

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
 Data File : BF119434.D
 Acq On : 19 Mar 2020 00:20
 Operator : CG/JU
 Sample : L1943-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-8A

Manual Integrations
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Quant Time: Mar 19 08:11:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 15:11:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	351951	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1316718	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	646380	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	1120487	20.00	ng	0.00
76) Chrysene-d12	14.02	240	639771	20.00	ng	-0.01
87) Perylene-d12	15.50	264	661665	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	2089860	94.53	ng	0.01
7) Phenol-d6	6.47	99	2693973	95.39	ng	0.00
23) Nitrobenzene-d5	7.42	82	1654387	68.29	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	618079	92.69	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2808689	64.37	ng	0.00
79) Terphenyl-d14	12.97	244	2433365	74.52	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.61	163	271071	5.904	ng	99
75) Fluoranthene	12.60	202	193754	3.081	ng	95
78) Pyrene	12.82	202	172040	3.277	ng	98
88) Benzo(b)fluoranthene	15.06	252	98273m	2.223	ng	

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

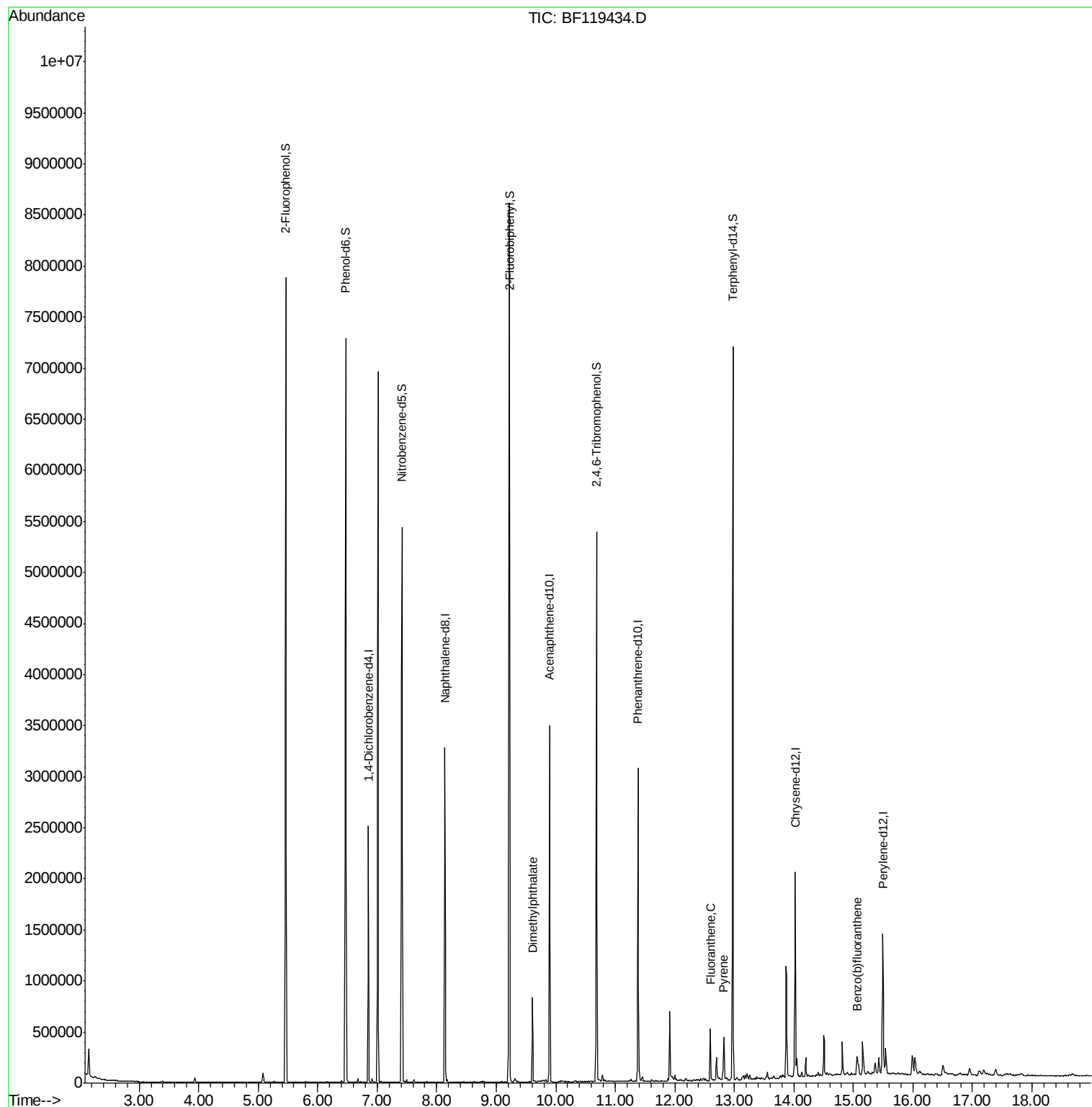
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119434.D
Acq On : 19 Mar 2020 00:20
Operator : CG/JU
Sample : L1943-02
Misc :
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#1

