

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021119\
 Data File : BF112479.D
 Acq On : 11 Feb 2019 14:34
 Operator : JU/SJ
 Sample : K1452-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEST-PIT-2

Manual Integrations
 APPROVED

Sohil
 2/12/2019 11:56:58 AM

Quant Time: Feb 11 17:13:06 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	6.83	152	159364	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	635460	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	322514	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	631050	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	453176	20.00	ng	0.00
87) Perylene-d12	15.47	264	380078	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1200118	159.96	ng	0.00
7) Phenol-d6	6.49	99	1530981	146.85	ng	0.00
23) Nitrobenzene-d5	7.40	82	979547	88.82	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	538813	143.53	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1814230	79.56	ng	-0.02
79) Terphenyl-d14	12.94	244	1875718	77.96	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.58	163	147661	5.893	ng	97
71) Phenanthrene	11.38	178	73251	2.233	ng	94
75) Fluoranthene	12.57	202	97093	2.759	ng	99
78) Pyrene	12.80	202	122676	3.910	ng	99
83) Chrysene	14.03	228	51816	2.038	ng	98
88) Benzo(b)fluoranthene	15.05	252	54632m	2.403	ng	

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

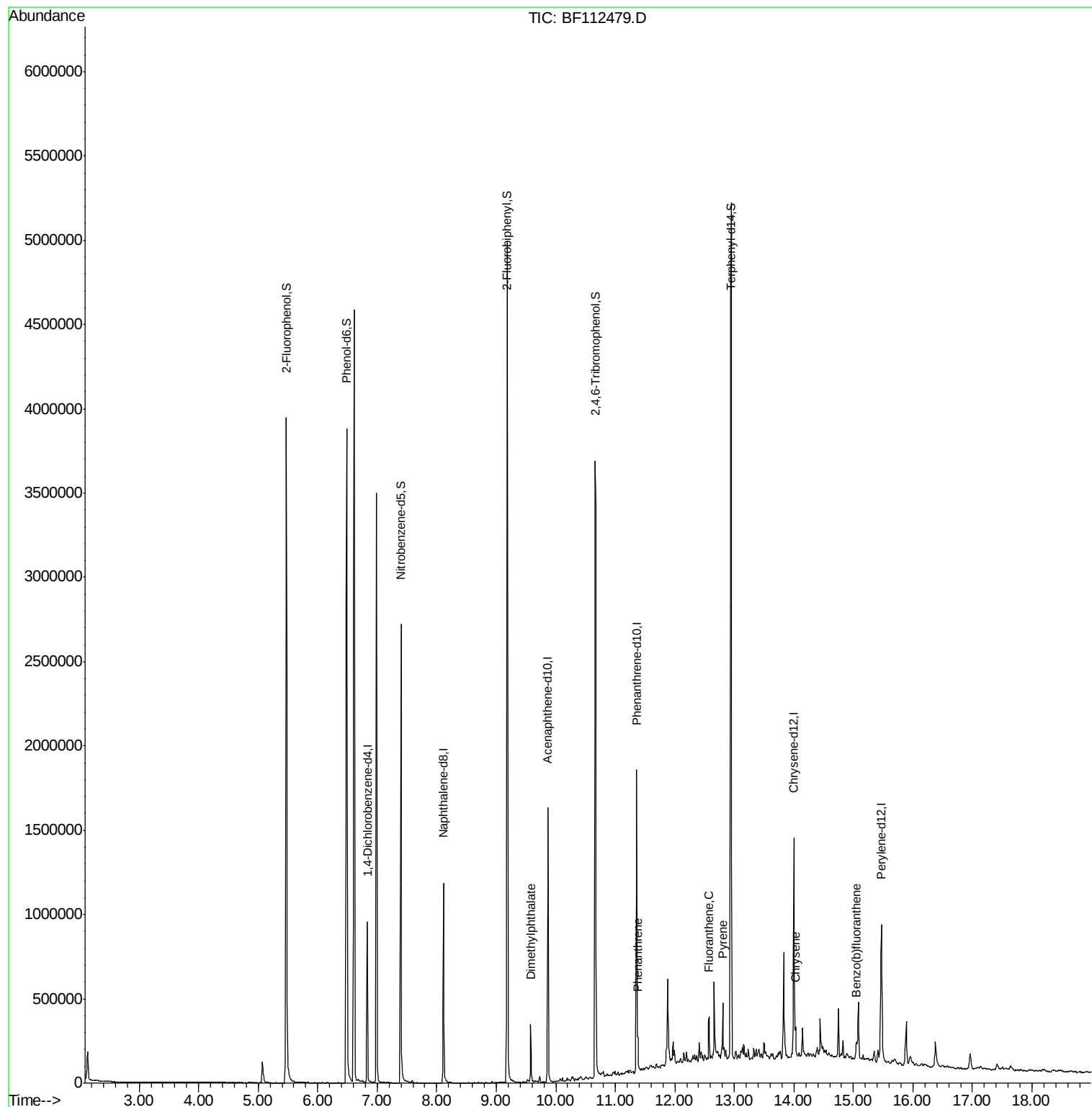
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021119\
Data File : BF112479.D
Acq On : 11 Feb 2019 14:34
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Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
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#1

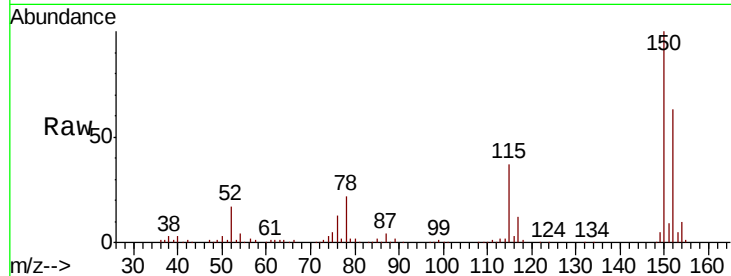
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112479.D
Acq: 11 Feb 2019 14:34

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	127.4	191.0
115	58.3	45.5	68.3

