

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF092120\
 Data File : BF121638.D
 Acq On : 21 Sep 2020 21:11
 Operator : JU/CG
 Sample : L4048-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-2

Manual Integrations
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mohammad
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Quant Time: Sep 25 13:16:44 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 21 14:19:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	148135	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	581624	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	302304	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	543424	20.00	ng	0.00
76) Chrysene-d12	13.99	240	386144	20.00	ng	0.00
86) Perylene-d12	15.45	264	382941	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	798447	80.10	ng	0.00
7) Phenol-d6	6.45	99	1020186	78.01	ng	-0.01
23) Nitrobenzene-d5	7.38	82	694679	64.13	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	282971	75.31	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	1206400	60.44	ng	0.00
79) Terphenyl-d14	12.94	244	1112242	58.35	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.57	163	140447	6.410	ng	100
78) Pyrene	12.79	202	78790	2.793	ng	98
88) Benzo(b)fluoranthene	15.03	252	56499m	2.207	ng	
92) Benzo(g,h,i)perylene	17.33	276	41381	2.028	ng	# 93

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

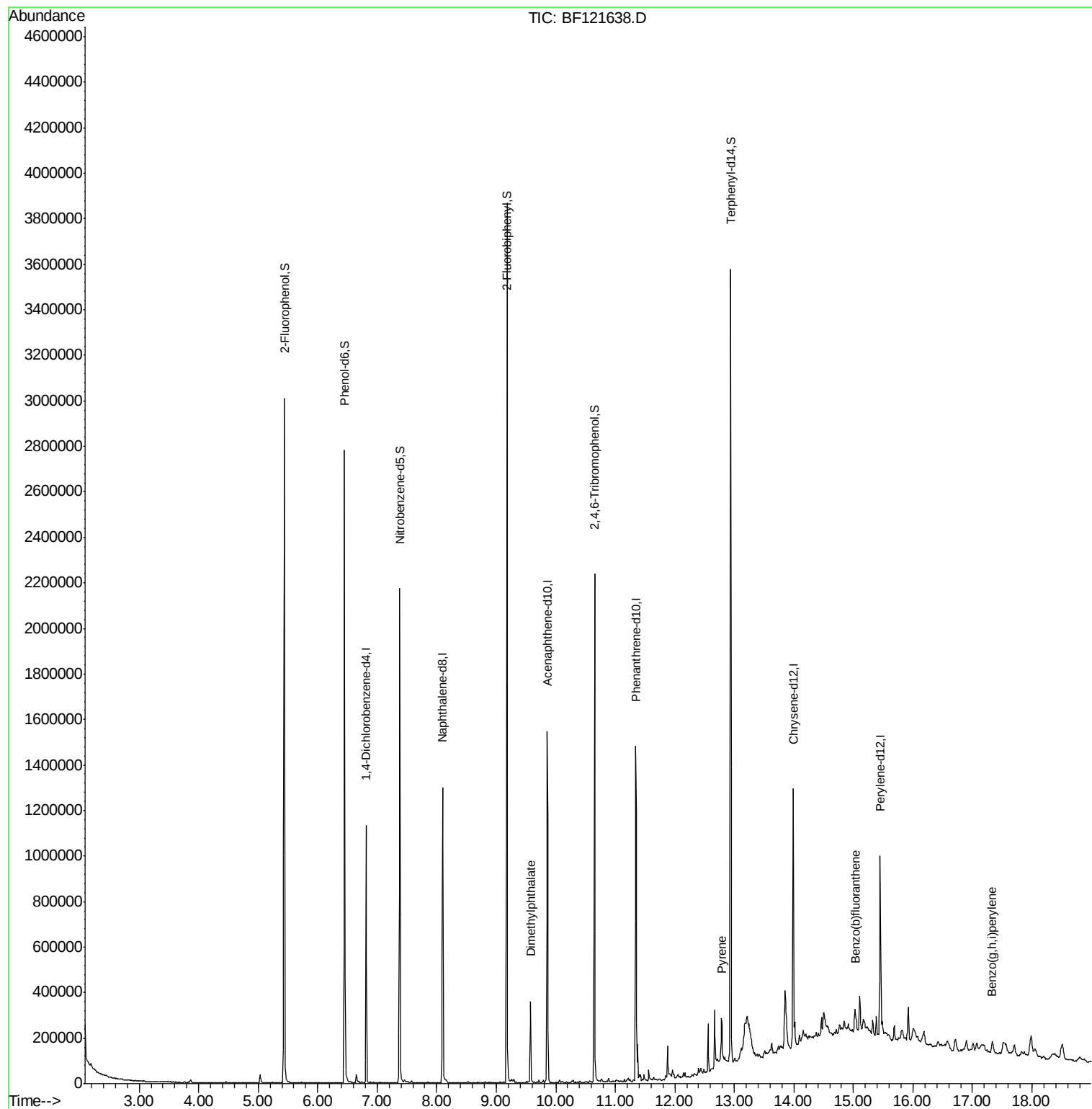
Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF092120\
Data File : BF121638.D
Acq On : 21 Sep 2020 21:11
Operator : JU/CG
Sample : L4048-03
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ALS Vial : 18 Sample Multiplier: 1

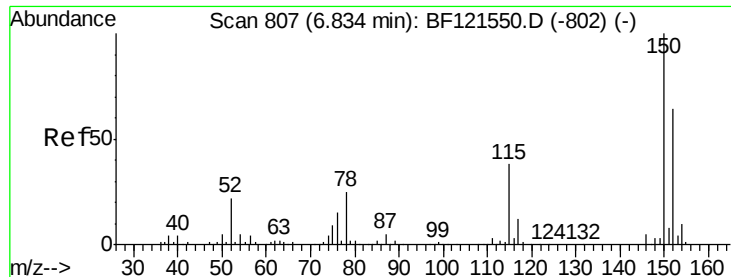
Instrument :
BNA_F
ClientSampleId :
WC-2

