

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
 Data File : BF104479.D
 Acq On : 13 Apr 2018 15:34
 Operator : JU/SJ
 Sample : J2364-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-A

Manual Integrations
 APPROVED

Sohil
 4/16/2018 3:10:09 PM

Quant Time: Apr 13 18:01:25 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 13 17:38:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	144569	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	585945	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	269881	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	456622	20.00	ng	0.00
75) Chrysene-d12	13.99	240	288233	20.00	ng	0.00
86) Perylene-d12	15.46	264	268645	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1146312	121.24	ng	0.01
7) Phenol-d6	6.45	99	1416823	121.96	ng	0.00
23) Nitrobenzene-d5	7.38	82	918178	102.32	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	358490	128.05	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1321975	77.38	ng	0.00
78) Terphenyl-d14	12.93	244	1086949	85.97	ng	0.00
Target Compounds						
10) Phenol	6.46	94	53267	4.322	ng	81
49) Dimethylphthalate	9.56	163	277906	13.058	ng	100
74) Fluoranthene	12.55	202	100928	3.799	ng	98
77) Pyrene	12.78	202	78582	3.678	ng	98
80) Benzo(a)anthracene	13.97	228	39350	2.285	ng	100
82) Chrysene	14.01	228	44996	2.544	ng	98
87) Benzo(b)fluoranthene	15.02	252	45342m	2.672	ng	

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

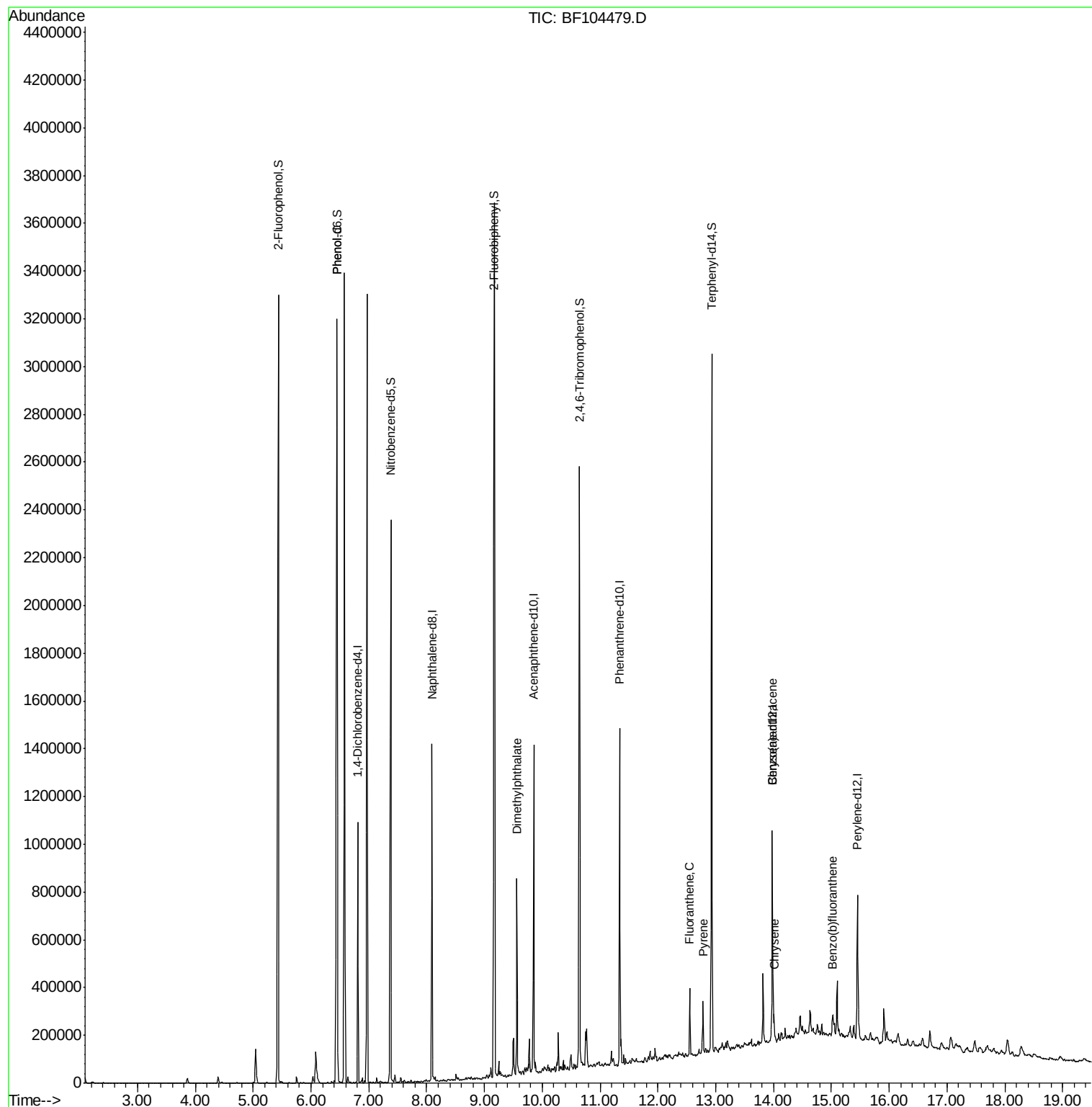
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
Data File : BF104479.D
Acq On : 13 Apr 2018 15:34
Operator : JU/SJ
Sample : J2364-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

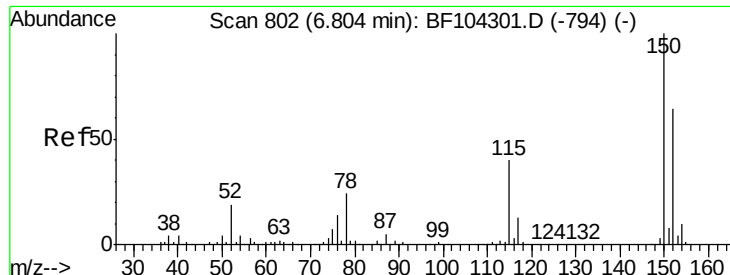
Instrument :
BNA_F
ClientSampleId :
SP-A

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Quant Time: Apr 13 18:01:25 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 13 17:38:31 2018
Response via : Initial Calibration