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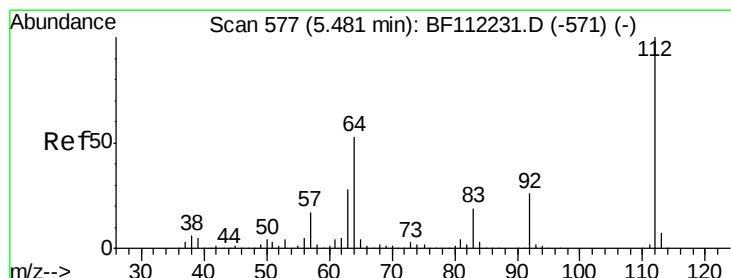
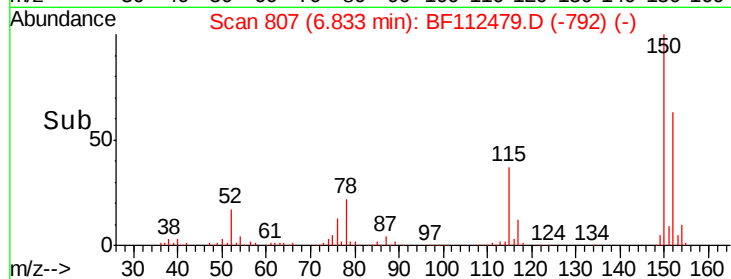
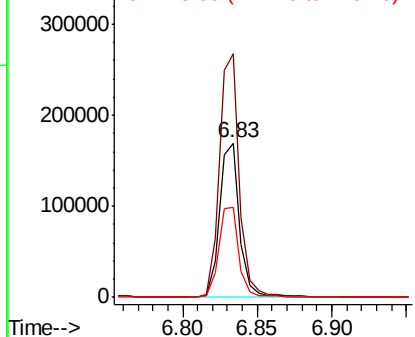


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

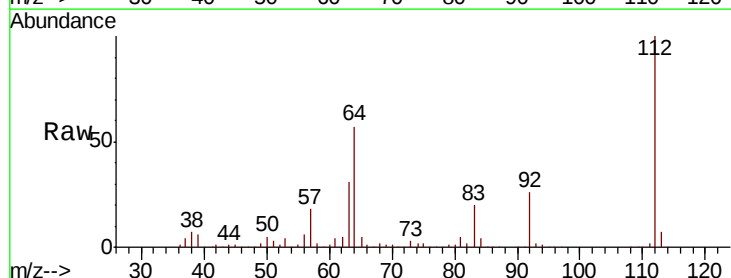
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 159.956 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF112479.D
Acq: 11 Feb 2019 14:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.2	45.7	68.5
63	30.9	23.6	35.4

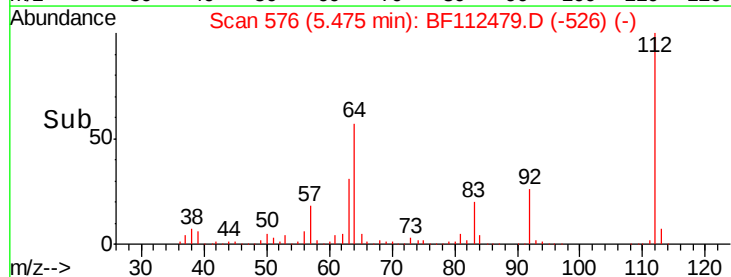
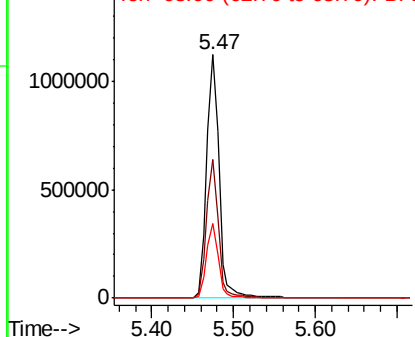


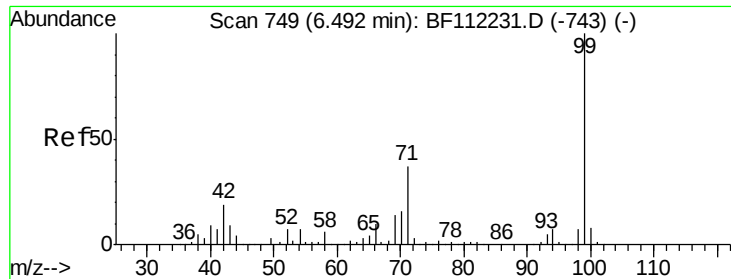
Abundance

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: 146.850 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112479.D

Acq: 11 Feb 2019 14:34

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-2

Tot Ion: 99 Resp: 1530981

Ion Ratio Lower Upper

99 100

42 19.4 15.1 22.7

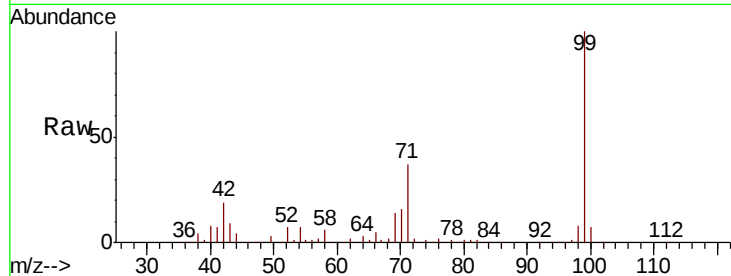
71 36.8 26.9 40.3

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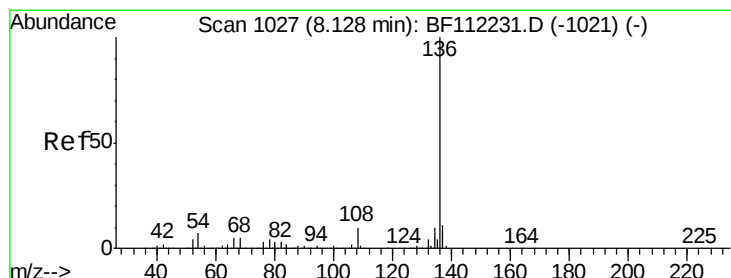
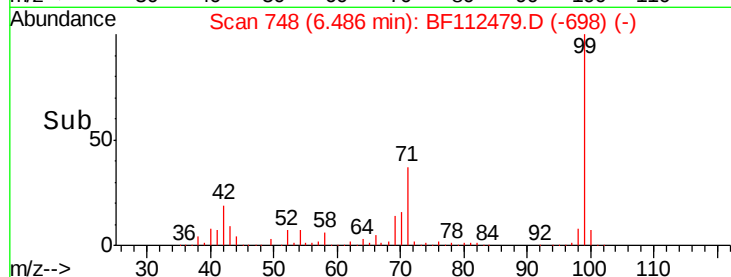
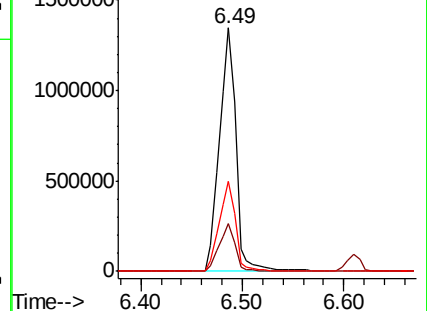
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Abundance Ion 99.00 (98.70 to 99.70): BF1

