

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF033120\
 Data File : BF119660.D
 Acq On : 31 Mar 2020 19:01
 Operator : MA/SJ
 Sample : L2055-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-8-(1-3)

Manual Integrations
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mohammad
 4/1/2020 11:55:40 AM

Quant Time: Apr 08 08:44:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 31 14:11:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	290297	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1052414	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	491980	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	773299	20.00	ng	0.00
76) Chrysene-d12	14.01	240	512128	20.00	ng	0.00
87) Perylene-d12	15.48	264	485475	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1706546	93.58	ng	0.01
7) Phenol-d6	6.46	99	2134409	91.63	ng	0.00
23) Nitrobenzene-d5	7.39	82	1280950	66.15	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	456274	89.90	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2270028	68.36	ng	0.00
79) Terphenyl-d14	12.96	244	1877563	71.83	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	268563	7.685	ng	98
78) Pyrene	12.81	202	88087	2.096	ng	97
88) Benzo(b)fluoranthene	15.05	252	82389m	2.541	ng	

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

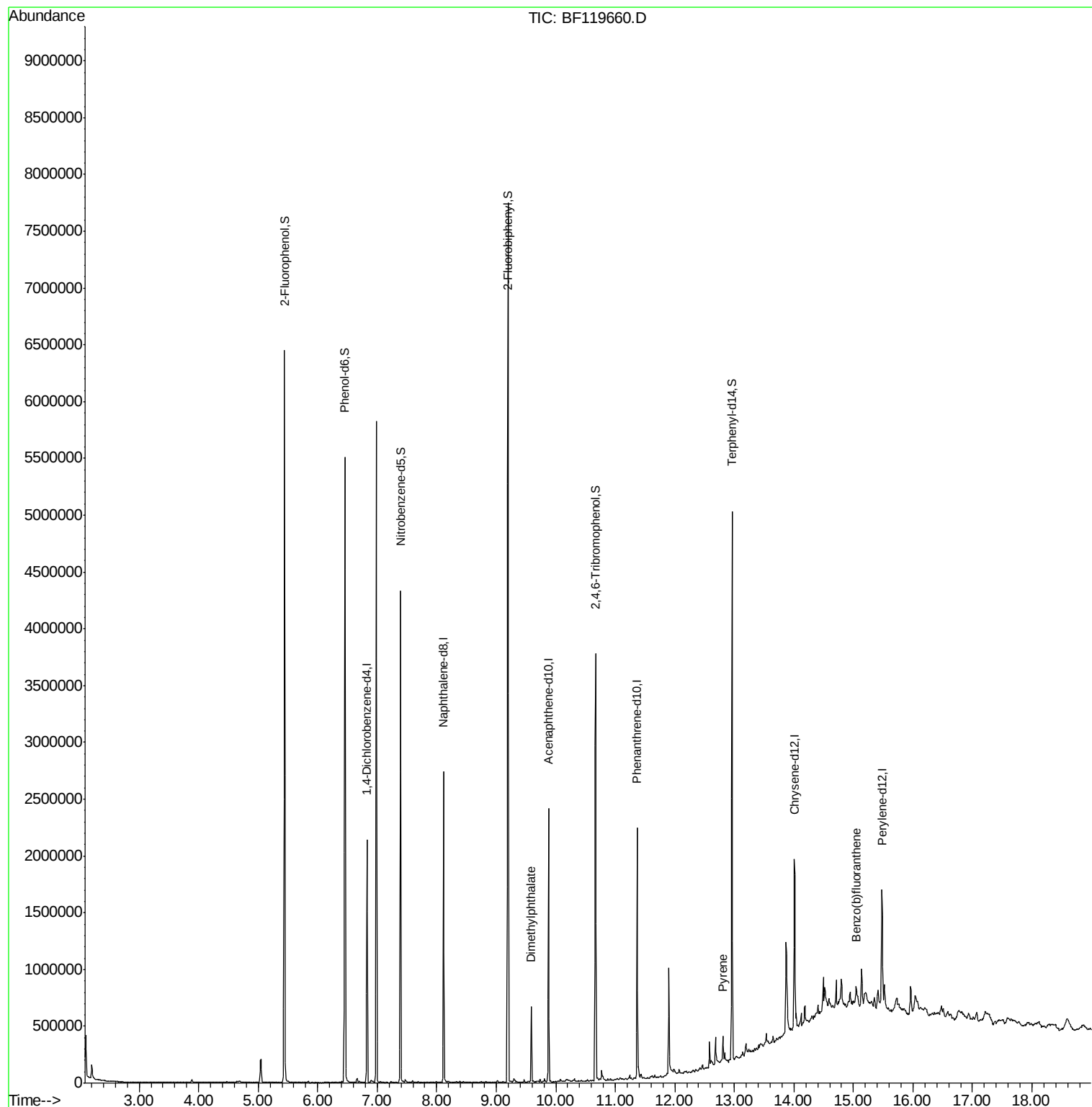
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF033120\
Data File : BF119660.D
Acq On : 31 Mar 2020 19:01
Operator : MA/SJ
Sample : L2055-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

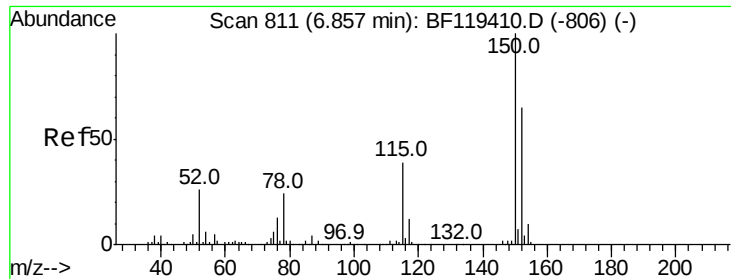
Instrument :
BNA_F
ClientSampleId :
SB-8-(1-3)