#1

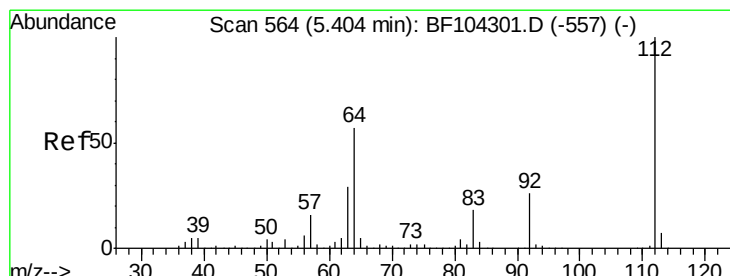
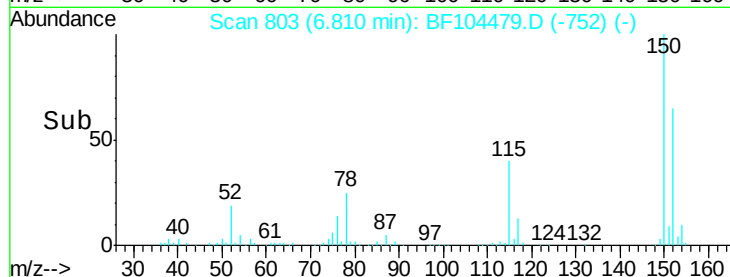
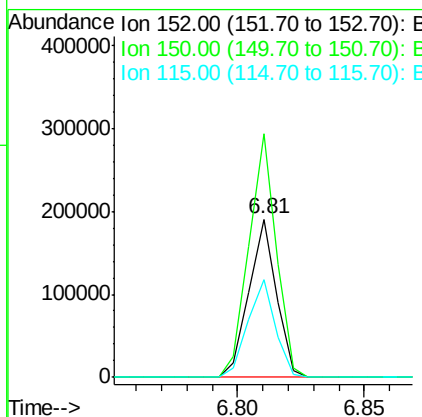
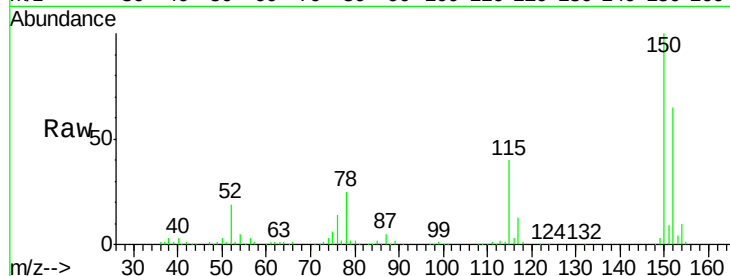
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF104479.D
Acq: 13 Apr 2018 15:34

Instrument :
BNA_F
ClientSampled :
SP-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	124.6	186.8
115	62.0	50.1	75.1

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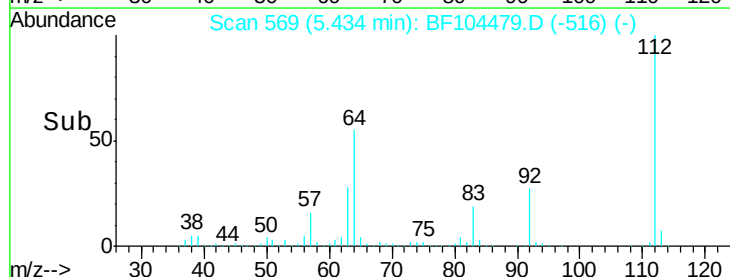
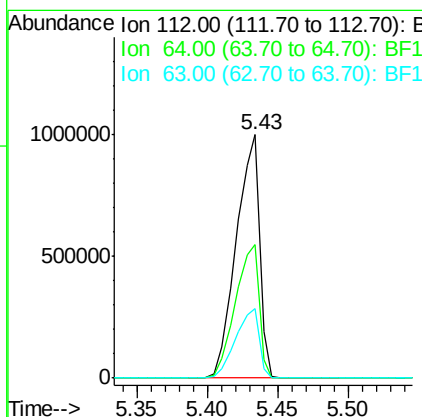
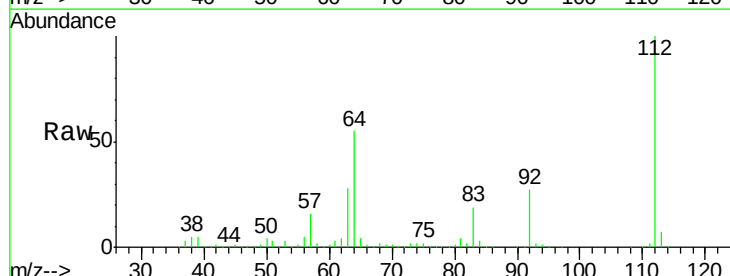
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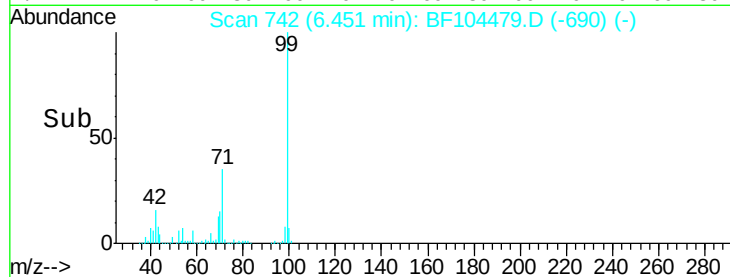
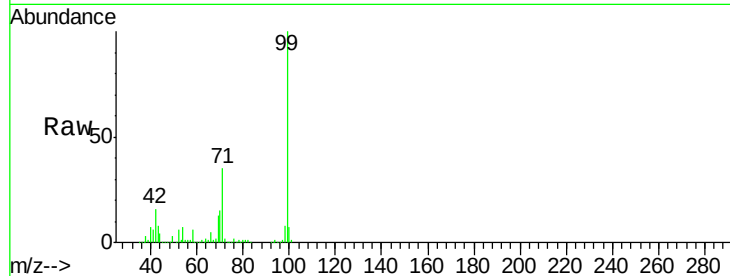
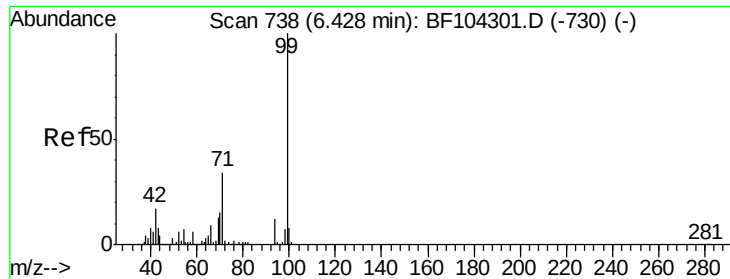


#5

2-Fluorophenol
Concen: 121.241 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF104479.D
Acq: 13 Apr 2018 15:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.8	47.9	71.9
63	28.4	23.7	35.5





#7

Phenol-d6

Concen: 121.963 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF104479.D

Acq: 13 Apr 2018 15:34

Tot Ion: 99 Resp: 1416823

Ion Ratio Lower Upper

99 100

42 16.5 14.5 21.7

71 34.9 25.4 38.0

Instrument :

BNA_F

ClientSampled :

