

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012819\
 Data File : BF112277.D
 Acq On : 28 Jan 2019 16:25
 Operator : JU/SJ
 Sample : K1261-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-C05

Manual Integrations
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mohammad
 1/29/2019 9:35:11 AM

Quant Time: Jan 28 16:59:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	229549	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	902845	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	451520	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	900546	20.00	ng	0.00
76) Chrysene-d12	14.00	240	693238	20.00	ng	0.00
87) Perylene-d12	15.47	264	532421	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1662232	153.81	ng	0.00
7) Phenol-d6	6.49	99	2135005	142.17	ng	0.00
23) Nitrobenzene-d5	7.40	82	1384330	88.35	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	714747	136.00	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2539418	79.54	ng	0.00
79) Terphenyl-d14	12.95	244	2711750	73.68	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	184424	5.257	ng	99
75) Fluoranthene	12.57	202	205583	4.094	ng	96
78) Pyrene	12.80	202	187107	3.898	ng	97
81) Benzo(a)anthracene	13.99	228	88124	2.162	ng	99
88) Benzo(b)fluoranthene	15.04	252	73584m	2.311	ng	

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

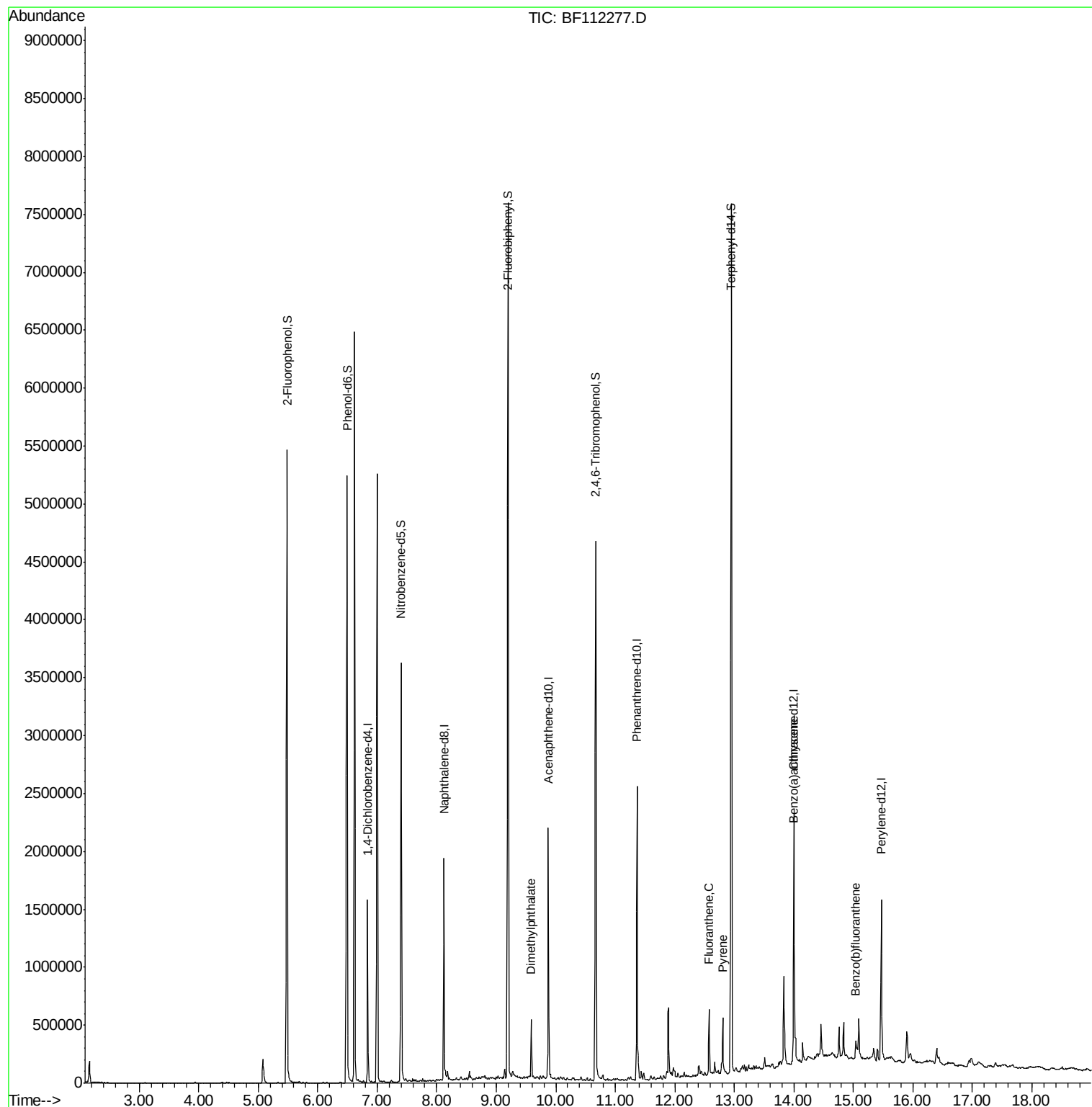
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012819\
Data File : BF112277.D
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Sample : K1261-03
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ALS Vial : 16 Sample Multiplier: 1

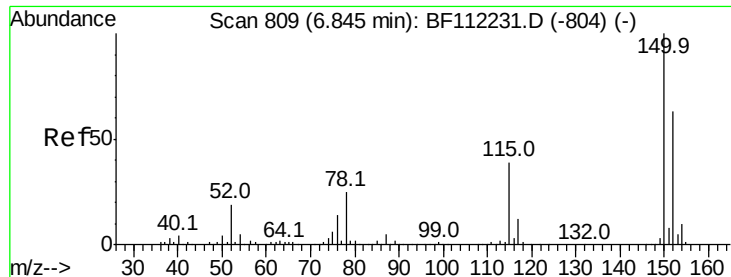
Instrument :
BNA_F
ClientSampleId :
MH-C05

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#1

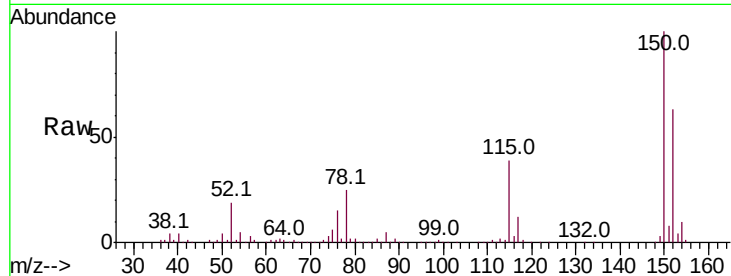
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF112277.D
Acq: 28 Jan 2019 16:25