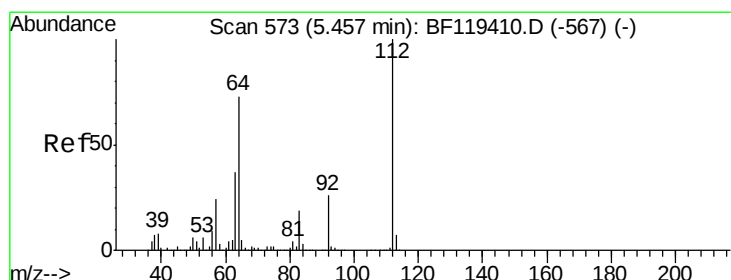
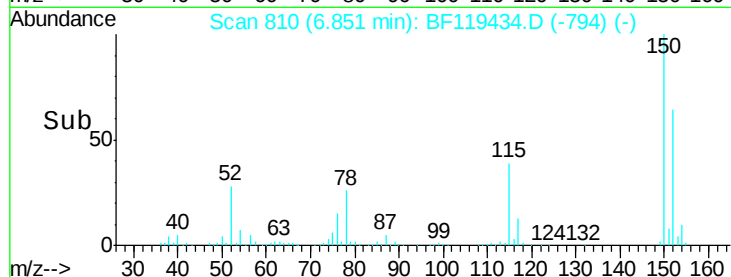
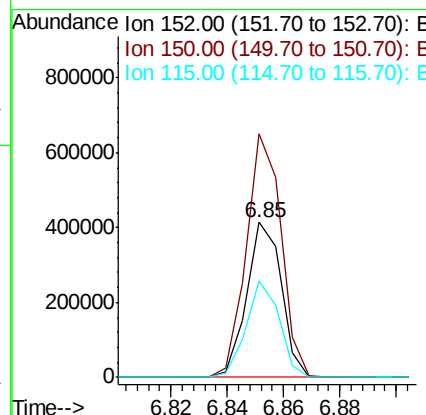
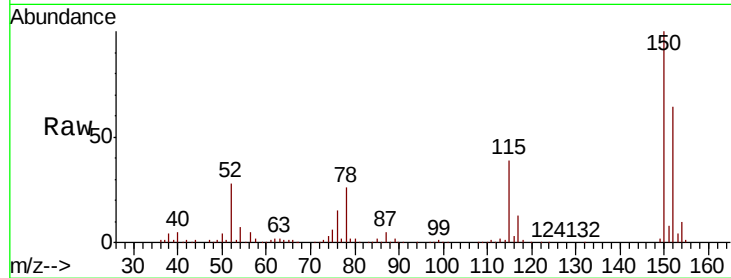
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF119434.D
Acq: 19 Mar 2020 00:20

Instrument :
BNA_F
ClientSampleId :
TP-8A

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	123.9	185.9
115	61.9	47.8	71.6

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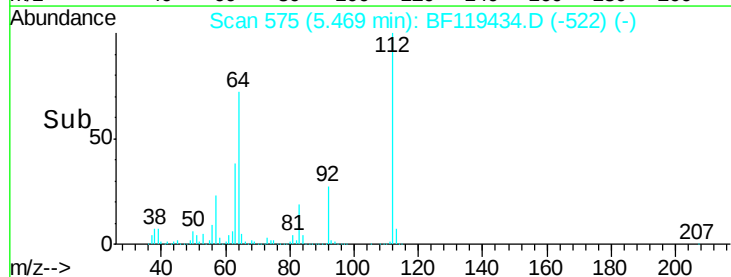
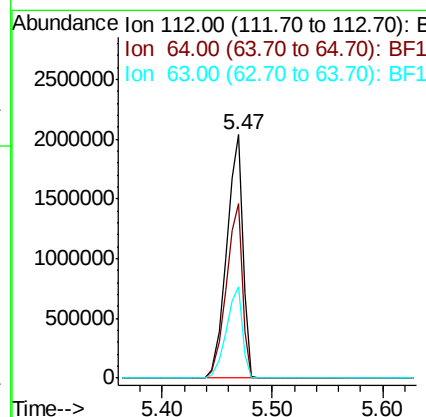
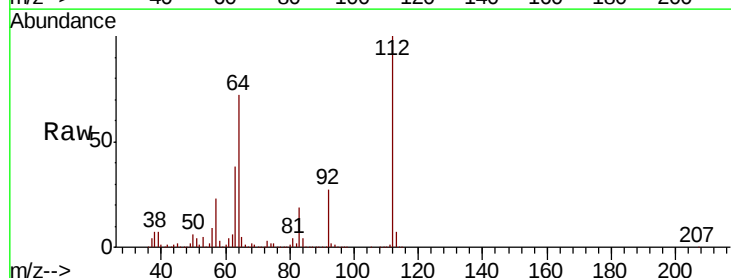
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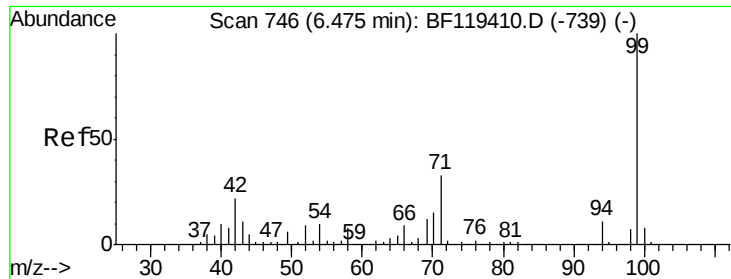


#5

2-Fluorophenol
Concen: 94.526 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF119434.D
Acq: 19 Mar 2020 00:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.9	58.1	87.1
63	37.6	29.7	44.5





#7

Phenol-d6

Concen: 95.387 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF119434.D

Acq: 19 Mar 2020 00:20

Instrument :

BNA_F

ClientSampled :

