455.D
Acq: 21 May 2019 14:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.7	49.0	73.6
63	34.3	24.6	37.0





#7

Phenol-d6

Concen: 51.406 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF114455.D

Acq: 21 May 2019 14:58

Instrument :

BNA_F

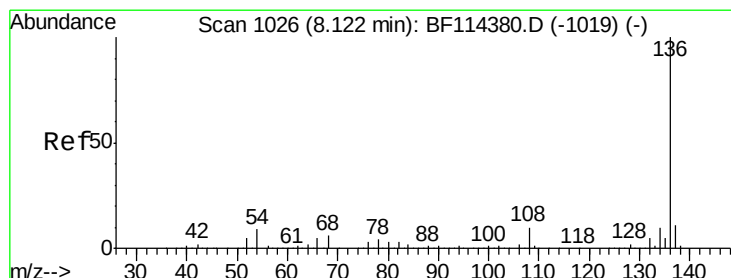
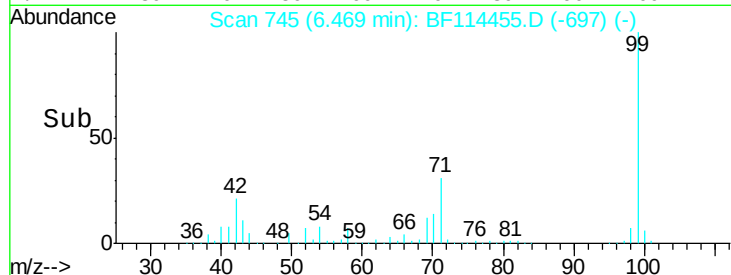
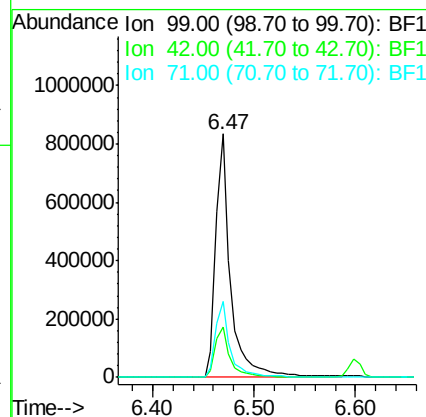
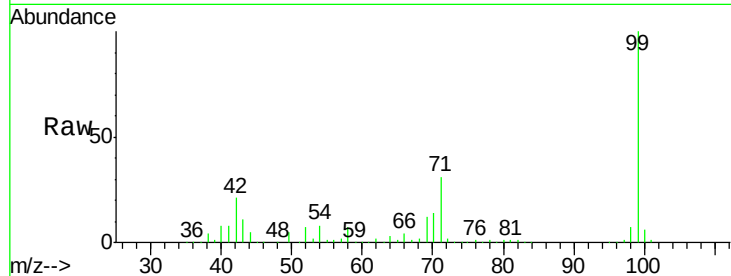
ClientSampleId :

TR-05-051619

Tgt Ion:	99	Resp:	855097
Ion	Ratio	Lower	Upper
99	100		
42	20.9	17.9	26.9
71	31.3	26.2	39.2

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#21

Naphthalene-d8

Concen: 20.000 ng

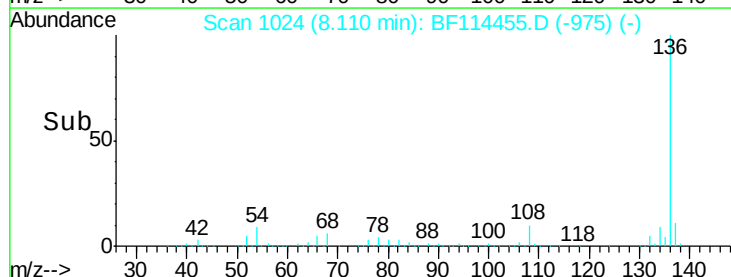
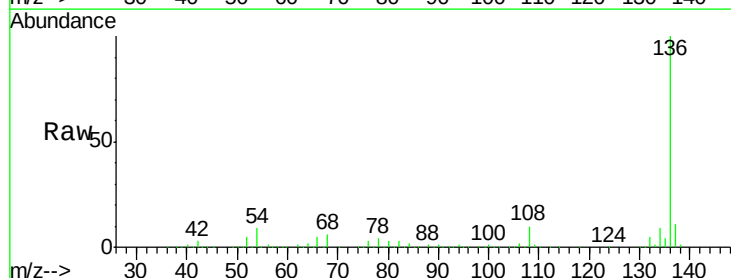
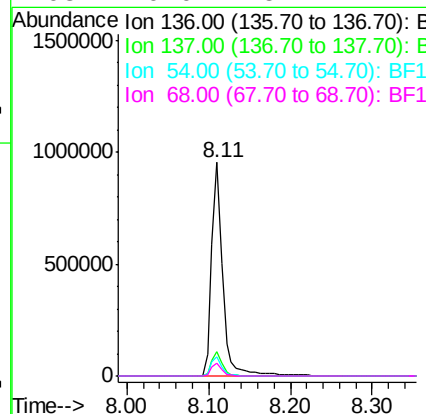
RT: 8.11 min Scan# 1024

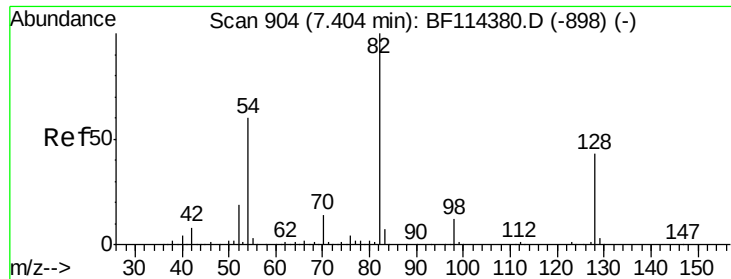
Delta R.T. -0.01 min

Lab File: BF114455.D

Acq: 21 May 2019 14:58

Tgt Ion:	136	Resp:	907327
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	9.2	7.8	11.8
68	6.0	5.1	7.7





