

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
 Data File : BF119744.D
 Acq On : 4 Apr 2020 4:53
 Operator : MA/SJ
 Sample : L2129-26
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Manual Integrations
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mohammad
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Quant Time: Apr 04 05:52:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 01 11:59:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	182057	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	677368	20.00	ng	-0.02
39) Acenaphthene-d10	9.85	164	326035	20.00	ng	-0.02
64) Phenanthrene-d10	11.33	188	549667	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	351421	20.00	ng	-0.03
87) Perylene-d12	15.42	264	362160	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1906060	166.67	ng	0.01
7) Phenol-d6	6.44	99	2445787	167.41	ng	0.00
23) Nitrobenzene-d5	7.37	82	1511431	121.27	ng	-0.01
42) 2,4,6-Tribromophenol	10.64	330	580308	172.53	ng	-0.01
45) 2-Fluorobiphenyl	9.17	172	2599169	118.10	ng	-0.01
79) Terphenyl-d14	12.92	244	2192567	122.24	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.56	163	339968	14.680	ng	99
71) Phenanthrene	11.35	178	122319	4.292	ng	95
75) Fluoranthene	12.55	202	178890	5.800	ng	95
78) Pyrene	12.77	202	160634	5.570	ng	95
81) Benzo(a)anthracene	13.96	228	69815	3.055	ng	96
83) Chrysene	14.00	228	75969	3.221	ng	96
88) Benzo(b)fluoranthene	15.00	252	85621m	3.539	ng	
90) Benzo(a)pyrene	15.36	252	61051	2.777	ng	99

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

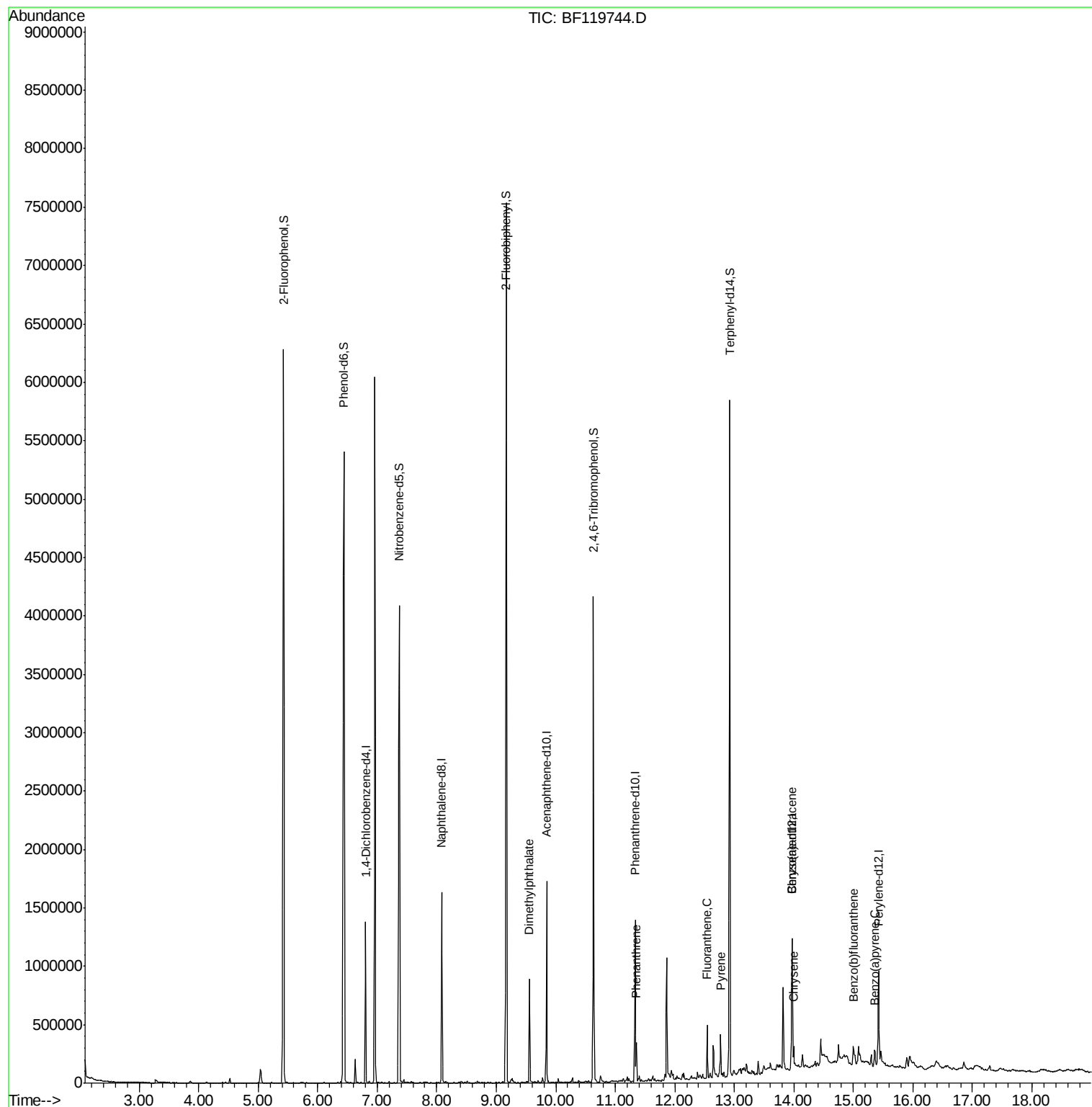
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
Data File : BF119744.D
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Misc :
ALS Vial : 33 Sample Multiplier: 1

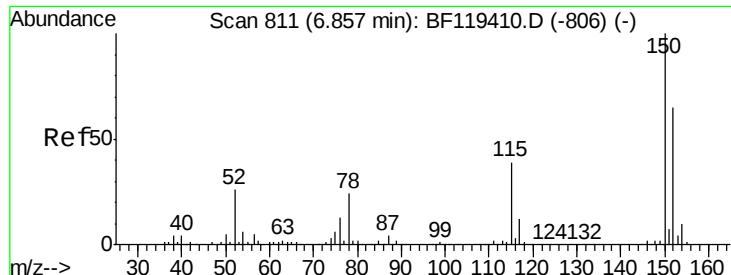
Instrument :
BNA_F
ClientSampleId :
TP-2

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Quant Time: Apr 04 05:52:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
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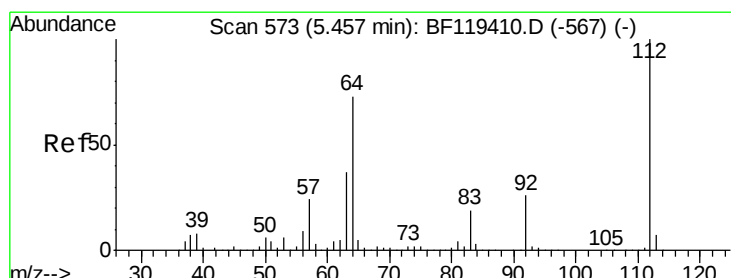
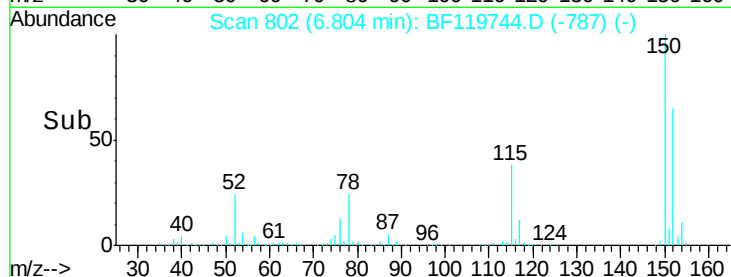
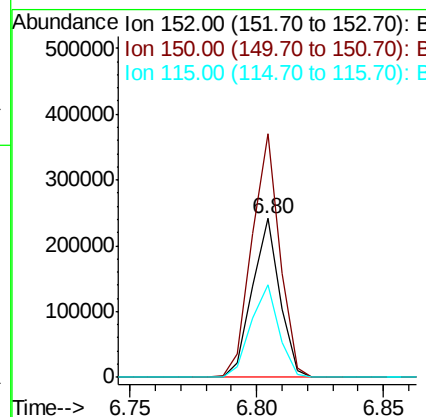
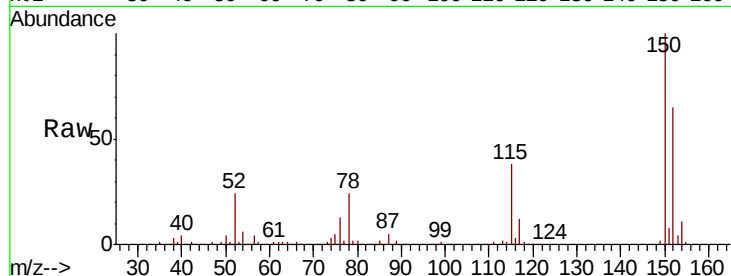
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF119744.D
 Acq: 4 Apr 2020 4:53