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Quant Time: Apr 08 08:44:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

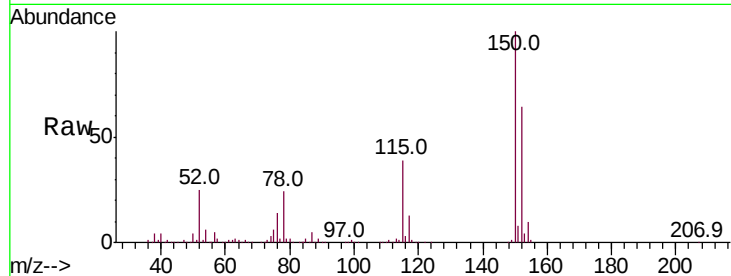
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.00 min
Lab File: BF119660.D
Acq: 31 Mar 2020 19:01

Instrument :
BNA_F
ClientSampleId :
SB-8-(1-3)

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.5	186.7
115	60.5	49.6	74.4

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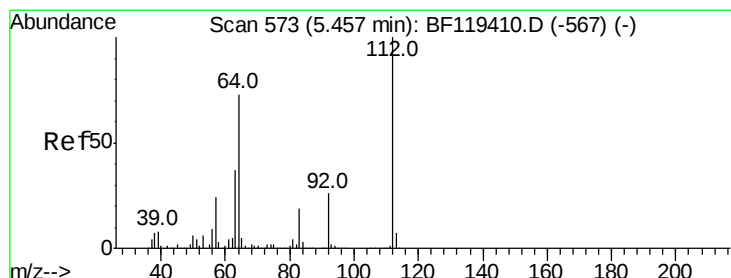
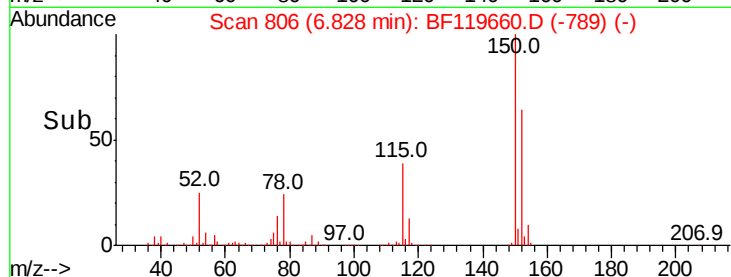
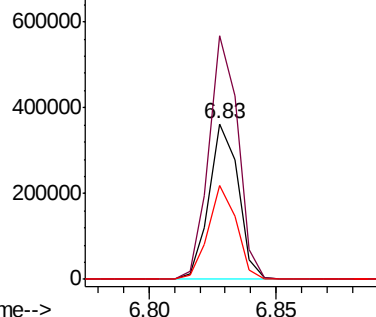


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

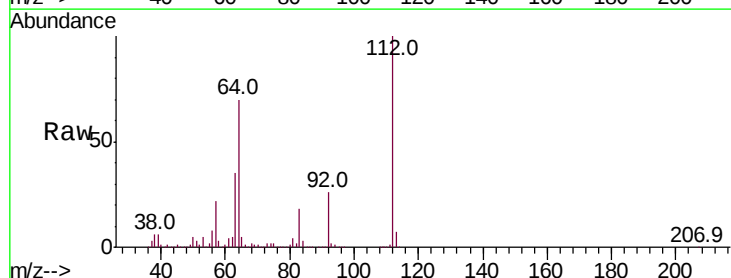
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 93.582 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF119660.D
Acq: 31 Mar 2020 19:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.0	56.7	85.1
63	35.4	29.5	44.3

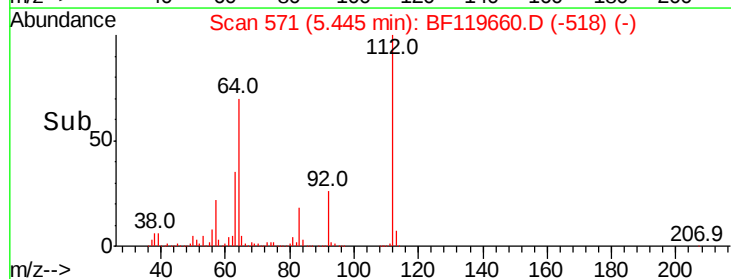
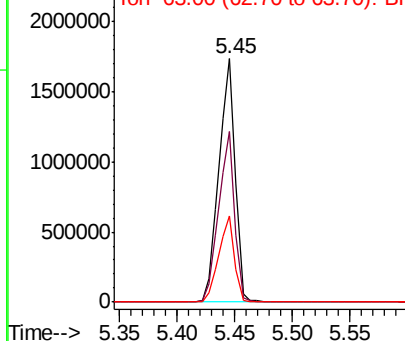


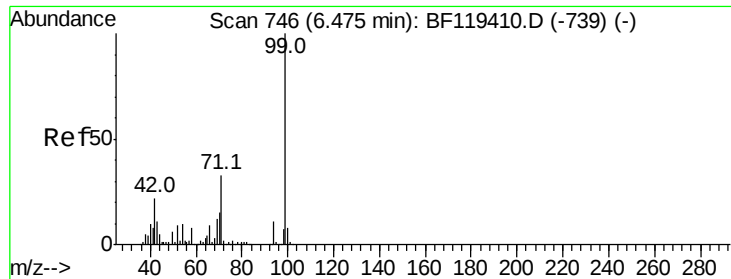
Abundance

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: 91.625 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF119660.D

Acq: 31 Mar 2020 19:01

Instrument :

BNA_F

ClientSampleId :

SB-8-(1-3)