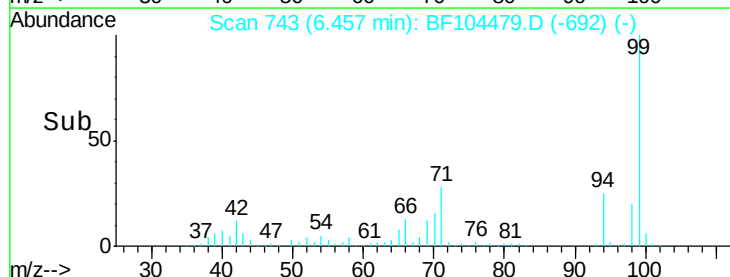
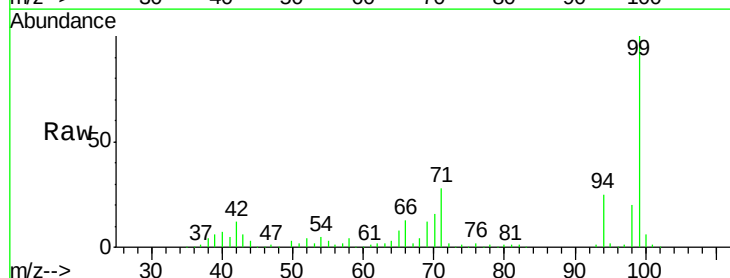
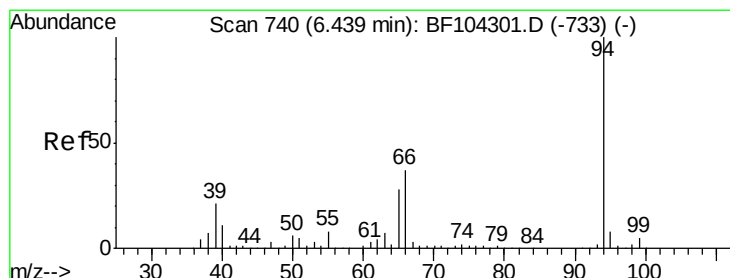
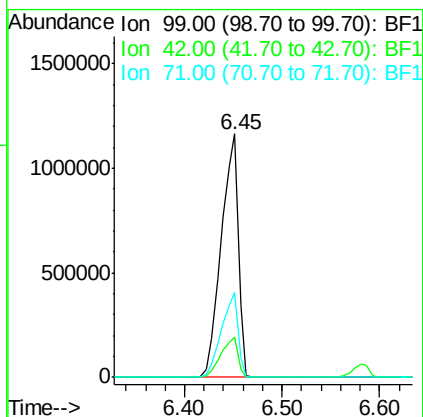
SP-A

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#10

Phenol

Concen: 4.322 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF104479.D

Acq: 13 Apr 2018 15:34

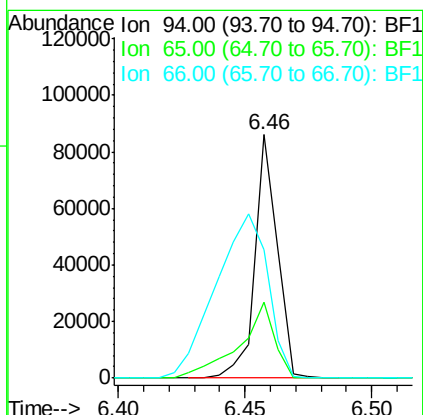
Tgt Ion: 94 Resp: 53267

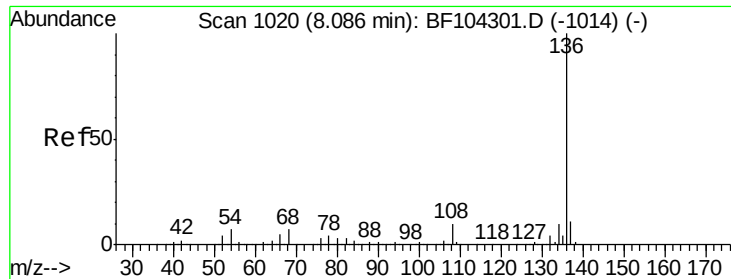
Ion Ratio Lower Upper

94 100

65 31.4 7.9 47.9

66 52.6 16.2 56.2





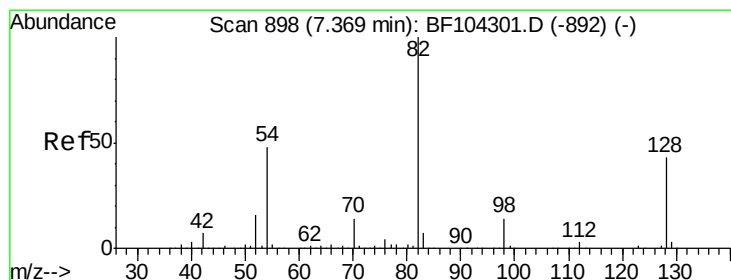
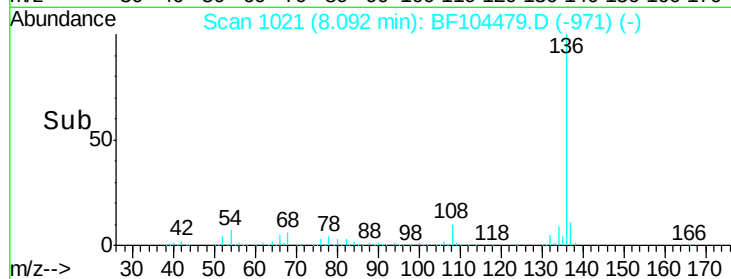
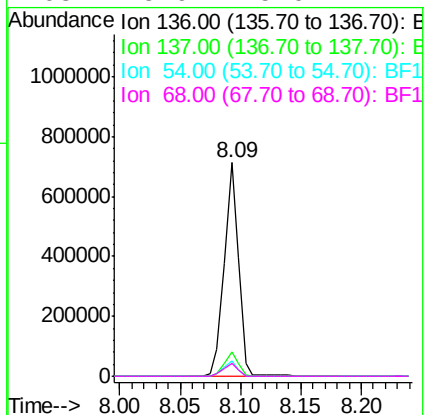
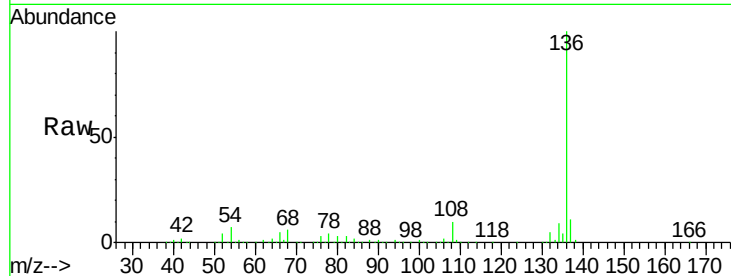
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF104479.D
Acq: 13 Apr 2018 15:34

Instrument :
BNA_F
ClientSampled :
SP-A

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		585945		
137	11.3		8.9	13.3	
54	7.1		6.6	9.8	
68	5.9		5.0	7.4	

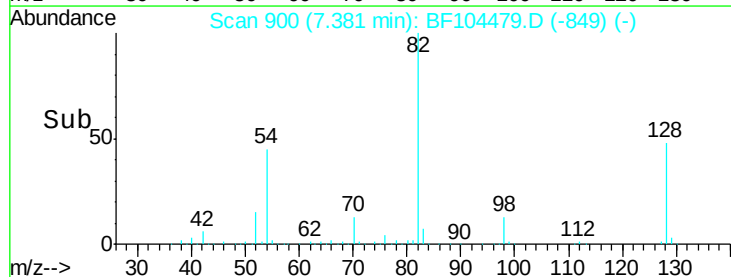
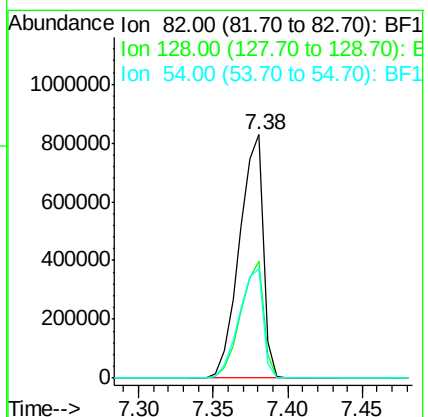
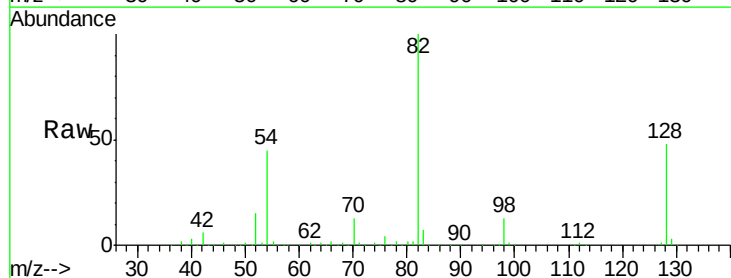
Manual Integrations
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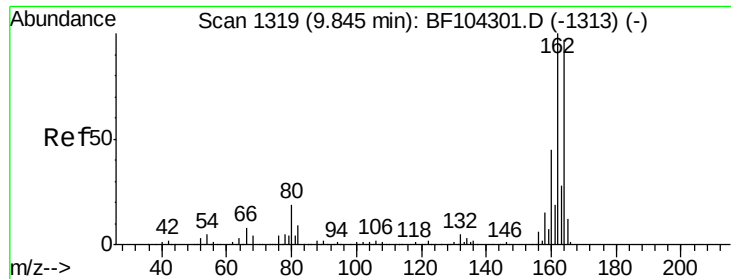
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#23
Nitrobenzene-d5
Concen: 102.322 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF104479.D
Acq: 13 Apr 2018 15:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		918178		
128	47.8		36.1	54.1	
54	44.7		41.4	62.2	