Manual Integrations
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Quant Time: Sep 25 13:16:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 21 14:19:01 2020
Response via : Initial Calibration





#1

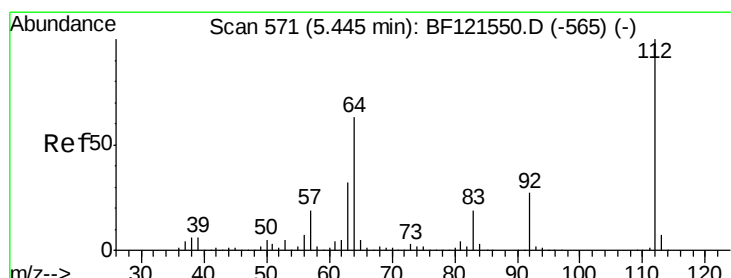
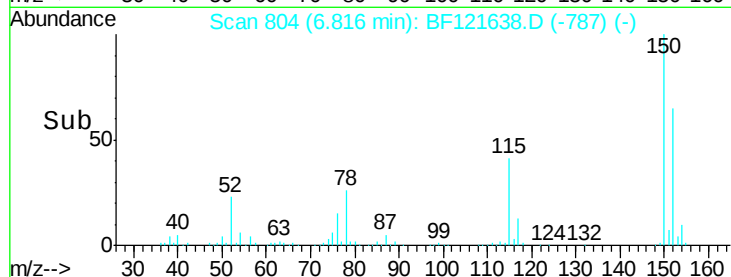
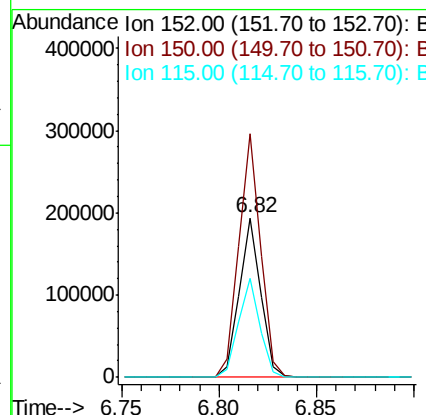
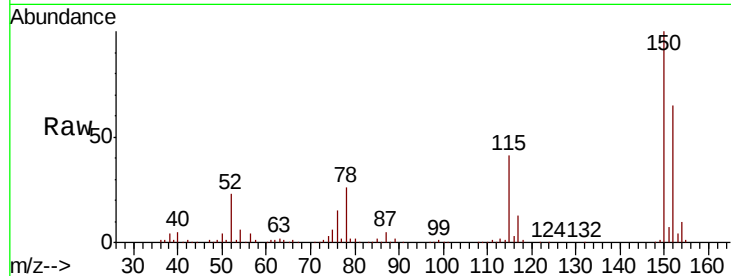
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF121638.D
Acq: 21 Sep 2020 21:11

Instrument :
BNA_F
ClientSampleId :
WC-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.8	128.1	192.1
115	62.4	52.6	79.0

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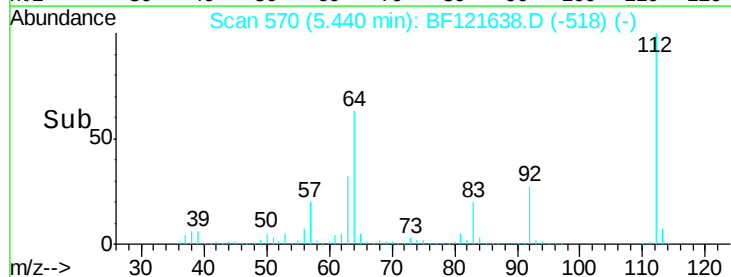
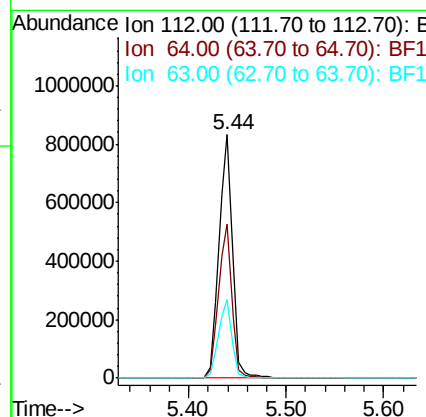
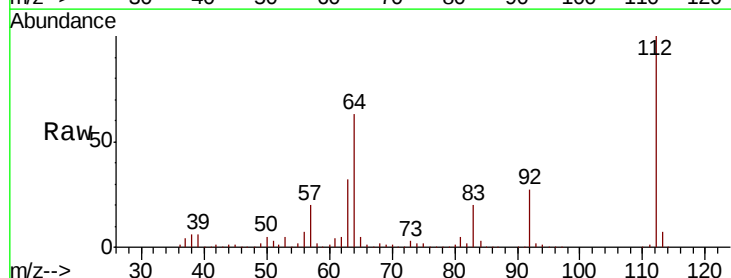
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#5

2-Fluorophenol
Concen: 80.102 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.01 min
Lab File: BF121638.D
Acq: 21 Sep 2020 21:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.4	52.2	78.2
63	32.2	26.6	39.8





#7

Phenol-d6

Concen: 78.012 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF121638.D

Acq: 21 Sep 2020 21:11

Instrument :

BNA_F

ClientSampleId :