Tot Ion: 99 Resp: 2134409

Ion Ratio Lower Upper

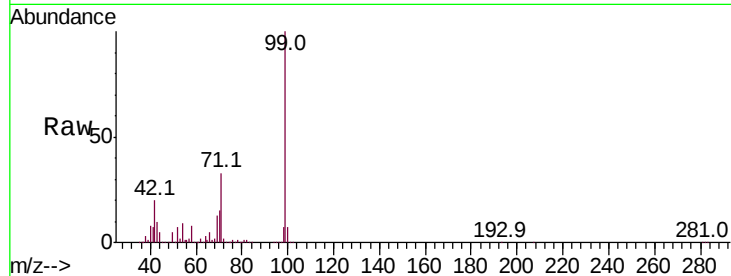
99 100

42 20.2 16.6 24.8

71 32.8 26.4 39.6

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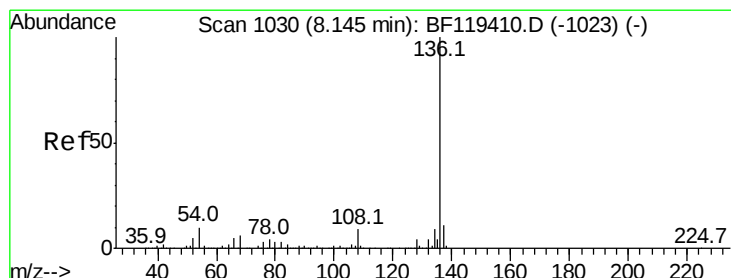
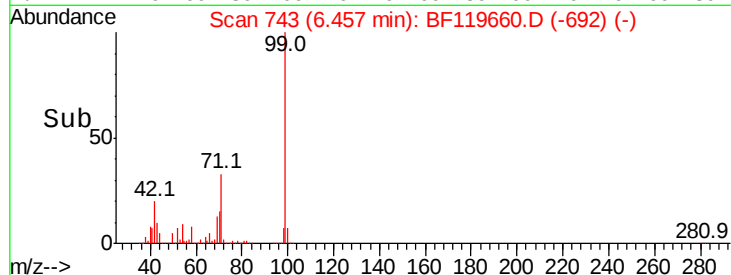
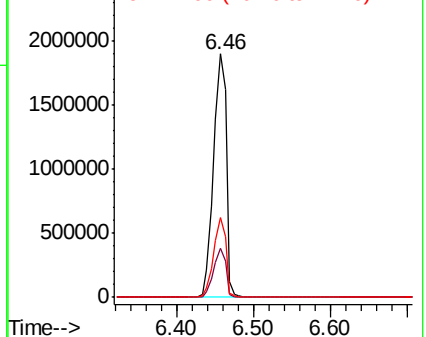


Abundance

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: 8.12 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BF119660.D

Acq: 31 Mar 2020 19:01

Tgt Ion: 136 Resp: 1052414

Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 10.2 9.1 13.7

68 6.3 4.6 6.8

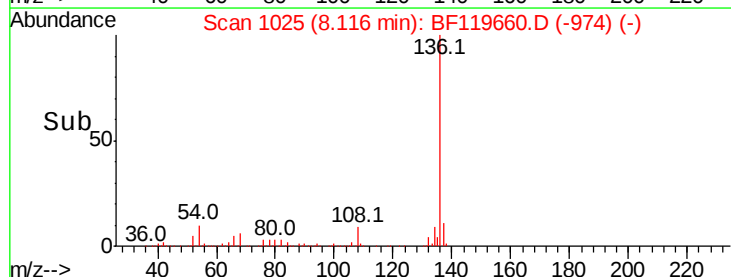
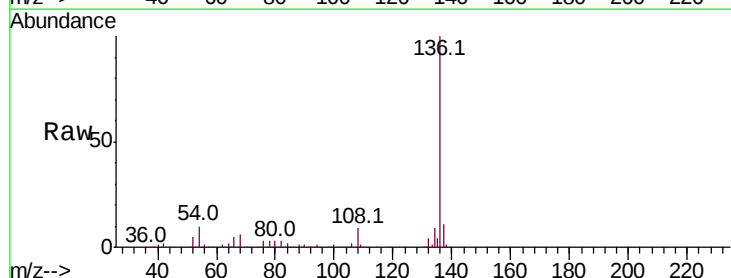
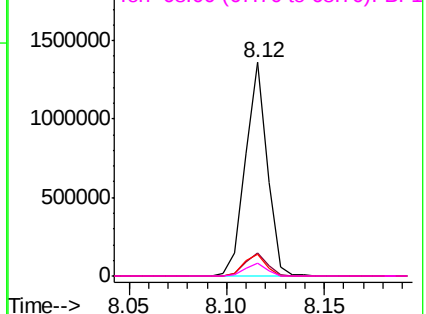
Abundance

