

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022520\
 Data File : BF119082.D
 Acq On : 25 Feb 2020 23:42
 Operator : CG/JU
 Sample : L1669-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-2520699

Manual Integrations
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mohammad
 2/27/2020 5:02:31 PM

Quant Time: Feb 26 03:59:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 20 17:40:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	177622	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	691192	20.00	ng	-0.01
39) Acenaphthene-d10	9.79	164	360997	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	594556	20.00	ng	0.00
76) Chrysene-d12	13.90	240	370659	20.00	ng	0.00
87) Perylene-d12	15.33	264	362568	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1040489	97.90	ng	0.00
7) Phenol-d6	6.40	99	1274547	98.60	ng	0.00
23) Nitrobenzene-d5	7.32	82	852185	65.10	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	427751	90.58	ng	0.00
45) 2-Fluorobiphenyl	9.11	172	1577822	64.39	ng	-0.01
79) Terphenyl-d14	12.85	244	1424024	66.14	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.50	163	118503	4.293	ng	100
71) Phenanthrene	11.29	178	102315	3.156	ng	97
75) Fluoranthene	12.48	202	247100	7.180	ng	99
78) Pyrene	12.71	202	198041	6.654	ng	99
81) Benzo(a)anthracene	13.89	228	94788	3.753	ng	100
83) Chrysene	13.93	228	93948	3.733	ng	96
86) Indeno(1,2,3-cd)pyrene	16.73	276	58430	2.398	ng	95
88) Benzo(b)fluoranthene	14.92	252	116995m	4.895	ng	
90) Benzo(a)pyrene	15.27	252	77286	3.583	ng	99
92) Benzo(g,h,i)perylene	17.16	276	54389	2.901	ng	96

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

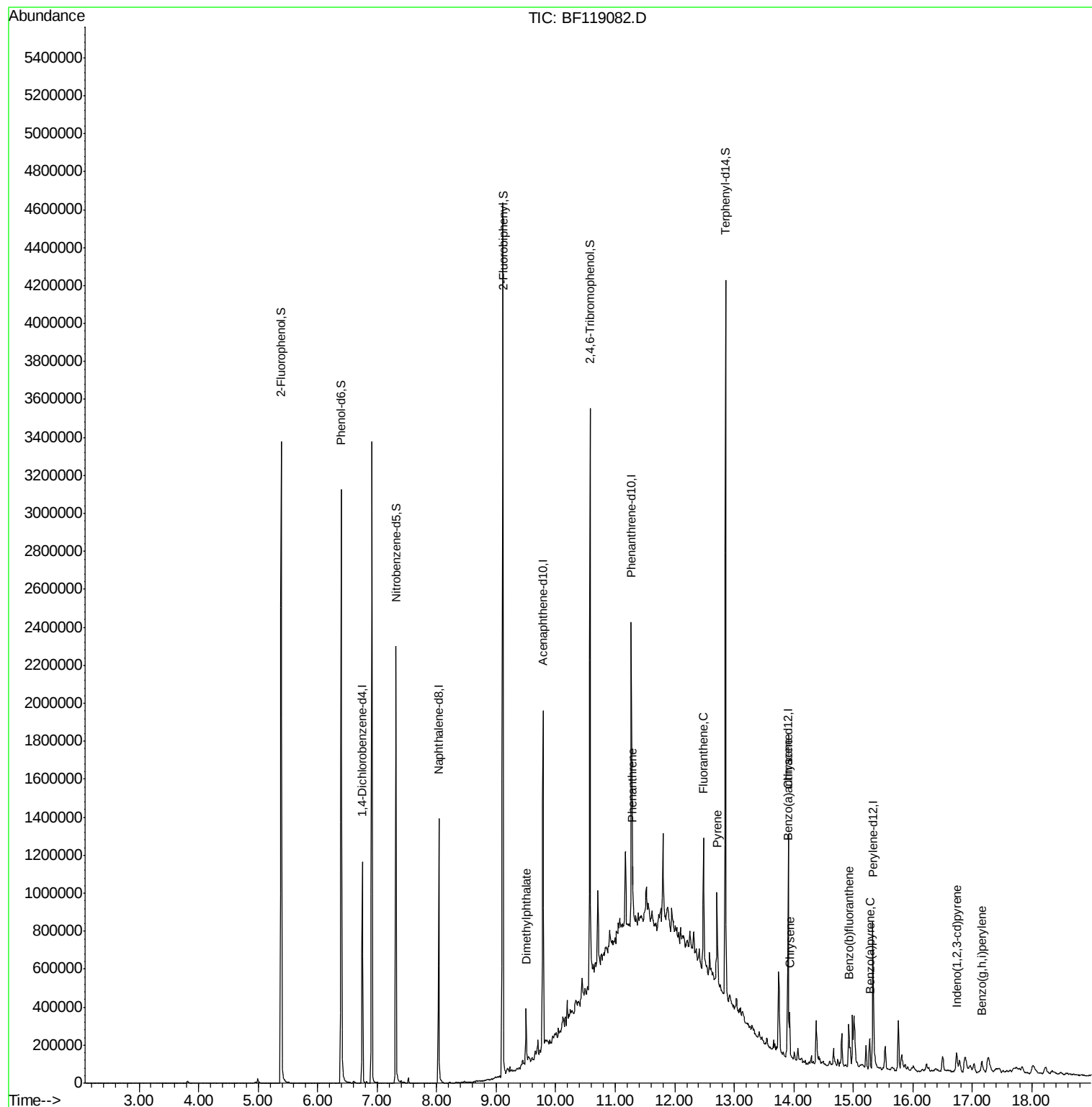
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022520\
Data File : BF119082.D
Acq On : 25 Feb 2020 23:42
Operator : CG/JU
Sample : L1669-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

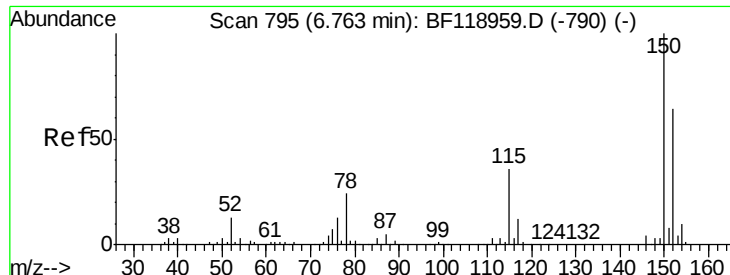
Instrument :
BNA_F
ClientSampleId :
RBR-2520699