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: 8.11 min Scan# 1024

Delta R.T. -0.02 min

Lab File: BF112479.D

Acq: 11 Feb 2019 14:34

Tgt Ion: 136 Resp: 635460

Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 6.5 5.9 8.9

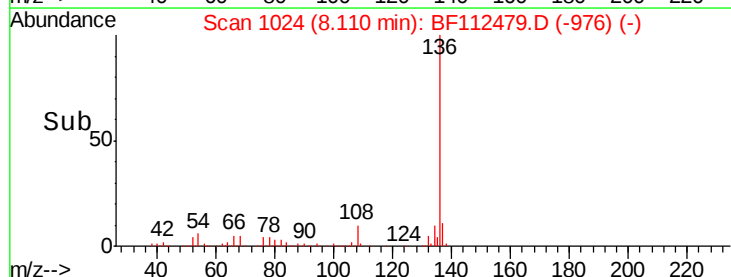
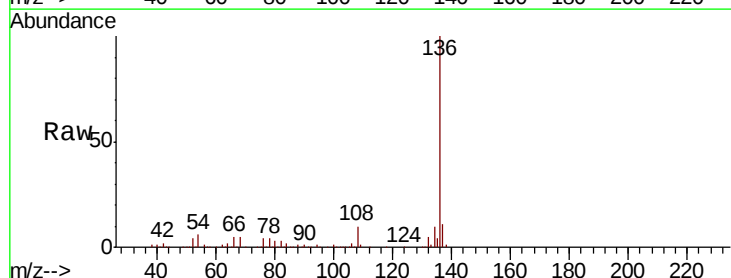
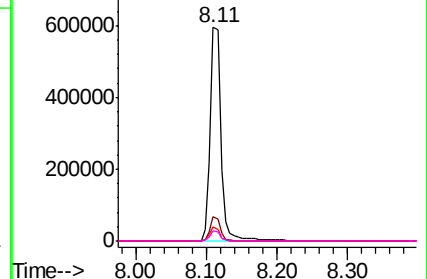
68 5.0 5.1 7.7#

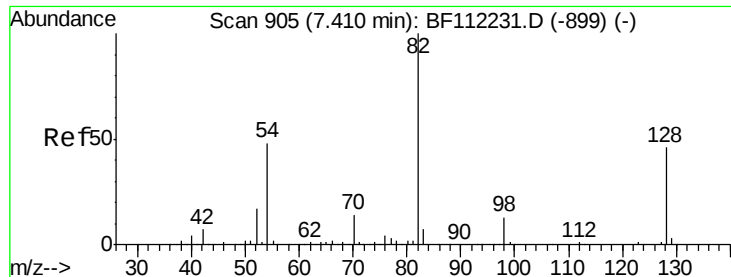
Abundance Ion 136.00 (135.70 to 136.70): E

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





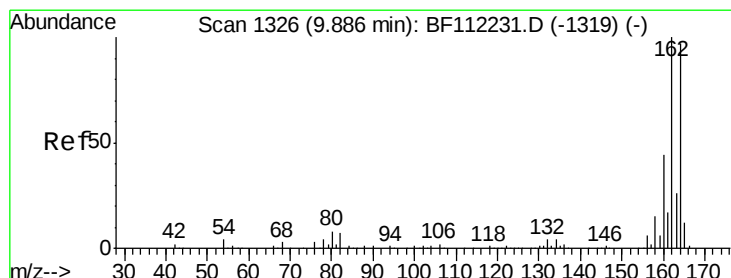
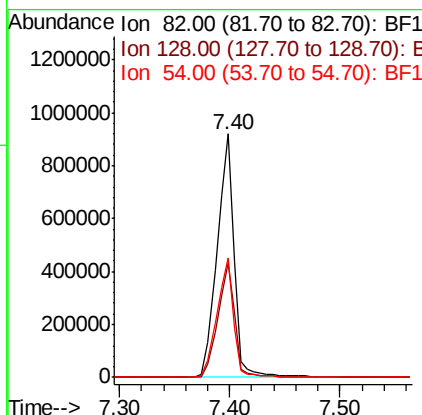
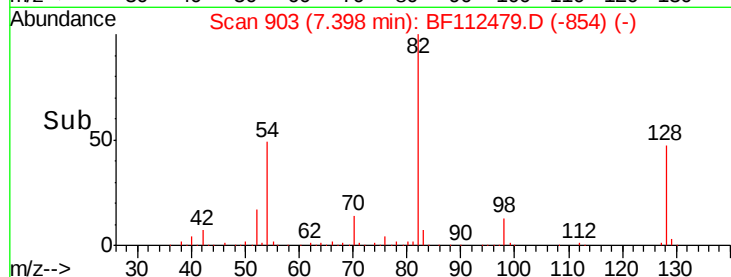
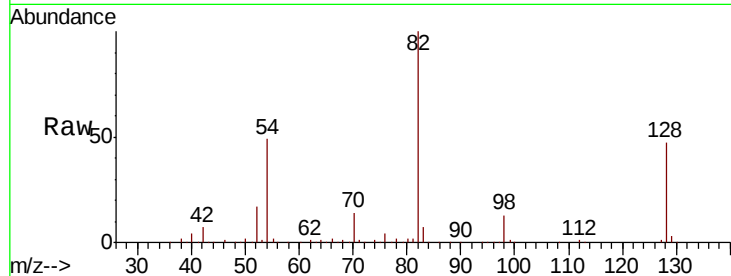
#23
Nitrobenzene-d5
Concen: 88.820 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF112479.D
Acq: 11 Feb 2019 14:34

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-2

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.8	37.8	56.8
54	49.2	39.7	59.5