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF104479.D

Acq: 13 Apr 2018 15:34

Instrument :

BNA_F

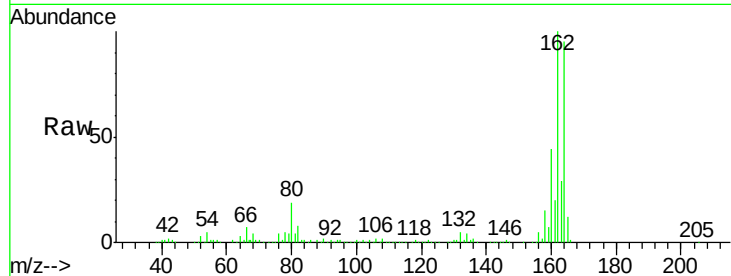
ClientSampled :

SP-A

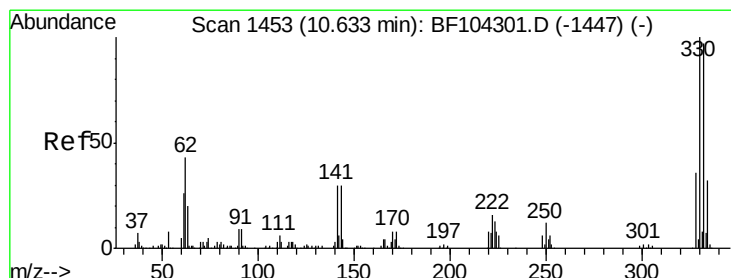
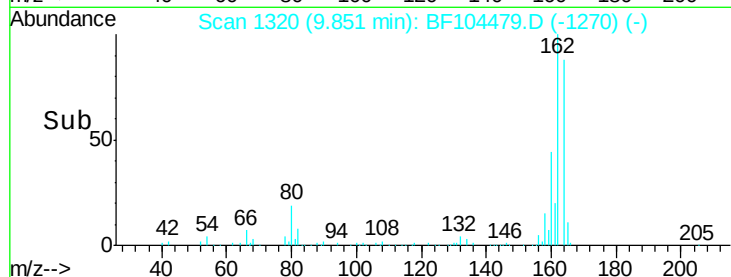
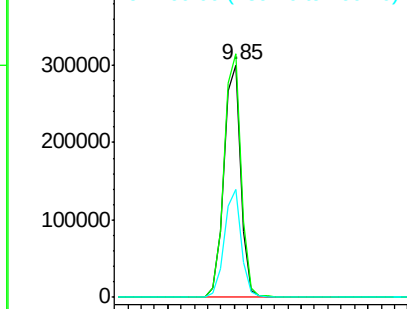
Tot Ion:	164	Resp:	269881
Ion Ratio	Lower	Upper	
164	100		
162	104.9	86.1	129.1
160	46.2	38.3	57.5

Manual Integrations
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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



#41

2,4,6-Tribromophenol

Concen: 128.053 ng

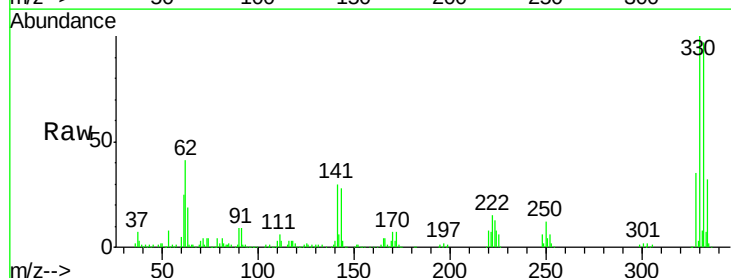
RT: 10.65 min Scan# 1455

Delta R.T. 0.00 min

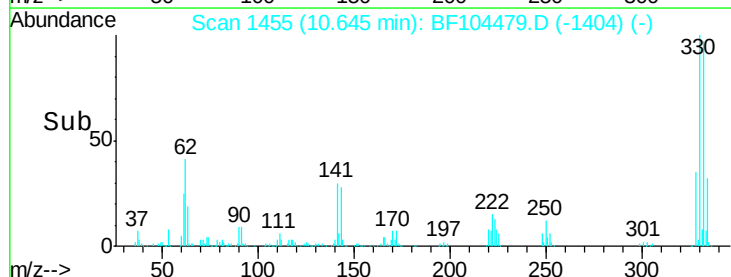
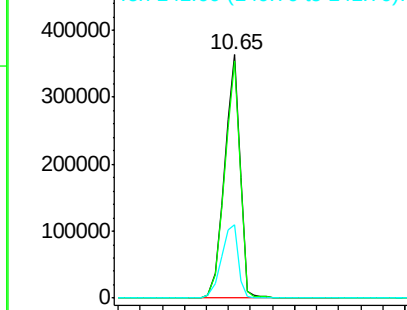
Lab File: BF104479.D

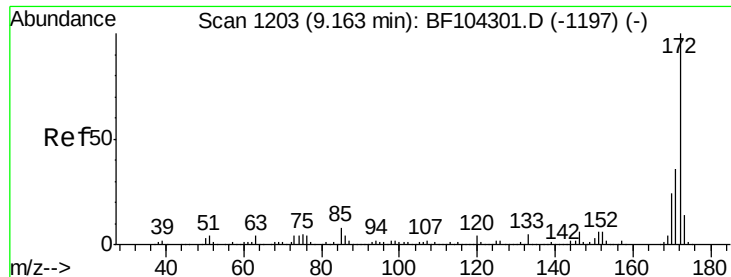
Acq: 13 Apr 2018 15:34

Tgt Ion:	330	Resp:	358490
Ion Ratio	Lower	Upper	
330	100		
332	96.9	77.0	115.6
141	33.1	29.9	44.9