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Quant Time: Feb 26 03:59:06 2020
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

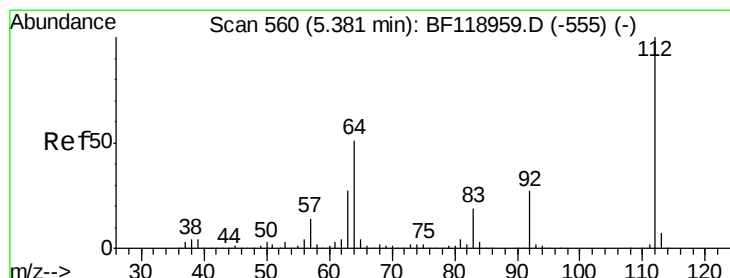
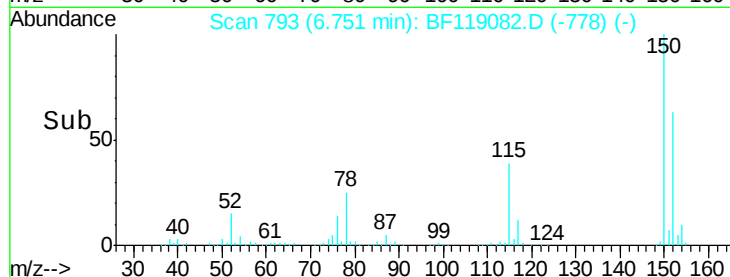
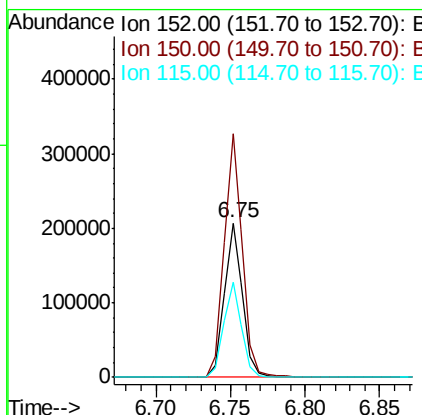
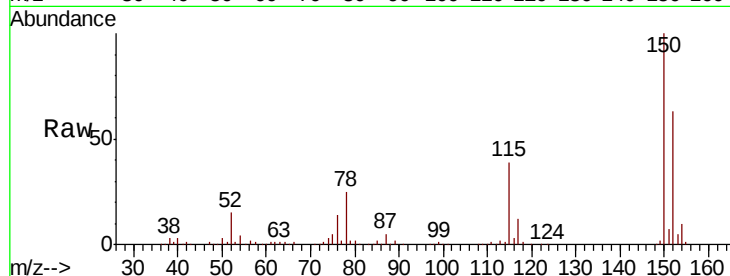
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF119082.D
Acq: 25 Feb 2020 23:42

Instrument :
BNA_F
ClientSampleId :
RBR-2520699

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.3	186.5
115	61.9	44.6	67.0

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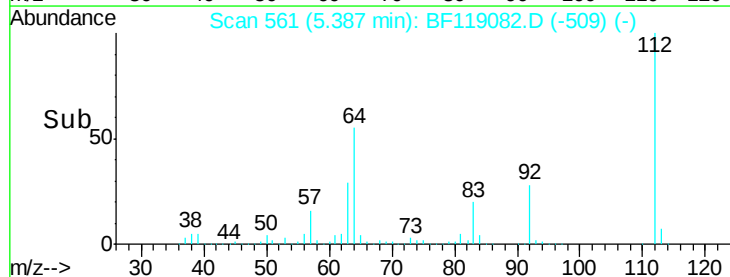
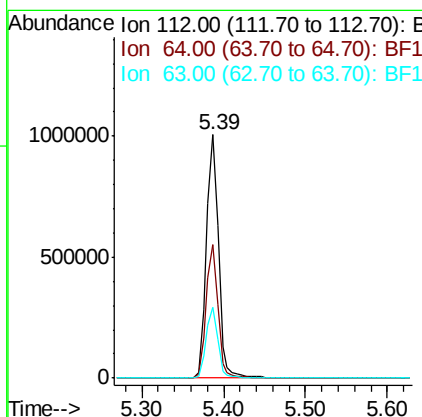
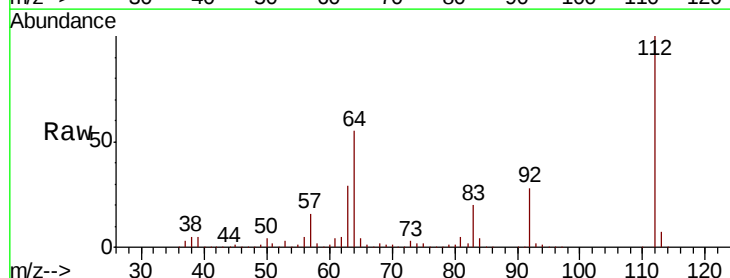
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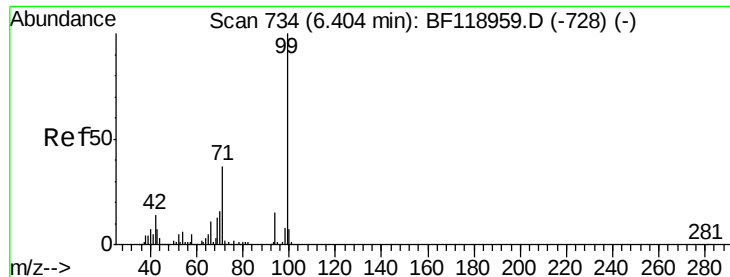


#5

2-Fluorophenol
Concen: 97.896 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF119082.D
Acq: 25 Feb 2020 23:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.0	40.4	60.6
63	29.1	21.3	31.9





#7

Phenol-d6

Concen: 98.601 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119082.D

Acq: 25 Feb 2020 23:42

Instrument :

BNA_F

ClientSampleId :