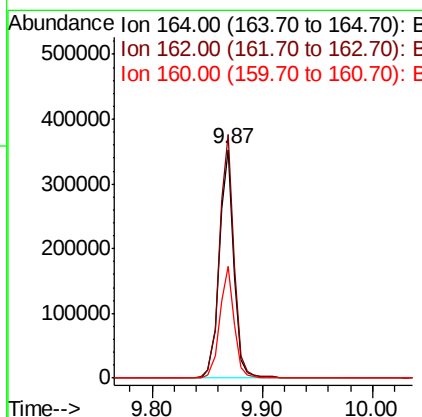
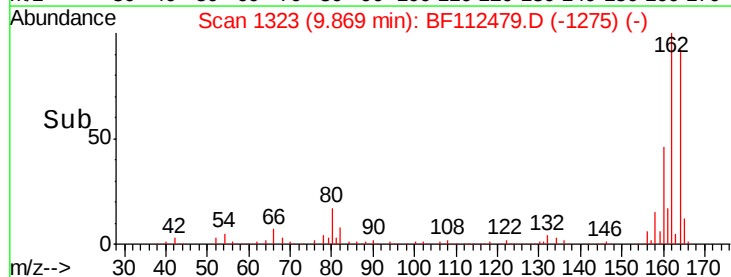
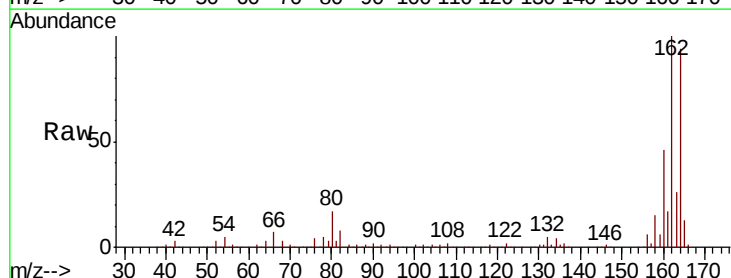
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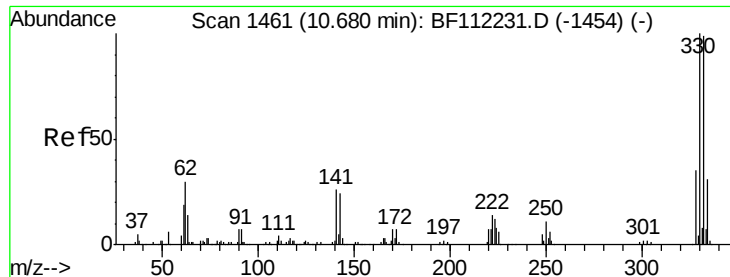
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF112479.D
Acq: 11 Feb 2019 14:34

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.4	82.2	123.4
160	48.8	36.2	54.4





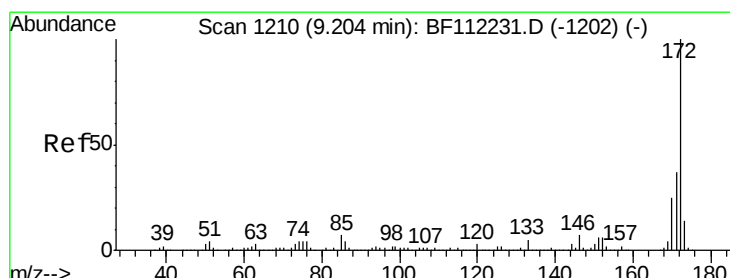
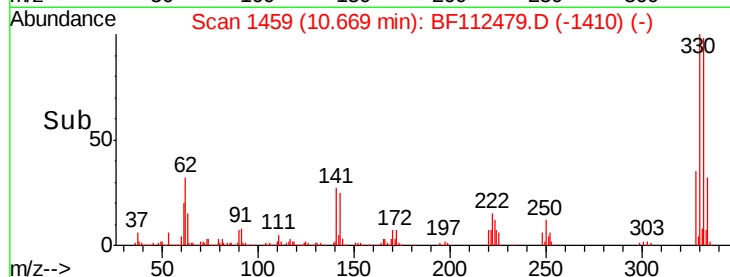
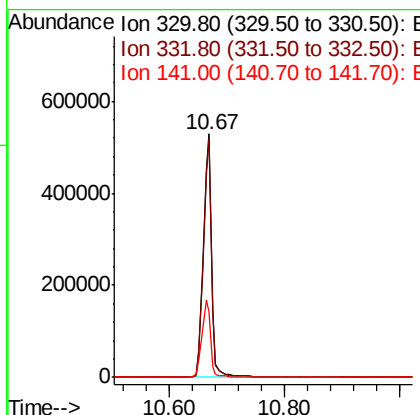
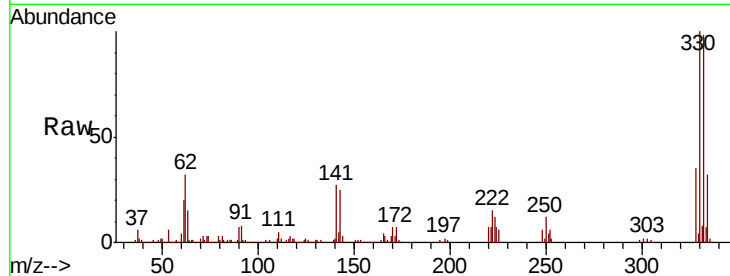
#42
 2,4,6-Tribromophenol
 Concen: 143.531 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF112479.D
 Acq: 11 Feb 2019 14:34

Instrument :
 BNA_F
 ClientSampleId :
 TEST-PIT-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.6	114.8
141	33.4	24.3	36.5

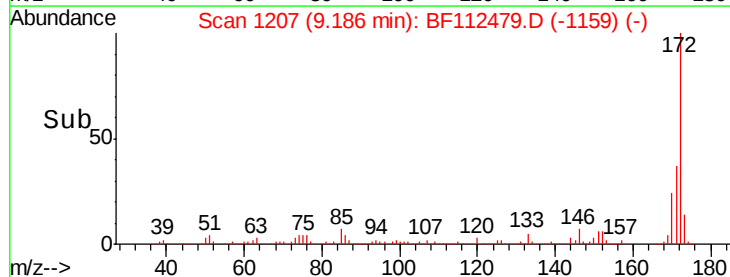
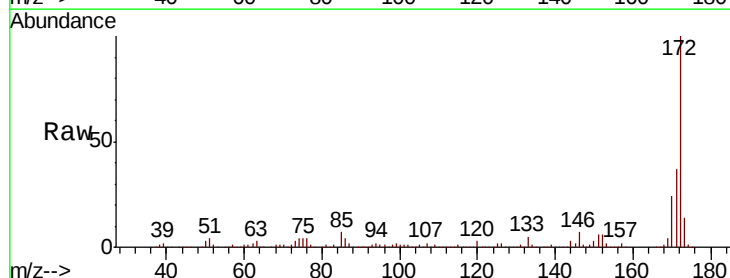
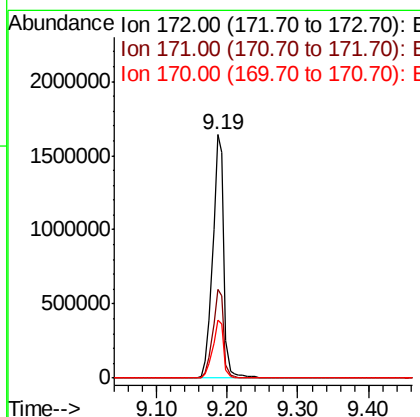
Manual Integrations
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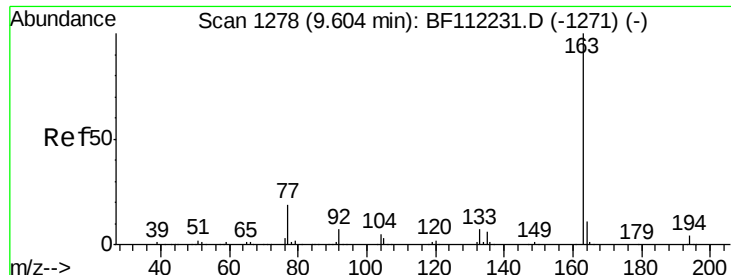
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#45
 2-Fluorobiphenyl
 Concen: 79.560 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF112479.D
 Acq: 11 Feb 2019 14:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.5	45.7
170	24.0	20.2	30.4