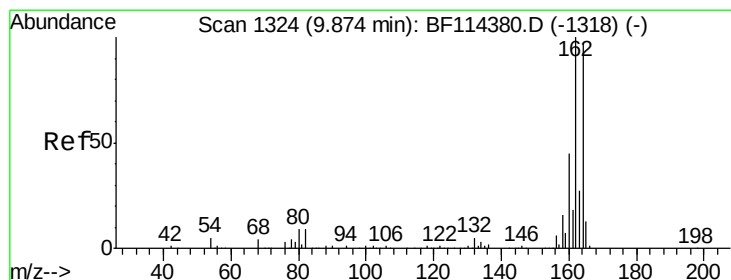
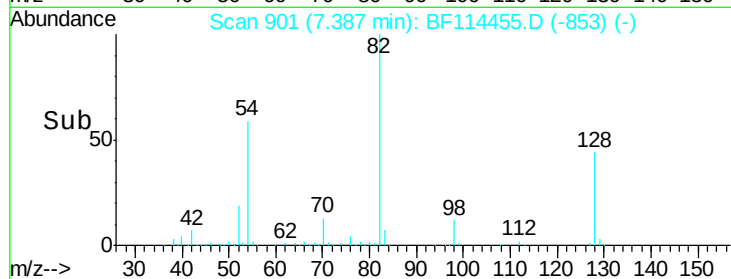
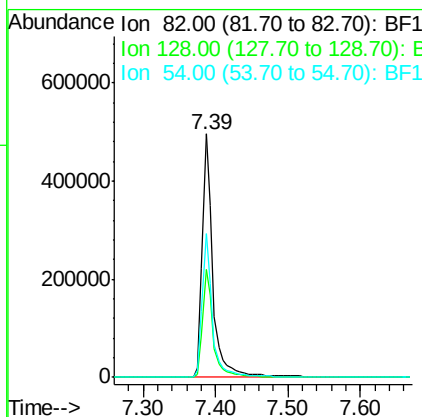
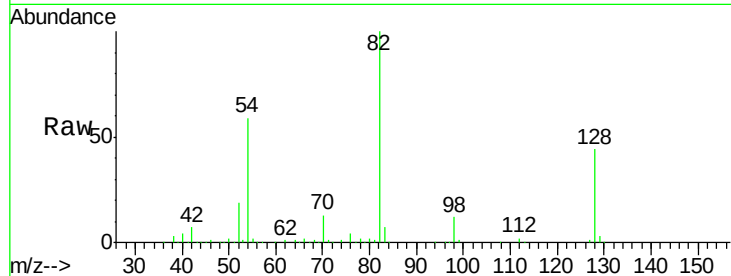
#23
Nitrobenzene-d5
Concen: 31.596 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.02 min
Lab File: BF114455.D
Acq: 21 May 2019 14:58

Instrument :
BNA_F
ClientSampleId :
TR-05-051619

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	510824		
128	44.2	35.5	53.3	
54	58.8	48.5	72.7	

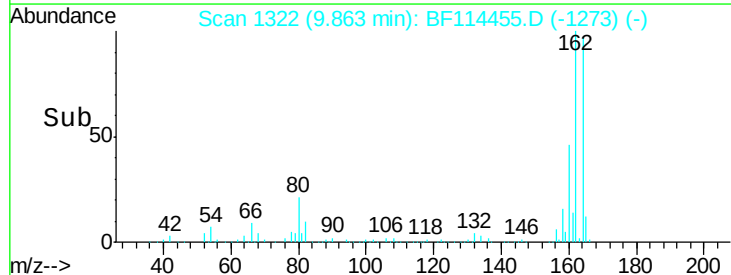
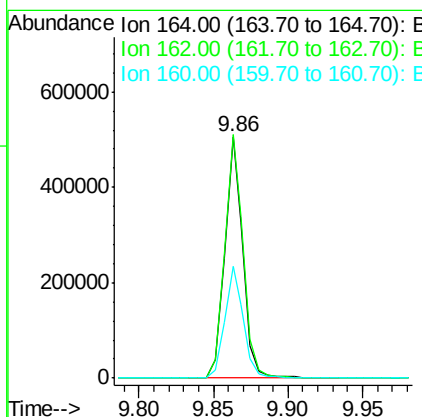
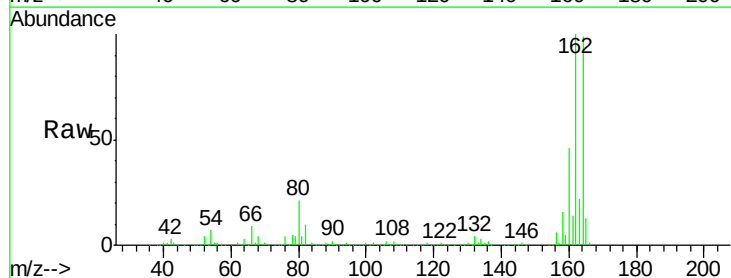
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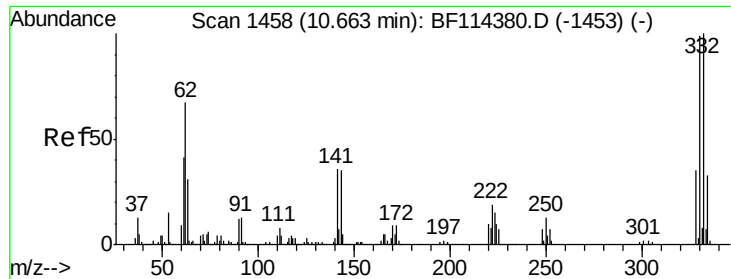
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF114455.D
Acq: 21 May 2019 14:58

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	432215		
162	100.9	80.6	120.8	
160	46.1	36.5	54.7	





#42

2,4,6-Tribromophenol

Concen: 45.675 ng

RT: 10.66 min Scan# 1457

Delta R.T. -0.01 min

Lab File: BF114455.D

Acq: 21 May 2019 14:58

Instrument :