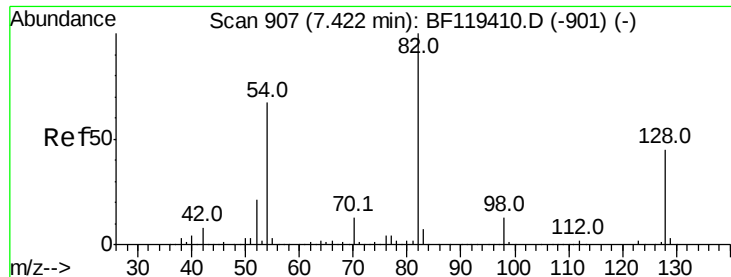
Ion 136.00 (135.70 to 136.70): E

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





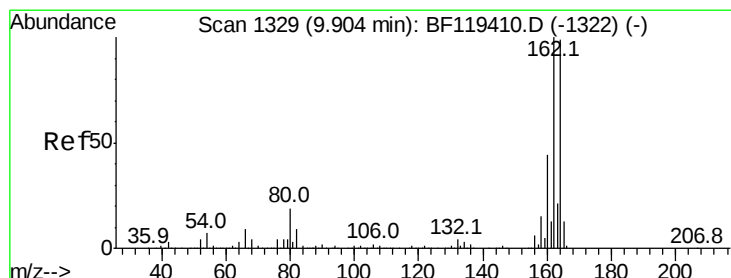
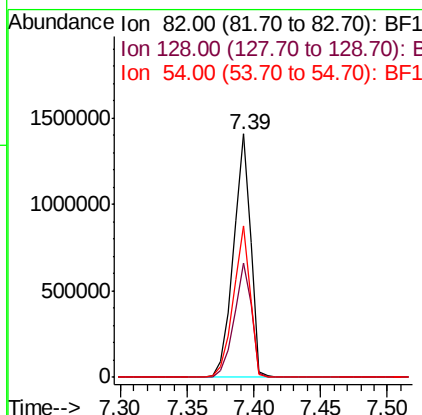
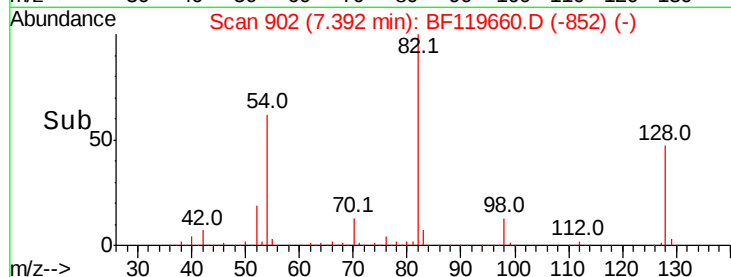
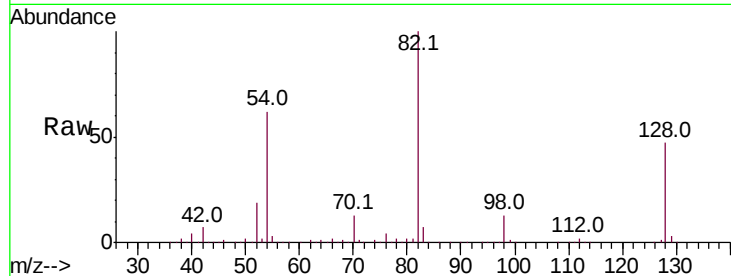
#23
Nitrobenzene-d5
Concen: 66.150 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF119660.D
Acq: 31 Mar 2020 19:01

Instrument :
BNA_F
ClientSampleId :
SB-8-(1-3)

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.8	36.3	54.5
54	62.1	50.6	75.8

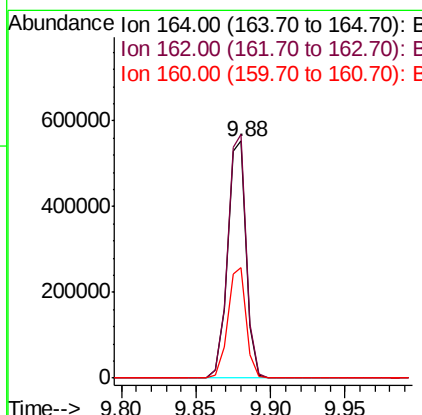
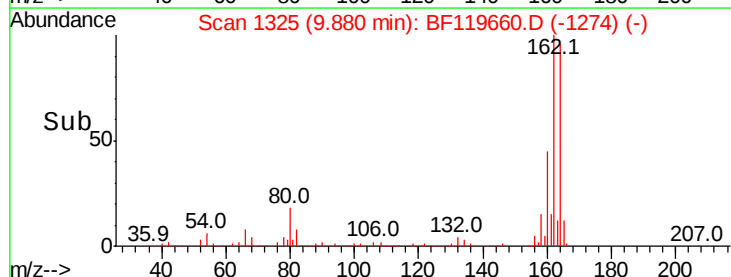
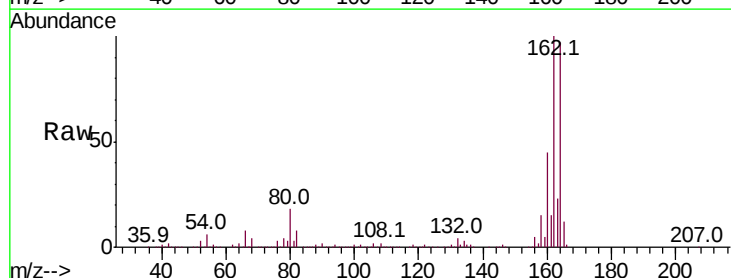
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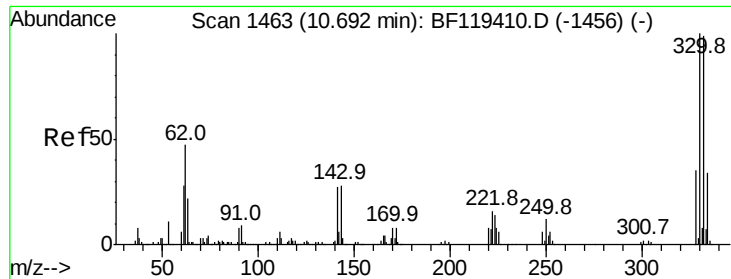
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BF119660.D
Acq: 31 Mar 2020 19:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	80.6	121.0
160	46.6	35.7	53.5