RBR-2520699

Tot Ion: 99 Resp: 1274547

Ion Ratio Lower Upper

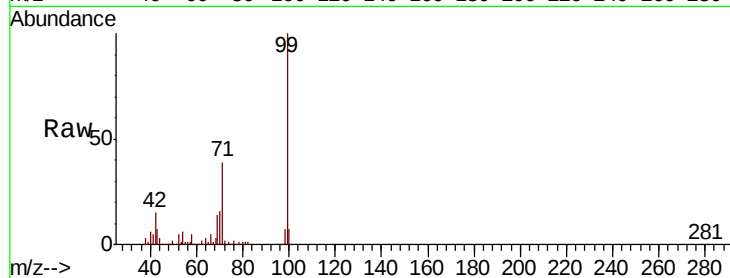
99 100

42 15.3 11.4 17.0

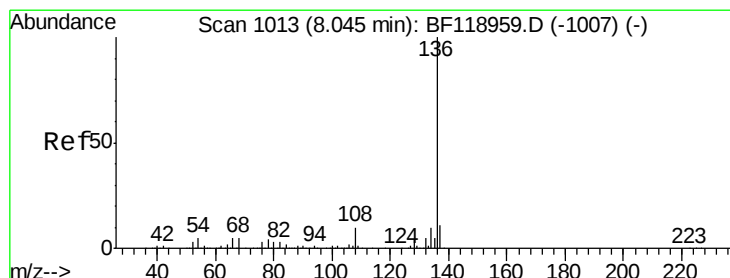
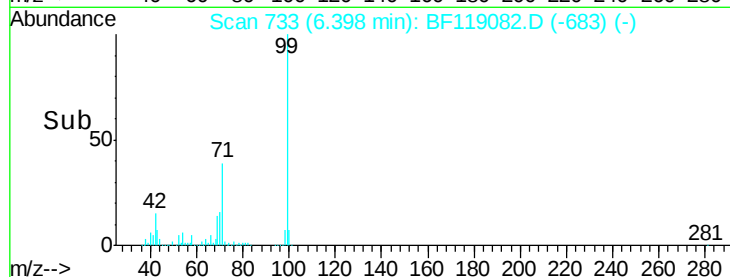
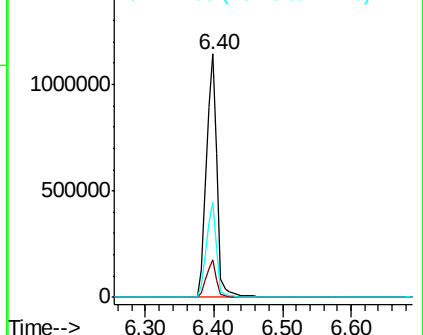
71 39.0 29.8 44.6

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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: 8.03 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF119082.D

Acq: 25 Feb 2020 23:42

Tgt Ion: 136 Resp: 691192

Ion Ratio Lower Upper

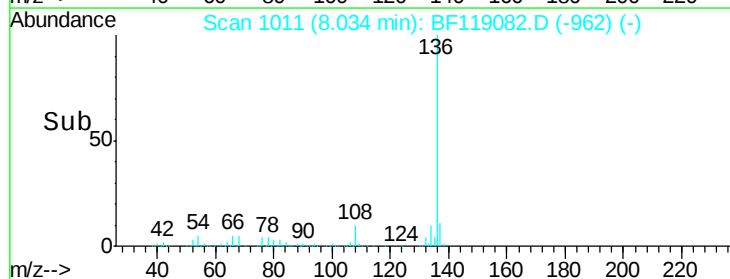
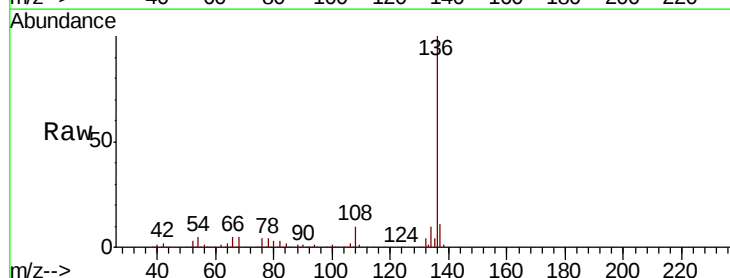
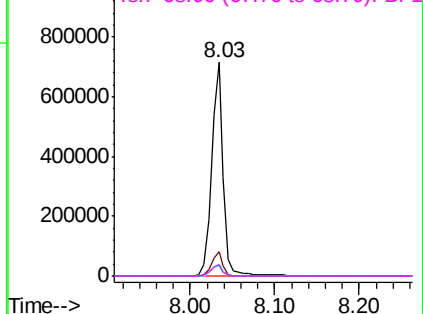
136 100

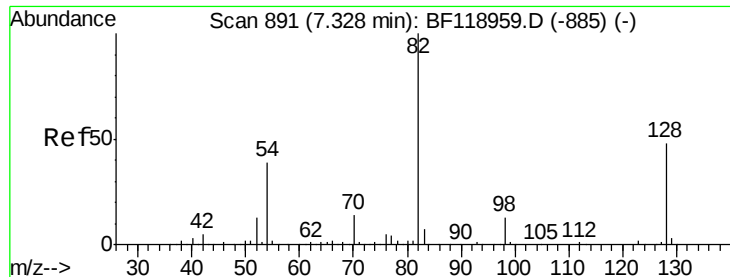
137 11.1 8.9 13.3

54 5.0 3.8 5.6

68 5.2 4.2 6.2

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





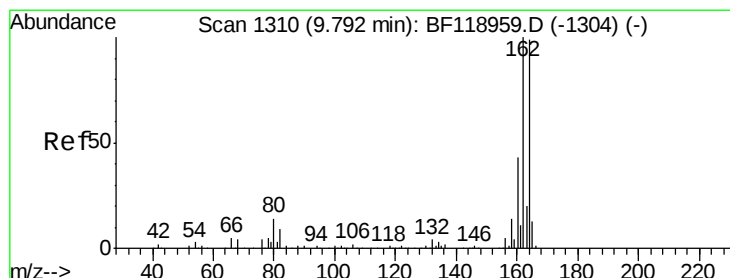
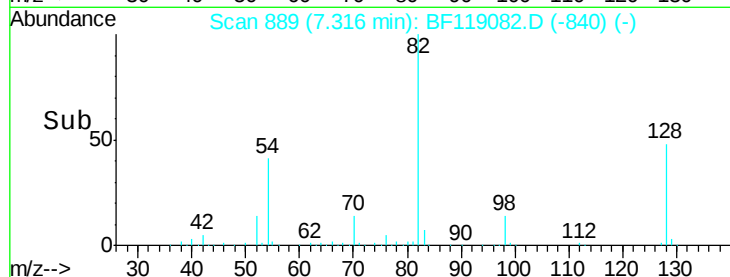
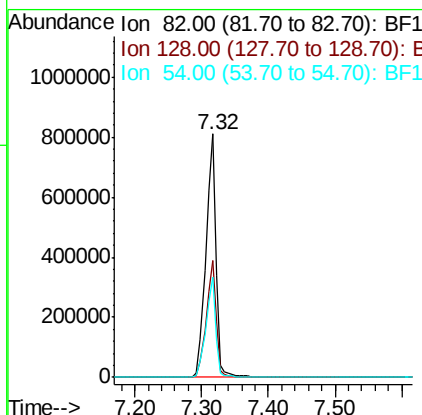
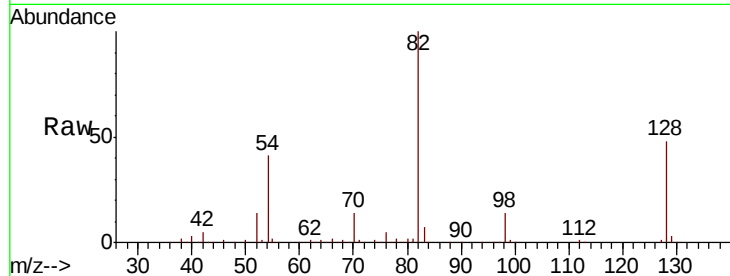
#23
 Nitrobenzene-d5
 Concen: 65.098 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF119082.D
 Acq: 25 Feb 2020 23:42