BNA_F

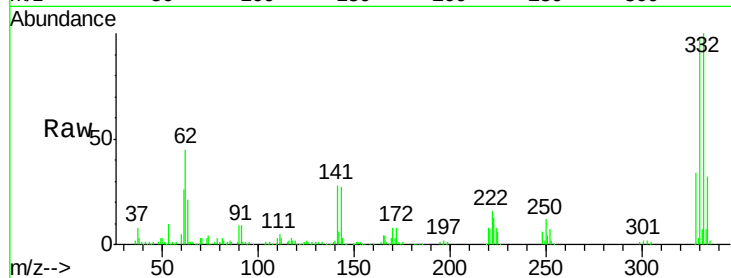
ClientSampled :

TR-05-051619

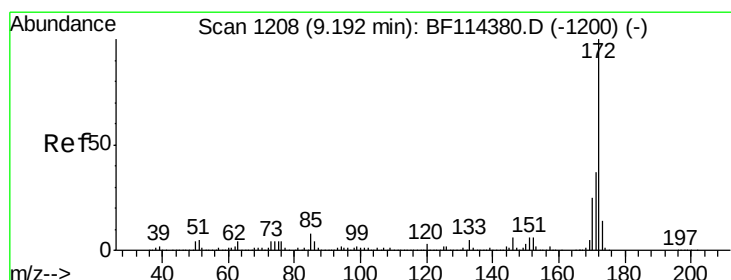
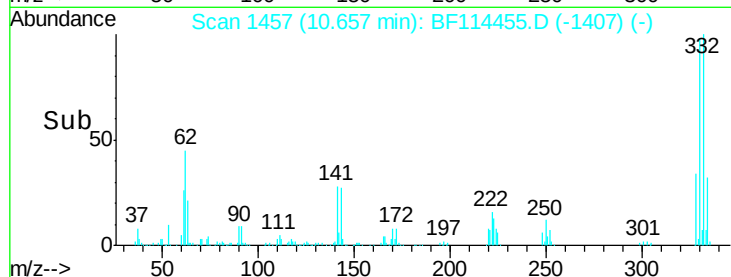
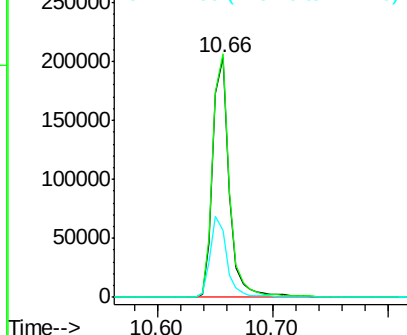
Tgt Ion:	330	Resp:	204093
Ion Ratio	Lower	Upper	
330	100		
332	103.3	81.4	122.2
141	34.5	26.6	40.0

Manual Integrations
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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: 32.950 ng

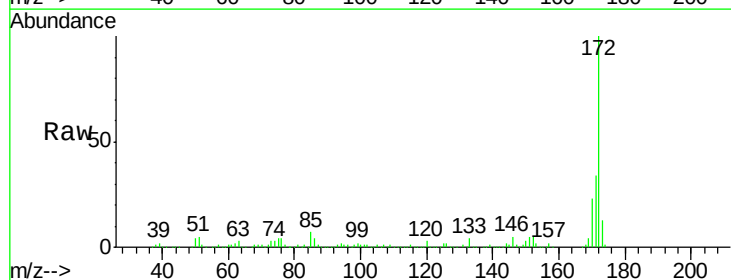
RT: 9.18 min Scan# 1206

Delta R.T. -0.01 min

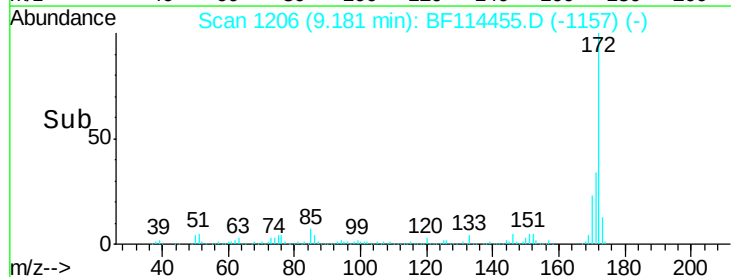
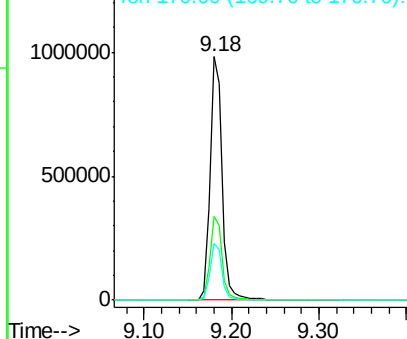
Lab File: BF114455.D

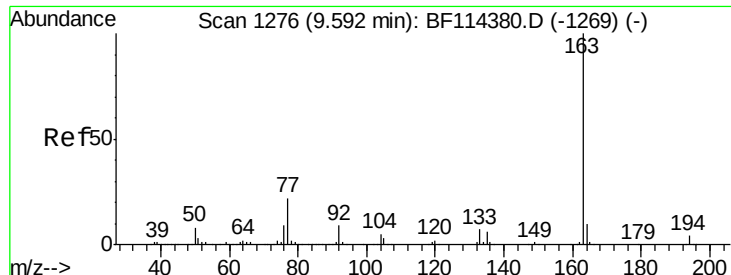
Acq: 21 May 2019 14:58

Tgt Ion:	172	Resp:	941478
Ion Ratio	Lower	Upper	
172	100		
171	34.5	30.7	46.1
170	23.4	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