Instrument :
 BNA_F
 ClientSampled :
 TP-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	124.5	186.7
115	58.0	49.6	74.4

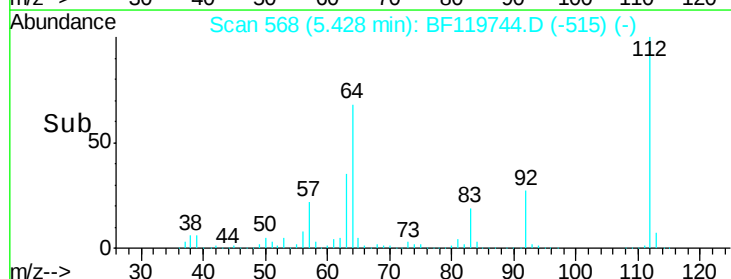
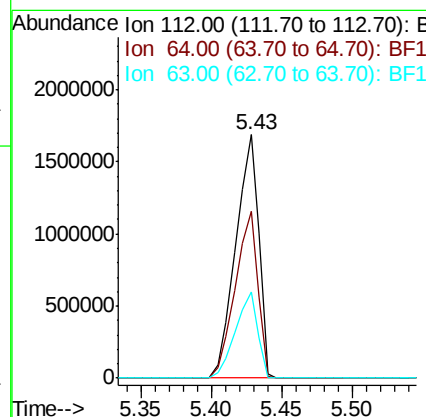
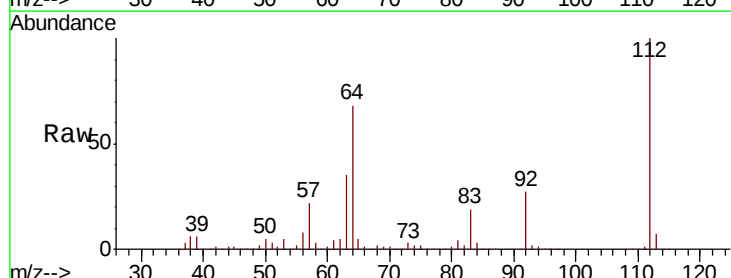
Manual Integrations
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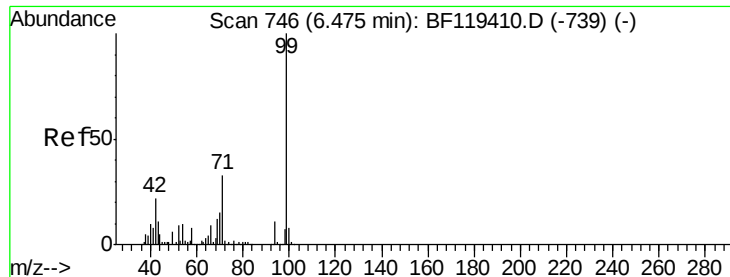
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#5
 2-Fluorophenol
 Concen: 166.666 ng
 RT: 5.43 min Scan# 568
 Delta R.T. 0.01 min
 Lab File: BF119744.D
 Acq: 4 Apr 2020 4:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.4	56.7	85.1
63	35.3	29.5	44.3





#7

Phenol-d6

Concen: 167.414 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF119744.D

Acq: 4 Apr 2020 4:53

Instrument :

BNA_F

ClientSampled :

TP-2

Tot Ion: 99 Resp: 2445787

Ion Ratio Lower Upper

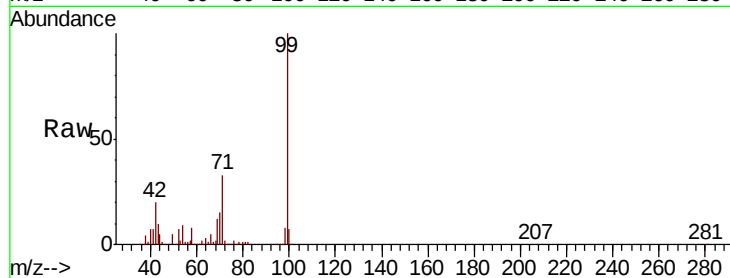
99 100

42 19.6 16.6 24.8

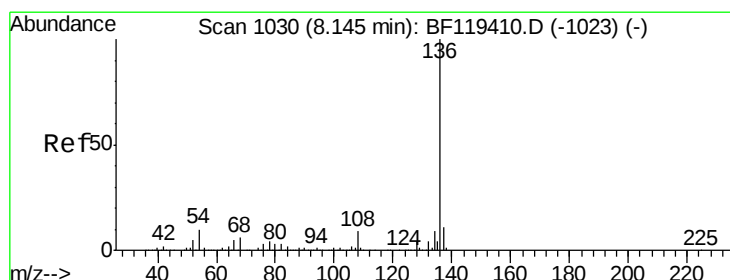
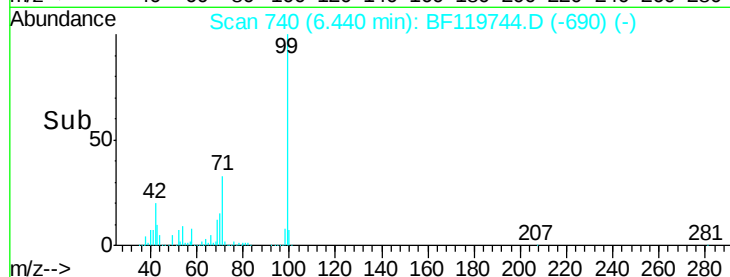
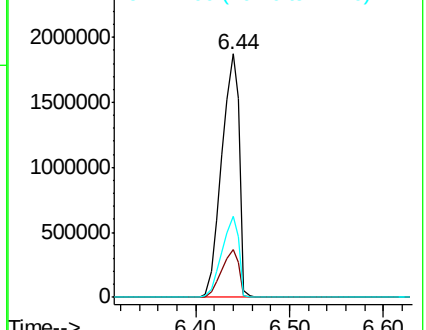
71 33.4 26.4 39.6

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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: 8.09 min Scan# 1020