Instrument :
 BNA_F
 ClientSampled :
 RBR-2520699

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.0	38.2	57.2
54	41.2	31.3	46.9

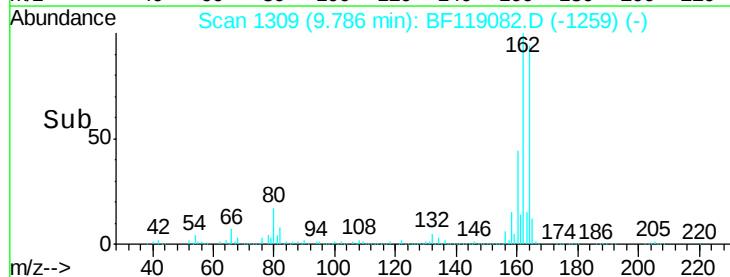
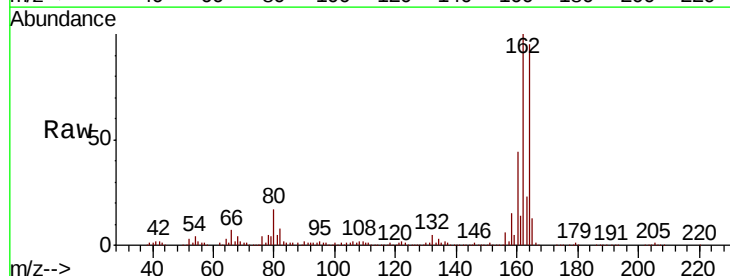
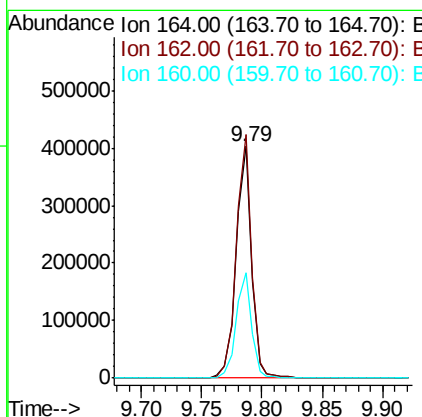
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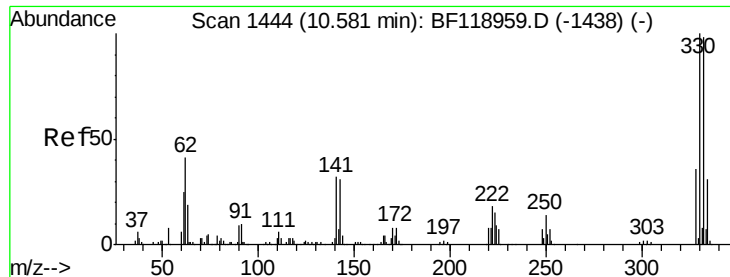
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF119082.D
 Acq: 25 Feb 2020 23:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.2	81.2	121.8
160	45.7	35.2	52.8





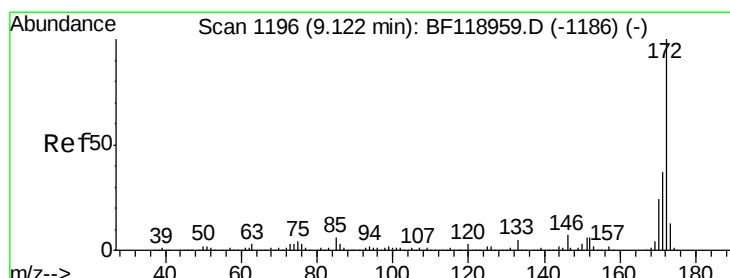
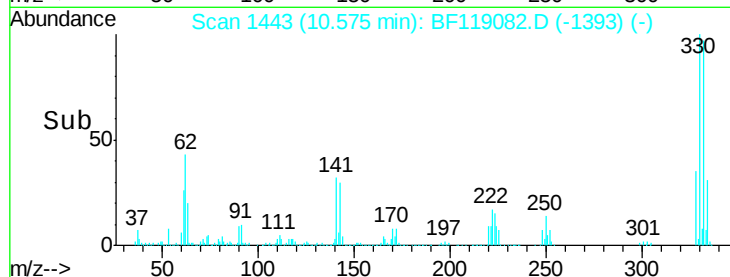
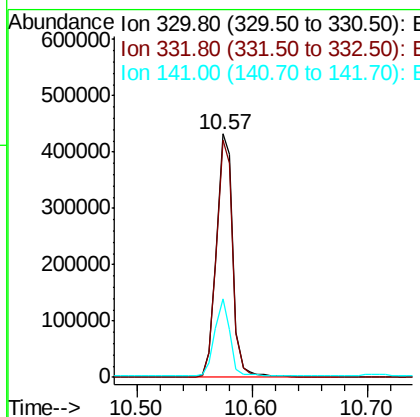
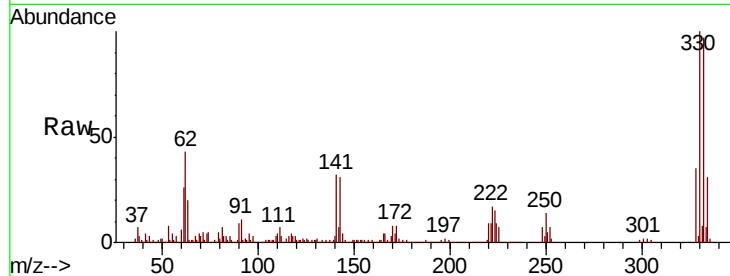
#42
 2,4,6-Tribromophenol
 Concen: 90.578 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BF119082.D
 Acq: 25 Feb 2020 23:42