TP-8A

Tot Ion: 99 Resp: 2693973

Ion Ratio Lower Upper

99 100

42 21.4 17.8 26.6

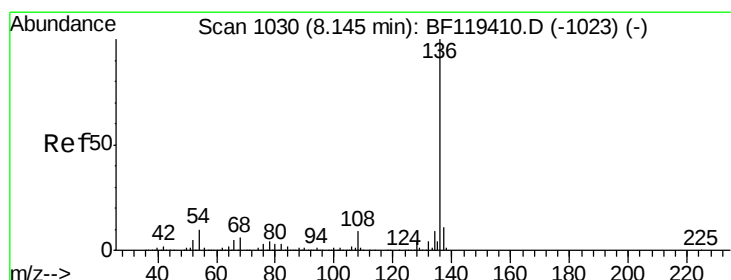
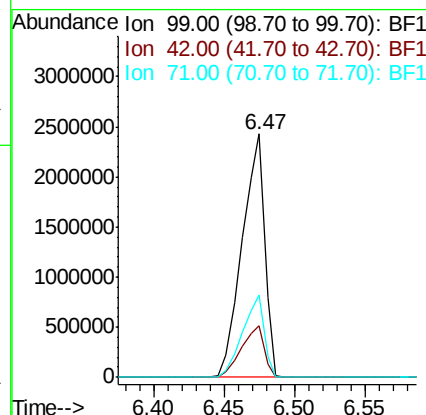
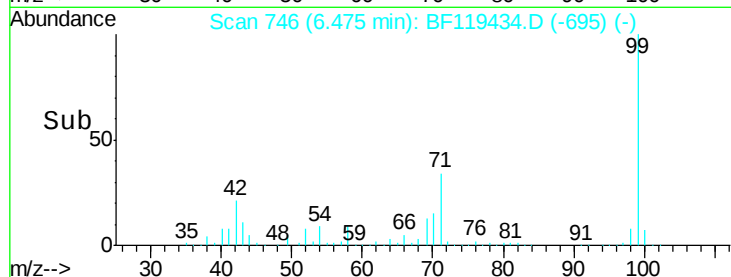
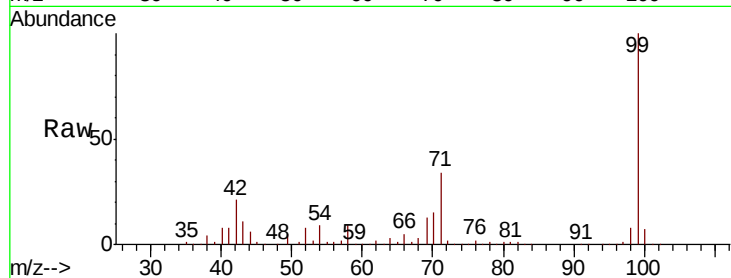
71 33.6 26.0 39.0

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF119434.D

Acq: 19 Mar 2020 00:20

Tgt Ion: 136 Resp: 1316718

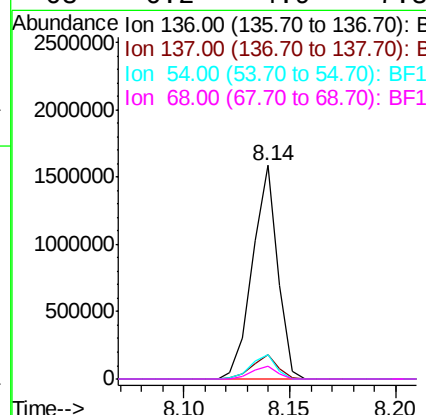
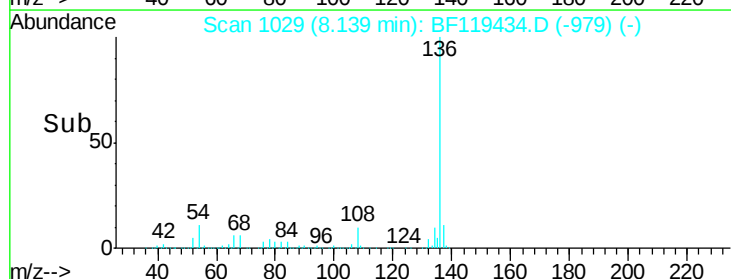
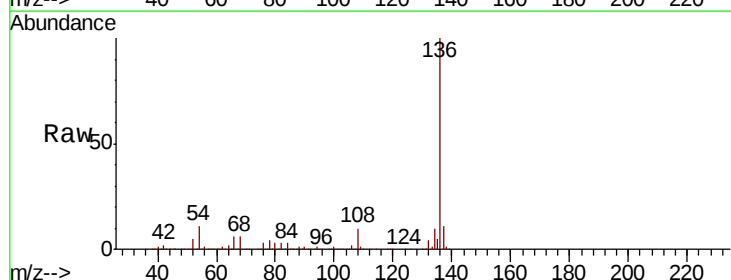
Ion Ratio Lower Upper

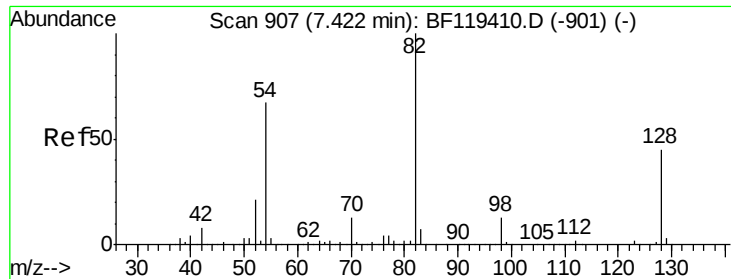
136 100

137 11.2 8.4 12.6

54 11.3 8.3 12.5

68 6.2 4.9 7.3





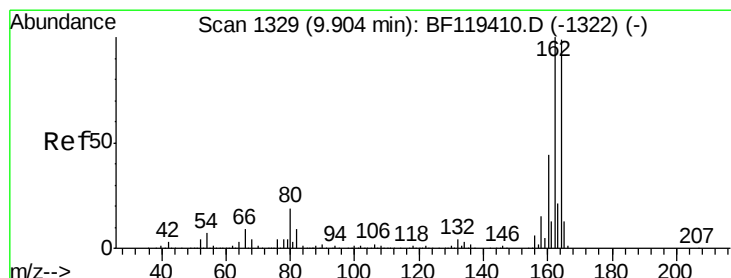
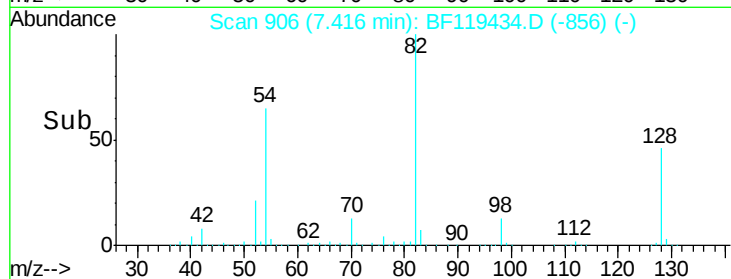
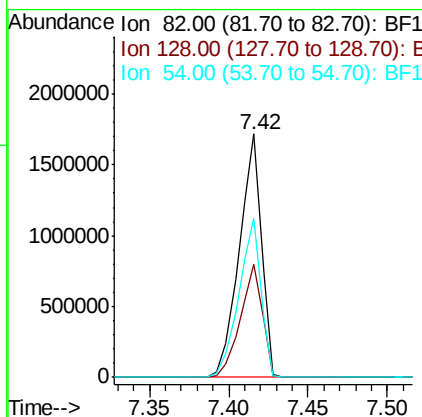
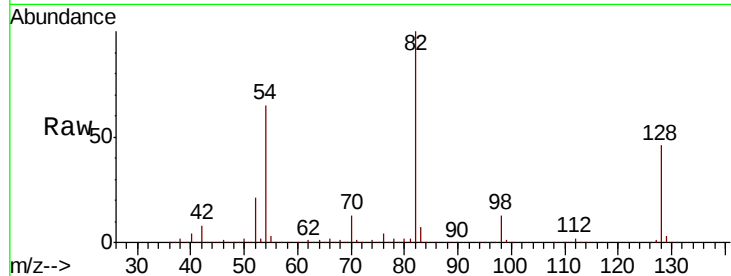
#23
Nitrobenzene-d5
Concen: 68.285 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF119434.D
Acq: 19 Mar 2020 00:20