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





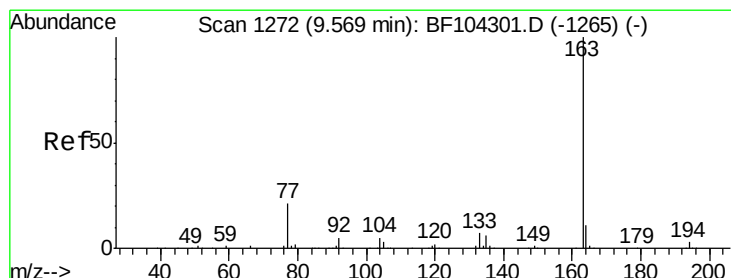
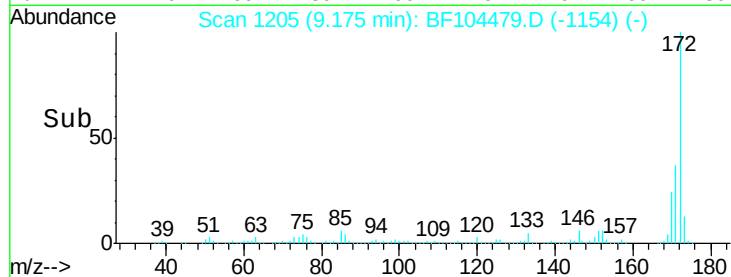
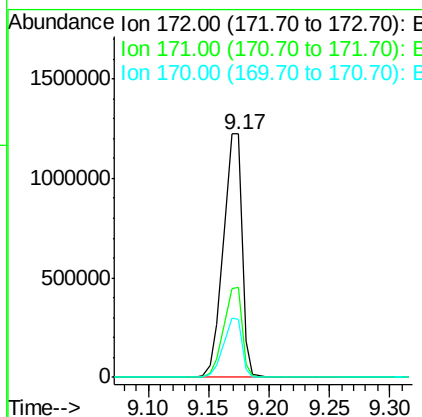
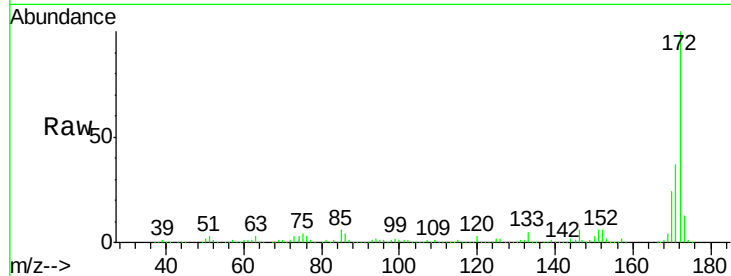
#44
2-Fluorobiphenyl
Concen: 77.382 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF104479.D
Acq: 13 Apr 2018 15:34

Instrument :
BNA_F
ClientSampled :
SP-A

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.0	19.6	29.4

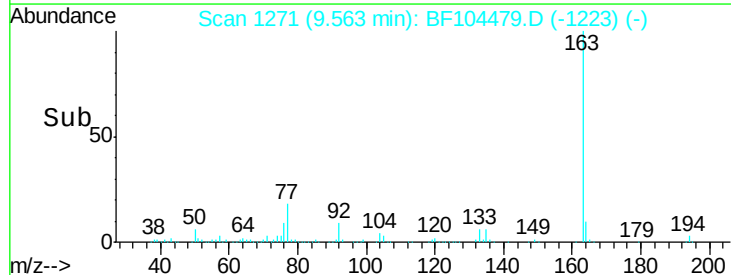
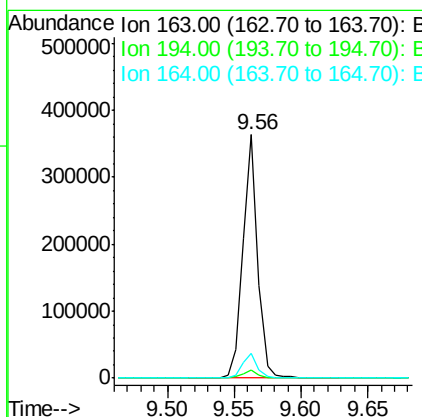
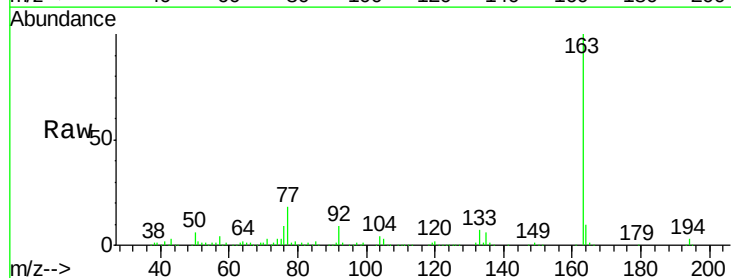
Manual Integrations
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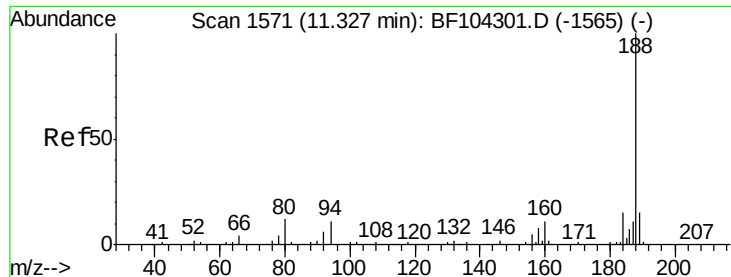
Sohil
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#49
Dimethylphthalate
Concen: 13.058 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF104479.D
Acq: 13 Apr 2018 15:34

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.3	8.2	12.2





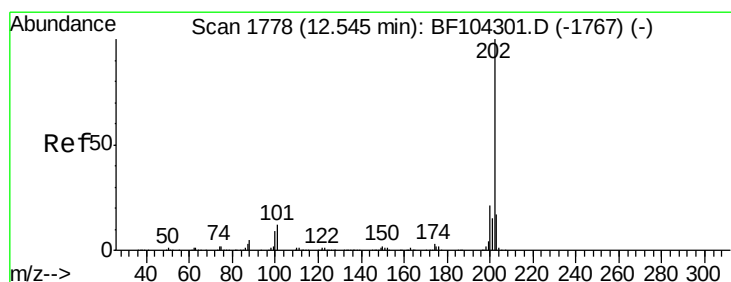
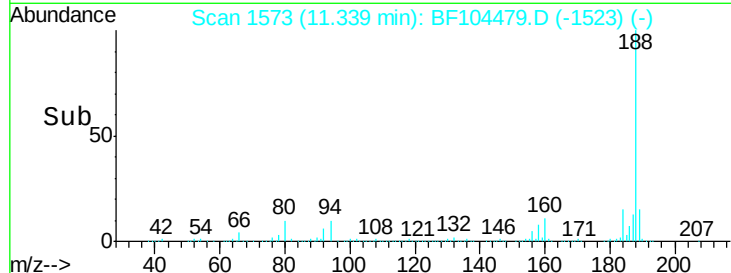
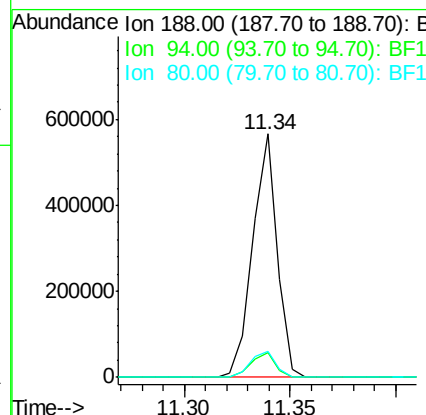
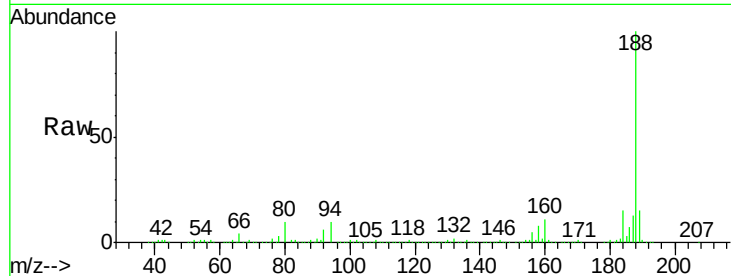
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF104479.D
Acq: 13 Apr 2018 15:34