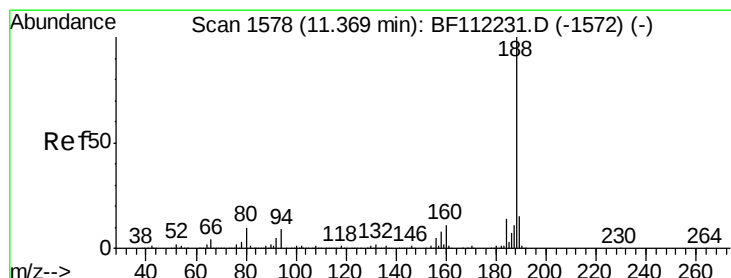
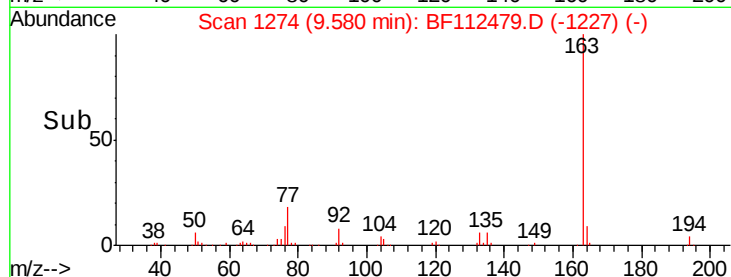
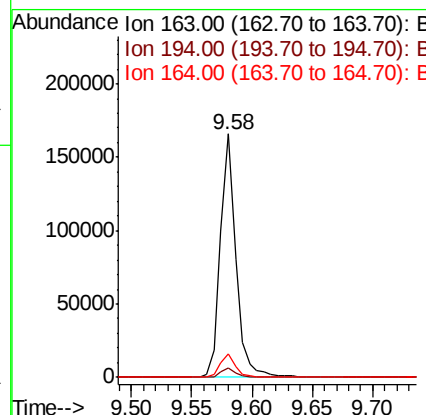
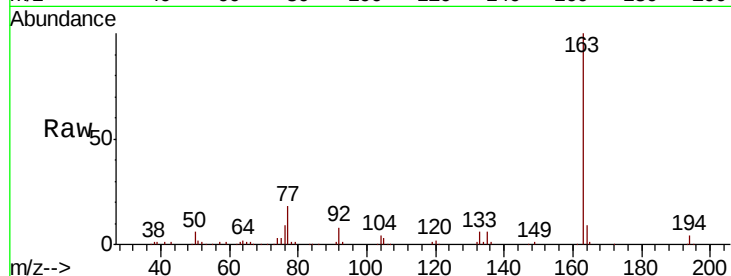
#50
Dimethylphthalate
Concen: 5.893 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF112479.D
Acq: 11 Feb 2019 14:34

Instrument :
BNA_F
ClientSampled :
TEST-PIT-2

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100				
194	3.7		3.3	4.9	
164	9.4		8.5	12.7	

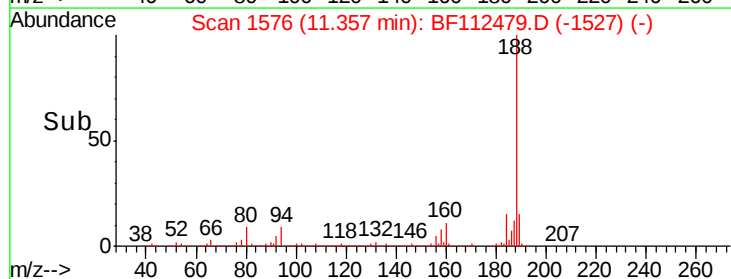
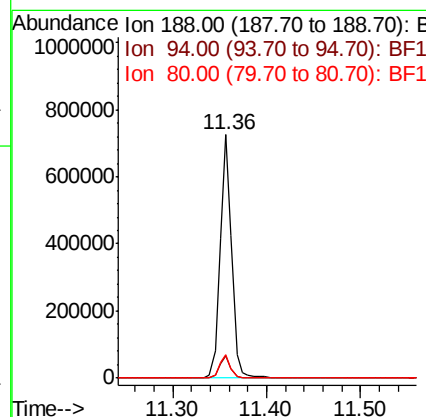
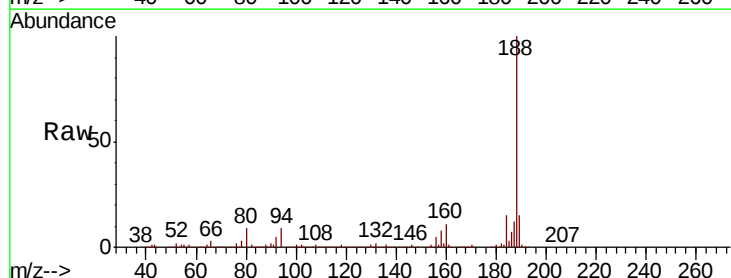
Manual Integrations
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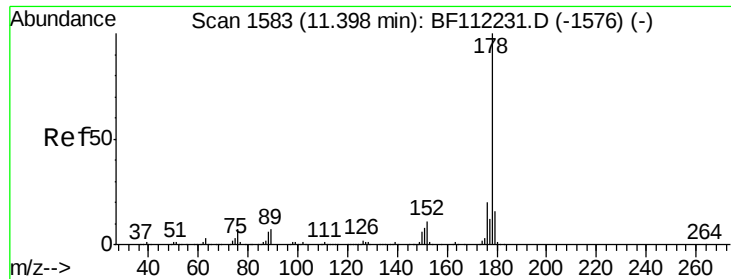
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112479.D
Acq: 11 Feb 2019 14:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	8.9		8.2	12.2	
80	9.5		8.9	13.3	