WC-2

Tot Ion: 99 Resp: 1020186

Ion Ratio Lower Upper

99 100

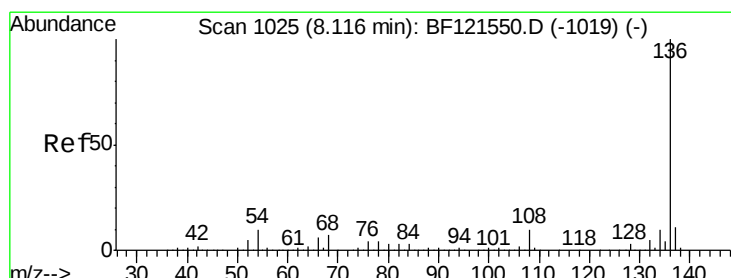
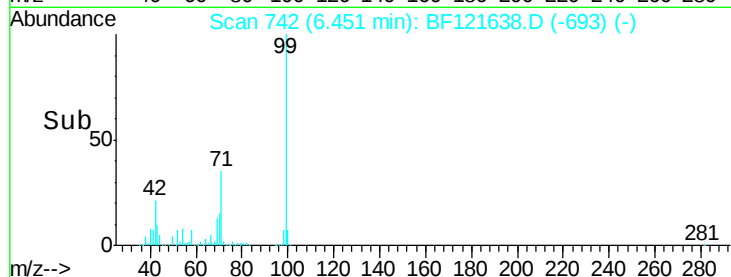
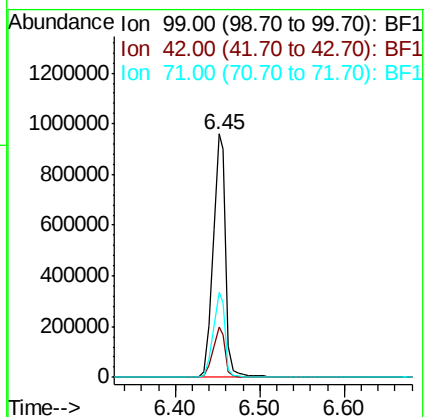
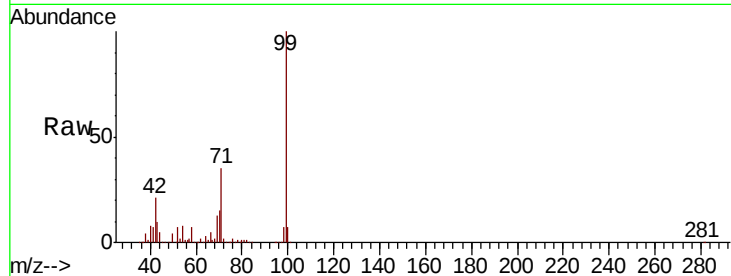
42 20.7 15.5 23.3

71 34.9 27.4 41.2

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF121638.D

Acq: 21 Sep 2020 21:11

Tgt Ion: 136 Resp: 581624

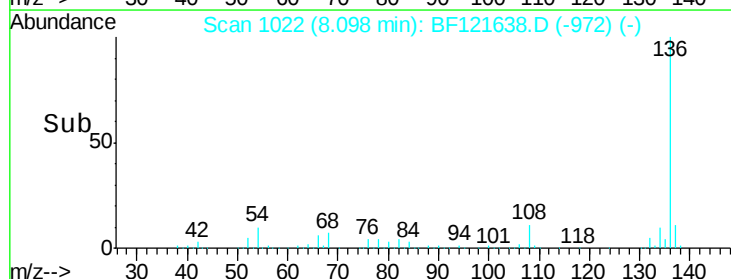
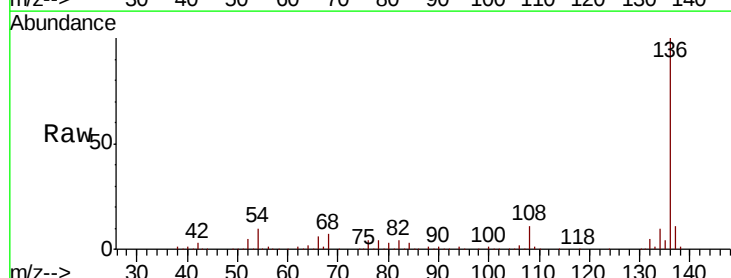
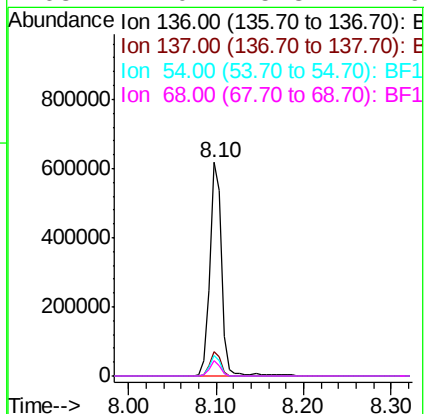
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 9.9 7.4 11.0

68 7.0 5.3 7.9





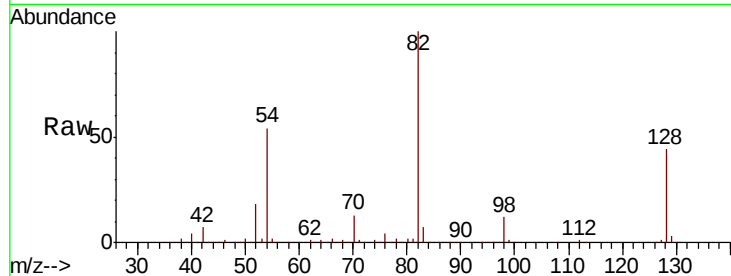
#23
 Nitrobenzene-d5
 Concen: 64.128 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF121638.D
 Acq: 21 Sep 2020 21:11