Instrument :
 BNA_F
 ClientSampleId :
 RBR-2520699

Tot Ion:	330	Resp:	427751
Ion Ratio	Lower	Upper	
330	100		
332	97.4	77.1	115.7
141	29.1	23.0	34.6

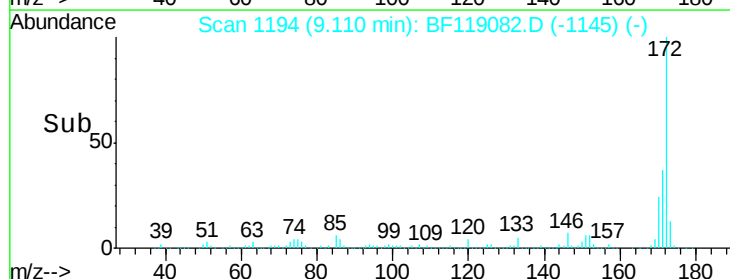
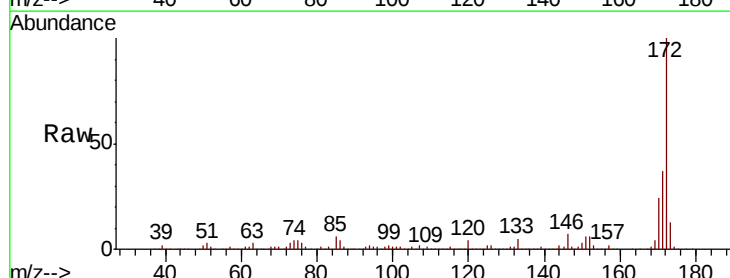
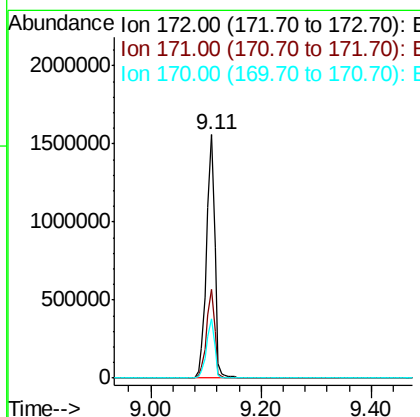
Manual Integrations
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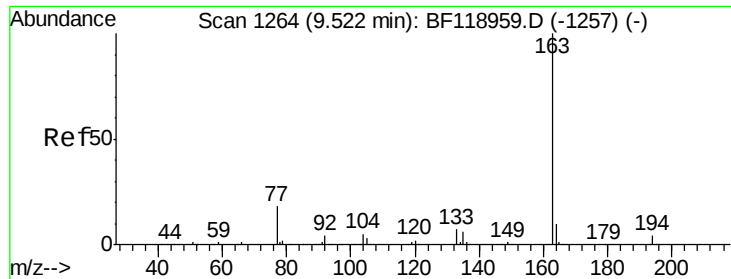
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#45
 2-Fluorobiphenyl
 Concen: 64.388 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF119082.D
 Acq: 25 Feb 2020 23:42

Tgt Ion:	172	Resp:	1577822
Ion Ratio	Lower	Upper	
172	100		
171	36.6	29.4	44.2
170	24.1	19.6	29.4





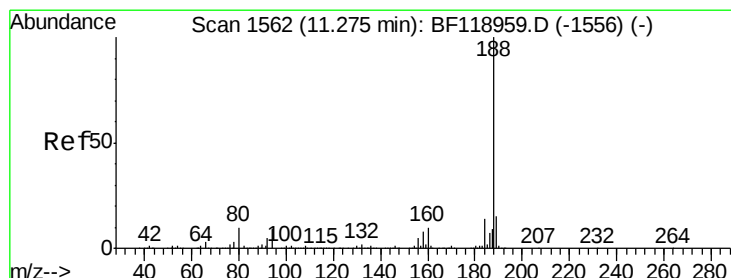
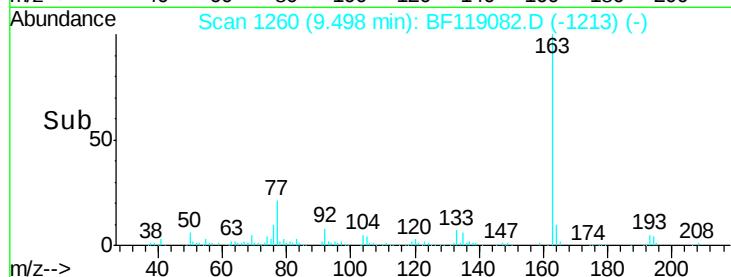
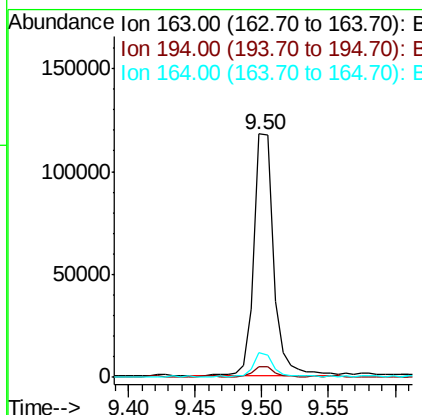
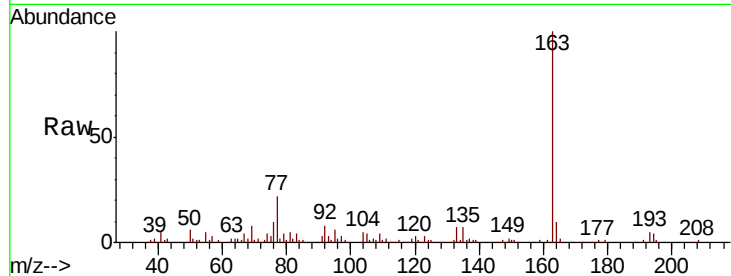
#50
Dimethylphthalate
Concen: 4.293 ng
RT: 9.50 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF119082.D
Acq: 25 Feb 2020 23:42

Instrument :
BNA_F
ClientSampleId :
RBR-2520699

Tot Ion	Ratio	Resp	Lower	Upper
163	100	118503		
194	4.4		3.4	5.2
164	10.2		8.2	12.2