Delta R.T. -0.02 min

Lab File: BF119744.D

Acq: 4 Apr 2020 4:53

Tgt Ion: 136 Resp: 677368

Ion Ratio Lower Upper

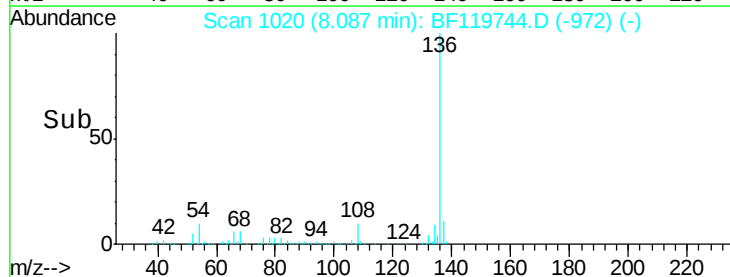
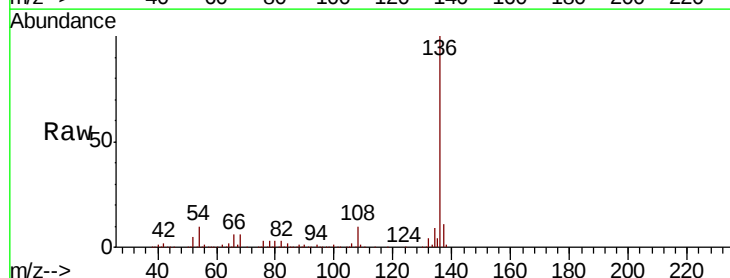
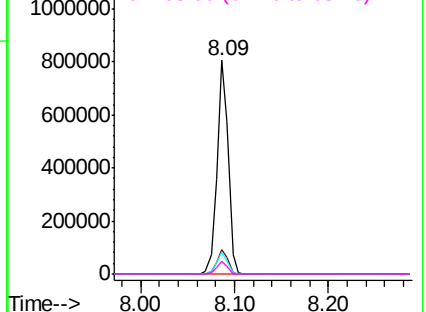
136 100

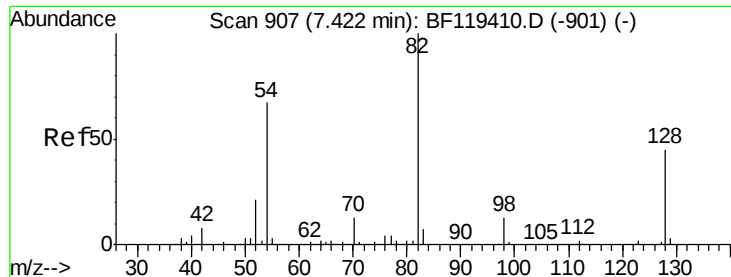
137 11.5 8.7 13.1

54 10.4 9.1 13.7

68 6.1 4.6 6.8

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





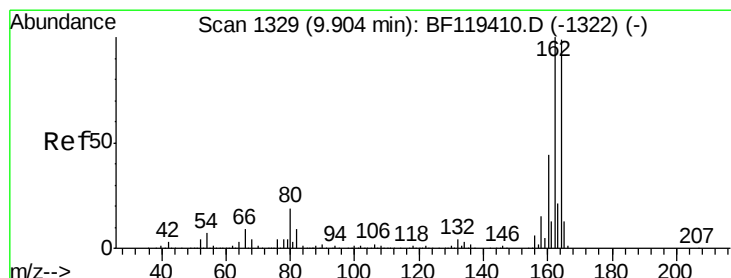
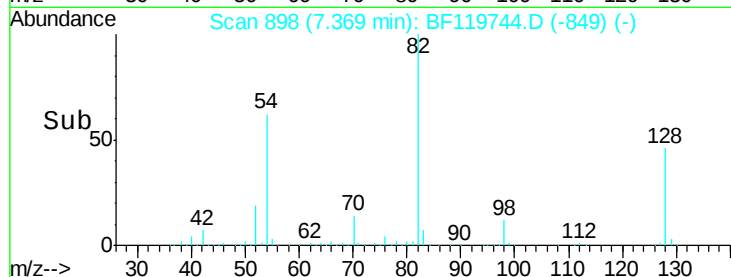
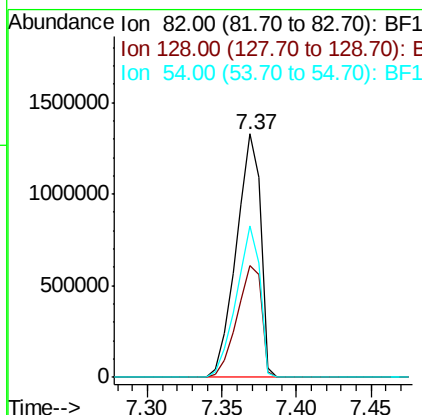
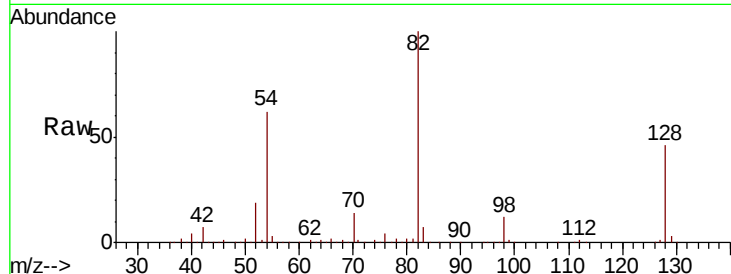
#23
Nitrobenzene-d5
Concen: 121.268 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF119744.D
Acq: 4 Apr 2020 4:53

Instrument :
BNA_F
ClientSampled :
TP-2

Tot Ion	82	Resp	1511431
Ion Ratio	100	Lower	Upper
128	46.1	36.3	54.5
54	62.0	50.6	75.8

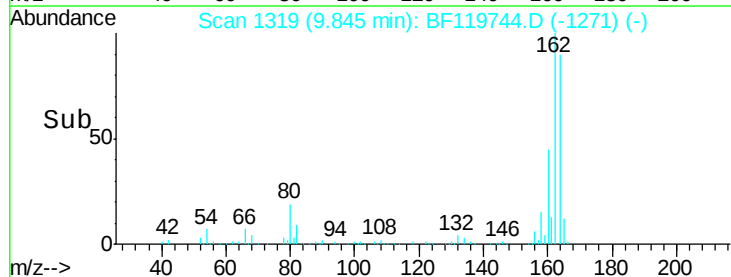
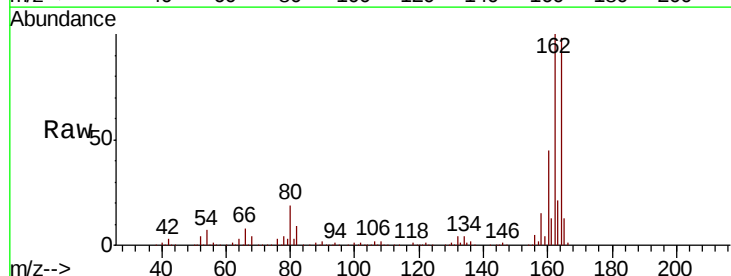
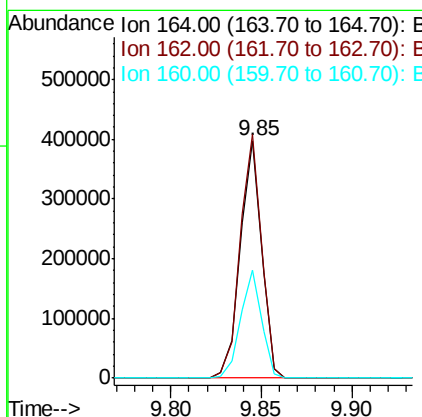
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.02 min
Lab File: BF119744.D
Acq: 4 Apr 2020 4:53

Tgt Ion	164	Resp	326035
Ion Ratio	100	Lower	Upper
162	102.5	80.6	121.0
160	45.7	35.7	53.5