Instrument :
BNA_F
ClientSampled :
TP-8A

Tot Ion	82	Resp	1654387
Ion Ratio	100	Lower	Upper
128	46.3	35.8	53.8
54	65.4	53.4	80.0

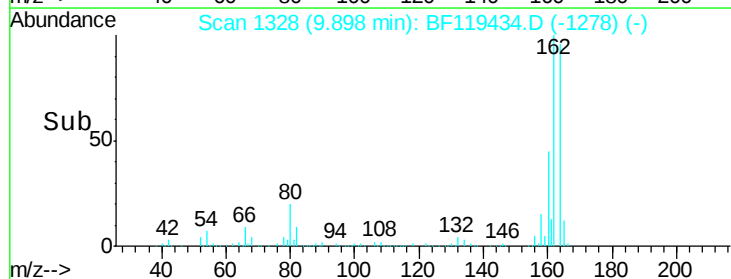
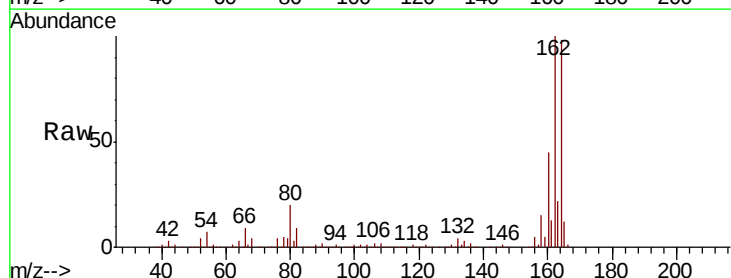
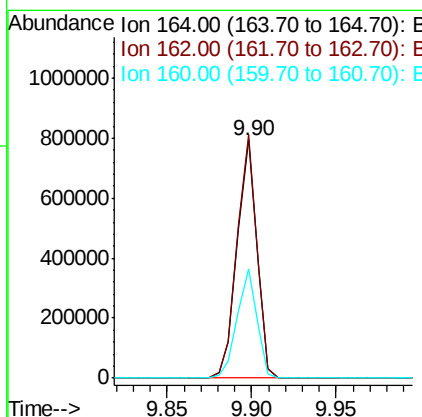
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF119434.D
Acq: 19 Mar 2020 00:20

Tgt Ion	164	Resp	646380
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	102.1	80.7	121.1
160	45.7	35.5	53.3





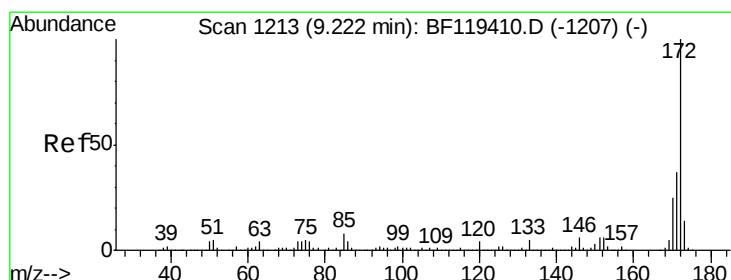
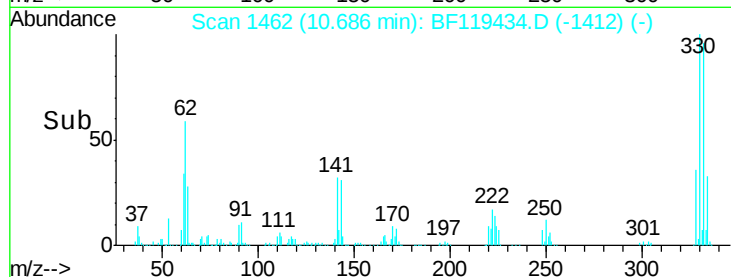
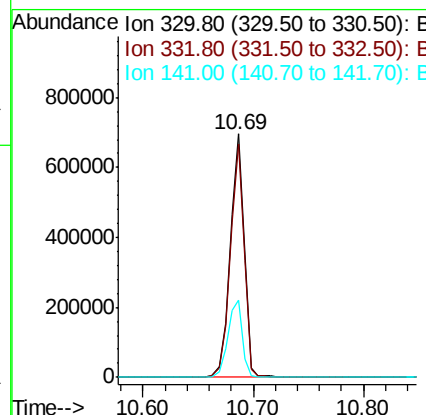
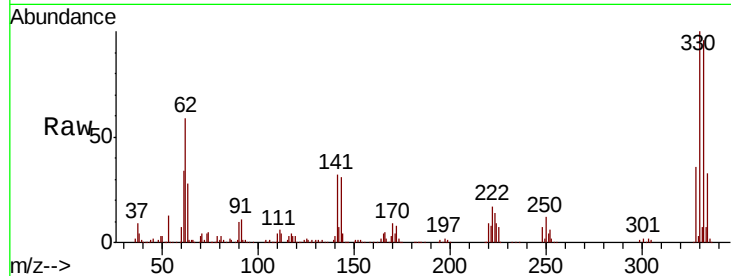
#42
 2,4,6-Tribromophenol
 Concen: 92.687 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF119434.D
 Acq: 19 Mar 2020 00:20