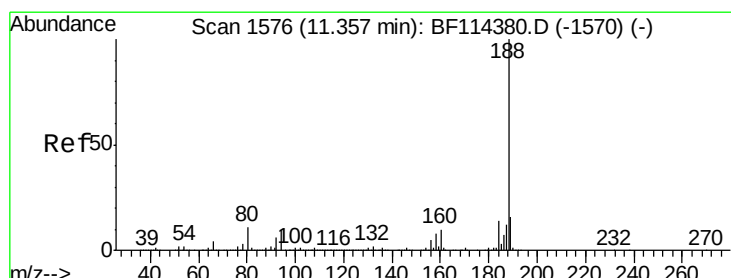
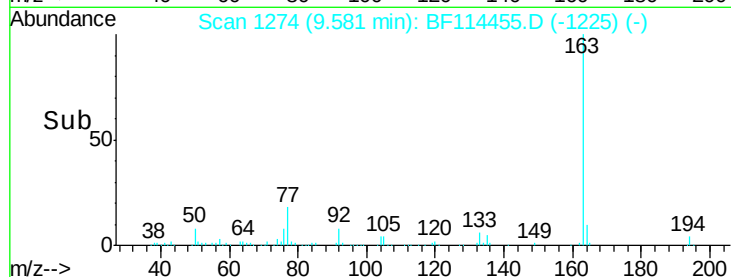
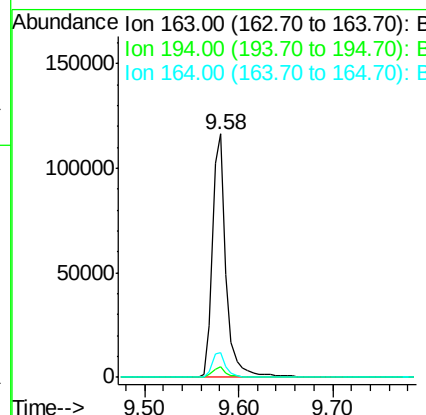
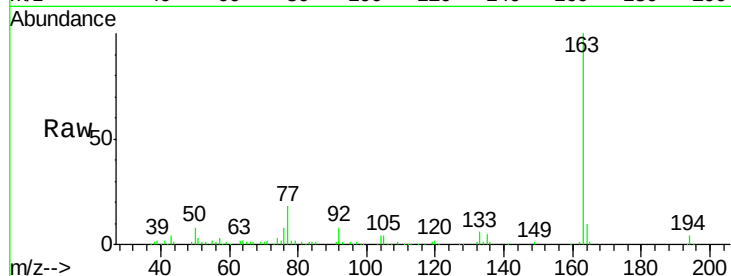
#50
Dimethylphthalate
Concen: 3.752 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF114455.D
Acq: 21 May 2019 14:58

Instrument :
BNA_F
ClientSampleId :
TR-05-051619

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	119055		
194	4.5	3.4	5.0	
164	10.0	8.2	12.2	

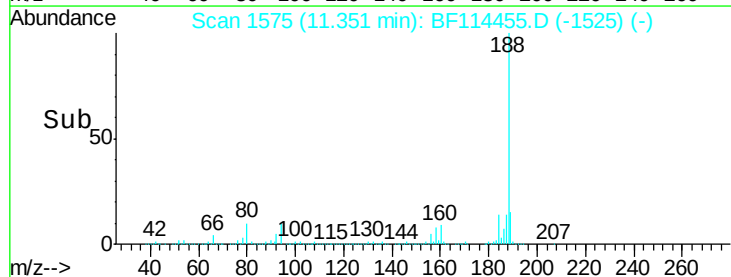
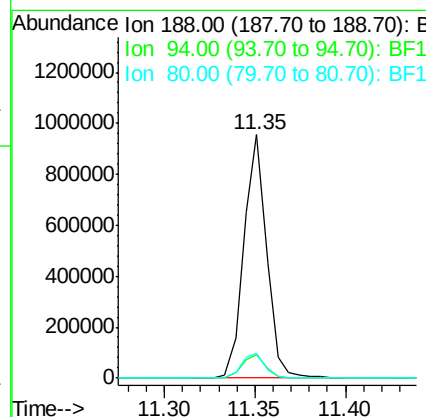
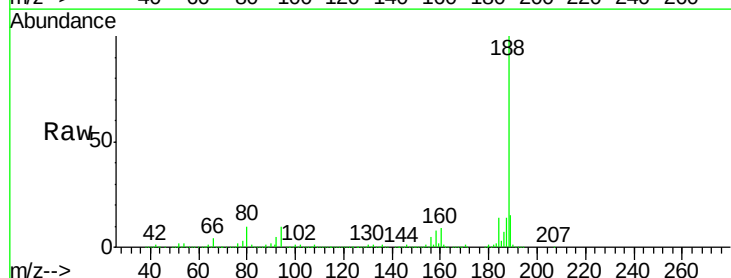
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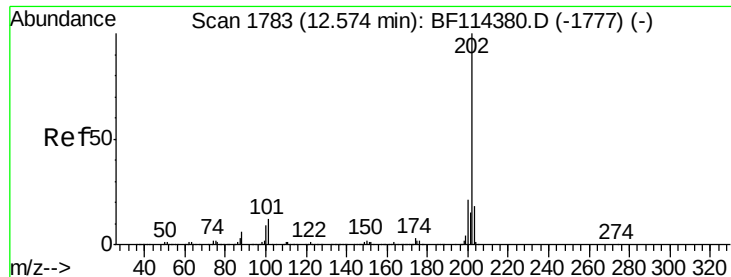
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF114455.D
Acq: 21 May 2019 14:58

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	828449		
94	9.5	8.4	12.6	
80	10.1	9.2	13.8	





#75

Fluoranthene

Concen: 3.387 ng

RT: 12.57 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BF114455.D

Acq: 21 May 2019 14:58

Instrument :