Instrument :
BNA_F
ClientSampleId :
MH-C05

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	127.4	191.0
115	61.0	45.5	68.3

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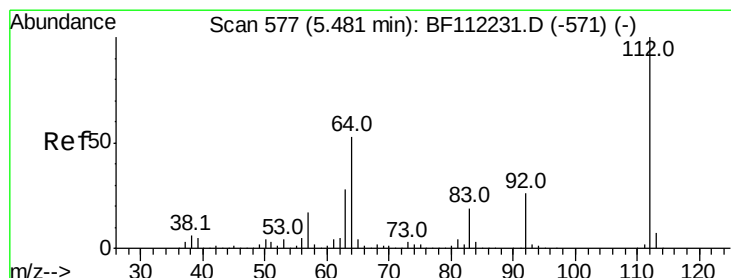
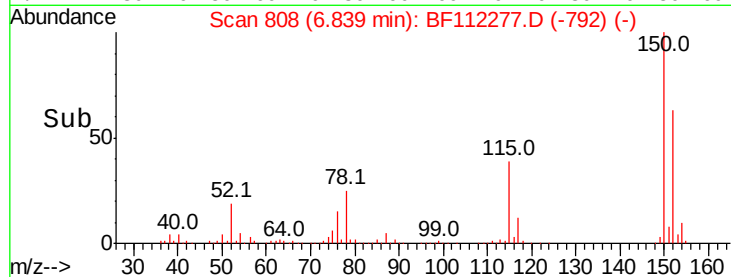
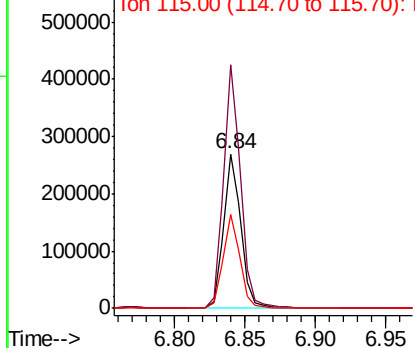


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

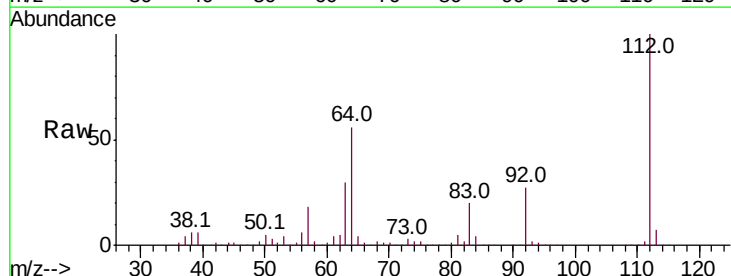
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 153.810 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF112277.D
Acq: 28 Jan 2019 16:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.4	45.7	68.5
63	30.4	23.6	35.4

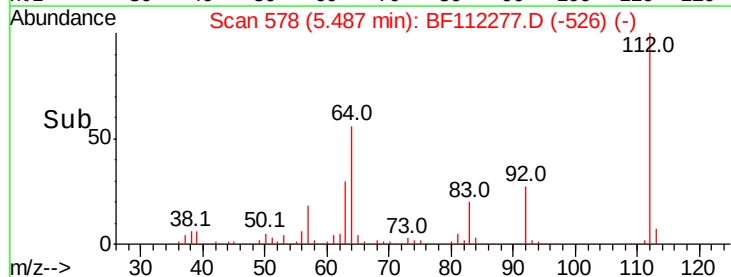
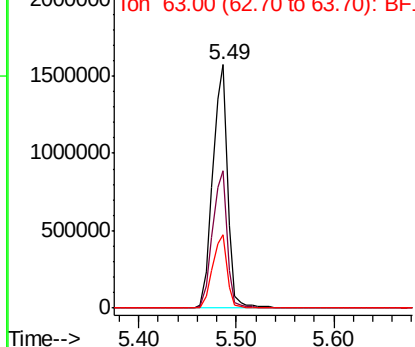


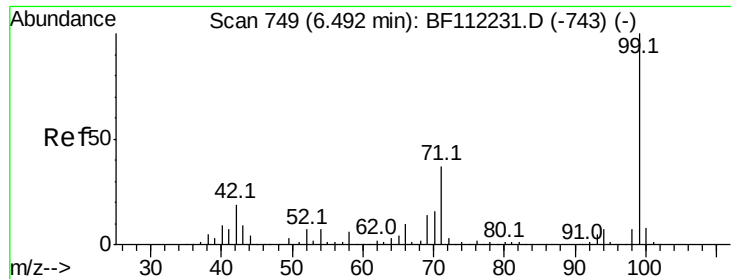
Abundance

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: 142.173 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF112277.D

Acq: 28 Jan 2019 16:25

Instrument :

BNA_F

ClientSampleId :