Instrument :
 BNA_F
 ClientSampleId :
 TP-8A

Tot Ion	Ratio	Resp	Lower	Upper
330	100	618079		
332	95.3		77.6	116.4
141	33.0		26.6	40.0

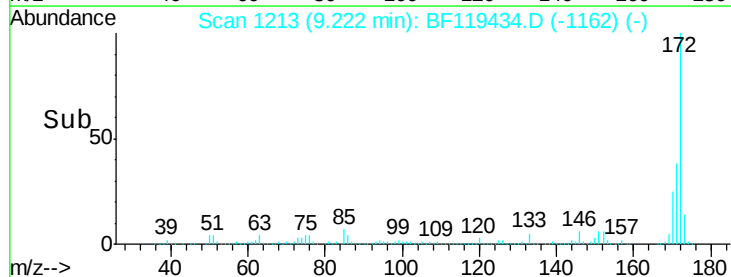
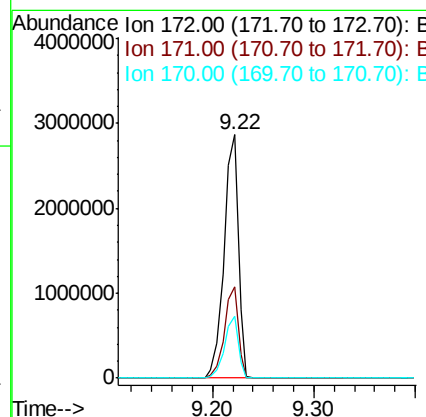
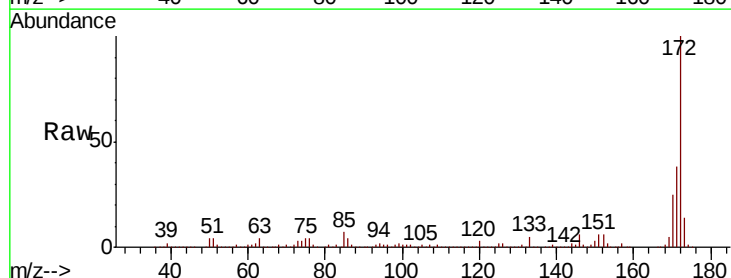
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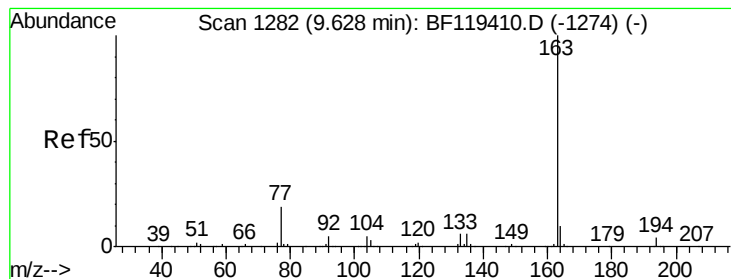
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#45
 2-Fluorobiphenyl
 Concen: 64.374 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF119434.D
 Acq: 19 Mar 2020 00:20

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2808689		
171	37.8		29.9	44.9
170	25.3		20.1	30.1





#50

Dimethylphthalate

Concen: 5.904 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.02 min

Lab File: BF119434.D

Acq: 19 Mar 2020 00:20

Instrument :

BNA_F

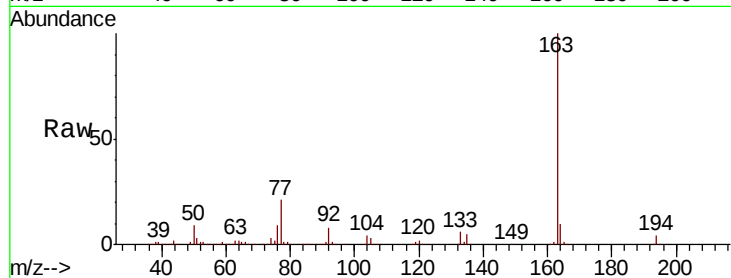
ClientSampled :

TP-8A

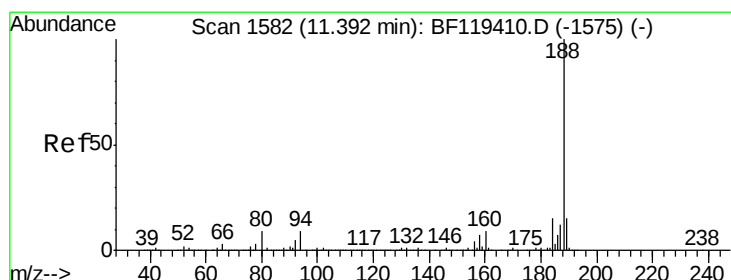
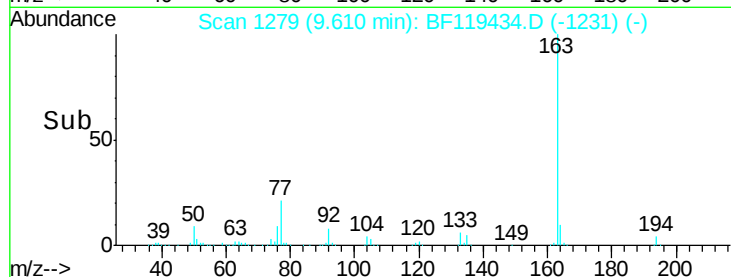
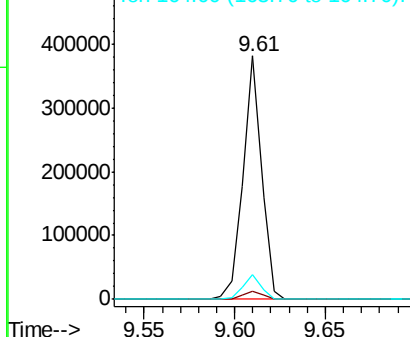
Tot Ion:	163	Resp:	271071
Ion Ratio	Lower	Upper	
163	100		
194	3.5	3.2	4.8
164	10.0	8.1	12.1