Instrument :
 BNA_F
 ClientSampled :
 WC-2

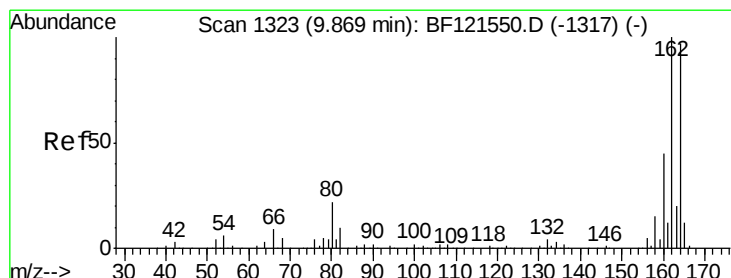
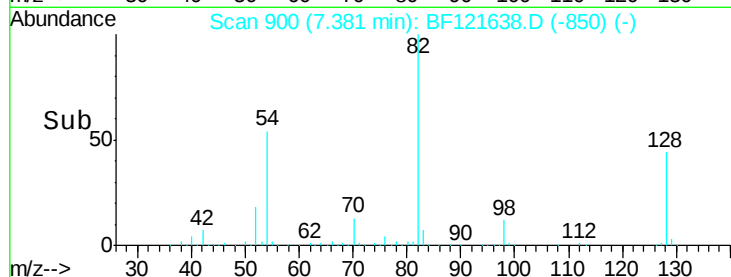
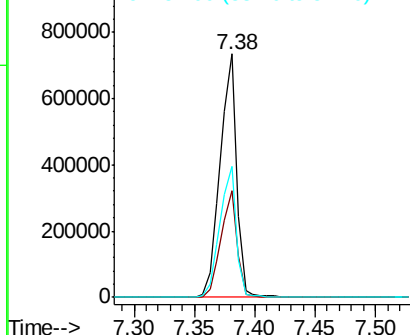
Tot Ion:	82	Resp:	694679
Ion Ratio	Lower	Upper	
82	100		
128	44.0	33.9	50.9
54	54.0	42.9	64.3

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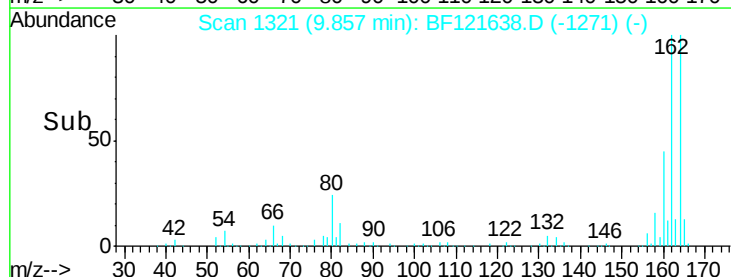
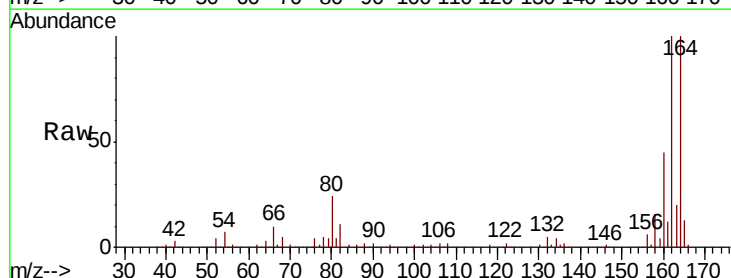
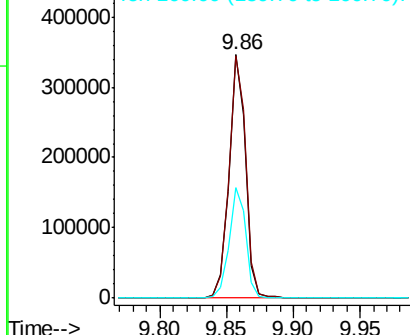
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: BF121638.D
 Acq: 21 Sep 2020 21:11

Tgt Ion:	164	Resp:	302304
Ion Ratio	Lower	Upper	
164	100		
162	99.7	81.2	121.8
160	45.3	36.2	54.4

Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 75.314 ng

RT: 10.65 min Scan# 1456

Delta R.T. -0.01 min

Lab File: BF121638.D

Acq: 21 Sep 2020 21:11

Instrument :

BNA_F

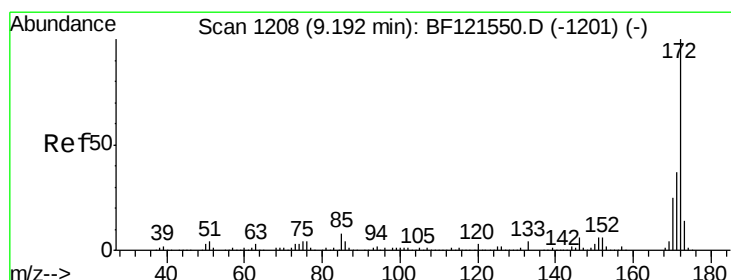
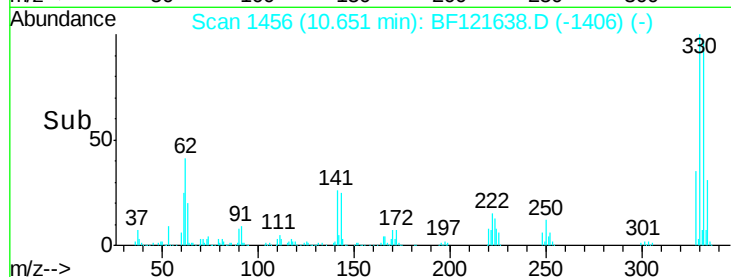
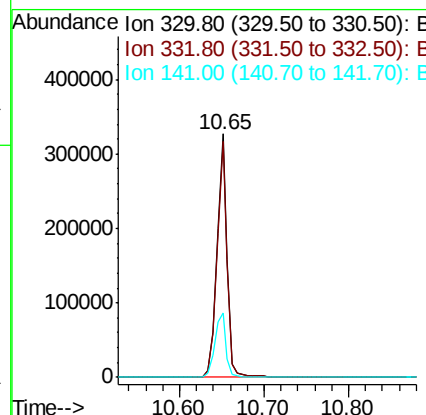
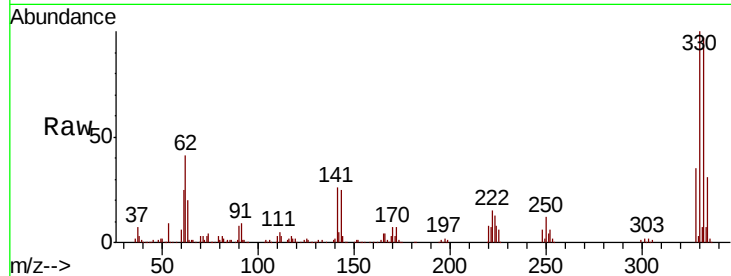
ClientSampled :