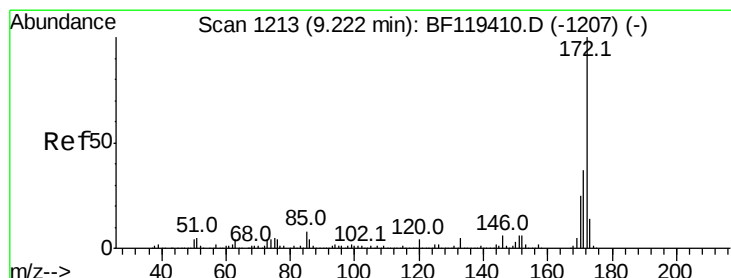
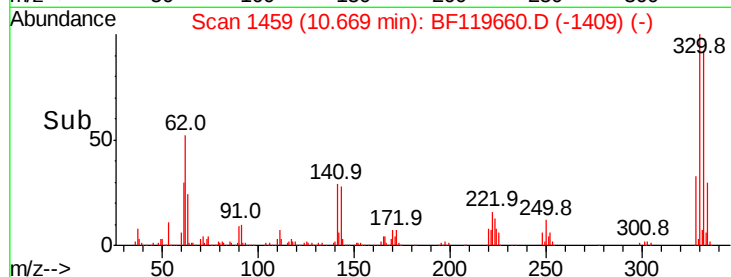
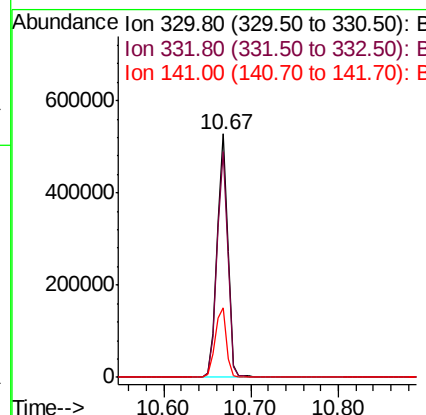
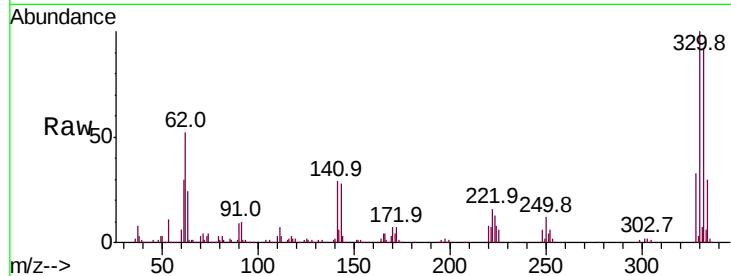
#42
 2,4,6-Tribromophenol
 Concen: 89.896 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF119660.D
 Acq: 31 Mar 2020 19:01

Instrument :
 BNA_F
 ClientSampleId :
 SB-8-(1-3)

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.4	75.7	113.5
141	30.0	25.4	38.0

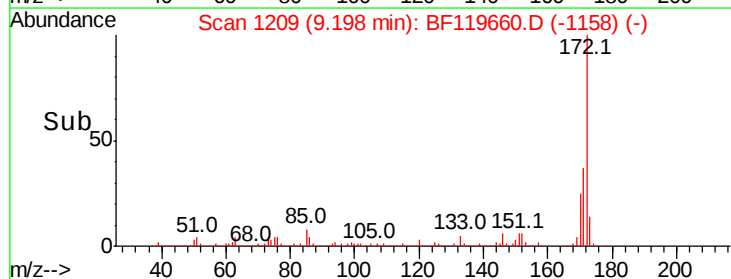
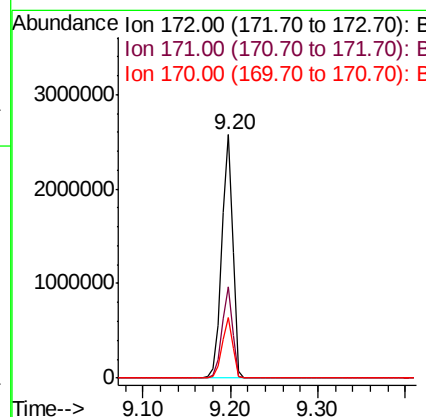
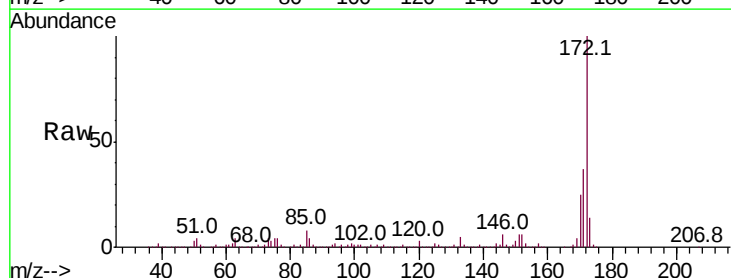
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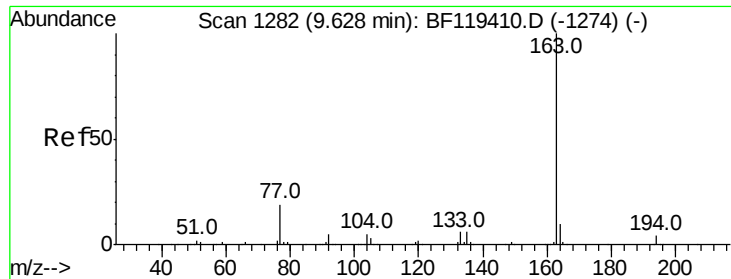
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#45
 2-Fluorobiphenyl
 Concen: 68.356 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.00 min
 Lab File: BF119660.D
 Acq: 31 Mar 2020 19:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.6	44.4
170	25.1	20.2	30.2