MH-C05

Tot Ion: 99 Resp: 2135005

Ion Ratio Lower Upper

99 100

42 19.5 15.1 22.7

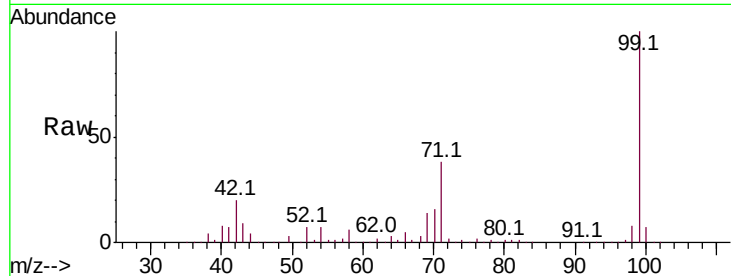
71 37.6 26.9 40.3

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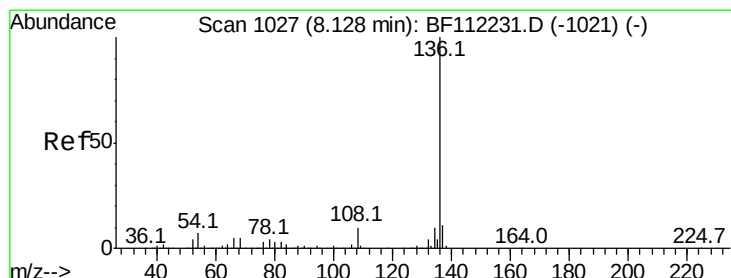
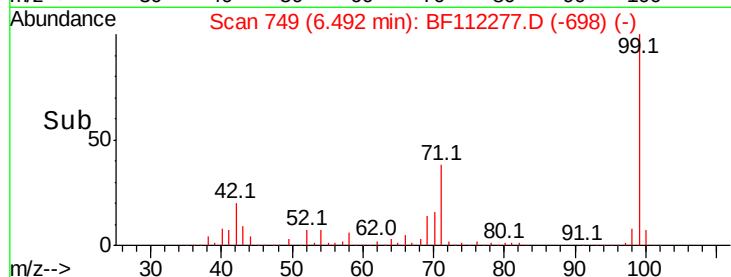
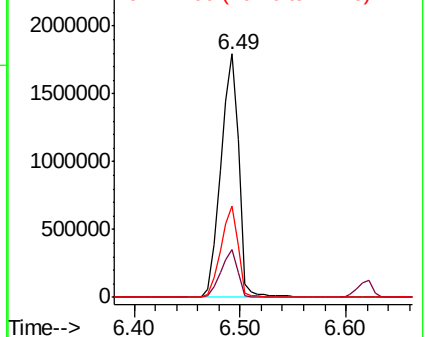
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF112277.D

Acq: 28 Jan 2019 16:25

Tgt Ion: 136 Resp: 902845

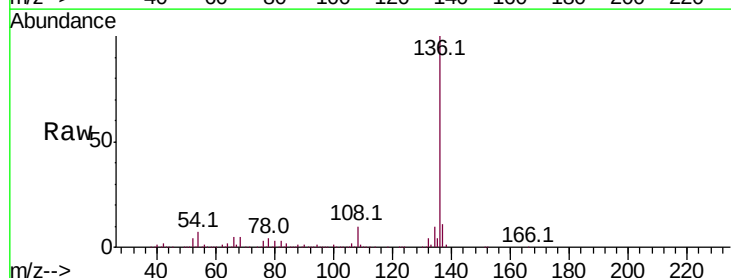
Ion Ratio Lower Upper

136 100

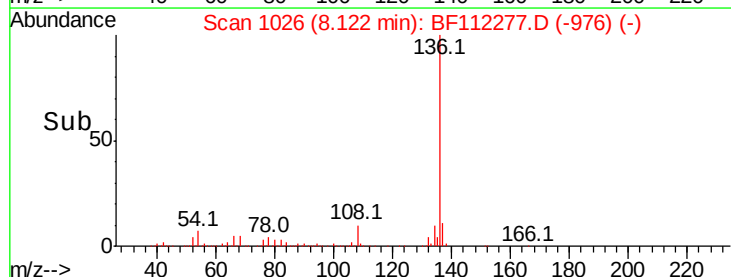
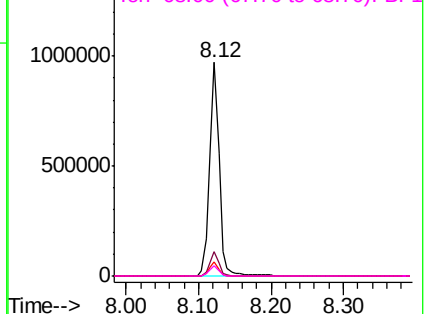
137 11.4 9.1 13.7

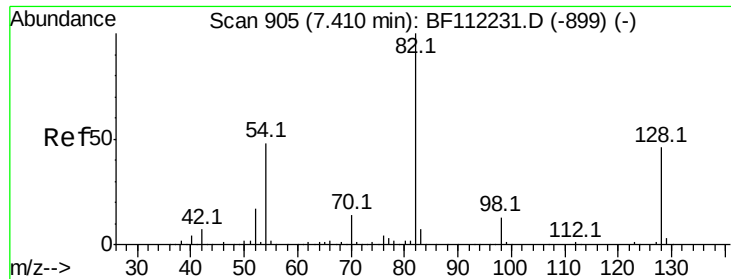
54 6.7 5.9 8.9

68 5.0 5.1 7.7#



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1





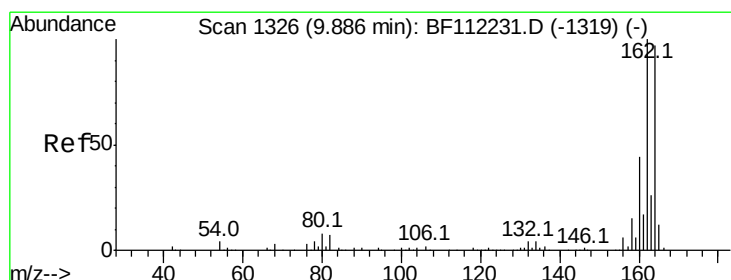
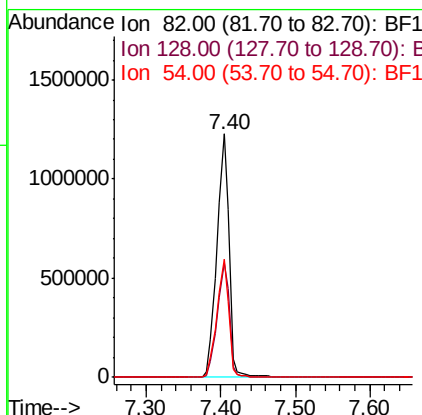
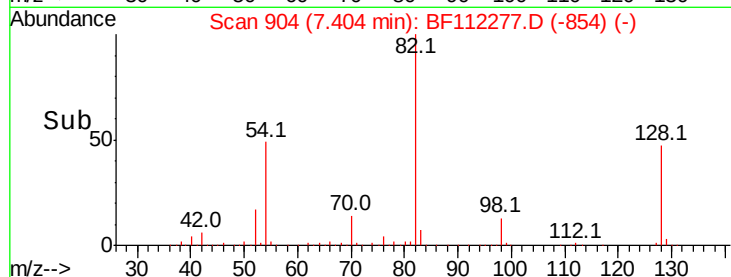
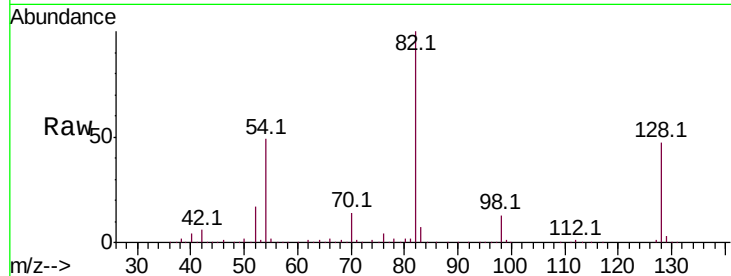
#23
 Nitrobenzene-d5
 Concen: 88.348 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF112277.D
 Acq: 28 Jan 2019 16:25