#42

2,4,6-Tribromophenol

Concen: 172.526 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF119744.D

Acq: 4 Apr 2020 4:53

Instrument :

BNA_F

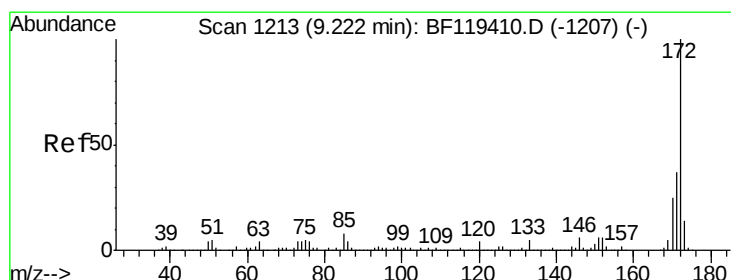
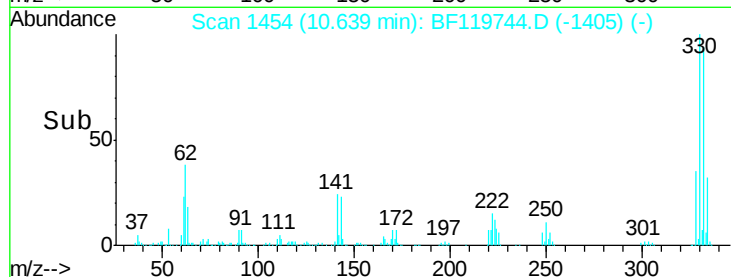
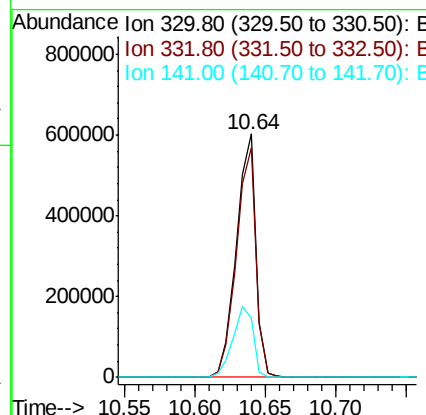
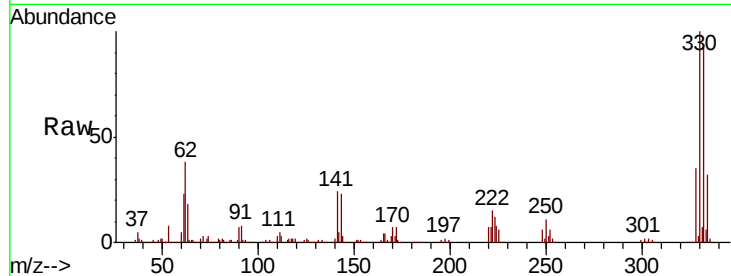
ClientSampleId :

TP-2

Tot Ion:	330	Resp:	580308
Ion Ratio	Lower	Upper	
330	100		
332	95.0	75.7	113.5
141	30.6	25.4	38.0

Manual Integrations
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#45

2-Fluorobiphenyl

Concen: 118.104 ng

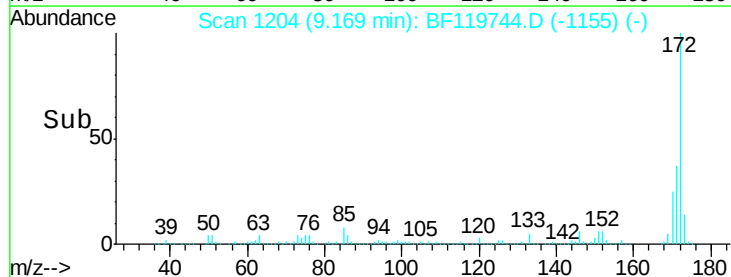
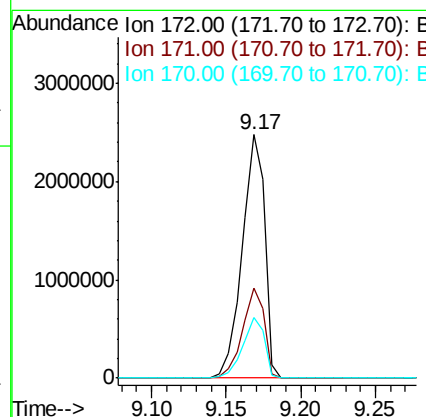
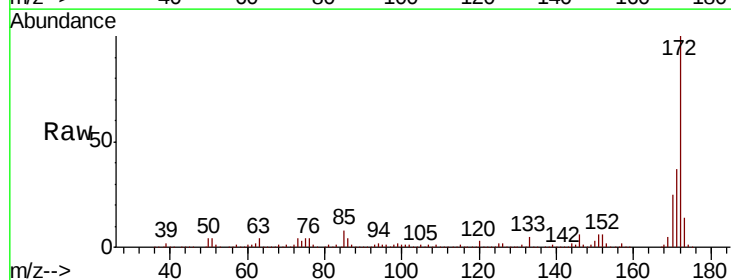
RT: 9.17 min Scan# 1204

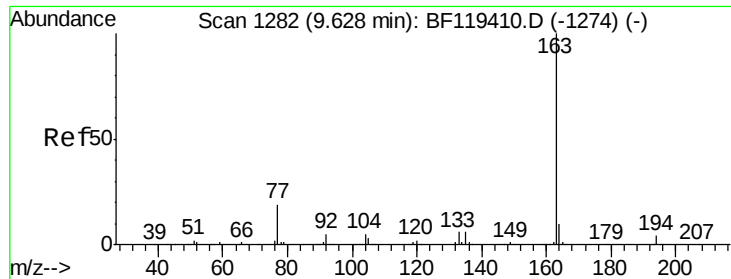
Delta R.T. -0.01 min

Lab File: BF119744.D

Acq: 4 Apr 2020 4:53

Tgt Ion:	172	Resp:	2599169
Ion Ratio	Lower	Upper	
172	100		
171	37.1	29.6	44.4
170	24.7	20.2	30.2





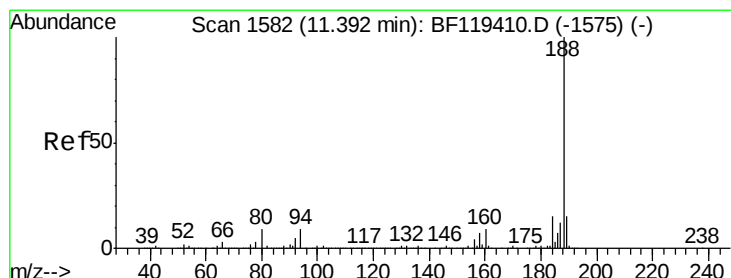
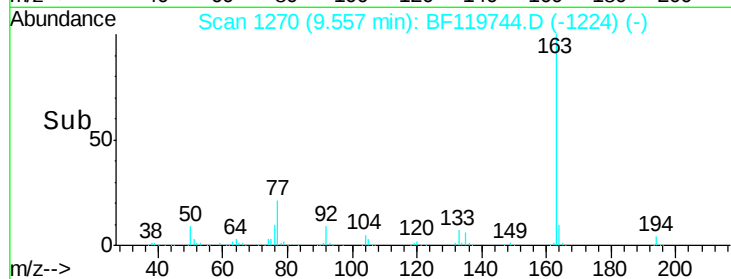
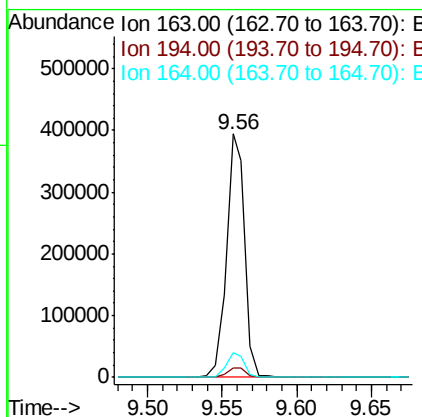
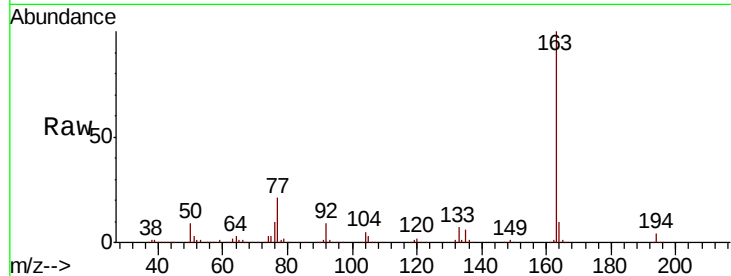
#50
Dimethylphthalate
Concen: 14.680 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.03 min
Lab File: BF119744.D
Acq: 4 Apr 2020 4:53