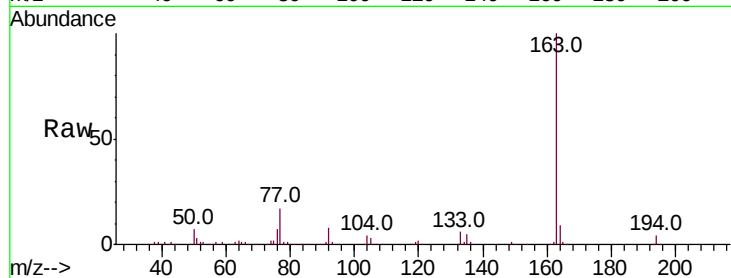
#50
Dimethylphthalate
Concen: 7.685 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BF119660.D
Acq: 31 Mar 2020 19:01

Instrument :
BNA_F
ClientSampleId :
SB-8-(1-3)

Tot Ion	Ratio	Resp	Lower	Upper
163	100	268563		
194	4.1		3.1	4.7
164	9.3		8.2	12.2

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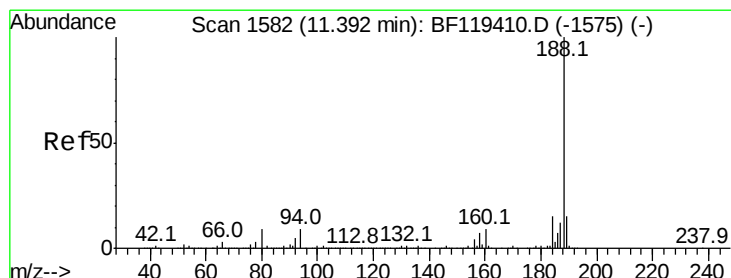
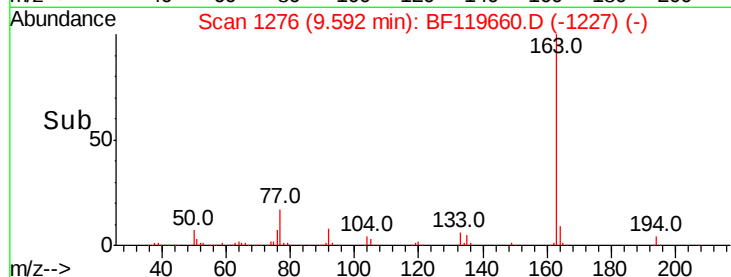
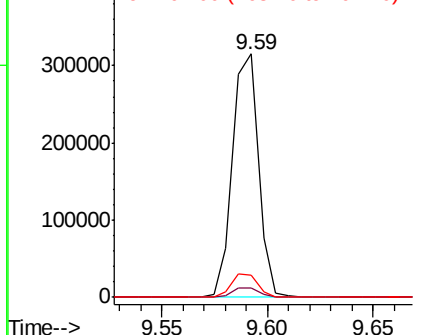


Abundance

Ion 163.00 (162.70 to 163.70): E

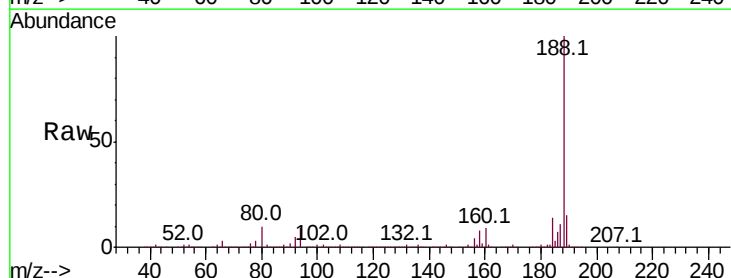
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF119660.D
Acq: 31 Mar 2020 19:01

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	773299		
94	9.1		7.5	11.3
80	9.7		9.0	13.4

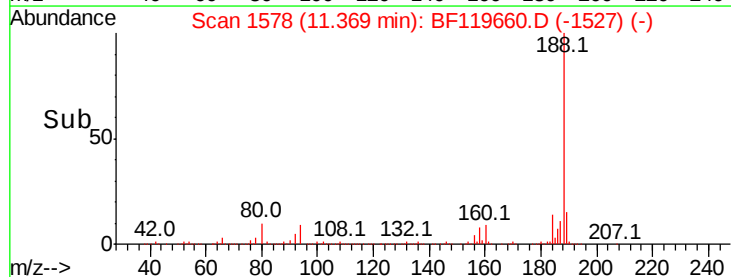
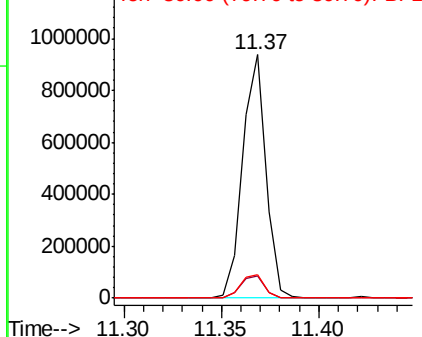


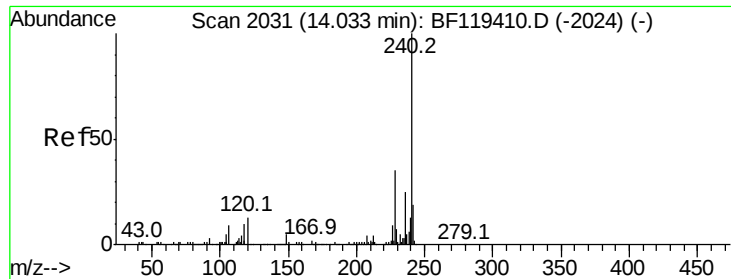
Abundance

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





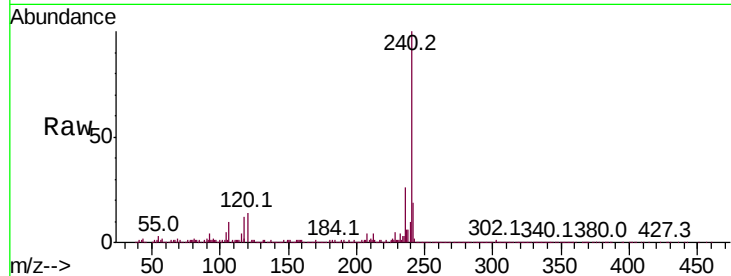
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF119660.D
Acq: 31 Mar 2020 19:01