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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

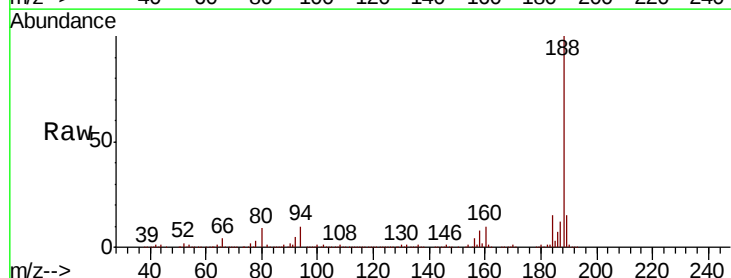
RT: 11.39 min Scan# 1581

Delta R.T. -0.01 min

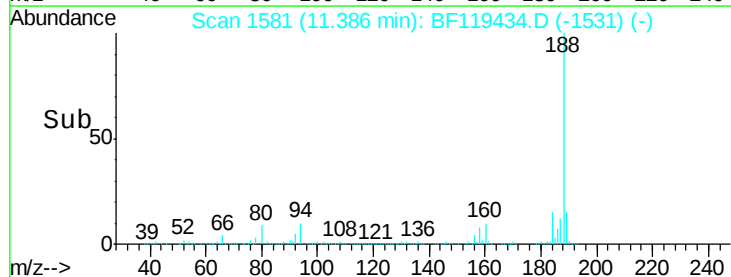
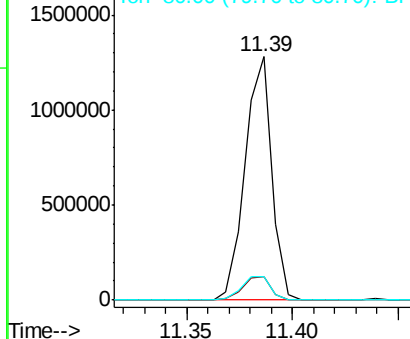
Lab File: BF119434.D

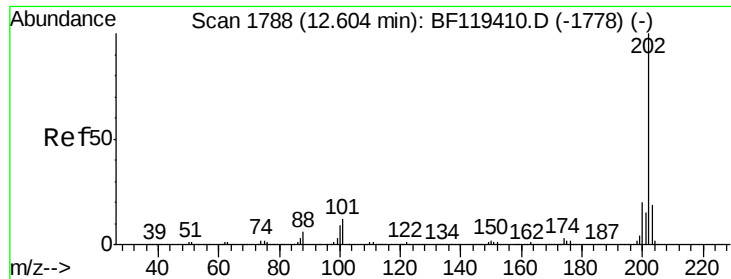
Acq: 19 Mar 2020 00:20

Tgt Ion:	188	Resp:	1120487
Ion Ratio	Lower	Upper	
188	100		
94	9.6	7.1	10.7
80	9.4	7.5	11.3



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





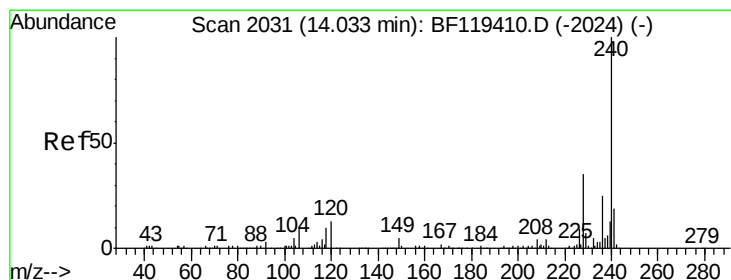
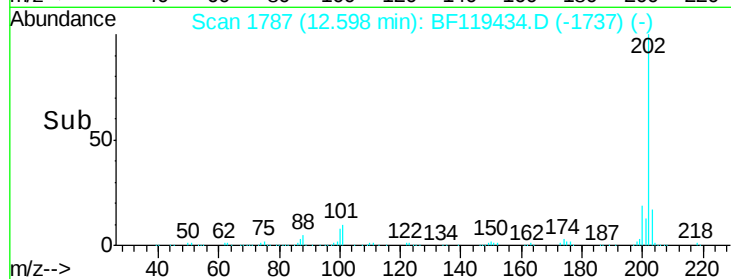
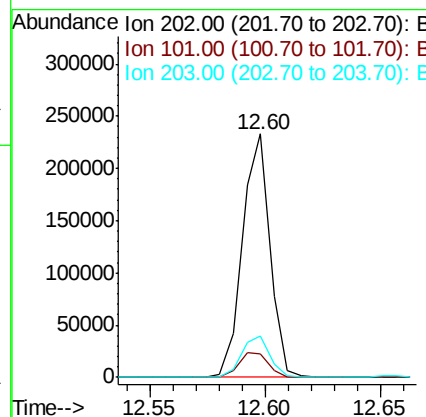
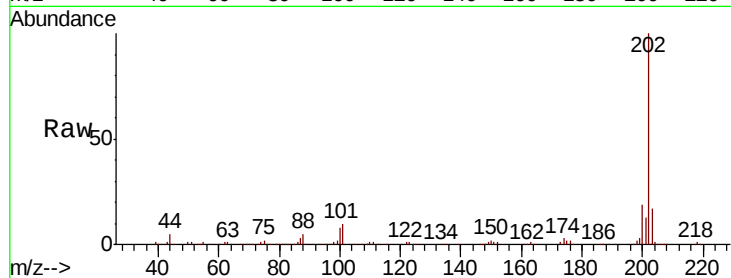
#75
Fluoranthene
Concen: 3.081 ng
RT: 12.60 min Scan# 1787
Delta R.T. -0.01 min
Lab File: BF119434.D
Acq: 19 Mar 2020 00:20

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		193754		
101	9.9	0.0	32.4		
203	16.9	0.0	38.5		