BNA_F

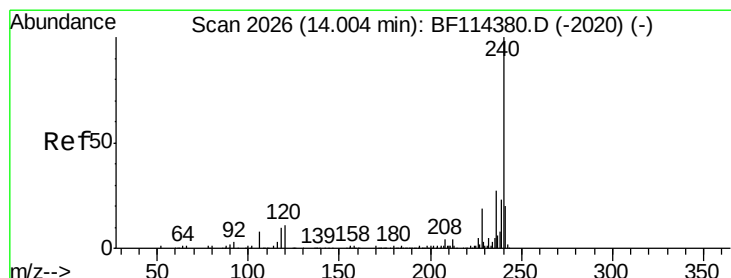
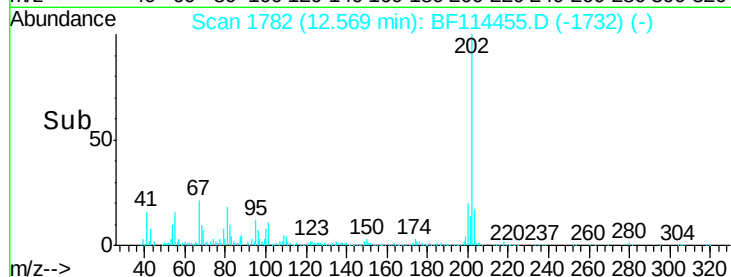
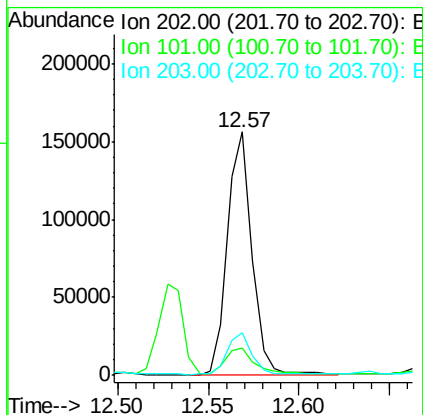
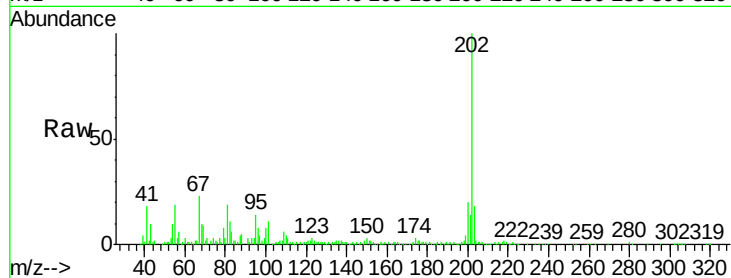
ClientSampleId :

TR-05-051619

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	11.3	0.0	31.0
203	17.7	0.0	38.4

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#76

Chrysene-d12

Concen: 20.000 ng

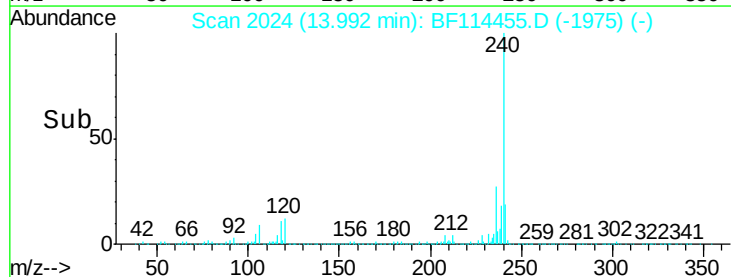
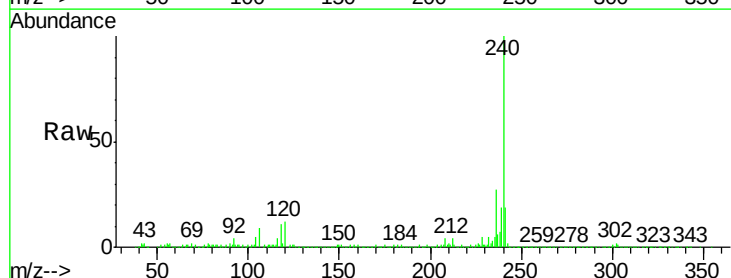
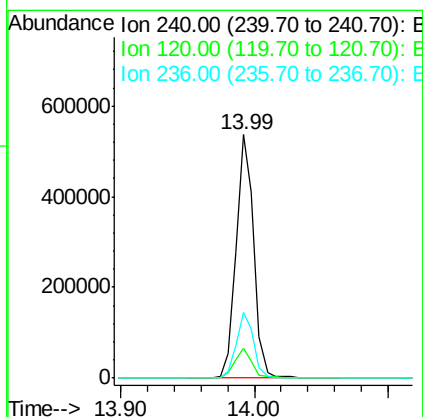
RT: 13.99 min Scan# 2024

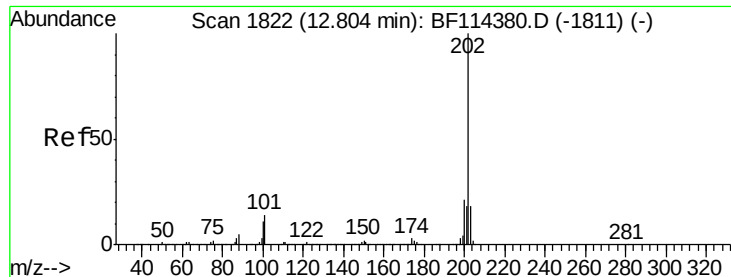
Delta R.T. -0.01 min

Lab File: BF114455.D

Acq: 21 May 2019 14:58

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	12.5	8.3	12.5#
236	26.9	20.8	31.2