Instrument :
BNA_F
ClientSampled :
TP-2

Tot Ion	Ratio	Resp	Lower	Upper
163	100	339968		
194	3.8		3.1	4.7
164	9.9		8.2	12.2

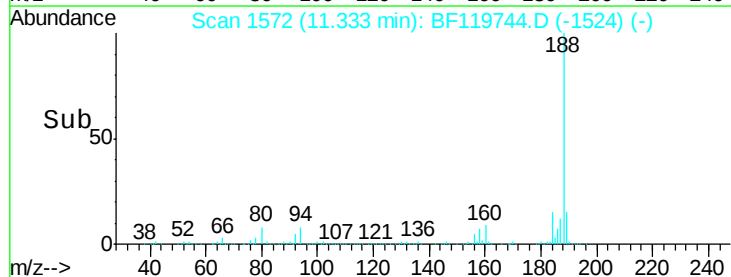
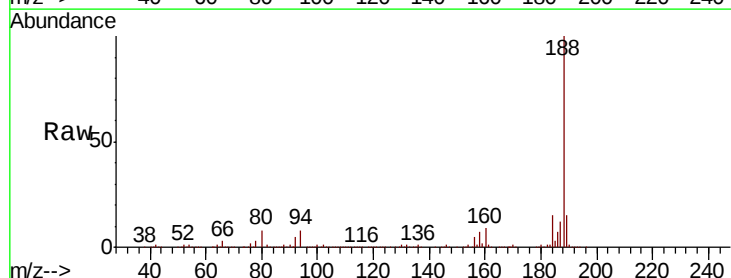
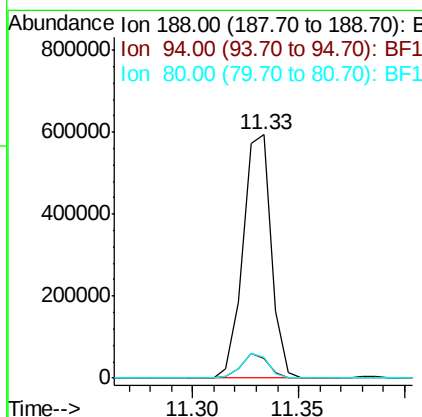
Manual Integrations
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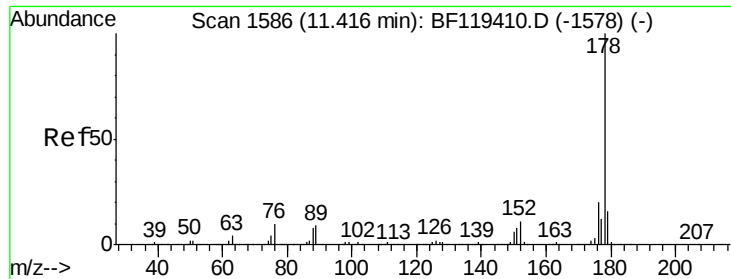
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.02 min
Lab File: BF119744.D
Acq: 4 Apr 2020 4:53

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	549667		
94	8.2		7.5	11.3
80	8.4		9.0	13.4





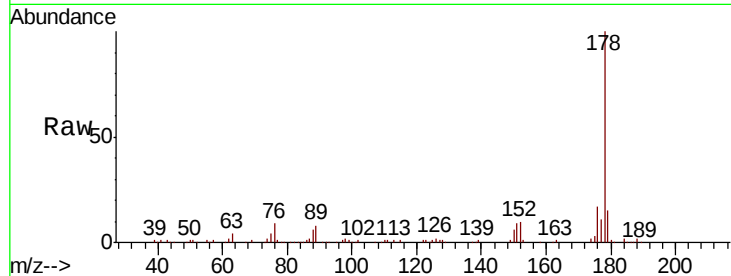
#71
Phenanthrene
Concen: 4.292 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF119744.D
Acq: 4 Apr 2020 4:53

Instrument :
BNA_F
ClientSampleId :
TP-2

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.4	16.2	24.4
179	15.5	13.2	19.8

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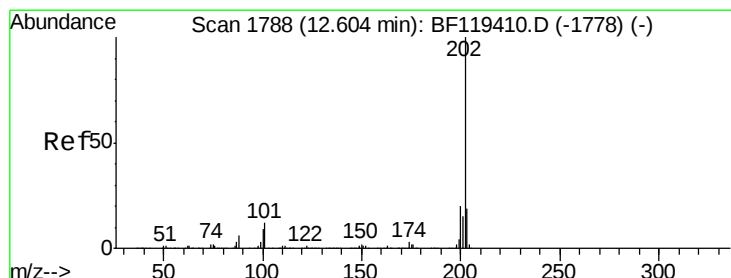
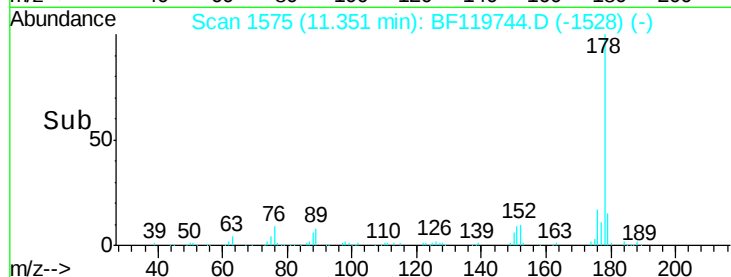
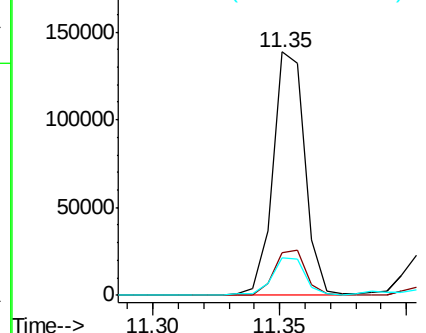


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75
Fluoranthene
Concen: 5.800 ng
RT: 12.55 min Scan# 1778
Delta R.T. -0.02 min
Lab File: BF119744.D
Acq: 4 Apr 2020 4:53