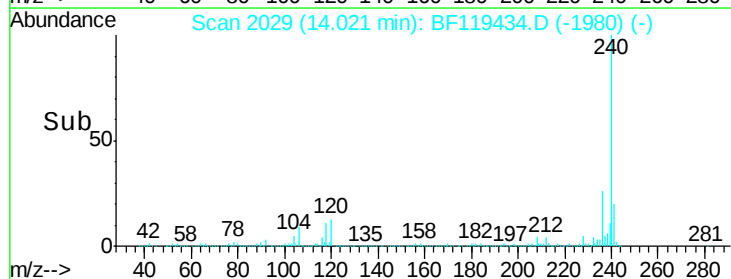
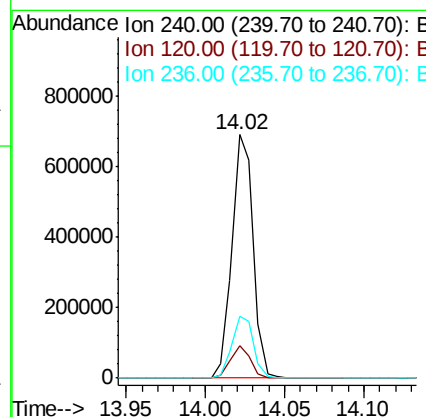
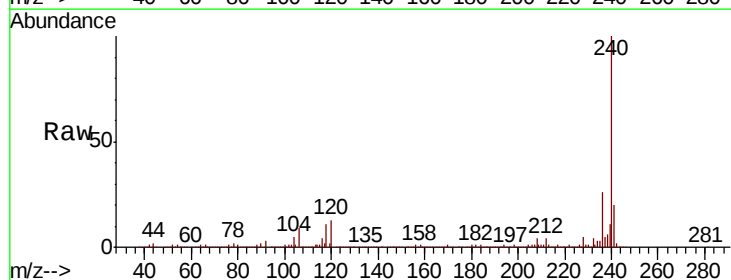
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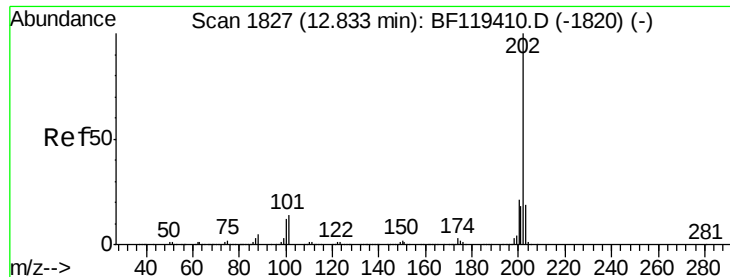
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF119434.D
Acq: 19 Mar 2020 00:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		639771		
120	13.1	10.2	15.4		
236	25.6	20.4	30.6		





#78

Pvrene

Concen: 3.277 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF119434.D

Acq: 19 Mar 2020 00:20

Instrument :

BNA_F

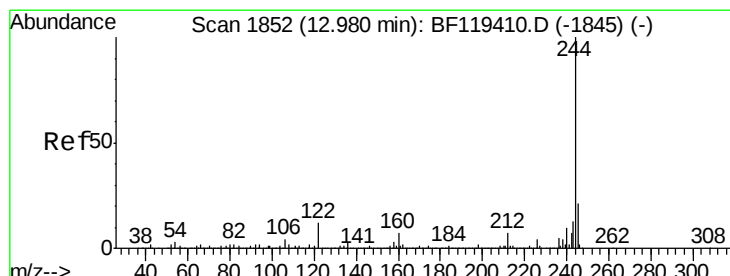
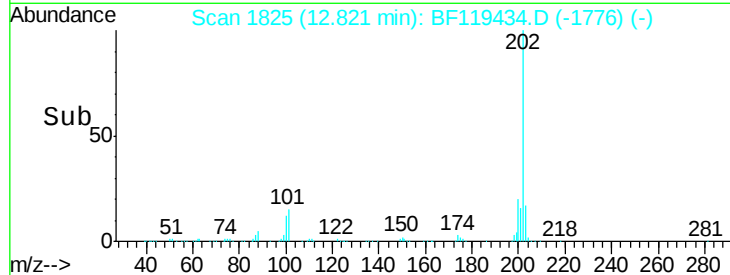
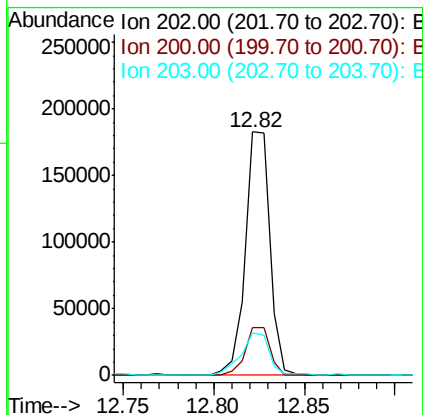
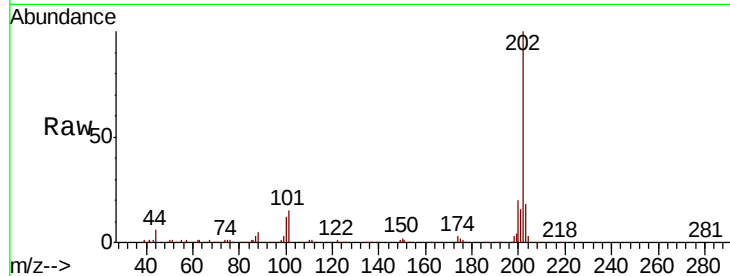
ClientSampled :

TP-8A

Tot Ion:	202	Resp:	172040
Ion Ratio	Lower	Upper	
202	100		
200	19.6	16.8	25.2
203	17.7	14.8	22.2