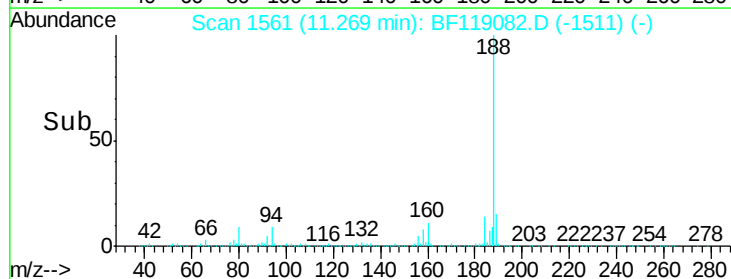
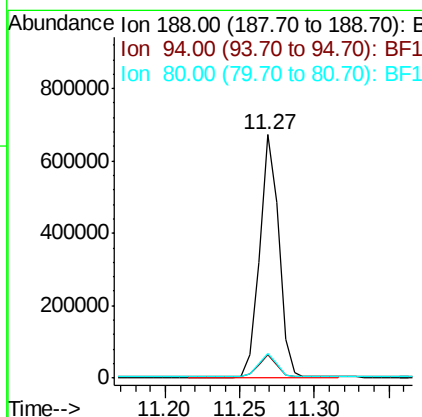
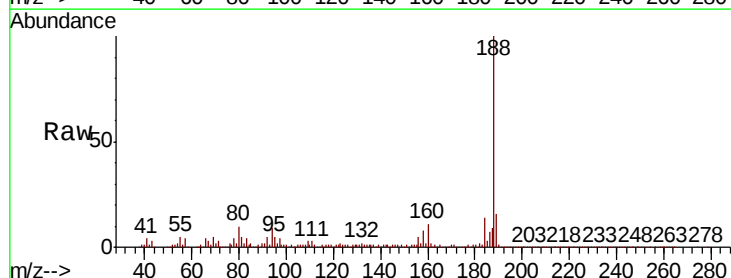
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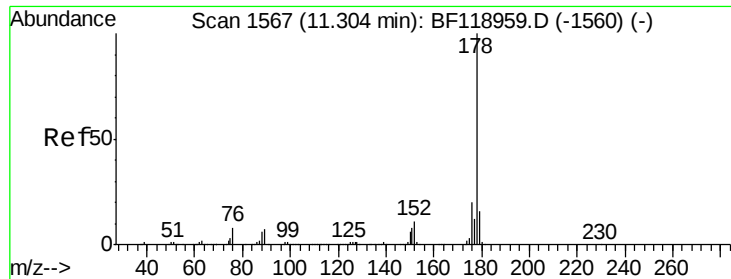
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF119082.D
Acq: 25 Feb 2020 23:42

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	594556		
94	9.4		7.0	10.6
80	9.9		7.9	11.9





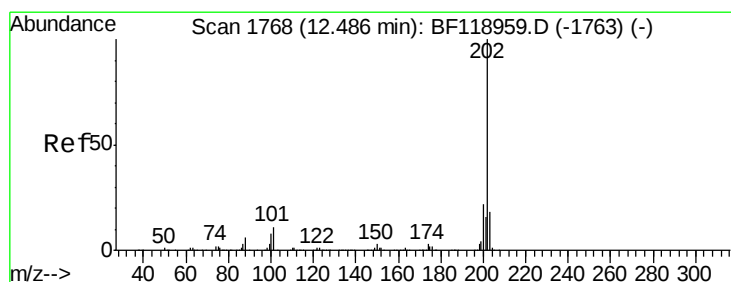
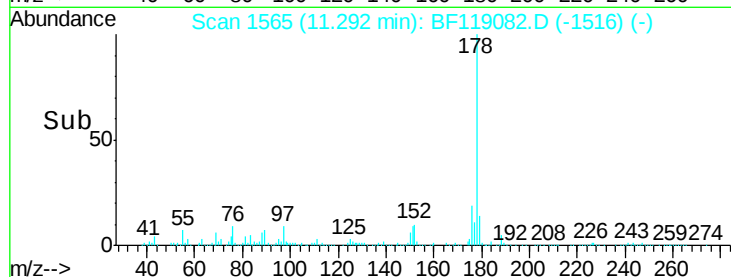
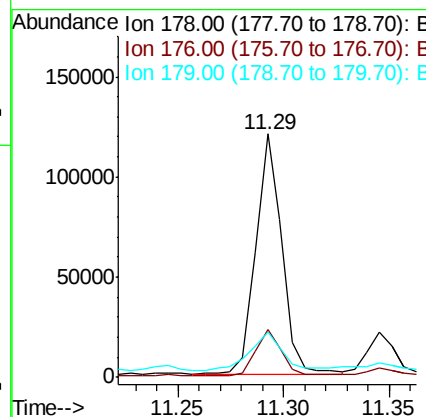
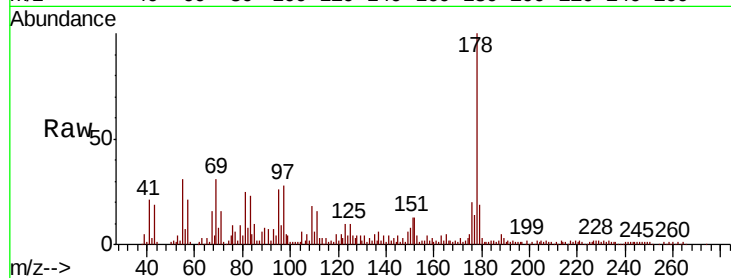
#71
Phenanthrene
Concen: 3.156 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF119082.D
Acq: 25 Feb 2020 23:42