Instrument :
BNA_F
ClientSampleId :
SB-8-(1-3)

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.0	10.6	15.8
236	25.9	20.2	30.2

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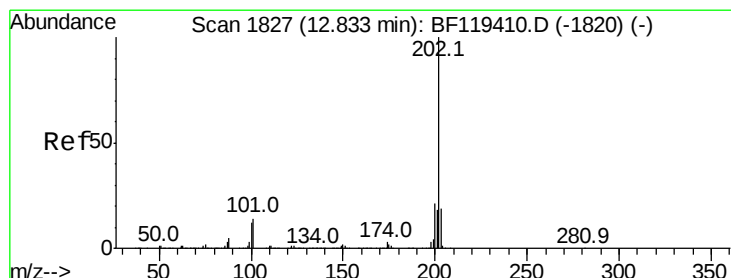
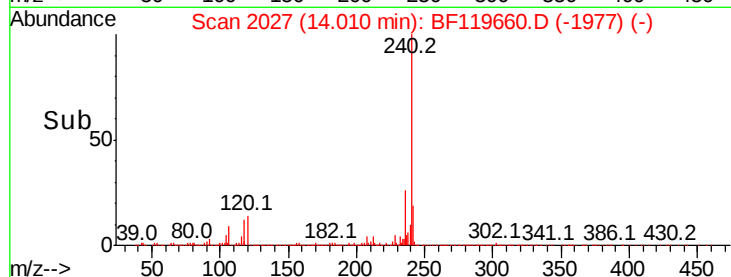
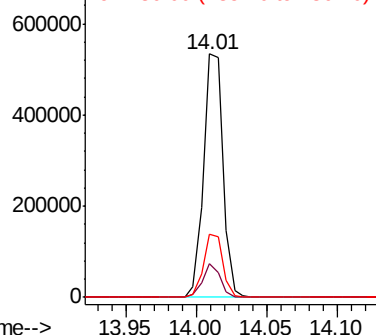


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78
Pyrene
Concen: 2.096 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BF119660.D
Acq: 31 Mar 2020 19:01

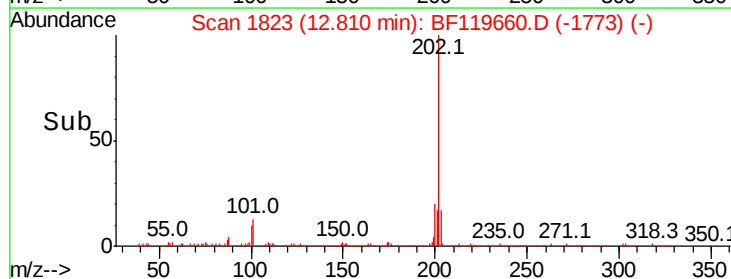
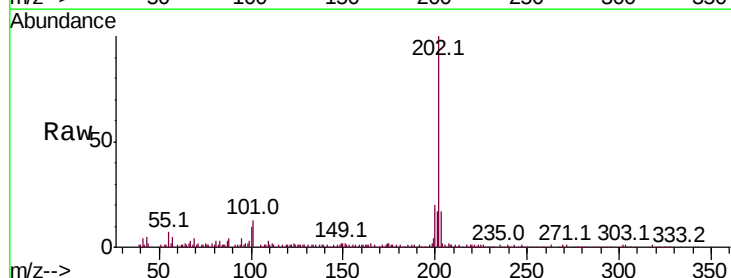
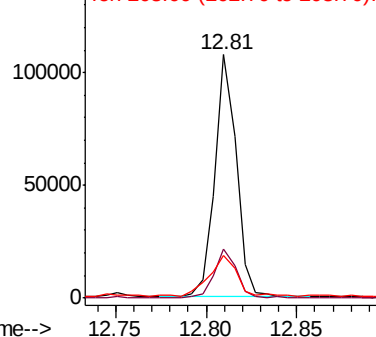
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.0	16.8	25.2
203	17.4	15.1	22.7

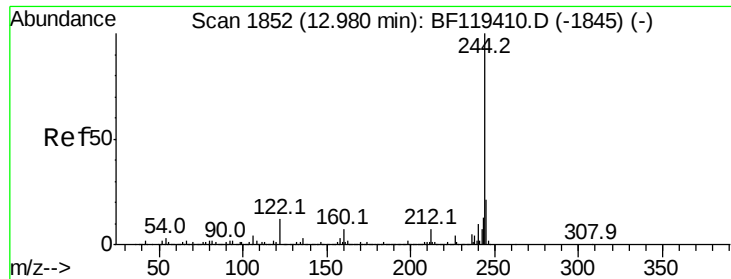
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 71.829 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.00 min

Lab File: BF119660.D

Acq: 31 Mar 2020 19:01

Instrument :

BNA_F

ClientSampleId :

SB-8-(1-3)