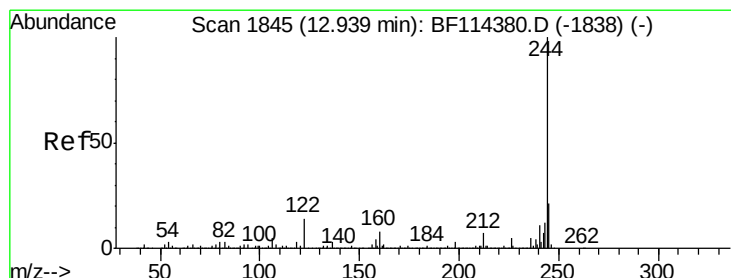
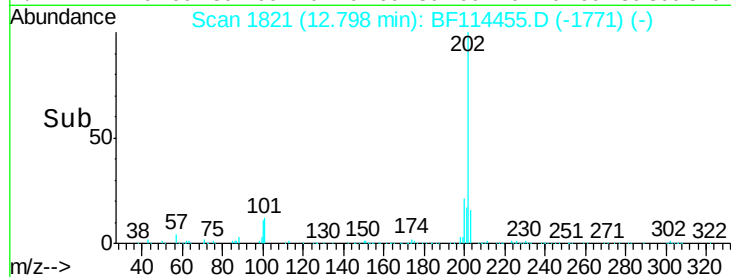
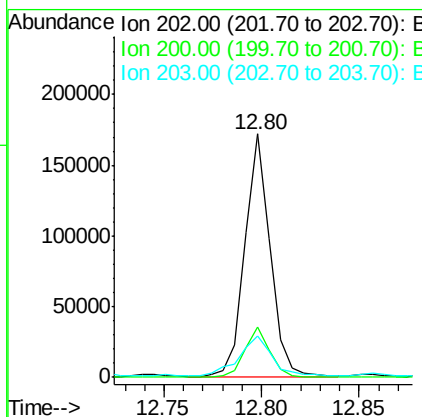
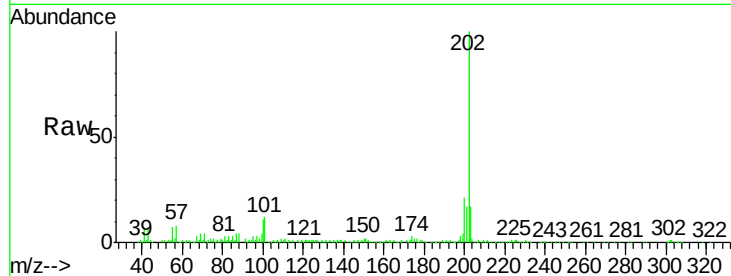
#78
 Pyrene
 Concen: 3.865 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: BF114455.D
 Acq: 21 May 2019 14:58

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-051619

Tgt Ion:	202	Resp:	153630
Ion Ratio	Lower	Upper	
202	100		
200	20.6	16.9	25.3
203	16.9	14.5	21.7

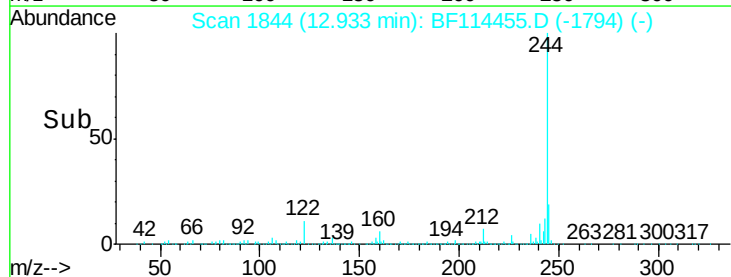
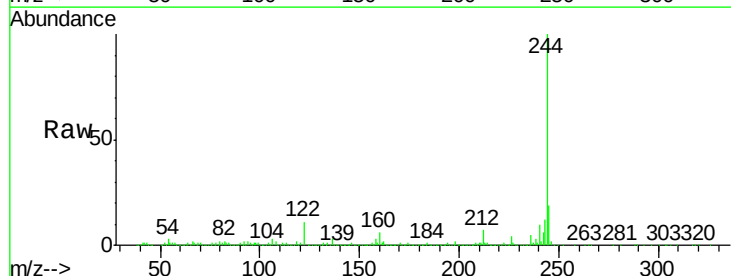
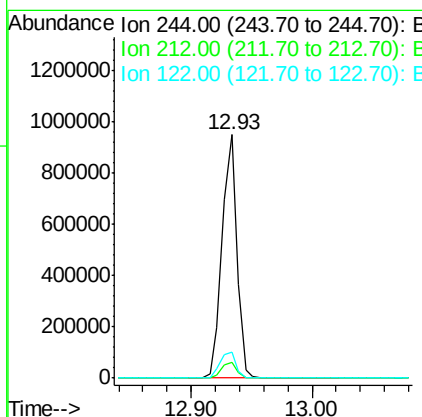
Manual Integrations
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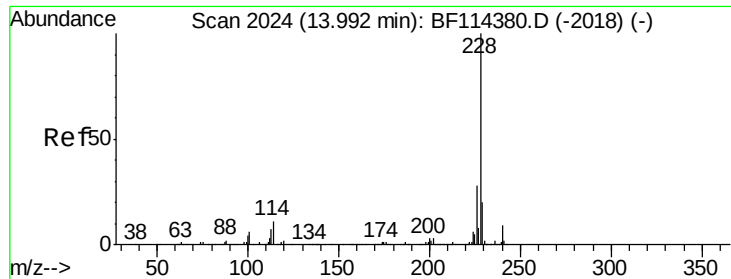
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#79
 Terphenyl-d14
 Concen: 33.691 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.01 min
 Lab File: BF114455.D
 Acq: 21 May 2019 14:58

Tgt Ion:	244	Resp:	807550
Ion Ratio	Lower	Upper	
244	100		
212	6.6	5.8	8.6
122	10.8	9.4	14.2





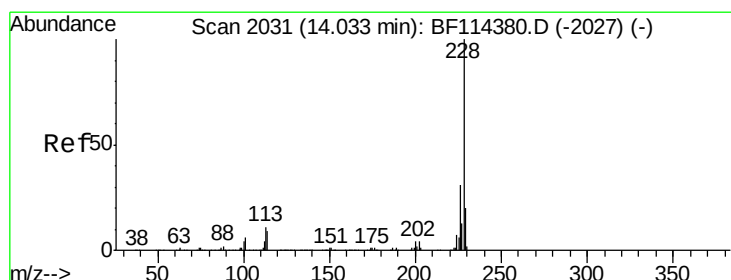
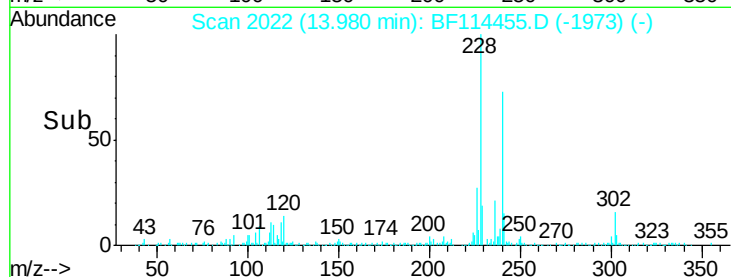
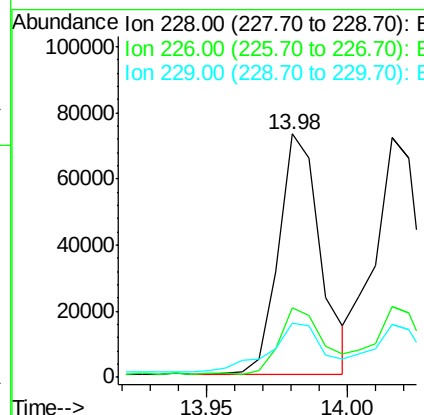
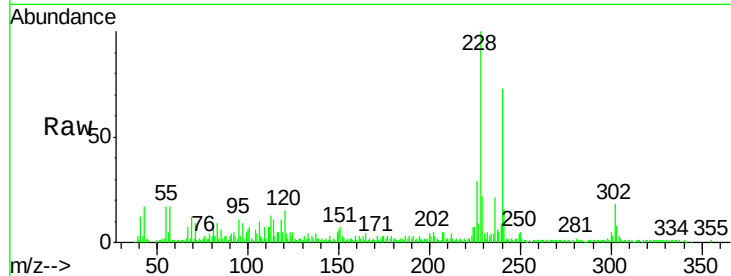
#81
Benzo(a)anthracene
Concen: 2.357 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF114455.D
Acq: 21 May 2019 14:58