Instrument :
BNA_F
ClientSampled :
SP-A

Tot Ion	Ratio	Resp	Lower	Upper
188	100	456622		
94	9.9	8.5	12.7	
80	10.4	9.2	13.8	

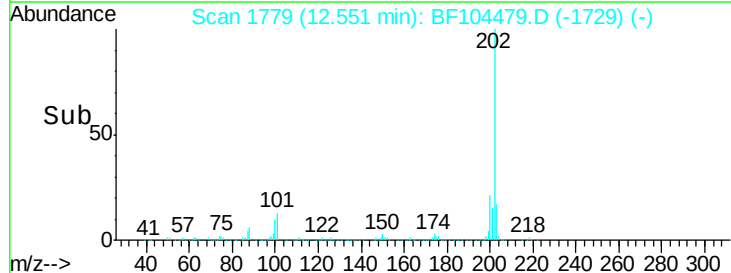
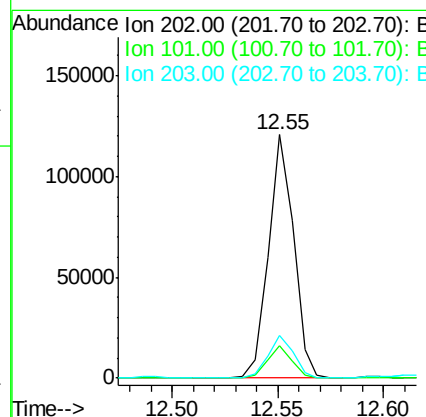
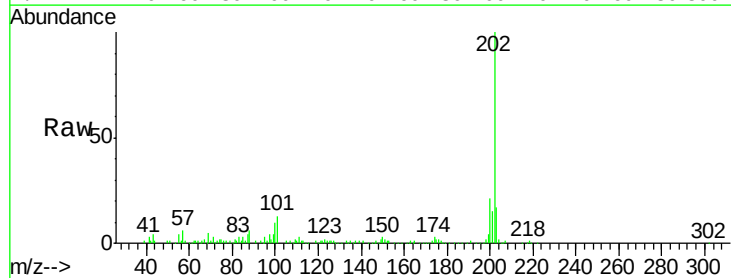
Manual Integrations
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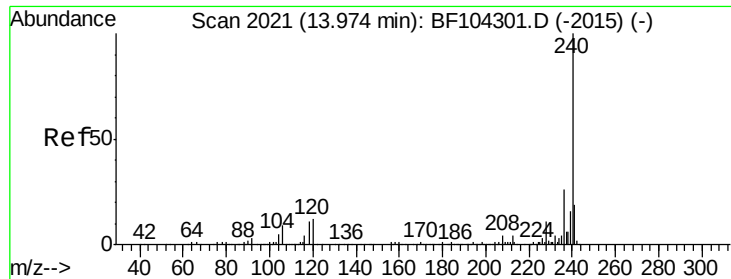
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#74
Fluoranthene
Concen: 3.799 ng
RT: 12.55 min Scan# 1779
Delta R.T. -0.01 min
Lab File: BF104479.D
Acq: 13 Apr 2018 15:34

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	100928		
101	13.1	0.0	34.1	
203	17.4	0.0	38.1	





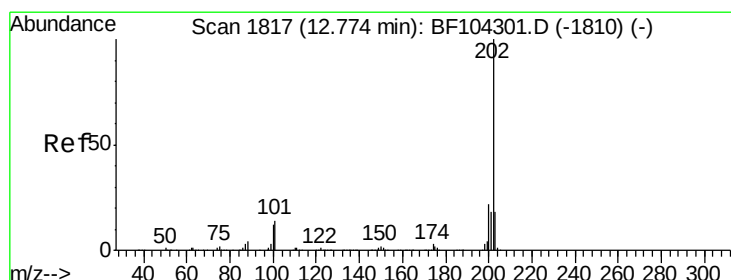
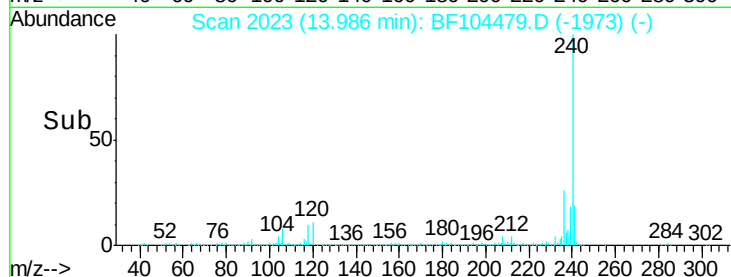
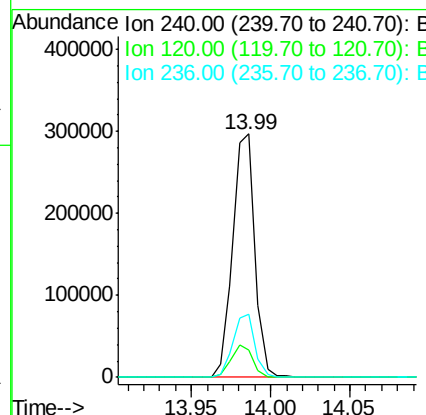
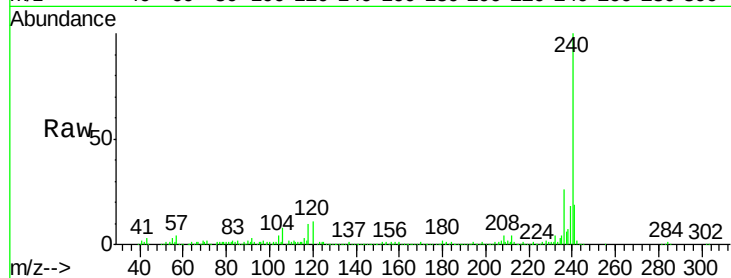
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF104479.D
Acq: 13 Apr 2018 15:34

Instrument :
BNA_F
ClientSampleId :
SP-A

Tot Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	11.2	9.5	14.3
236	26.0	20.7	31.1