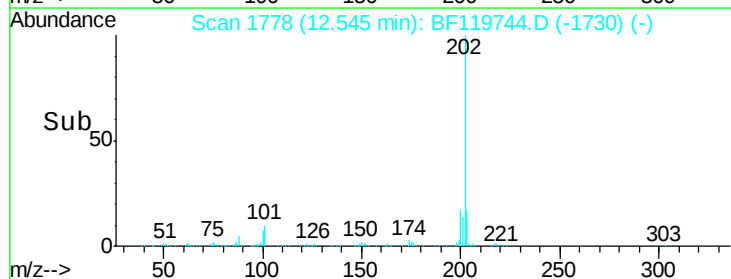
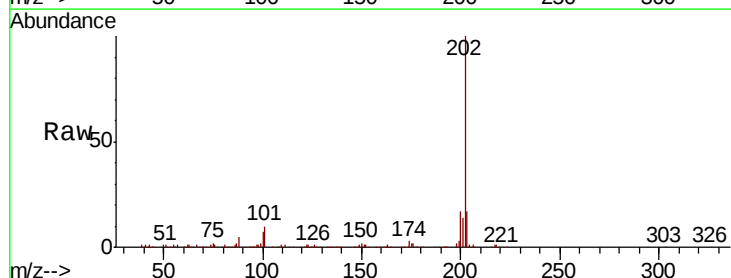
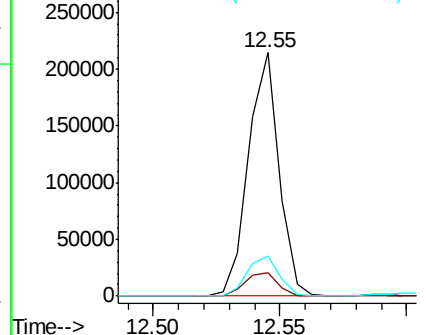
Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	32.2
203	16.6	0.0	38.8

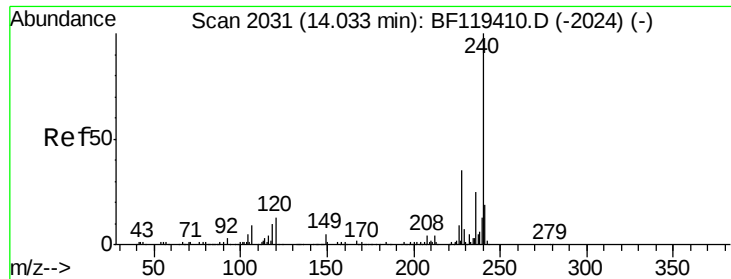
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





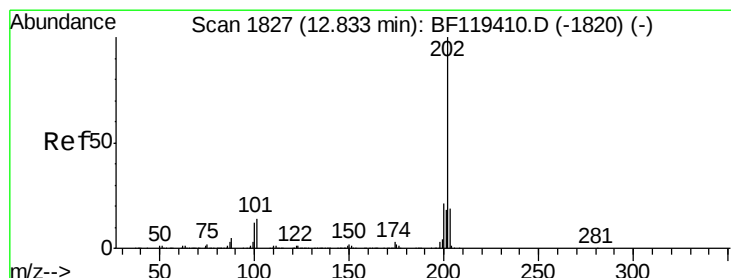
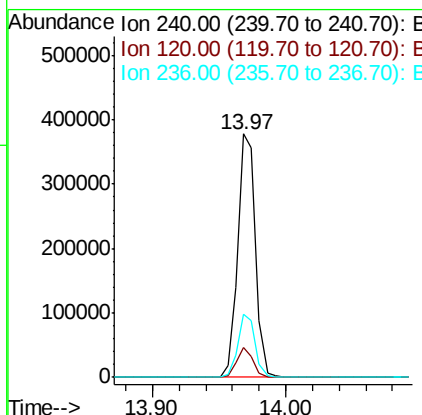
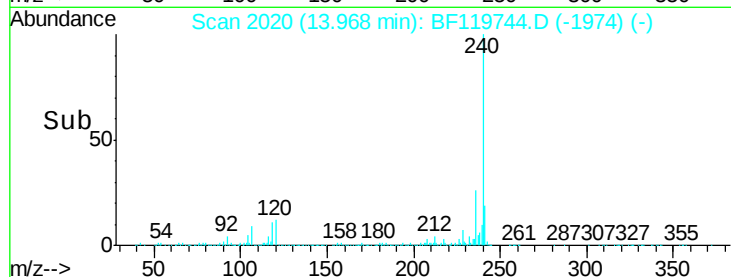
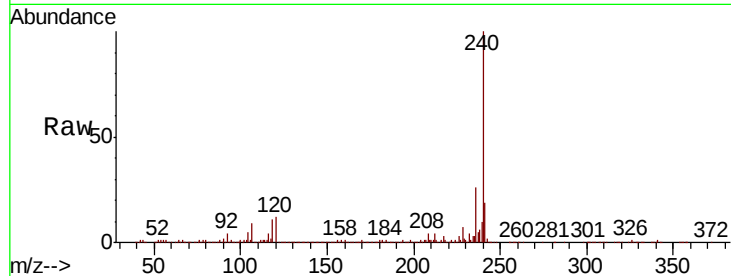
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.03 min
Lab File: BF119744.D
Acq: 4 Apr 2020 4:53

Instrument :
BNA_F
ClientSampled :
TP-2

Tot Ion	Ratio	Resp	Lower	Upper
240	100	351421		
120	12.3	10.6	15.8	
236	26.0	20.2	30.2	

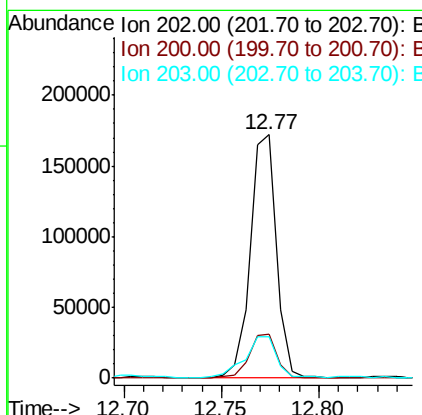
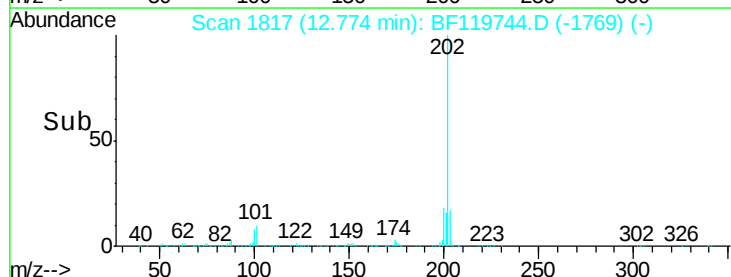
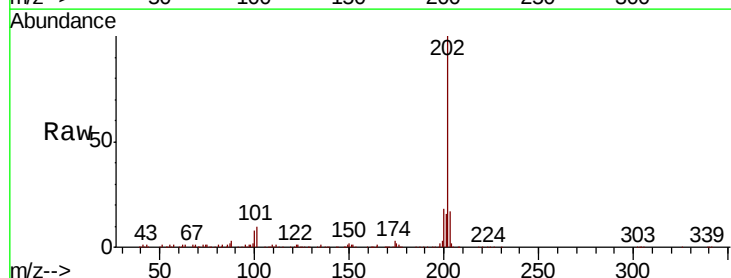
Manual Integrations
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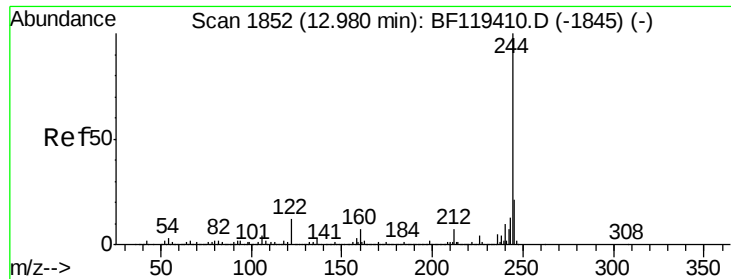
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#78
Pyrene
Concen: 5.570 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.02 min
Lab File: BF119744.D
Acq: 4 Apr 2020 4:53