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion: 82 Resp: 1384330
 Ion Ratio Lower Upper
 82 100
 128 46.9 37.8 56.8
 54 48.8 39.7 59.5

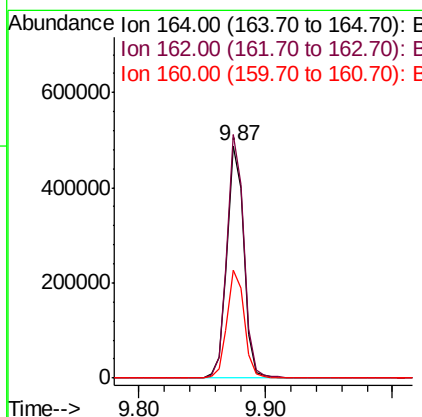
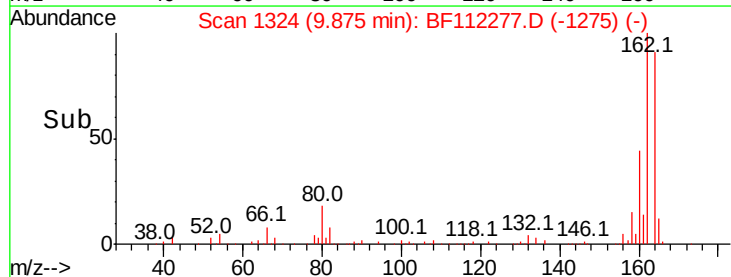
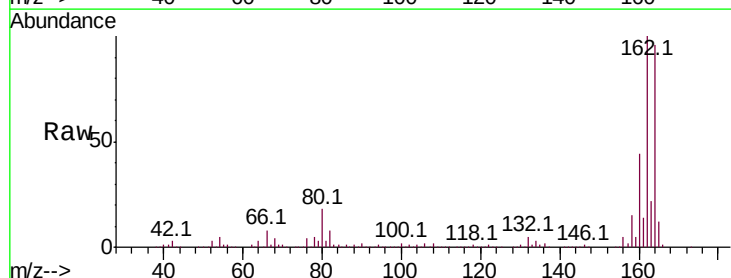
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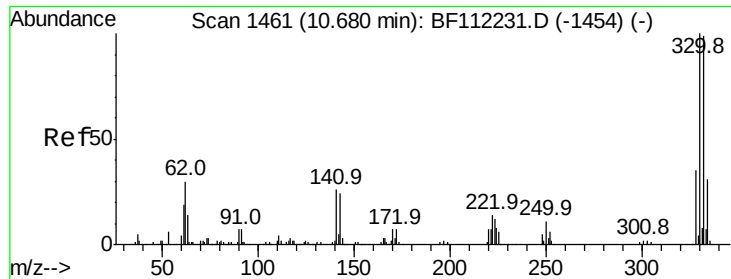
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF112277.D
 Acq: 28 Jan 2019 16:25

Tgt Ion: 164 Resp: 451520
 Ion Ratio Lower Upper
 164 100
 162 104.6 82.2 123.4
 160 46.2 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 135.998 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BF112277.D

Acq: 28 Jan 2019 16:25

Instrument :

BNA_F

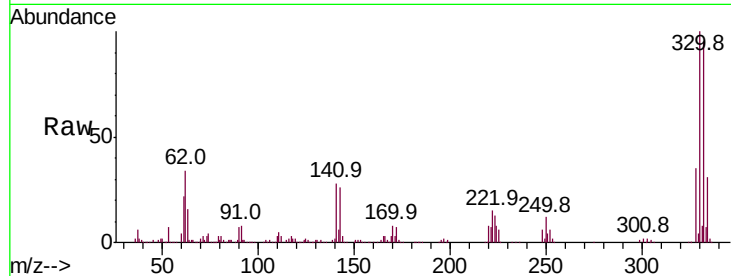
ClientSampleId :

MH-C05

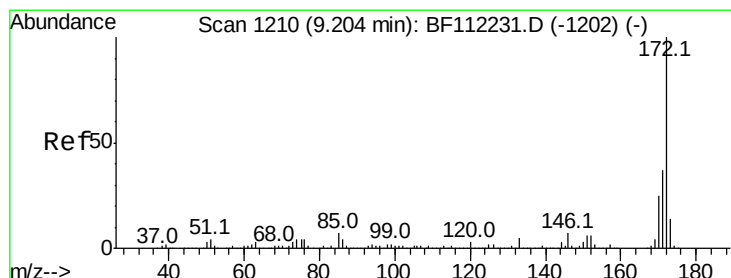
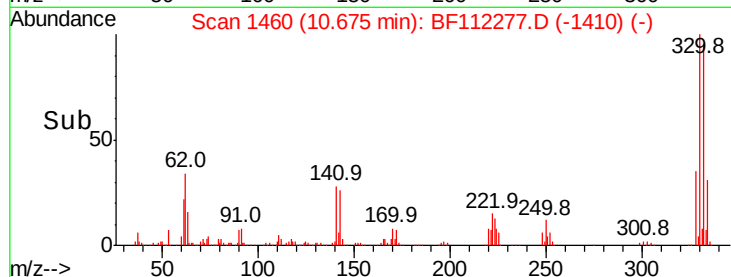
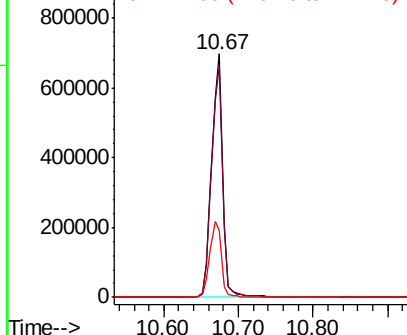
Tot Ion:	330	Resp:	714747
Ion Ratio	Lower	Upper	
330	100		
332	96.0	76.6	114.8
141	33.1	24.3	36.5

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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: 79.544 ng