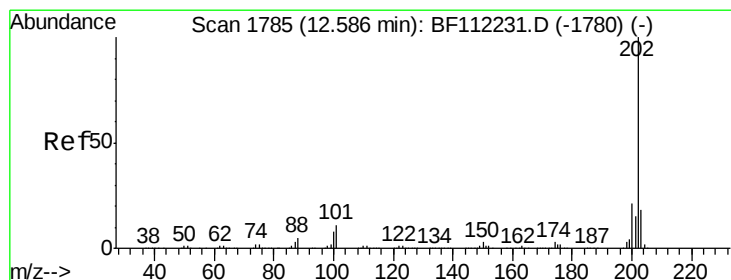
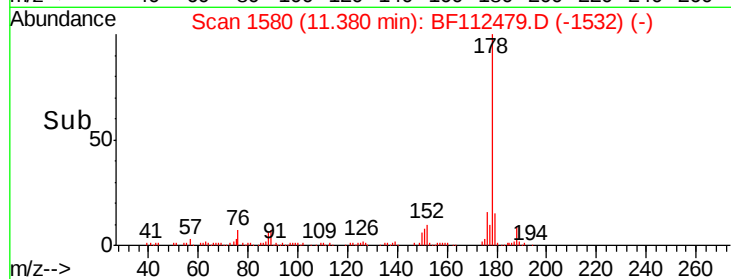
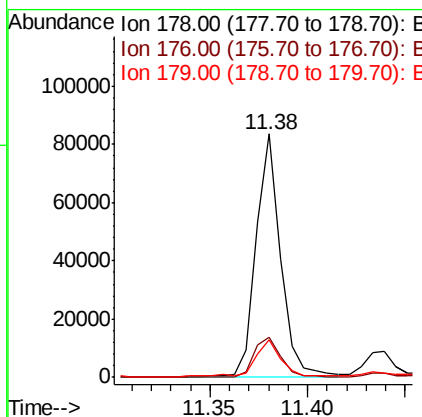
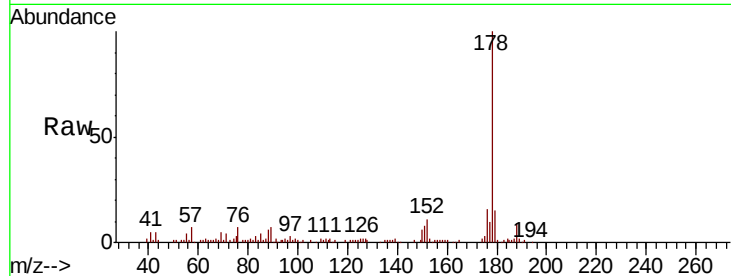
#71
Phenanthrene
Concen: 2.233 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BF112479.D
Acq: 11 Feb 2019 14:34

Instrument :
BNA_F
ClientSampled :
TEST-PIT-2

Tot Ion	Ratio	Lower	Upper
178	100		
176	16.4	16.3	24.5
179	15.2	13.0	19.4

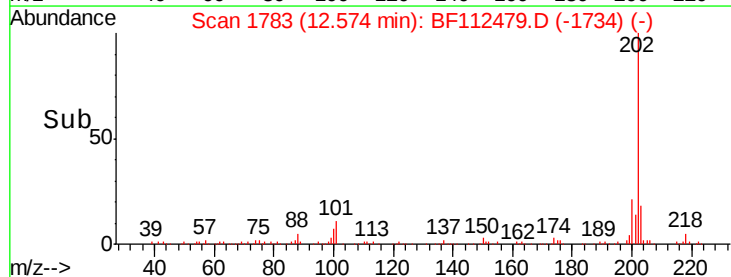
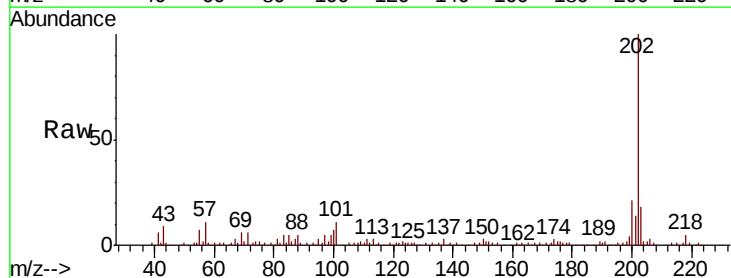
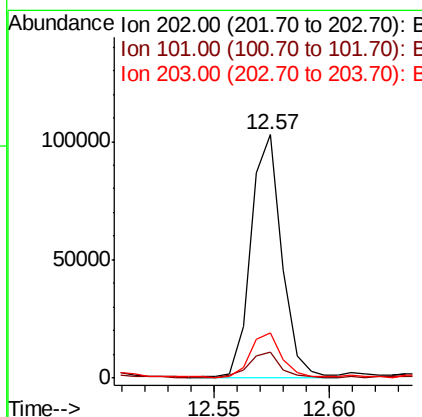
Manual Integrations
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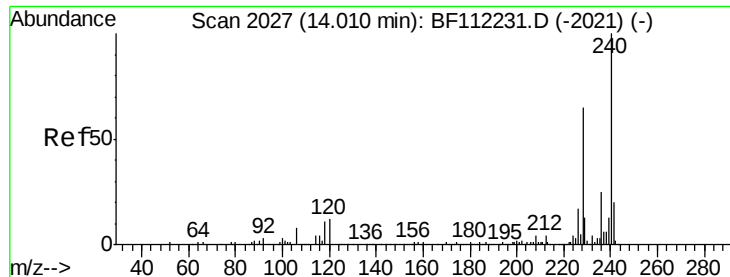
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#75
Fluoranthene
Concen: 2.759 ng
RT: 12.57 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BF112479.D
Acq: 11 Feb 2019 14:34

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	31.8
203	18.3	0.0	38.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF112479.D

Acq: 11 Feb 2019 14:34

Instrument :

BNA_F

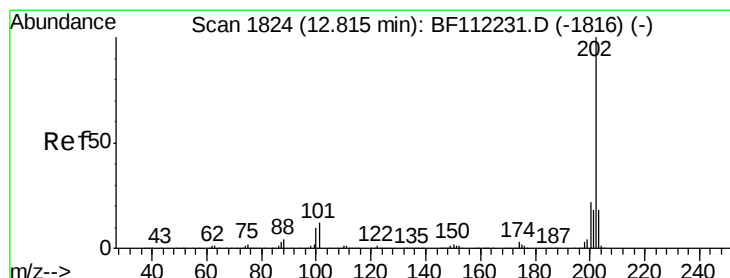
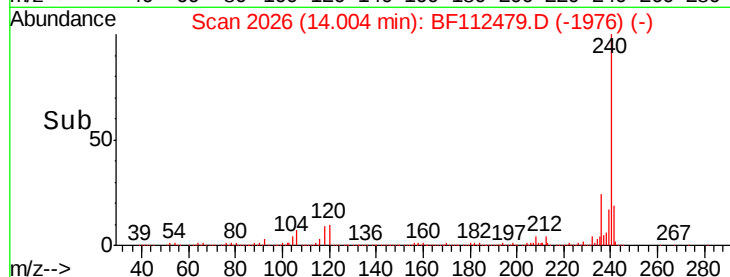
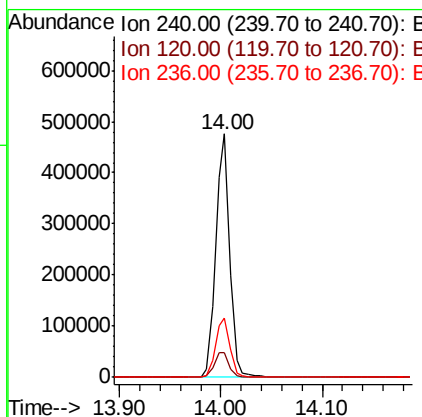
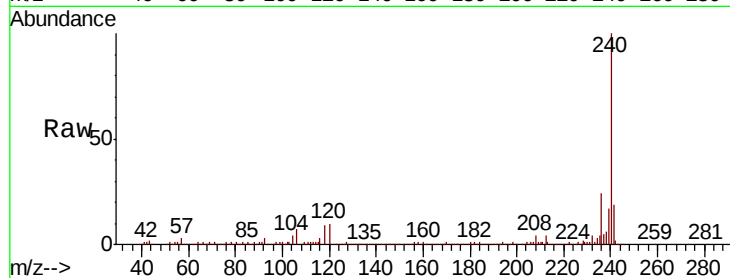
ClientSampleId :