Manual Integrations
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#79

Terphenyl-d14

Concen: 74.519 ng

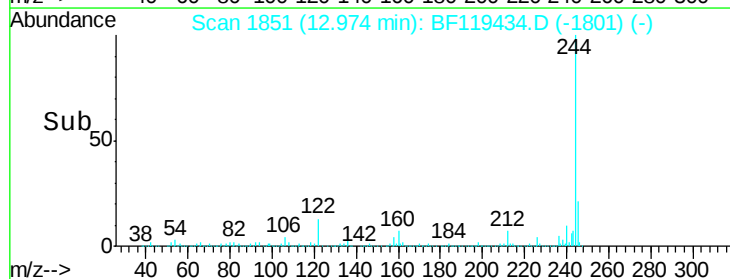
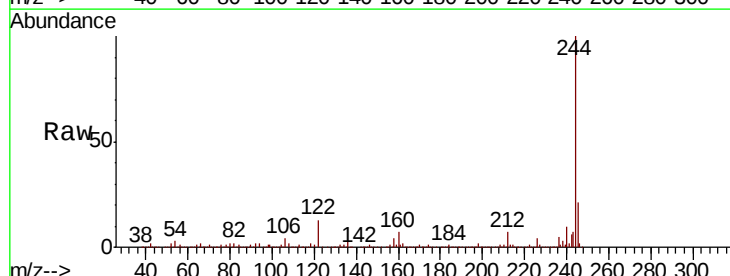
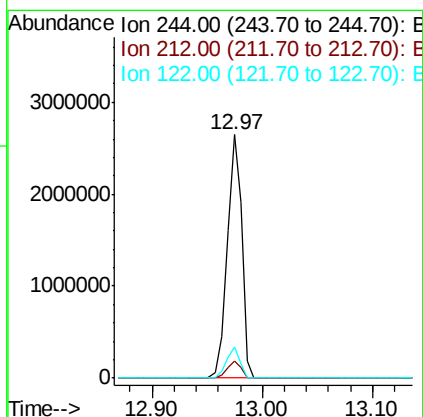
RT: 12.97 min Scan# 1851

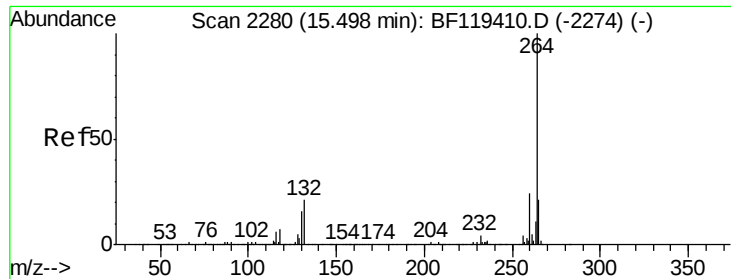
Delta R.T. -0.01 min

Lab File: BF119434.D

Acq: 19 Mar 2020 00:20

Tgt Ion:	244	Resp:	2433365
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.7	8.5
122	12.8	9.8	14.8





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2280

Delta R.T. 0.00 min

Lab File: BF119434.D

Acq: 19 Mar 2020 00:20

Instrument :

BNA_F

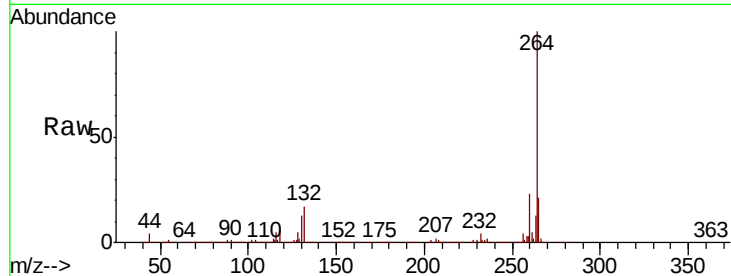
ClientSampleId :

TP-8A

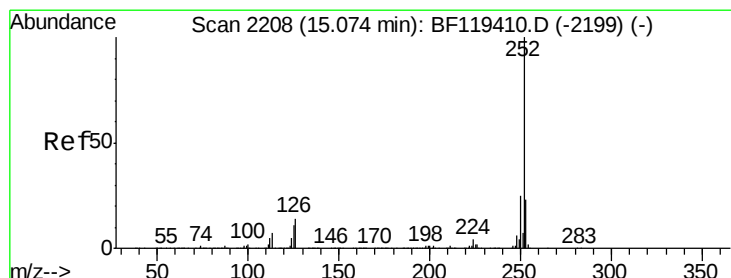
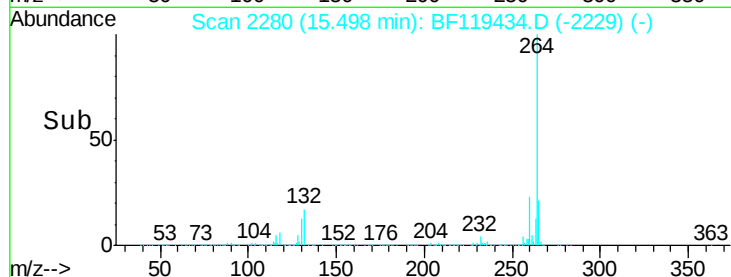
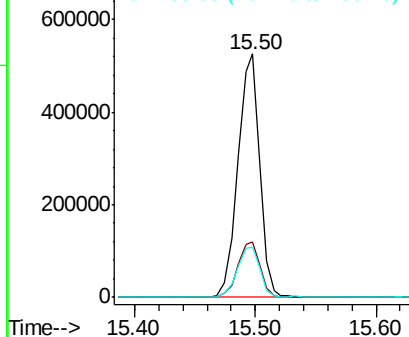
Tot Ion:	264	Resp:	661665
Ion Ratio		Lower	Upper
264	100		
260	22.9	19.2	28.8
265	20.8	16.9	25.3

Manual Integrations
APPROVED

mohammad
3/19/2020 2:44:11 PM



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: 2.223 ng m

RT: 15.06 min Scan# 2206

Delta R.T. -0.01 min

Lab File: BF119434.D

Acq: 19 Mar 2020 00:20

Tgt Ion:	252	Resp:	98273
Ion Ratio		Lower	Upper
252	100		
253	21.8	18.2	27.4
125	11.7	8.8	13.2

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