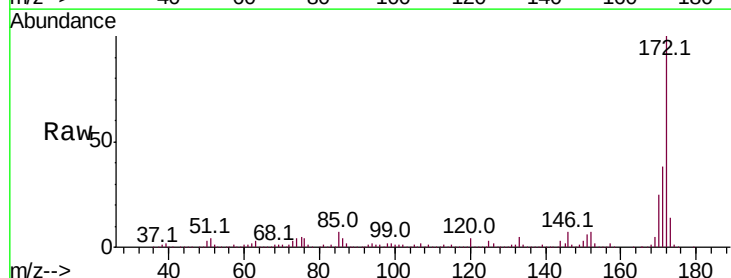
RT: 9.20 min Scan# 1209

Delta R.T. -0.01 min

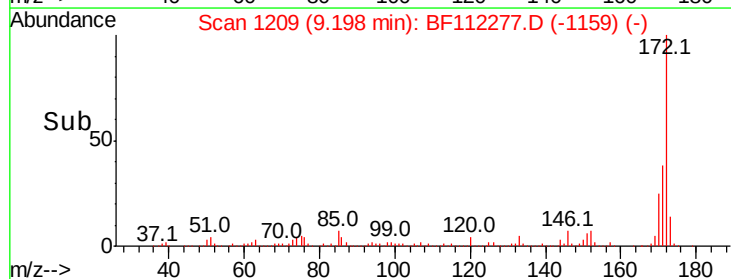
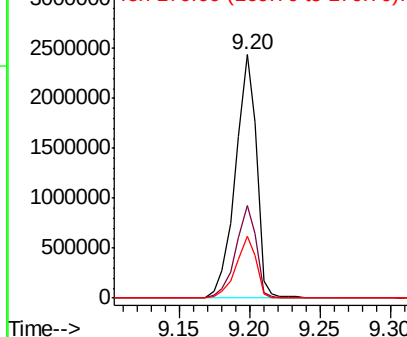
Lab File: BF112277.D

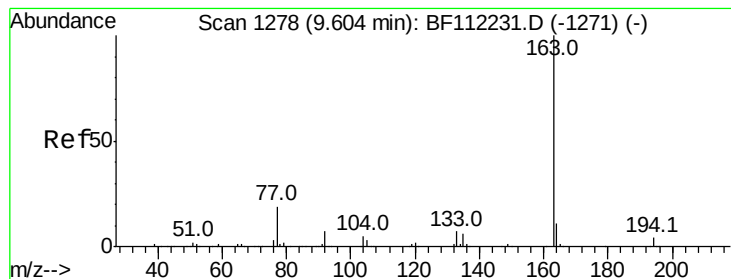
Acq: 28 Jan 2019 16:25

Tgt Ion:	172	Resp:	2539418
Ion Ratio	Lower	Upper	
172	100		
171	37.8	30.5	45.7
170	25.3	20.2	30.4



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: 5.257 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.02 min

Lab File: BF112277.D

Acq: 28 Jan 2019 16:25

Instrument :

BNA_F

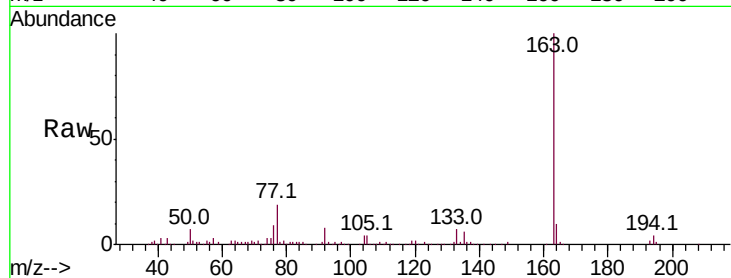
ClientSampled :

MH-C05

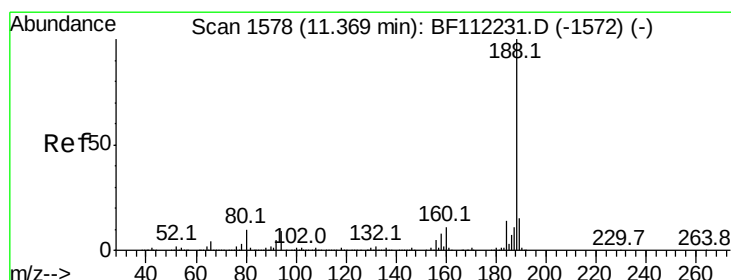
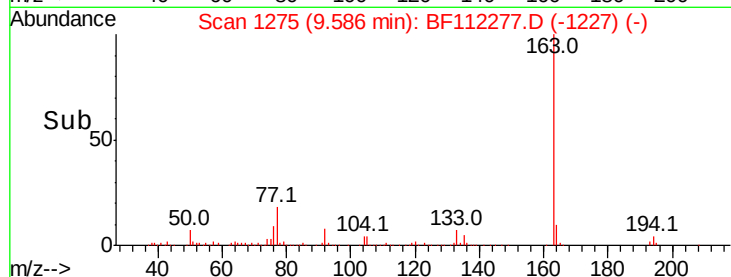
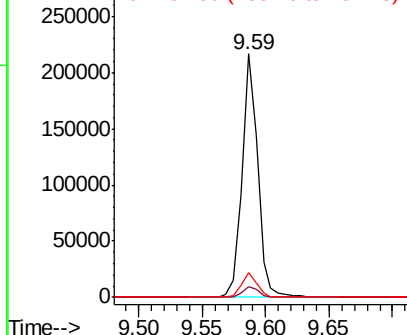
Tot Ion:	163	Resp:	184424
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.3	4.9
164	10.0	8.5	12.7

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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

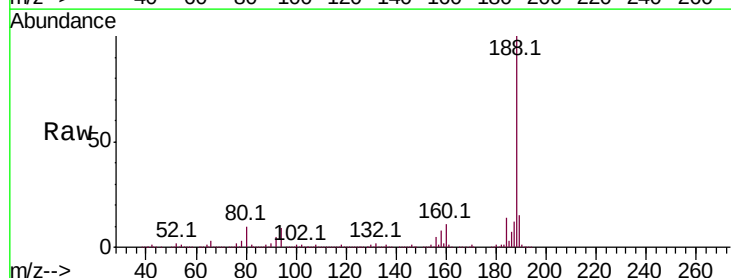
RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