TEST-PIT-2

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.2	9.0	13.6
236	24.4	20.7	31.1

Manual Integrations
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#78

Pyrene

Concen: 3.910 ng

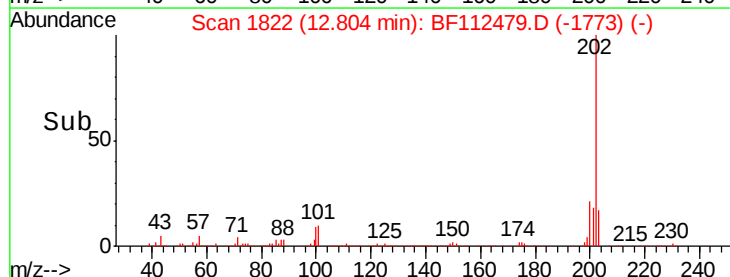
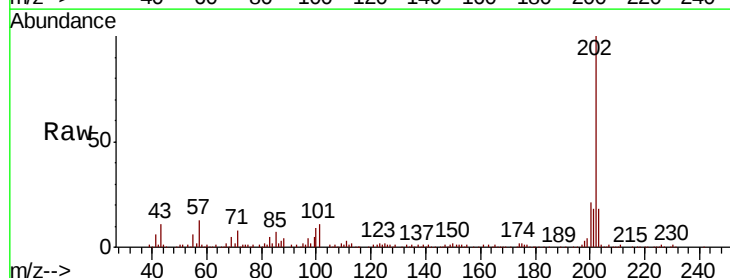
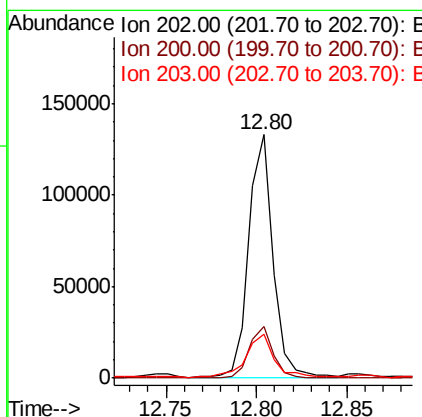
RT: 12.80 min Scan# 1822

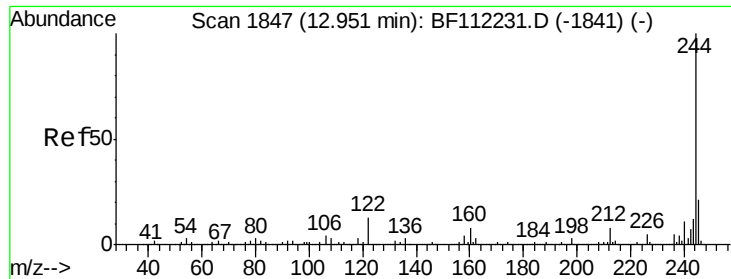
Delta R.T. -0.01 min

Lab File: BF112479.D

Acq: 11 Feb 2019 14:34

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.7	26.5
203	18.0	14.6	22.0





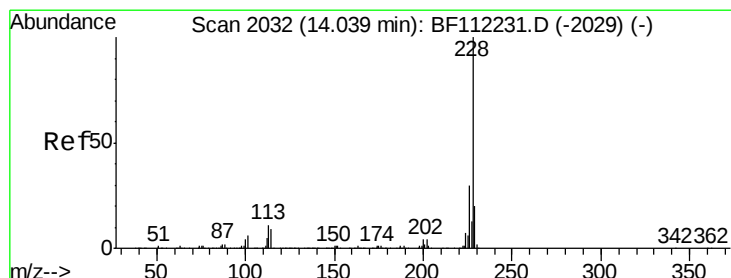
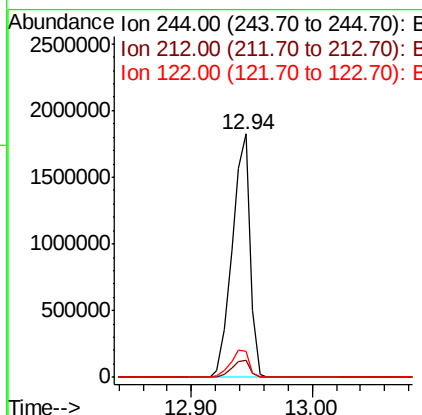
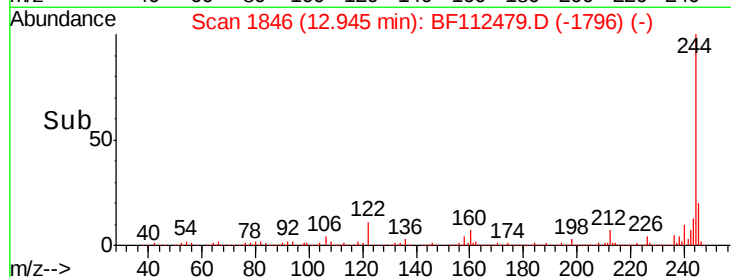
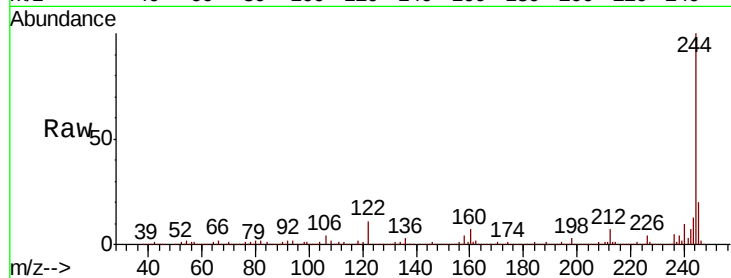
#79
 Terphenyl-d14
 Concen: 77.957 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF112479.D
 Acq: 11 Feb 2019 14:34