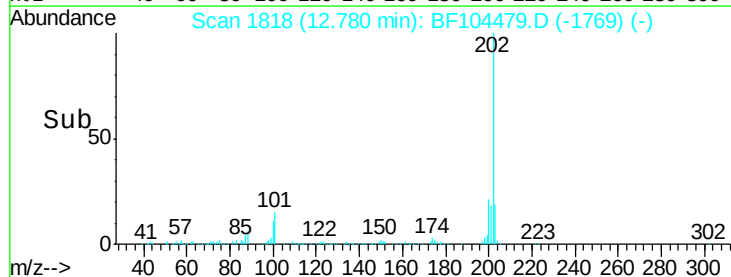
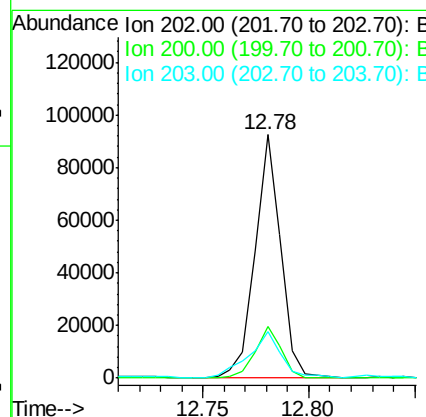
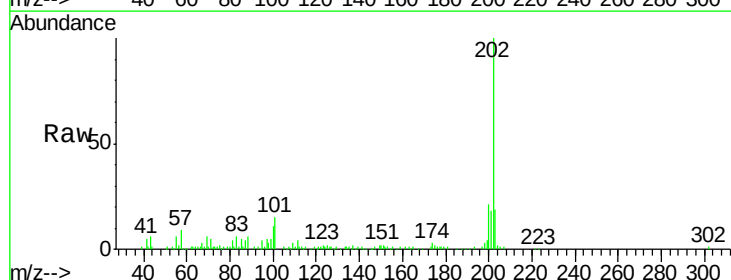
Manual Integrations
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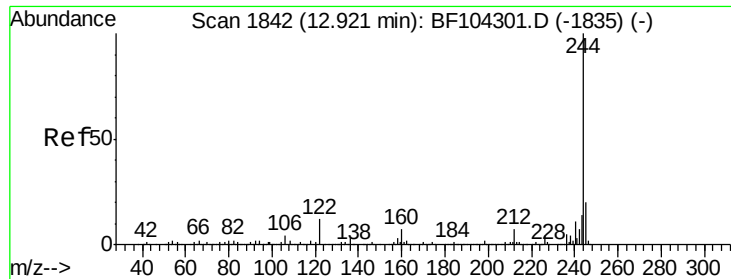
Sohil
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#77
Pyrene
Concen: 3.678 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF104479.D
Acq: 13 Apr 2018 15:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.2	17.4	26.2
203	19.3	14.3	21.5





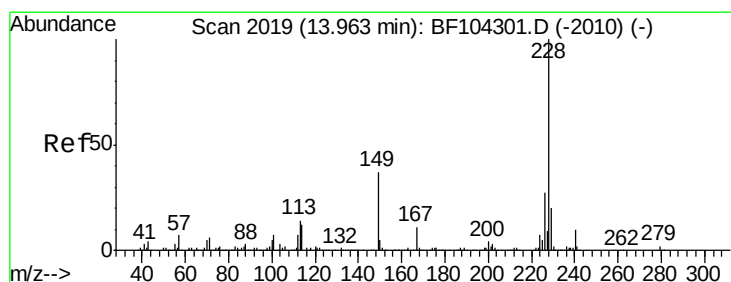
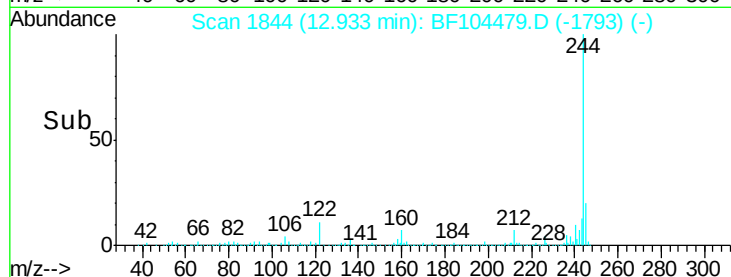
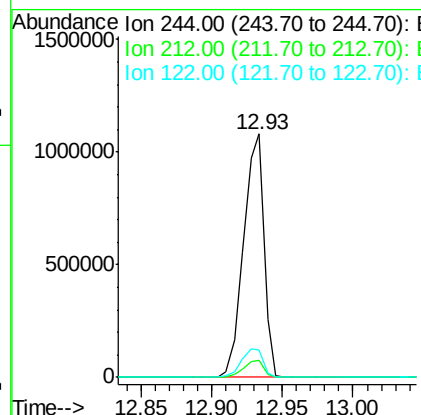
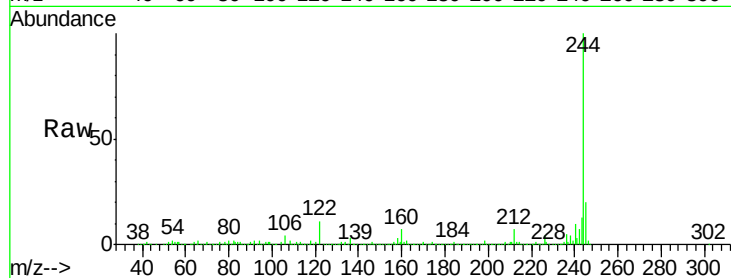
#78
 Terphenyl-d14
 Concen: 85.974 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. 0.00 min
 Lab File: BF104479.D
 Acq: 13 Apr 2018 15:34

Instrument :
 BNA_F
 ClientSampled :
 SP-A

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	11.1	11.0	16.4

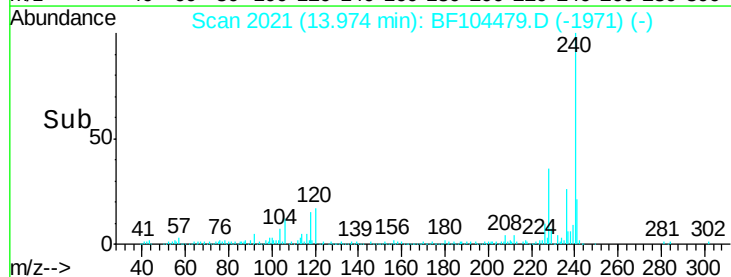
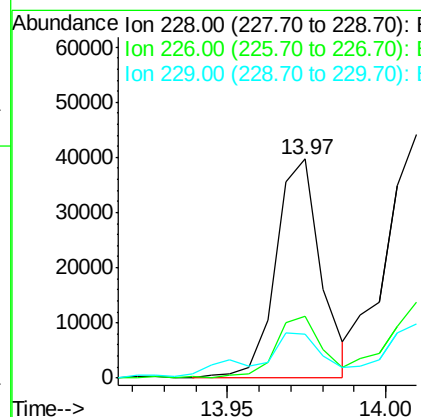
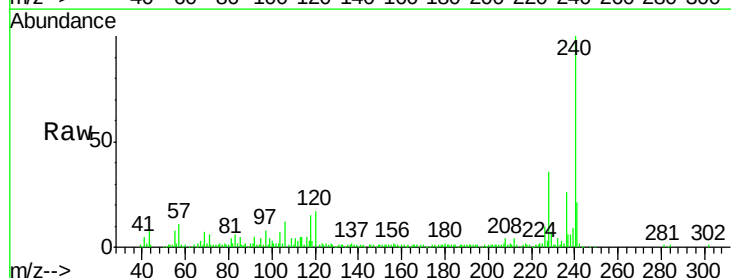
Manual Integrations
 APPROVED

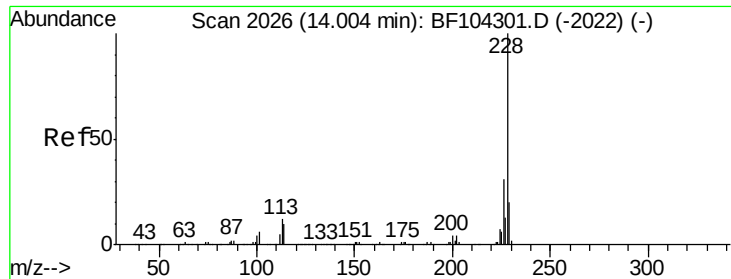
Sohil
 4/16/2018 3:10:09 PM



#80
 Benzo(a)anthracene
 Concen: 2.285 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF104479.D
 Acq: 13 Apr 2018 15:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	19.9	15.8	23.6