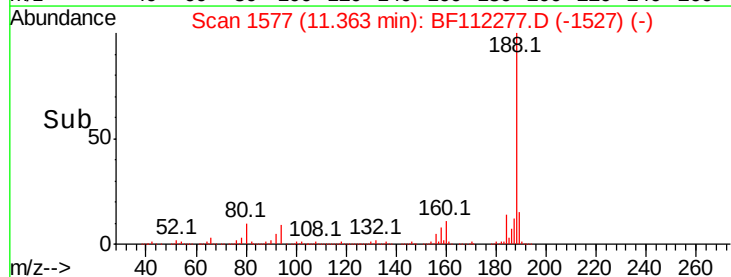
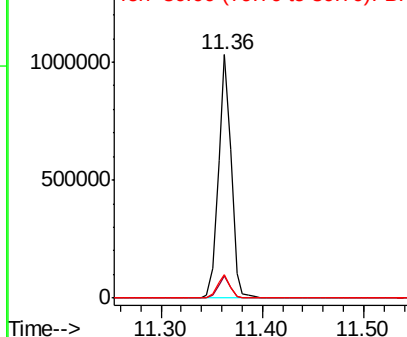
Lab File: BF112277.D

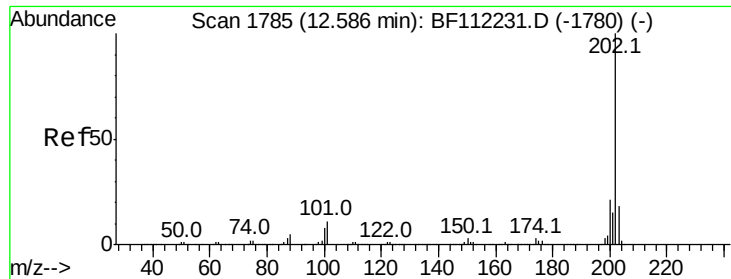
Acq: 28 Jan 2019 16:25

Tgt Ion:	188	Resp:	900546
Ion Ratio	Lower	Upper	
188	100		
94	9.2	8.2	12.2
80	9.7	8.9	13.3



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





#75

Fluoranthene

Concen: 4.094 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BF112277.D

Acq: 28 Jan 2019 16:25

Instrument :

BNA_F

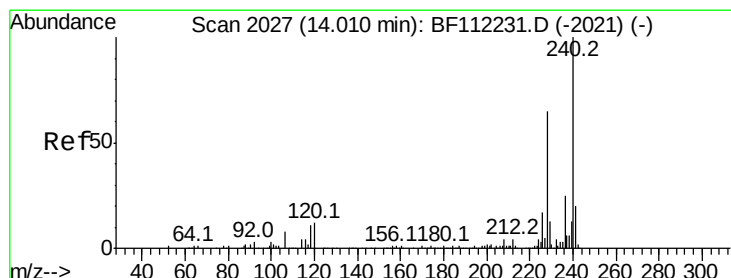
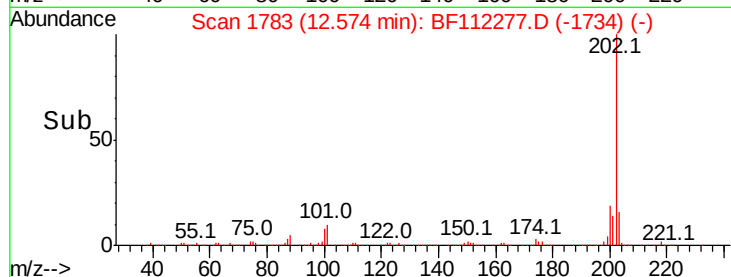
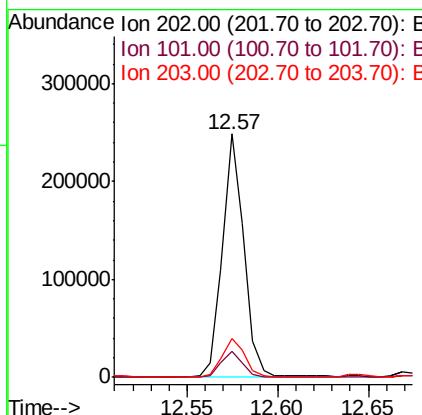
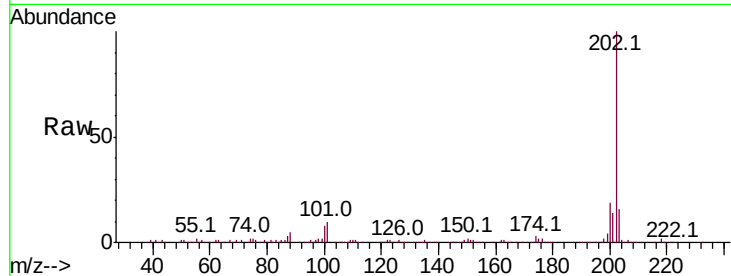
ClientSampleId :

MH-C05

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.4	0.0	31.8
203	16.1	0.0	38.4

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#76

Chrysene-d12

Concen: 20.000 ng

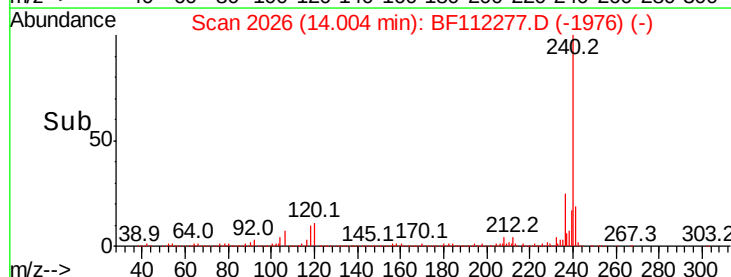
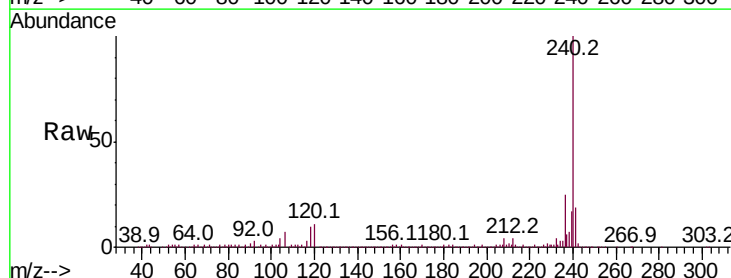
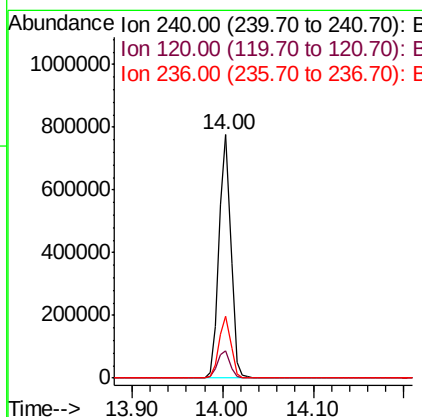
RT: 14.00 min Scan# 2026