WC-2

Tot Ion:	330	Resp:	282971
Ion Ratio	Lower	Upper	
330	100		
332	96.2	76.9	115.3
141	28.8	22.4	33.6

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#45

2-Fluorobiphenyl

Concen: 60.440 ng

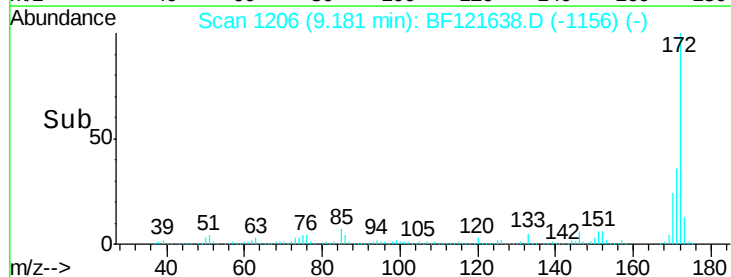
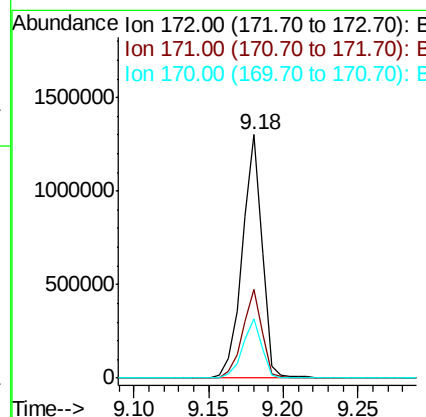
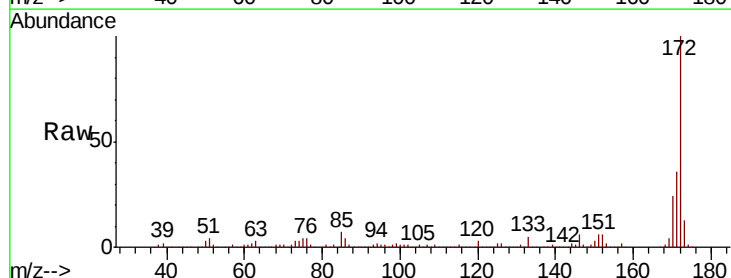
RT: 9.18 min Scan# 1206

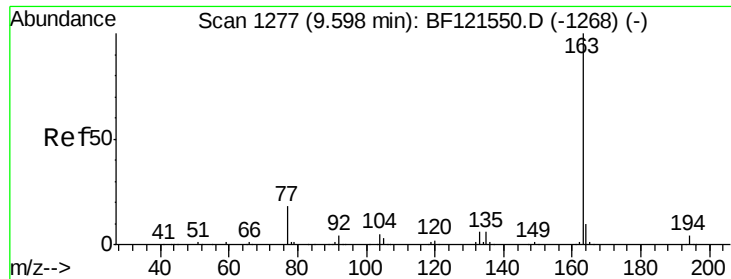
Delta R.T. -0.01 min

Lab File: BF121638.D

Acq: 21 Sep 2020 21:11

Tgt Ion:	172	Resp:	1206400
Ion Ratio	Lower	Upper	
172	100		
171	36.3	29.3	43.9
170	24.4	19.5	29.3





#50

Dimethylphthalate

Concen: 6.410 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.02 min

Lab File: BF121638.D

Acq: 21 Sep 2020 21:11

Instrument :

BNA_F

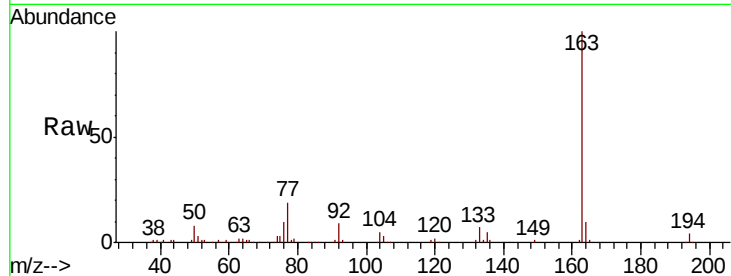
ClientSampleId :

WC-2

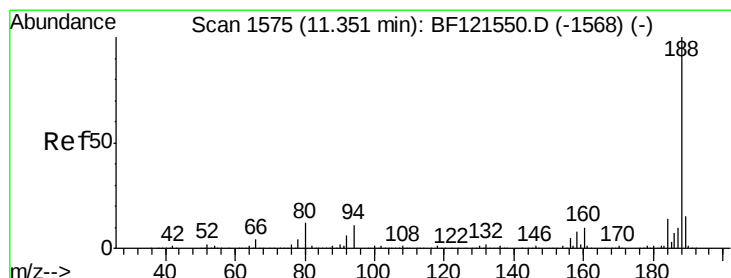
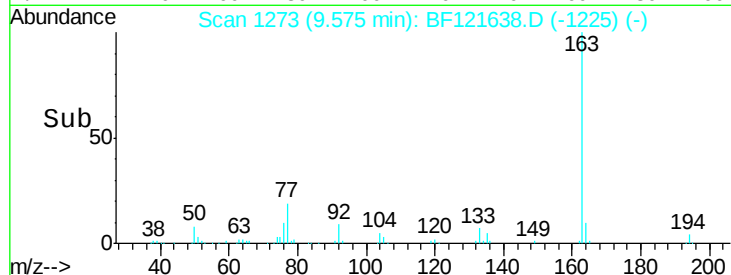
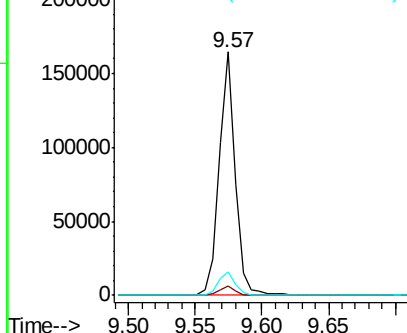
Tot Ion:	163	Resp:	140447
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.3	4.9
164	9.8	8.0	12.0