#82

Chrysene

Concen: 2.544 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF104479.D

Acq: 13 Apr 2018 15:34

Instrument :

BNA_F

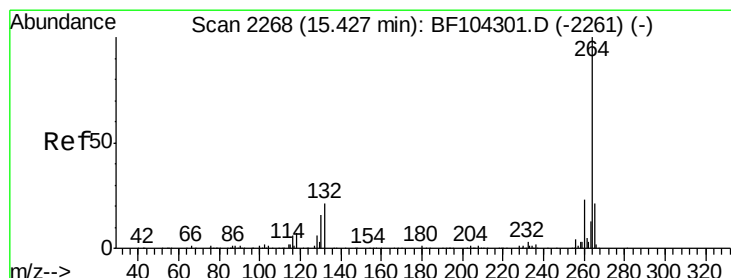
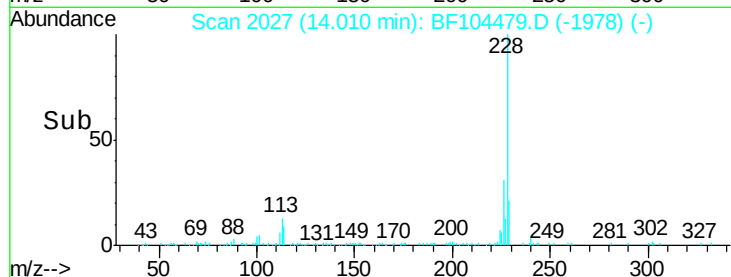
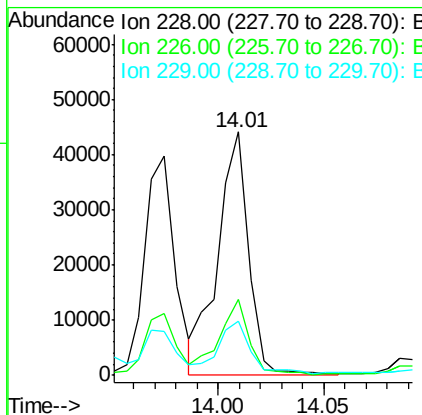
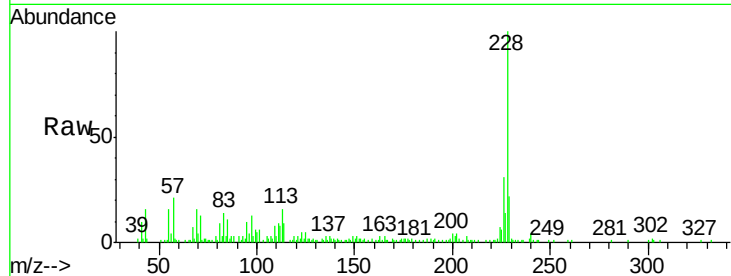
ClientSampled :

SP-A

Tot Ion:	228	Resp:	44996
Ion Ratio	Lower	Upper	
228	100		
226	31.1	25.0	37.6
229	22.5	16.2	24.4

Manual Integrations
APPROVED

Sohil
4/16/2018 3:10:09 PM



#86

Perylene-d12

Concen: 20.000 ng

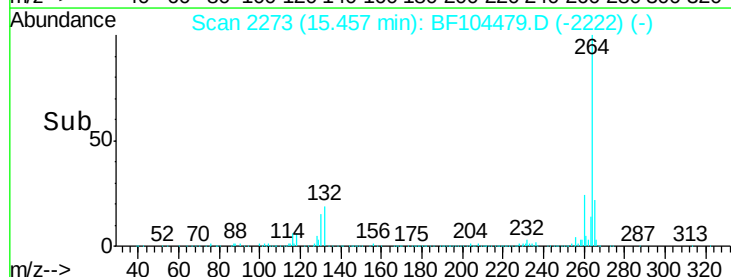
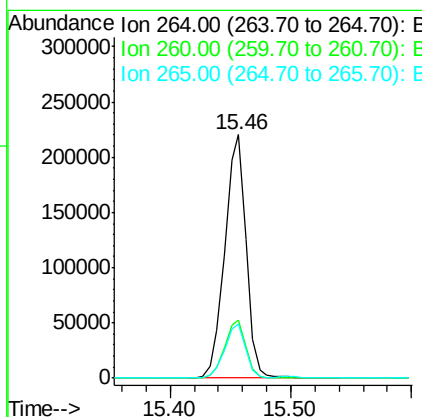
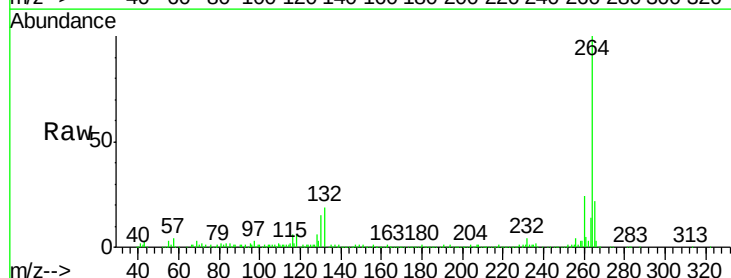
RT: 15.46 min Scan# 2273

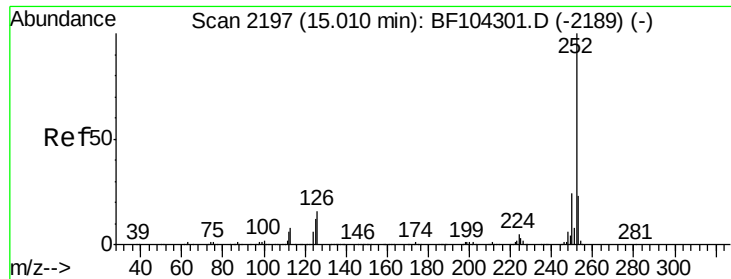
Delta R.T. 0.00 min

Lab File: BF104479.D

Acq: 13 Apr 2018 15:34

Tgt Ion:	264	Resp:	268645
Ion Ratio	Lower	Upper	
264	100		
260	24.0	19.2	28.8
265	22.0	17.5	26.3





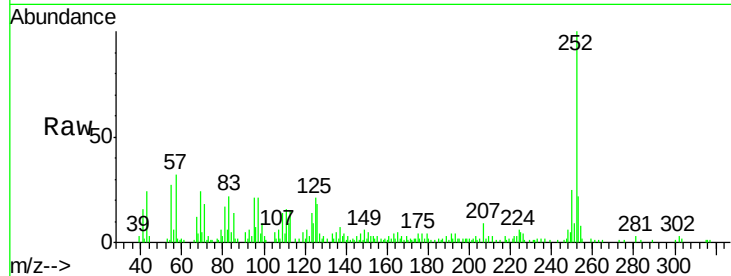
#87
 Benzo(b)fluoranthene
 Concen: 2.672 ng/ml
 RT: 15.02 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BF104479.D
 Acq: 13 Apr 2018 15:34

Instrument :
 BNA_F
 ClientSampleId :
 SP-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.6
125	20.9	9.0	13.6

Manual Integrations
 APPROVED

Sohil
 4/16/2018 3:10:09 PM



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