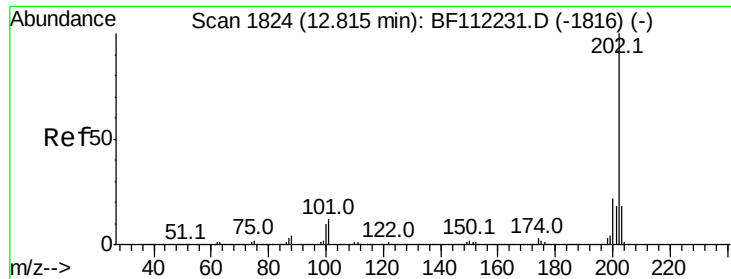
Delta R.T. -0.01 min

Lab File: BF112277.D

Acq: 28 Jan 2019 16:25

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.0	9.0	13.6
236	25.4	20.7	31.1





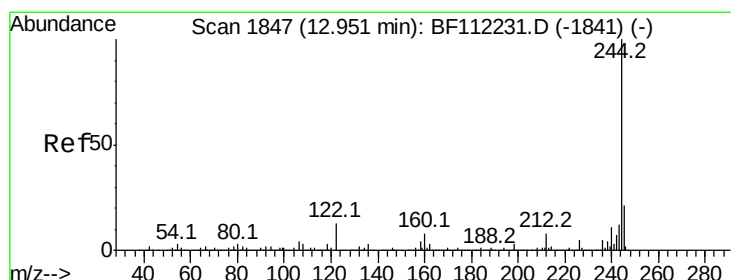
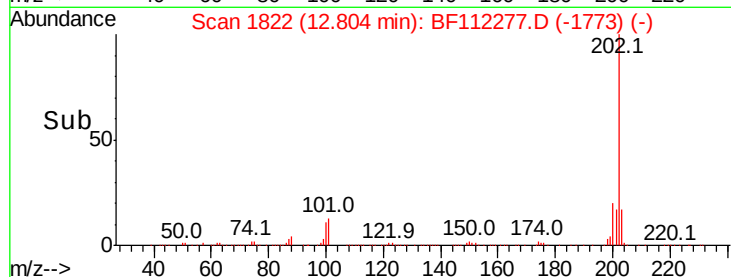
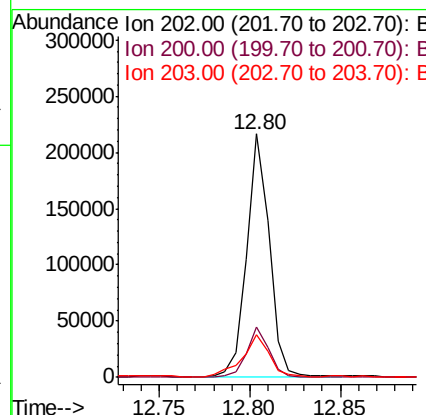
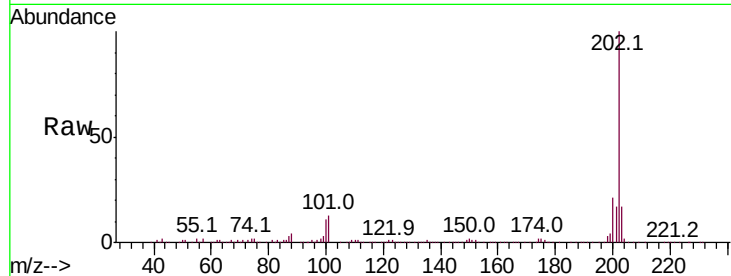
#78
Pvrene
Concen: 3.898 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BF112277.D
Acq: 28 Jan 2019 16:25

Instrument :
BNA_F
ClientSampled :
MH-C05

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.5	17.7	26.5
203	17.4	14.6	22.0

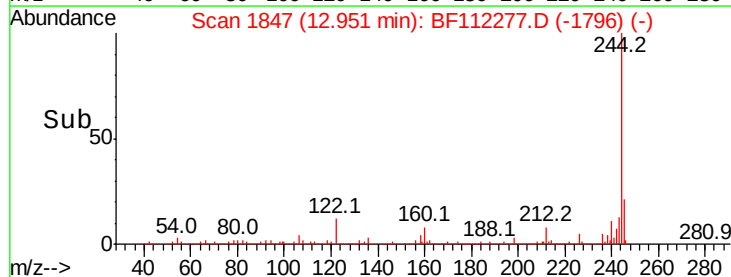
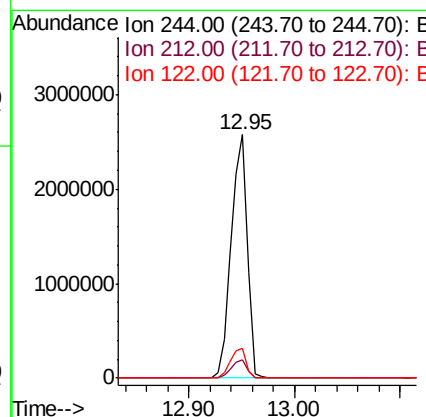
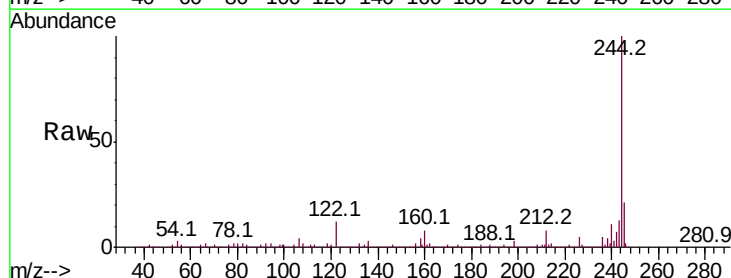
Manual Integrations
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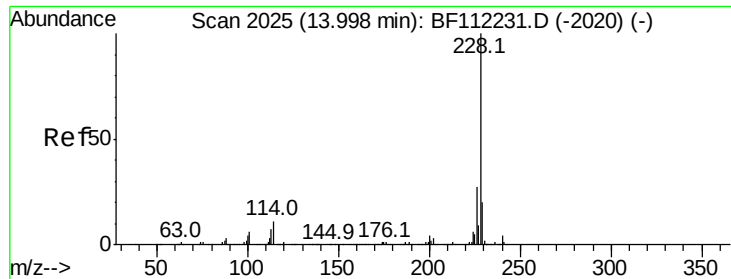
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1/29/2019 9:35:11 AM