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	160634		
200	18.2	16.8	25.2	
203	17.1	15.1	22.7	





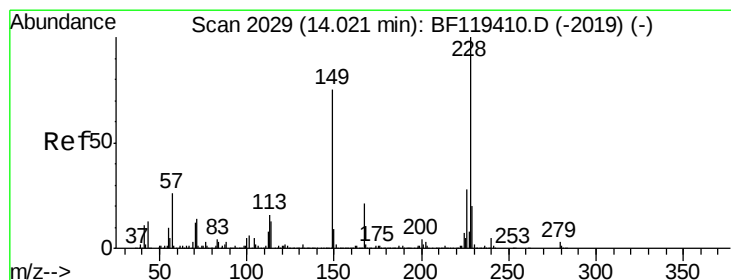
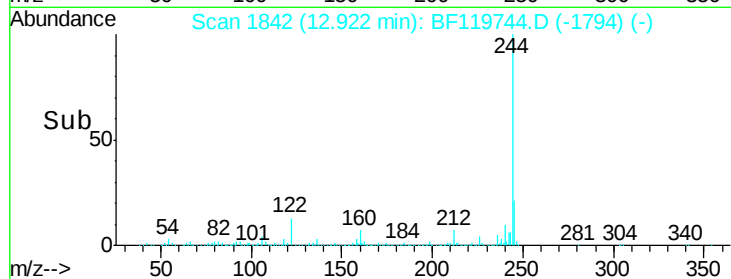
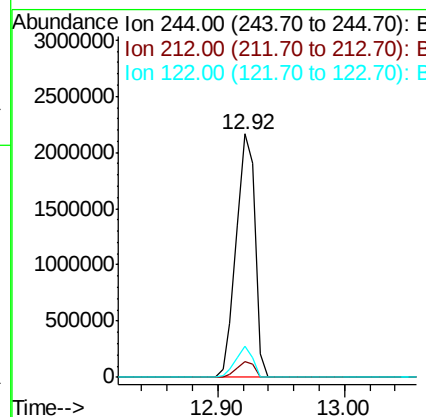
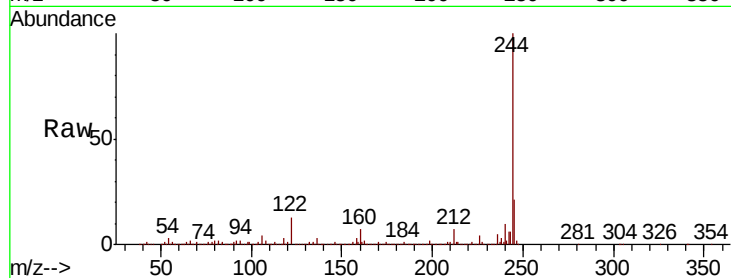
#79
 Terphenyl-d14
 Concen: 122.238 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. -0.02 min
 Lab File: BF119744.D
 Acq: 4 Apr 2020 4:53

Instrument :
 BNA_F
 ClientSampled :
 TP-2

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.8
122	12.8	10.3	15.5

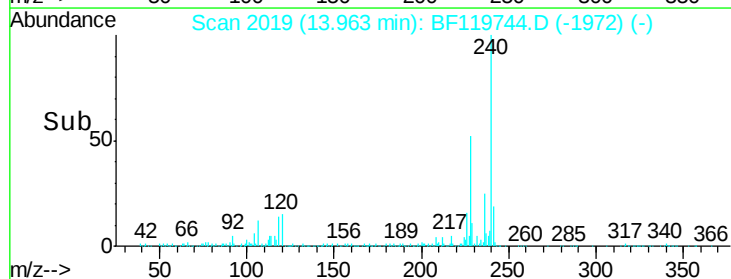
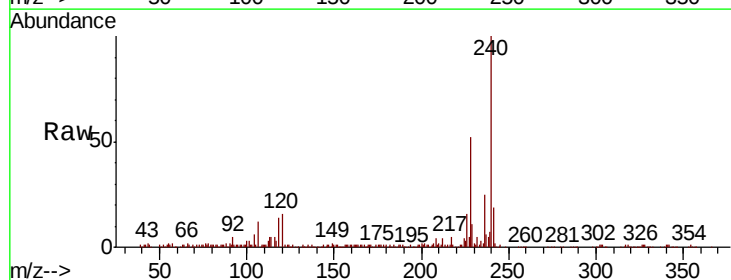
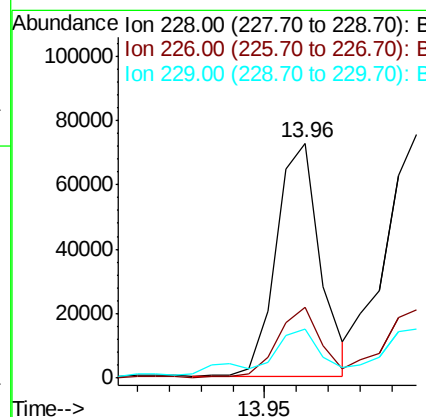
Manual Integrations
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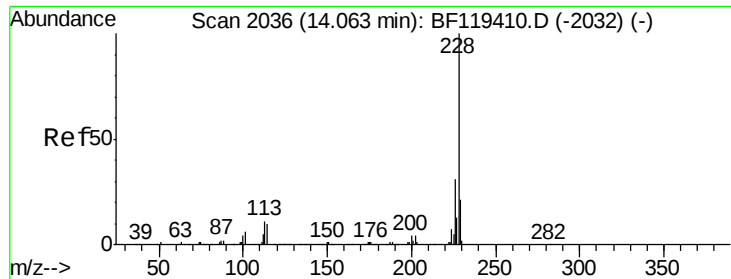
mohammad
 4/6/2020 1:39:05 PM



#81
 Benzo(a)anthracene
 Concen: 3.055 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.02 min
 Lab File: BF119744.D
 Acq: 4 Apr 2020 4:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	21.8	32.8
229	20.7	16.2	24.4





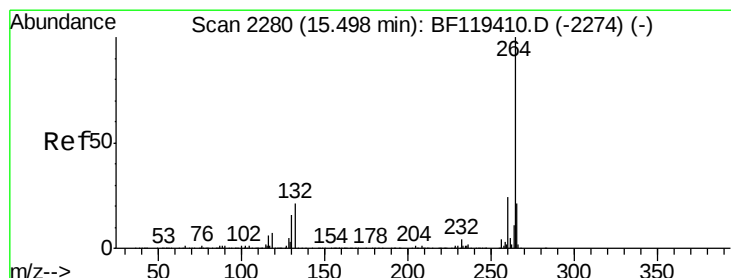
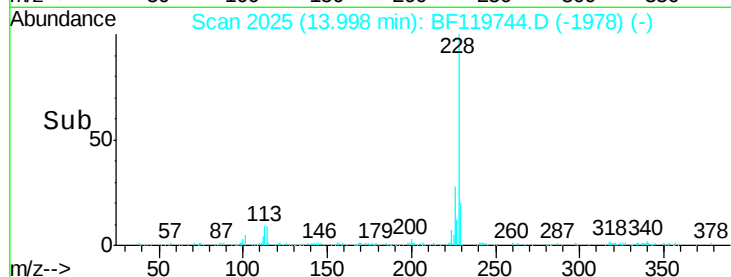
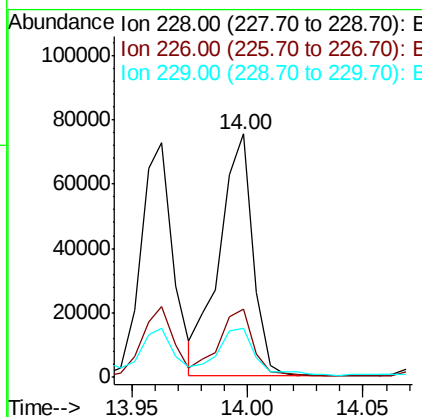
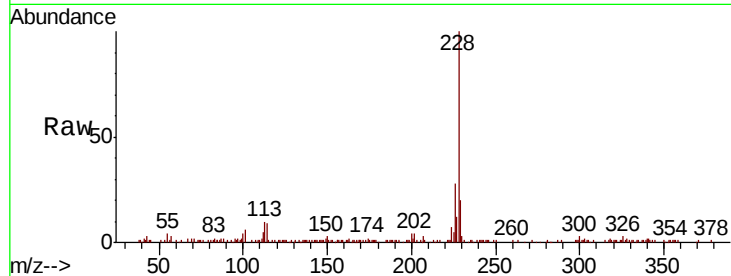
#83
Chrysene
Concen: 3.221 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.02 min
Lab File: BF119744.D
Acq: 4 Apr 2020 4:53