Tot Ion:244 Resp: 1877563

Ion Ratio Lower Upper

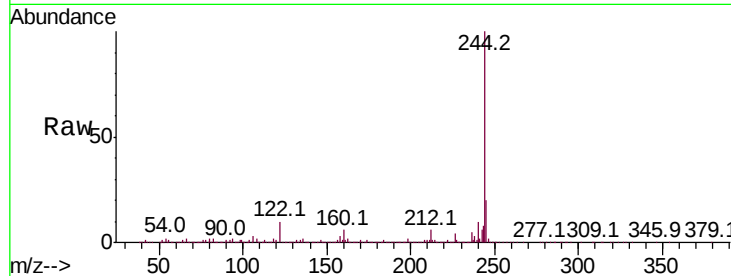
244 100

212 6.0 5.8 8.8

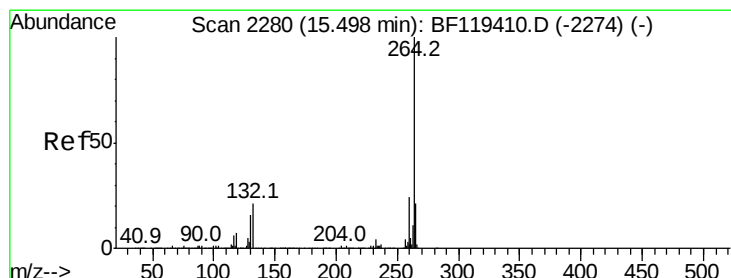
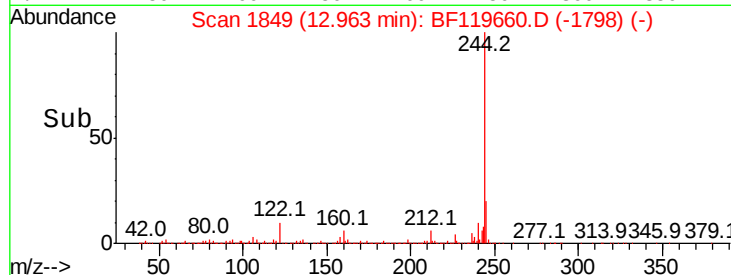
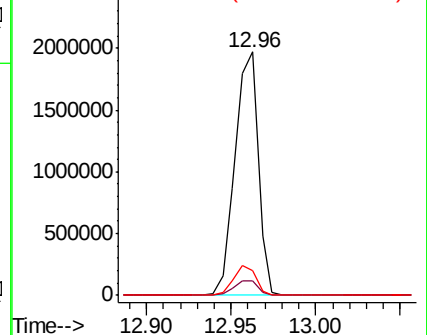
122 10.4 10.3 15.5

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.48 min Scan# 2277

Delta R.T. -0.00 min

Lab File: BF119660.D

Acq: 31 Mar 2020 19:01

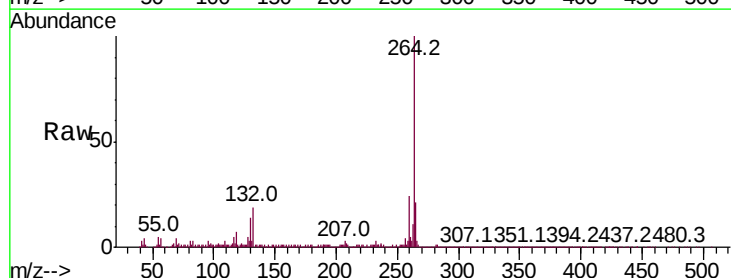
Tgt Ion:264 Resp: 485475

Ion Ratio Lower Upper

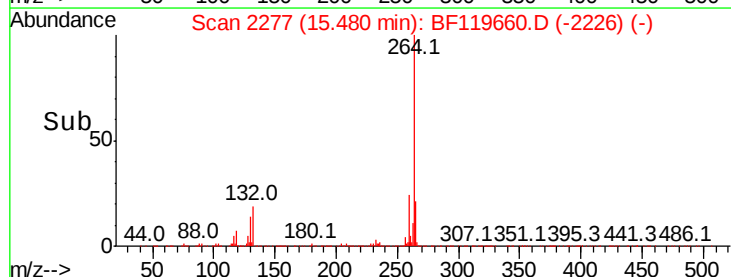
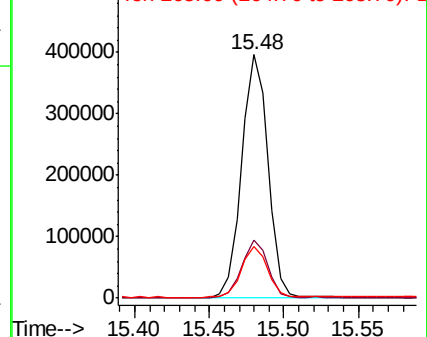
264 100

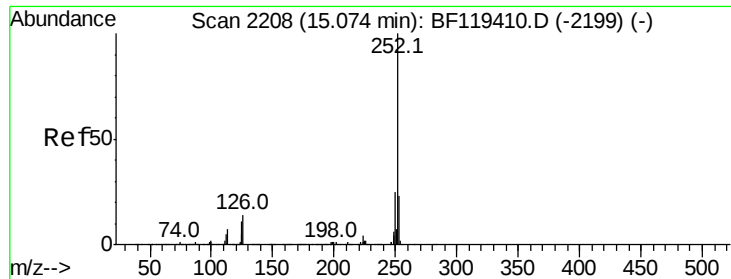
260 23.9 18.7 28.1

265 21.3 17.7 26.5



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: 2.541 ng/mL

RT: 15.05 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BF119660.D

Acq: 31 Mar 2020 19:01

Instrument :

BNA_F

ClientSampleId :

SB-8-(1-3)

Tot Ion:	252	Resp:	82389
Ion Ratio	Lower	Upper	
252	100		
253	24.7	17.4	26.0
125	18.2	7.9	11.9#

Manual Integrations
APPROVED

mohammad
4/1/2020 11:55:40 AM