Instrument :
BNA_F
ClientSampleId :
TR-05-051619

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	75321		
226	28.8		22.2	33.2
229	22.2		16.4	24.6

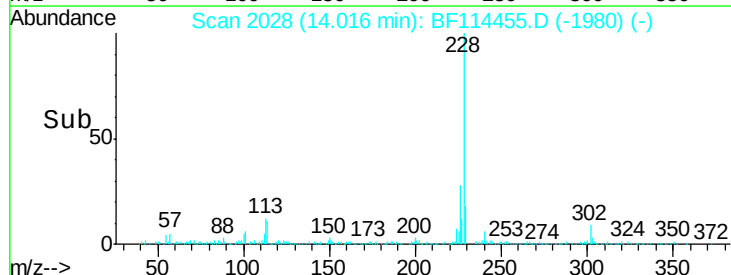
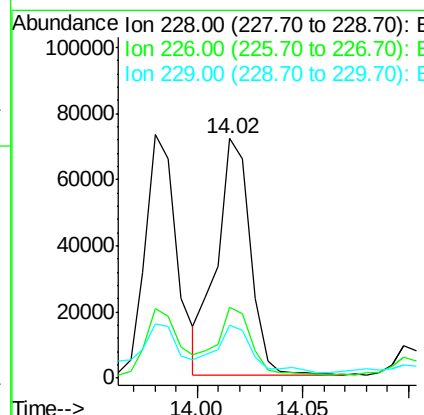
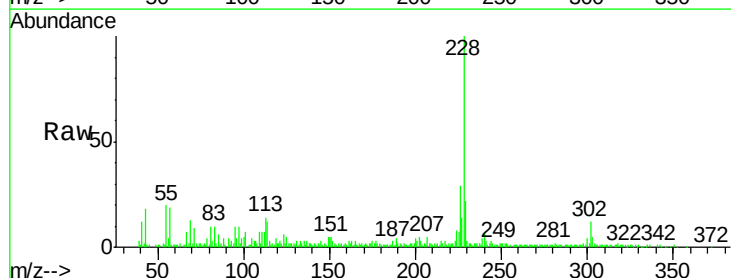
Manual Integrations
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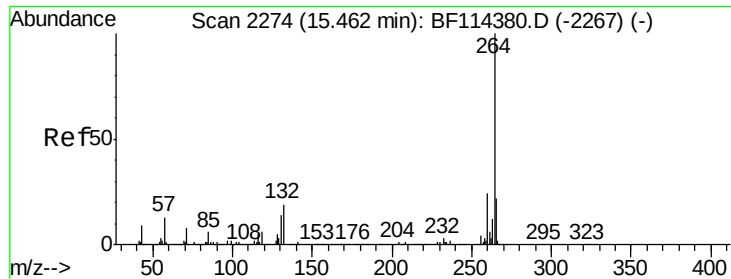
Sohil
5/23/2019 8:15:41 AM



#83
Chrysene
Concen: 2.538 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.02 min
Lab File: BF114455.D
Acq: 21 May 2019 14:58

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	79514		
226	29.5		25.0	37.6
229	22.2		17.0	25.6





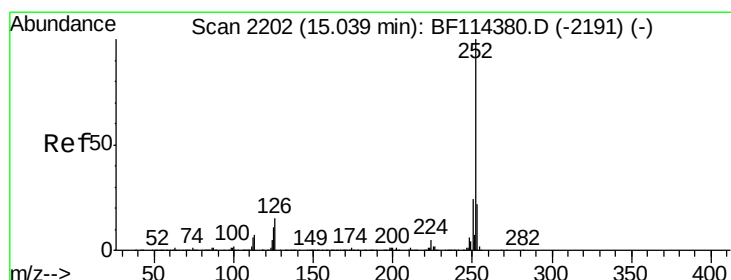
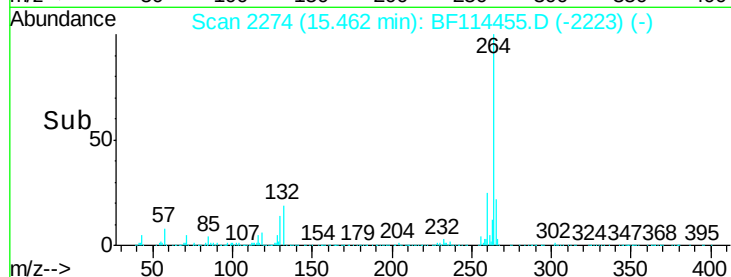
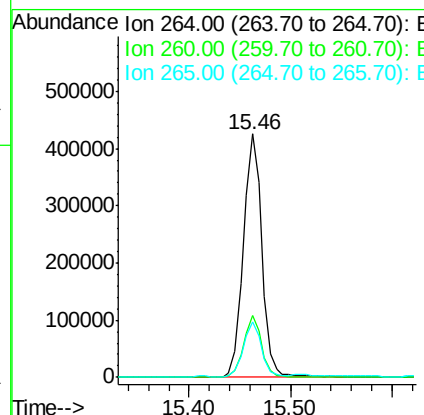
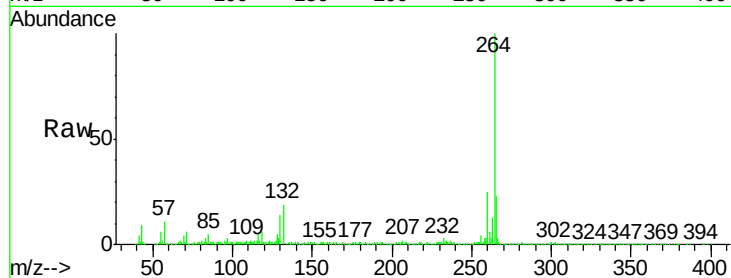
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.00 min
Lab File: BF114455.D
Acq: 21 May 2019 14:58