Instrument :
BNA_F
ClientSampled :
TP-2

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.1	25.4	38.0
229	20.4	16.6	24.8

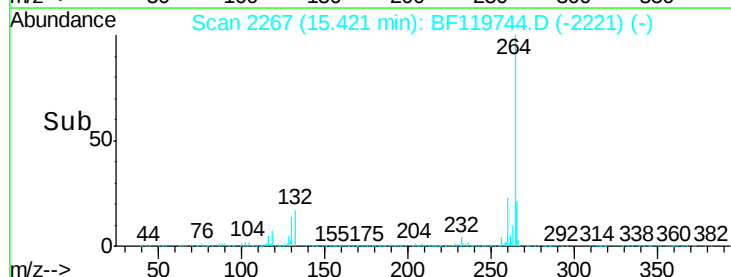
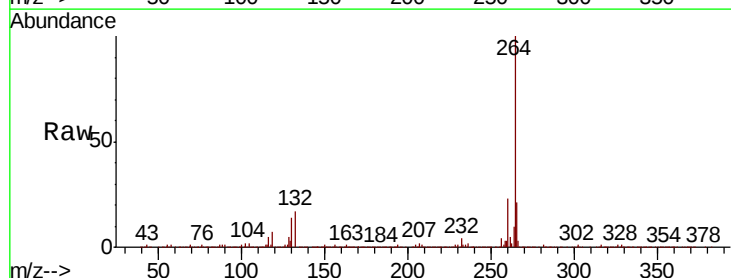
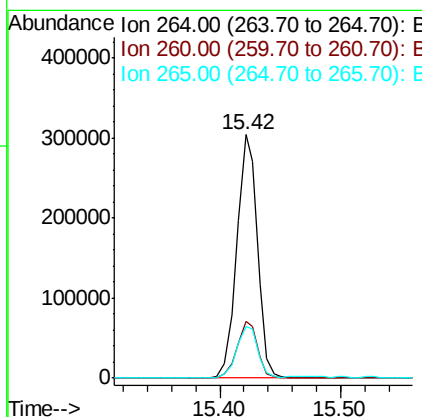
Manual Integrations
APPROVED

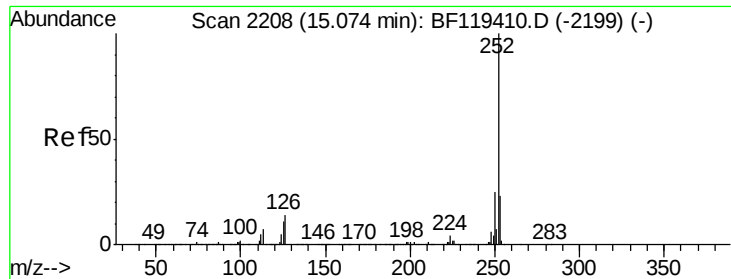
mohammad
4/6/2020 1:39:05 PM



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.03 min
Lab File: BF119744.D
Acq: 4 Apr 2020 4:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.7	28.1
265	21.0	17.7	26.5





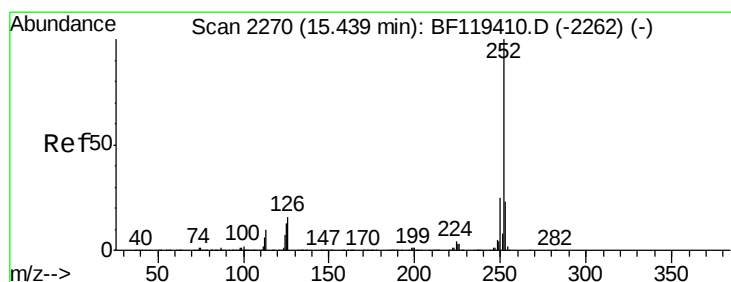
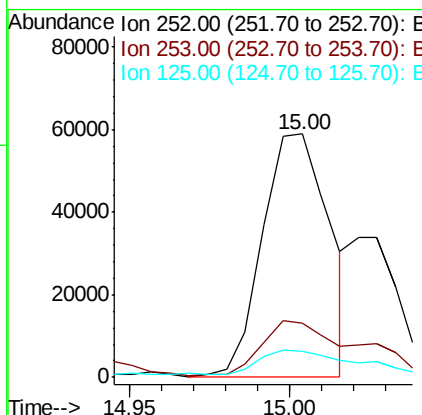
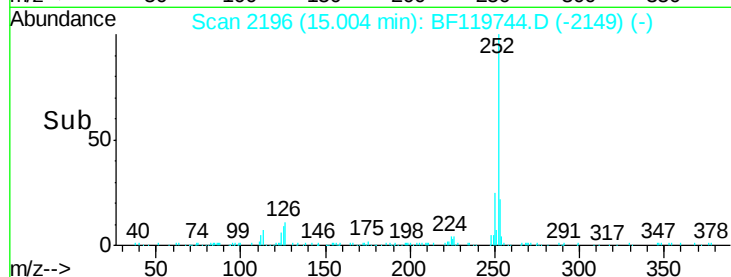
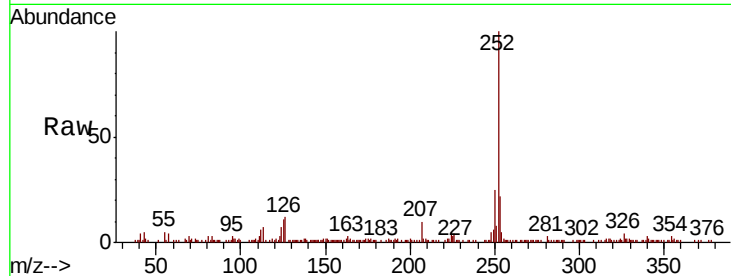
#88
Benzo(b)fluoranthene
Concen: 3.539 ng/mL
RT: 15.00 min Scan# 2196
Delta R.T. -0.02 min
Lab File: BF119744.D
Acq: 4 Apr 2020 4:53

Instrument :
BNA_F
ClientSampleId :
TP-2

Tot Ion:	252	Resp:	85621
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.4	26.0
125	10.9	7.9	11.9

Manual Integrations
APPROVED

mohammad
4/6/2020 1:39:05 PM



#90
Benzo(a)pyrene
Concen: 2.777 ng/mL
RT: 15.36 min Scan# 2256
Delta R.T. -0.04 min
Lab File: BF119744.D
Acq: 4 Apr 2020 4:53

Tgt Ion:	252	Resp:	61051
Ion Ratio	Lower	Upper	
252	100		
253	23.1	18.2	27.2
125	11.9	9.4	14.2