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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

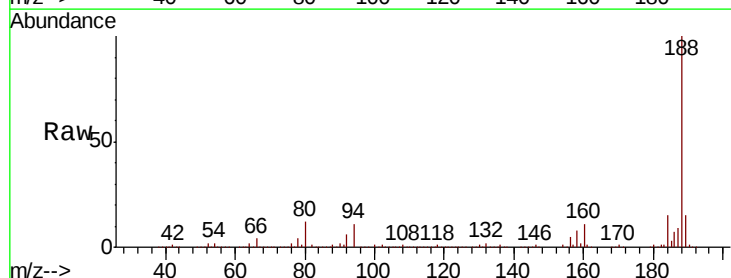
RT: 11.35 min Scan# 1574

Delta R.T. -0.01 min

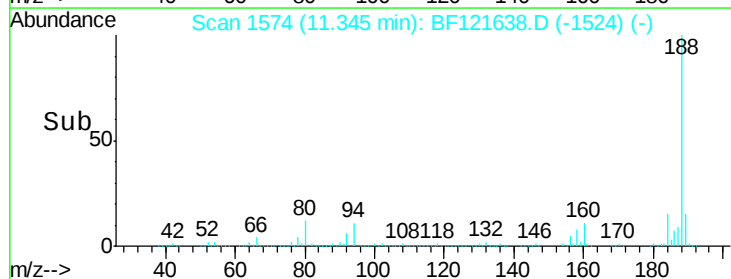
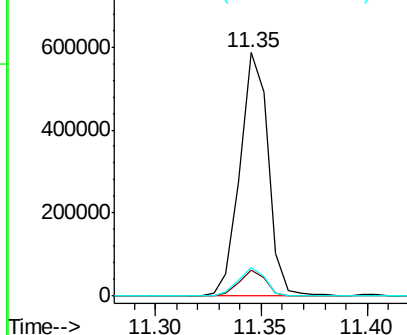
Lab File: BF121638.D

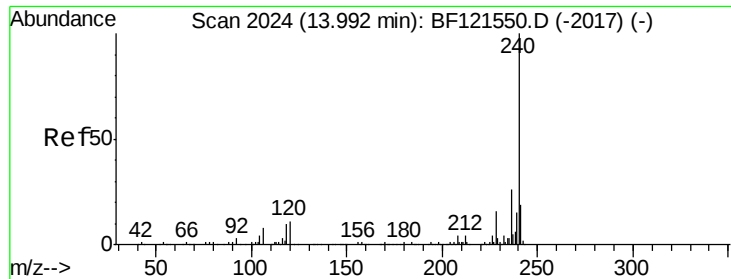
Acq: 21 Sep 2020 21:11

Tgt Ion:	188	Resp:	543424
Ion Ratio	Lower	Upper	
188	100		
94	10.8	8.4	12.6
80	11.9	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





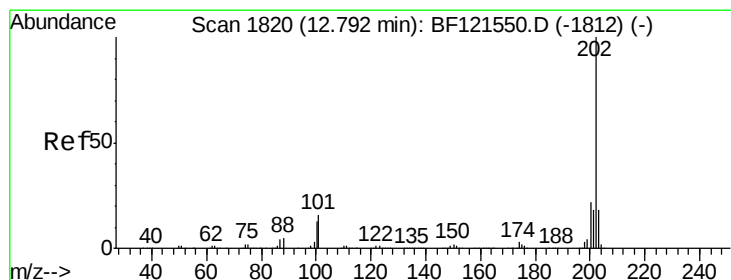
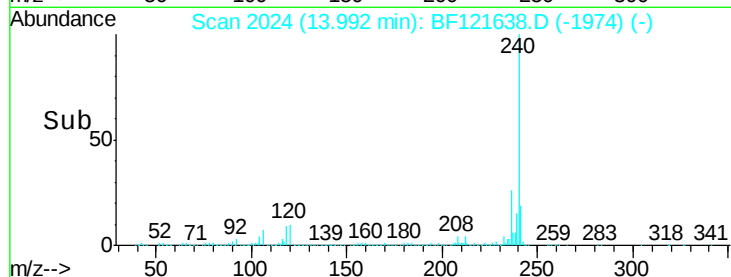
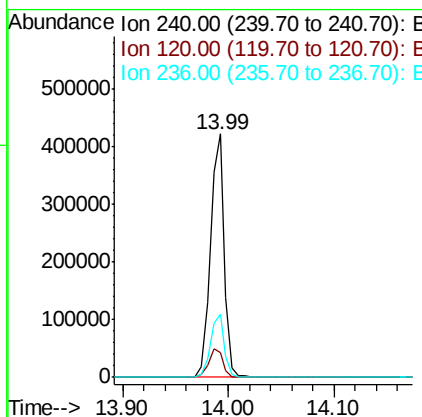
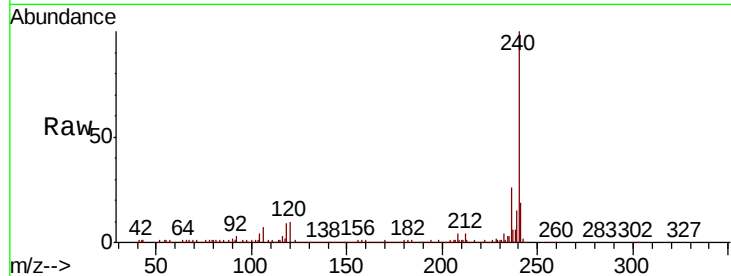
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF121638.D
Acq: 21 Sep 2020 21:11

Instrument :
BNA_F
ClientSampleId :
WC-2

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.3	9.2	13.8
236	25.8	20.4	30.6