Instrument :
BNA_F
ClientSampleId :
TR-05-051619

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	535211		
260	25.3	19.4	29.0	
265	22.7	16.9	25.3	

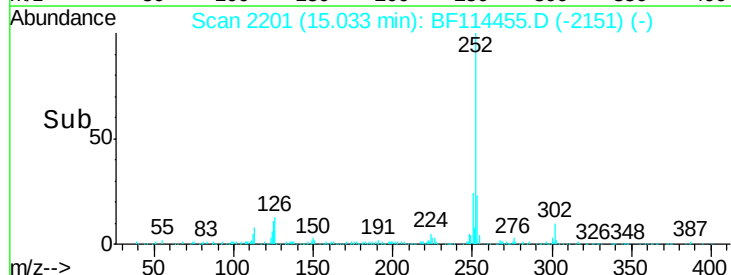
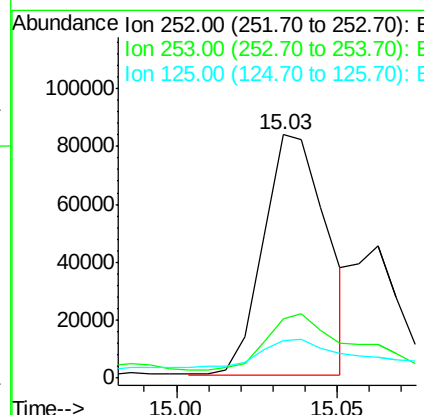
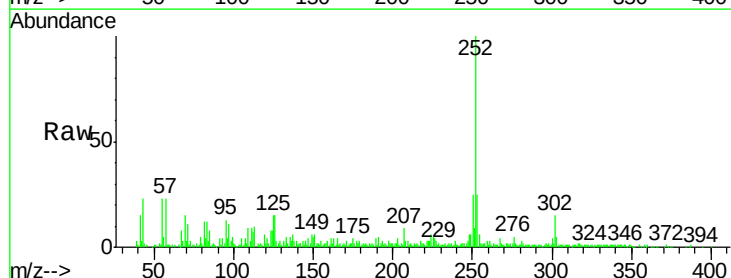
Manual Integrations
APPROVED

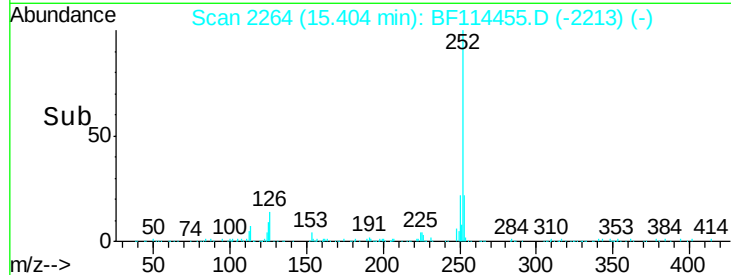
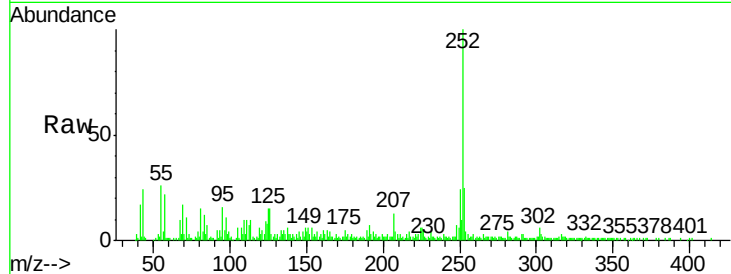
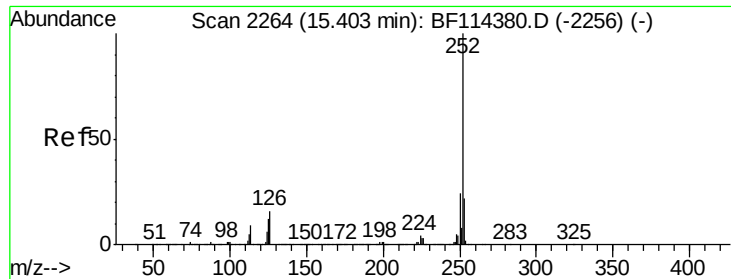
Sohil
5/23/2019 8:15:41 AM



#88
Benzo(b)fluoranthene
Concen: 3.326 ng m
RT: 15.03 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BF114455.D
Acq: 21 May 2019 14:58

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	114039		
253	24.5	17.8	26.8	
125	15.5	8.3	12.5#	





#90

Benzo(a)pyrene

Concen: 2.819 ng

RT: 15.40 min Scan# 2264

Delta R.T. 0.00 min

Lab File: BF114455.D

Acq: 21 May 2019 14:58

Instrument :

BNA_F

ClientSampleId :

TR-05-051619

Tgt Ion:	252	Resp:	85064
Ion Ratio	Lower	Upper	
252	100		
253	25.0	18.1	27.1
125	15.3	9.5	14.3#

Manual Integrations
APPROVED

Sohil
5/23/2019 8:15:41 AM