Instrument :
 BNA_F
 ClientSampled :
 TEST-PIT-2

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.9	8.9
122	10.9	9.8	14.6

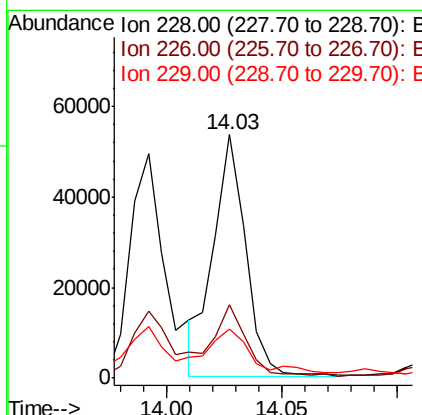
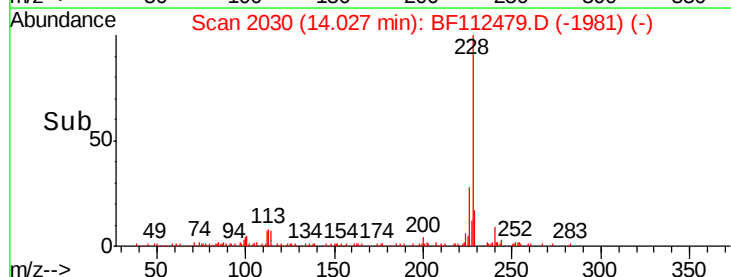
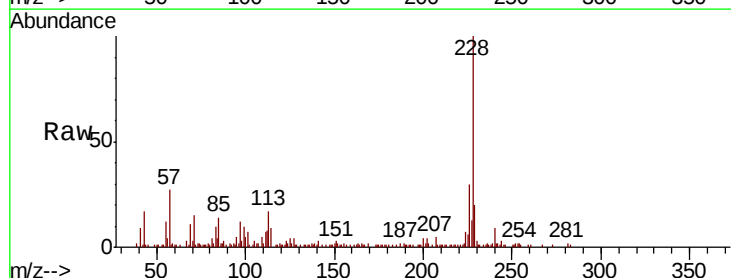
Manual Integrations
 APPROVED

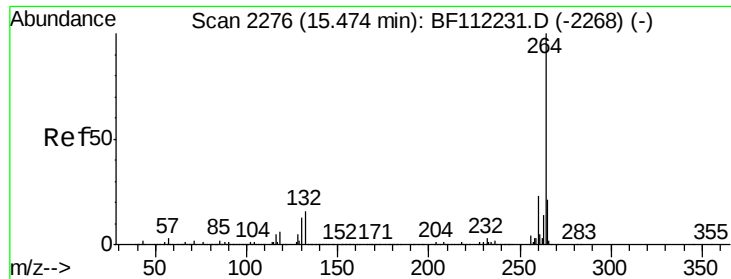
Sohil
 2/12/2019 11:56:58 AM



#83
 Chrysene
 Concen: 2.038 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF112479.D
 Acq: 11 Feb 2019 14:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.0	37.6
229	20.2	16.6	24.8





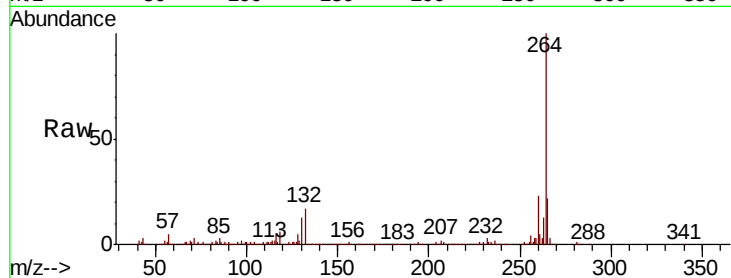
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.00 min
Lab File: BF112479.D
Acq: 11 Feb 2019 14:34

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.2
265	21.9	17.0	25.4

Manual Integrations
APPROVED

Sohil
2/12/2019 11:56:58 AM

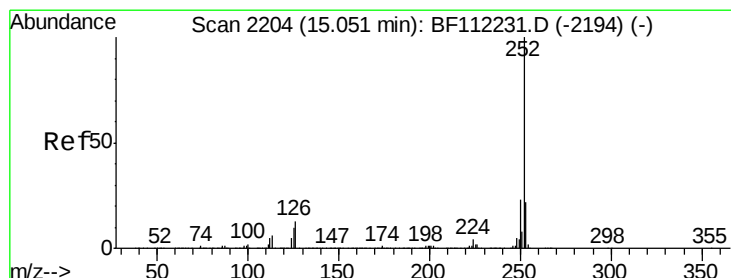
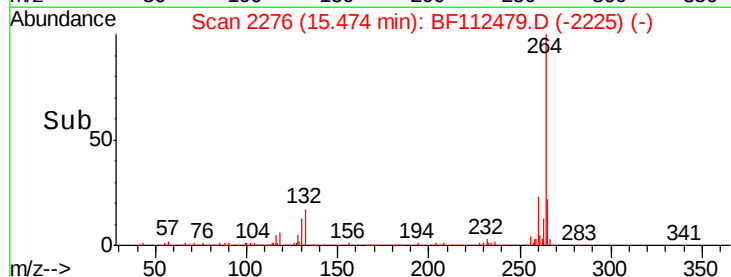
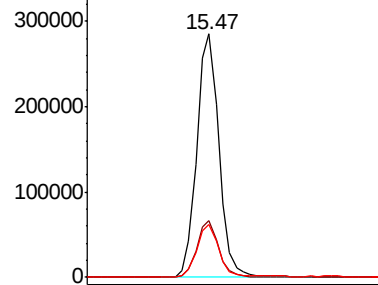


Abundance

Ion 264.00 (263.70 to 264.70): E

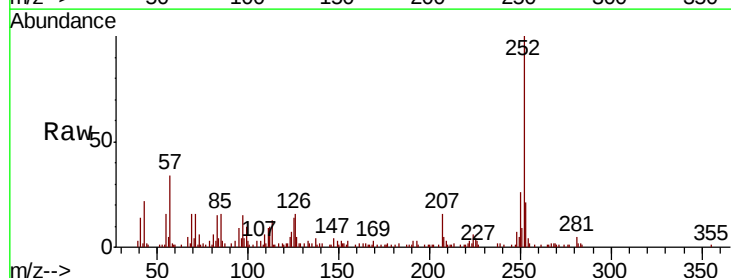
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 2.403 ng m
RT: 15.05 min Scan# 2204
Delta R.T. -0.00 min
Lab File: BF112479.D
Acq: 11 Feb 2019 14:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.8	18.0	27.0
125	13.8	8.7	13.1#



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