Instrument :
BNA_F
ClientSampleId :
RBR-2520699

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.6	23.4
179	18.5	12.6	18.8

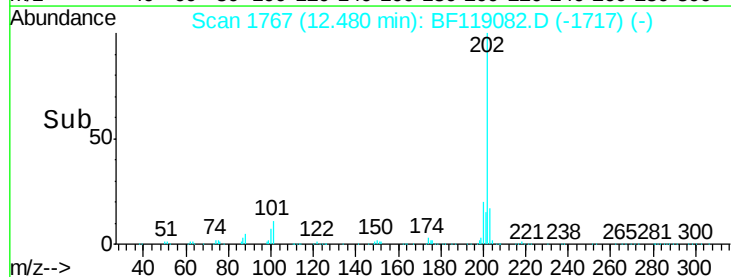
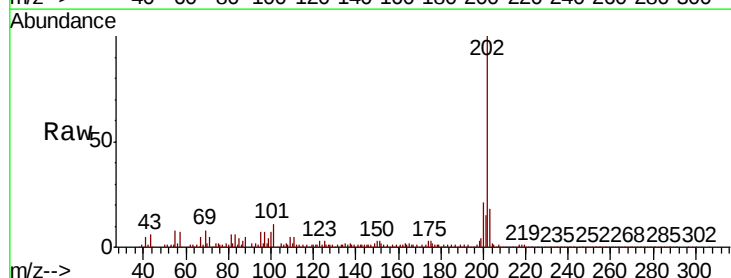
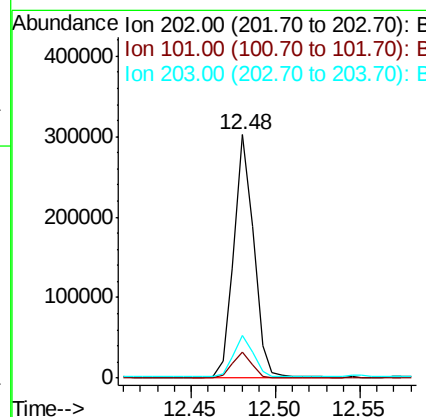
Manual Integrations
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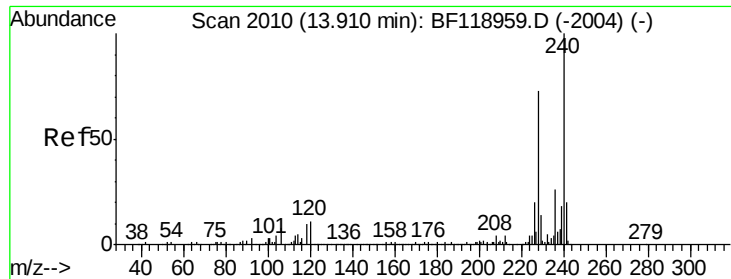
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#75
Fluoranthene
Concen: 7.180 ng
RT: 12.48 min Scan# 1767
Delta R.T. -0.01 min
Lab File: BF119082.D
Acq: 25 Feb 2020 23:42

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	31.1
203	17.7	0.0	38.1





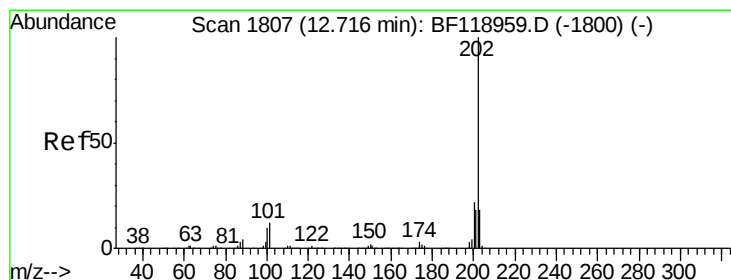
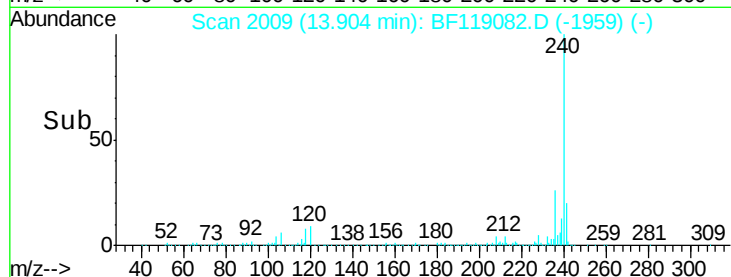
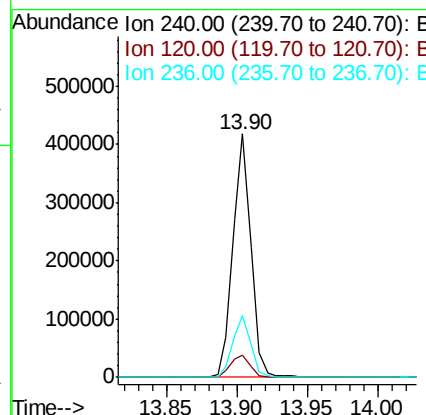
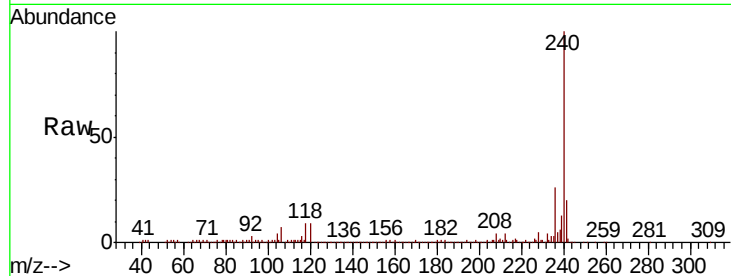
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF119082.D
Acq: 25 Feb 2020 23:42

Instrument :
BNA_F
ClientSampleId :
RBR-2520699

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.3	8.9	13.3
236	25.6	20.6	30.8