#79
Terphenyl-d14
Concen: 73.675 ng
RT: 12.95 min Scan# 1847
Delta R.T. 0.00 min
Lab File: BF112277.D
Acq: 28 Jan 2019 16:25

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.6	5.9	8.9
122	12.0	9.8	14.6





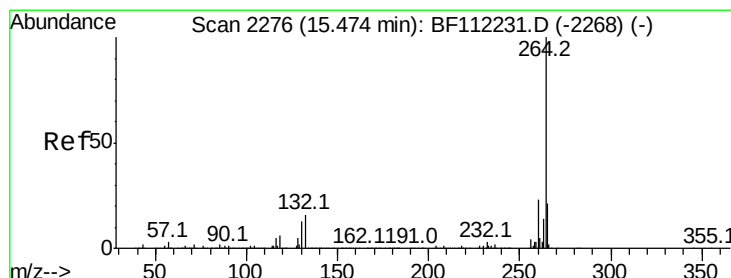
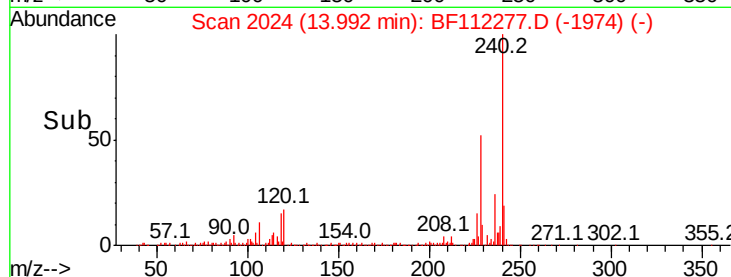
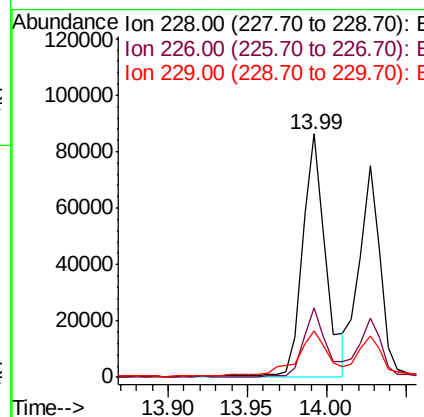
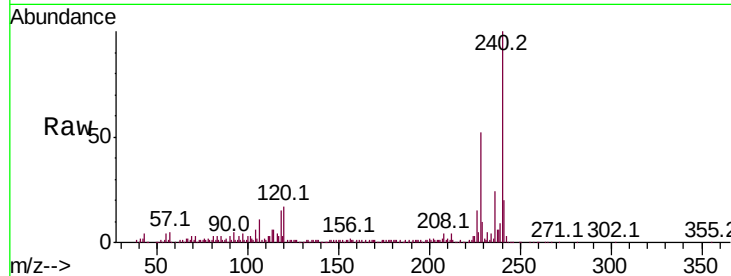
#81
Benzo(a)anthracene
Concen: 2.162 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF112277.D
Acq: 28 Jan 2019 16:25

Instrument :
BNA_F
ClientSampleId :
MH-C05

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.6	34.0
229	19.3	16.5	24.7

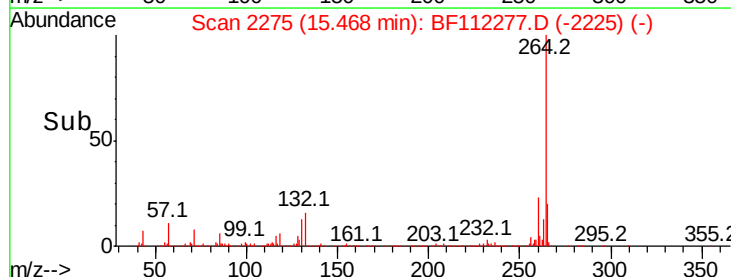
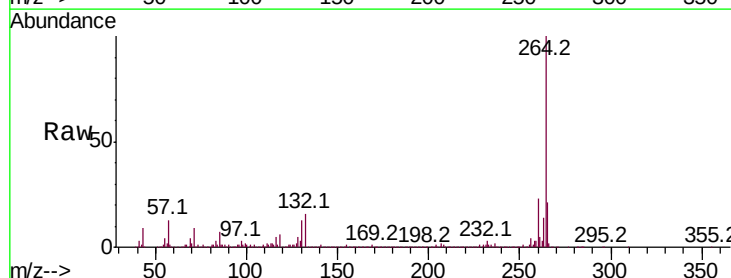
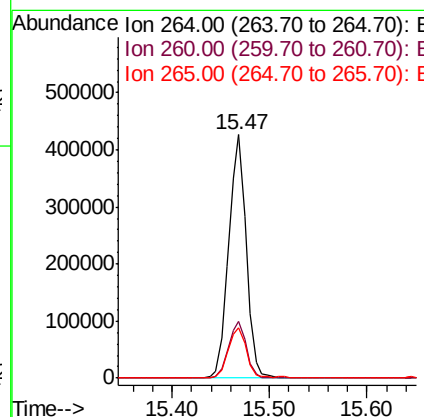
Manual Integrations
APPROVED

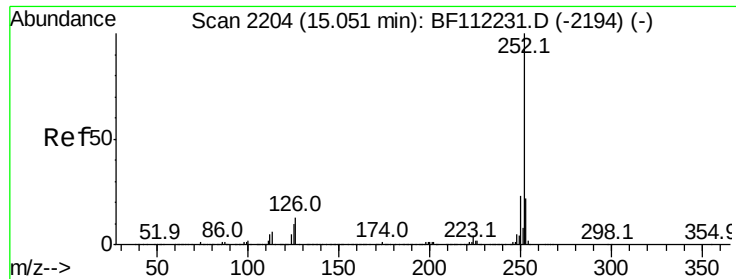
mohammad
1/29/2019 9:35:11 AM



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF112277.D
Acq: 28 Jan 2019 16:25

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.2	27.2
265	20.6	17.0	25.4





#88

Benzo(b)fluoranthene

Concen: 2.311 ng m

RT: 15.04 min Scan# 2202

Delta R.T. -0.01 min

Lab File: BF112277.D

Acq: 28 Jan 2019 16:25

Instrument :

BNA_F

ClientSampleId :

MH-C05

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.0	27.0
125	16.7	8.7	13.1

Manual Integrations
APPROVED

mohammad
1/29/2019 9:35:11 AM