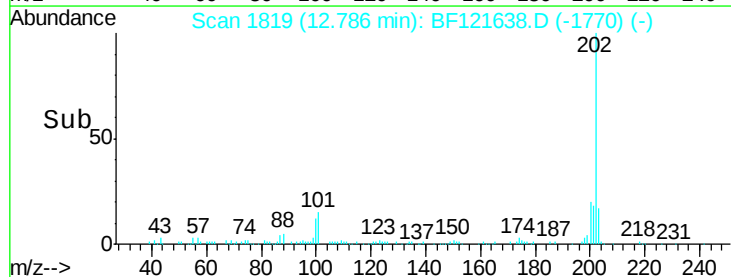
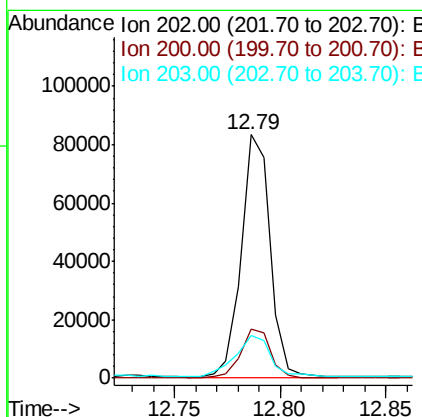
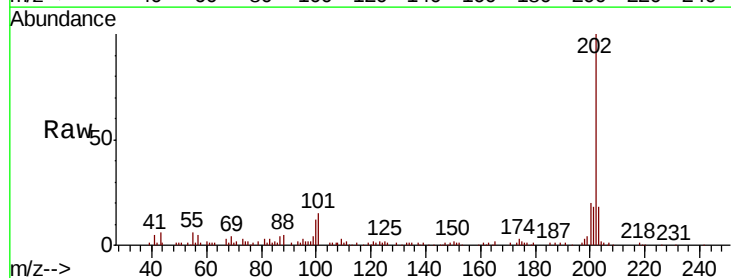
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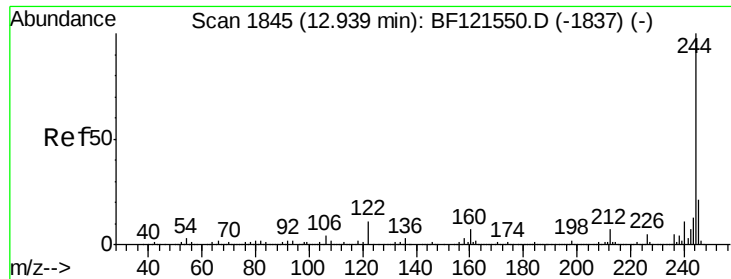
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#78
Pyrene
Concen: 2.793 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BF121638.D
Acq: 21 Sep 2020 21:11

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.8	26.6
203	17.8	14.4	21.6





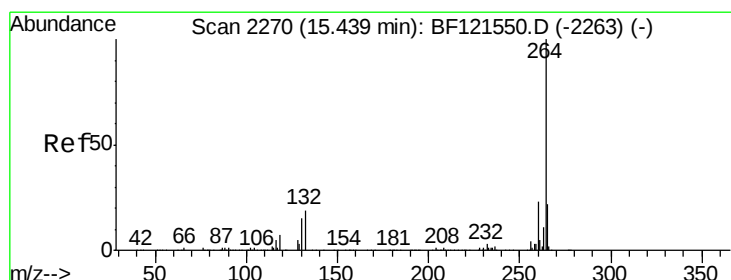
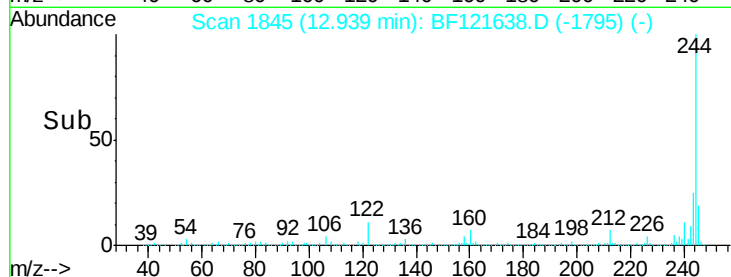
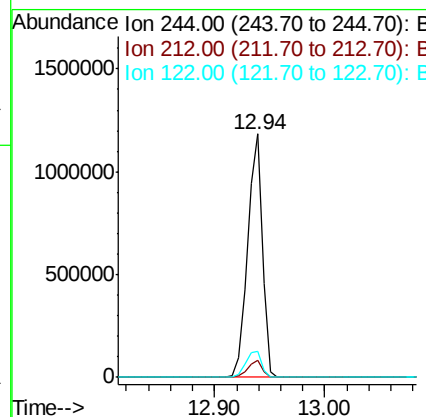
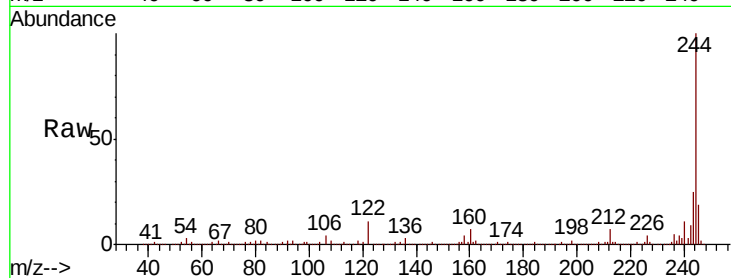
#79
 Terphenyl-d14
 Concen: 58.354 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF121638.D
 Acq: 21 Sep 2020 21:11

Instrument :
 BNA_F
 ClientSampleId :
 WC-2

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.5	8.3
122	10.7	7.4	11.0

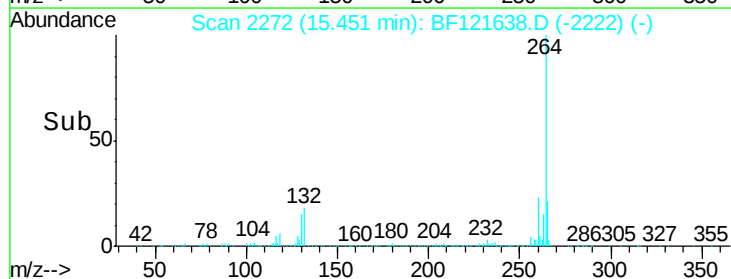
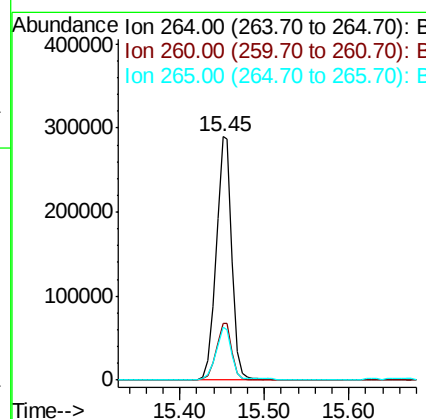
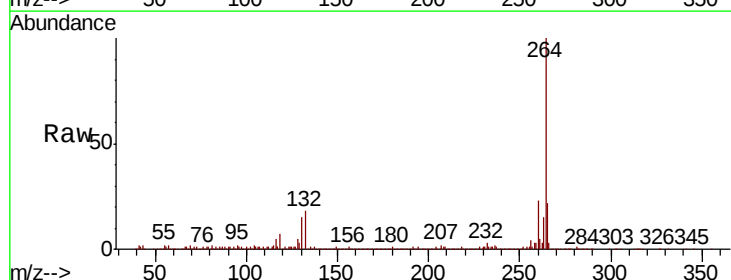
Manual Integrations
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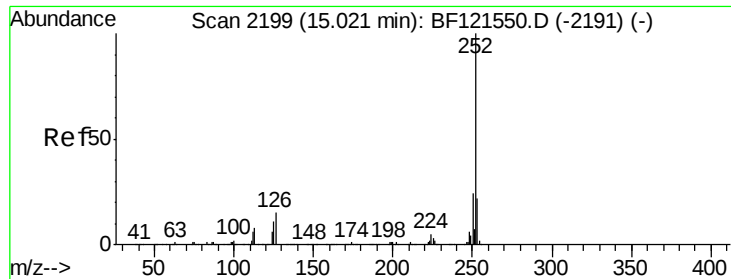
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. -0.01 min
 Lab File: BF121638.D
 Acq: 21 Sep 2020 21:11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.8	28.2
265	21.5	17.3	25.9





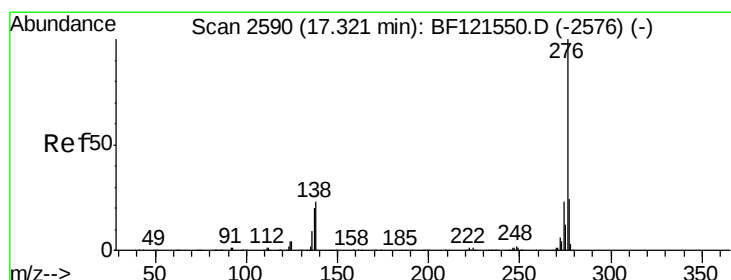
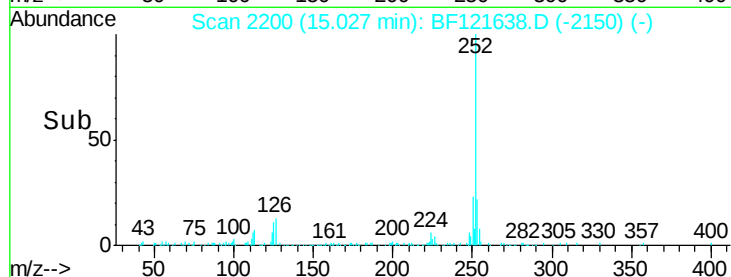
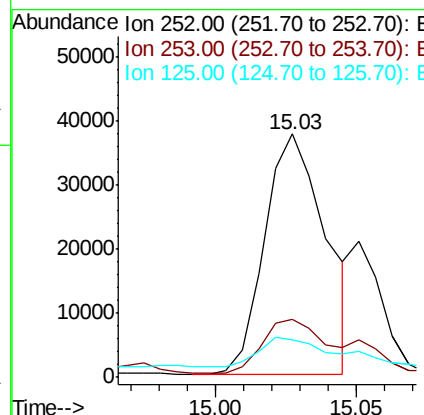
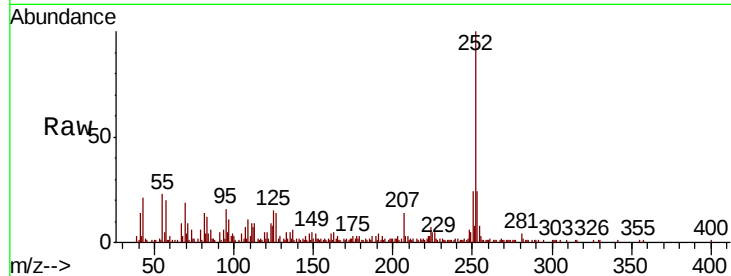
#88
Benzo(b)fluoranthene
Concen: 2.207 ng m
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF121638.D
Acq: 21 Sep 2020 21:11

Instrument :
BNA_F
ClientSampled :
WC-2

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.2	27.4
125	15.2	8.5	12.7

Manual Integrations
APPROVED

mohammad
9/22/2020 10:09:12 AM



#92
Benzo(g,h,i)perylene
Concen: 2.028 ng
RT: 17.33 min Scan# 2592
Delta R.T. -0.02 min
Lab File: BF121638.D
Acq: 21 Sep 2020 21:11

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.9	19.3	28.9
138	25.9	16.9	25.3