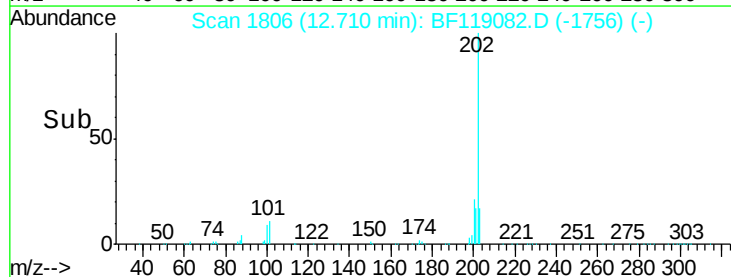
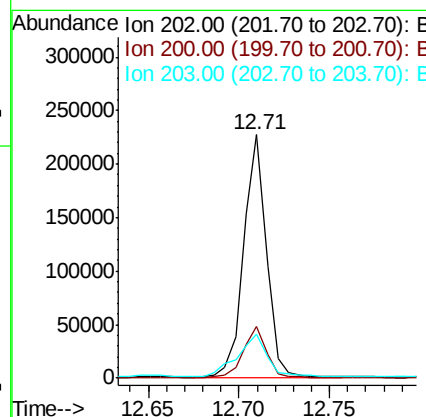
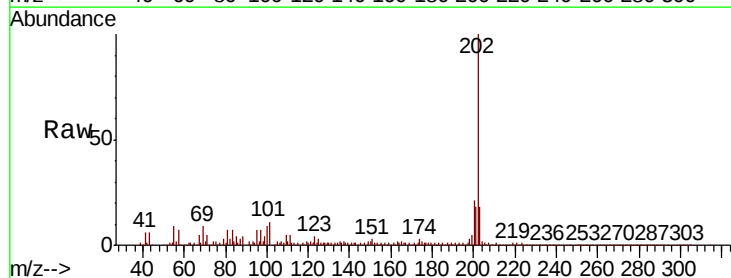
Manual Integrations
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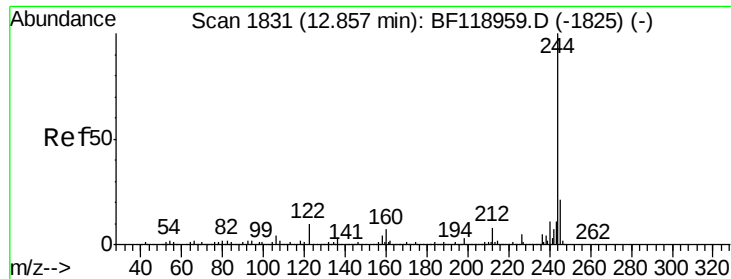
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#78
Pyrene
Concen: 6.654 ng
RT: 12.71 min Scan# 1806
Delta R.T. -0.01 min
Lab File: BF119082.D
Acq: 25 Feb 2020 23:42

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.0
203	17.8	14.5	21.7





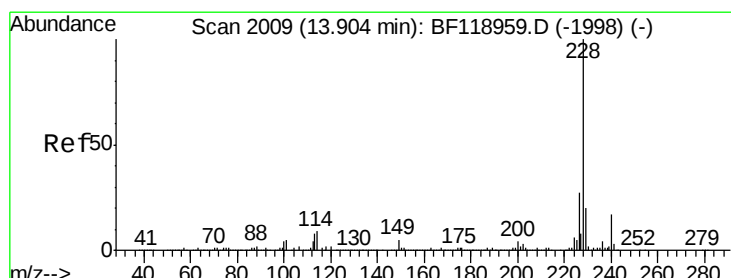
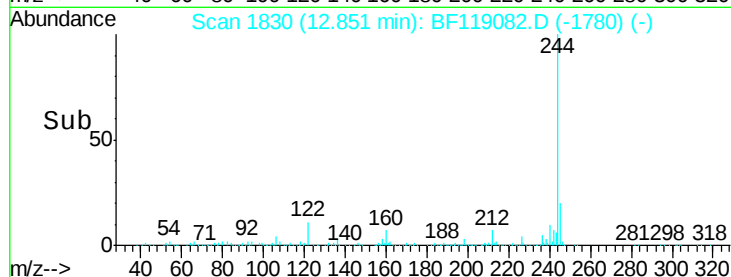
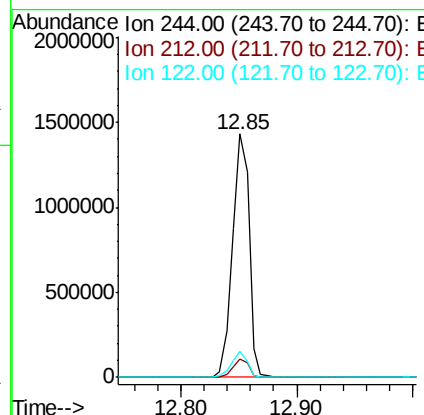
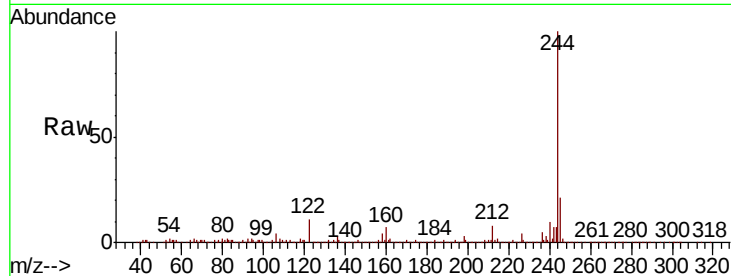
#79
 Terphenyl-d14
 Concen: 66.144 ng
 RT: 12.85 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BF119082.D
 Acq: 25 Feb 2020 23:42

Instrument :
 BNA_F
 ClientSampleId :
 RBR-2520699

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.3	9.5
122	10.7	8.4	12.6

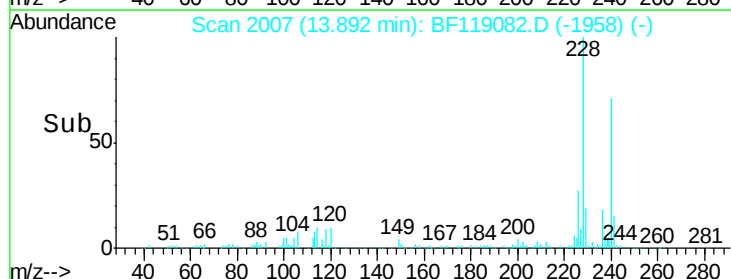
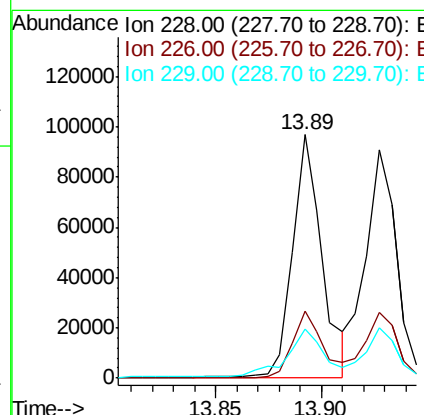
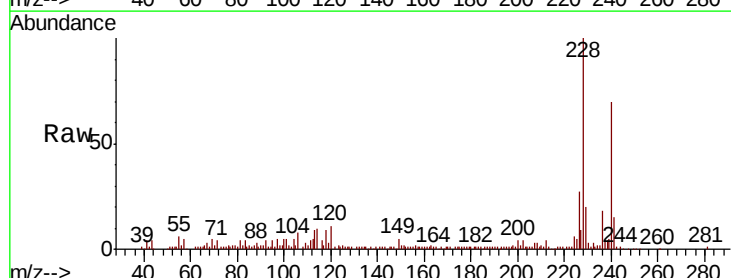
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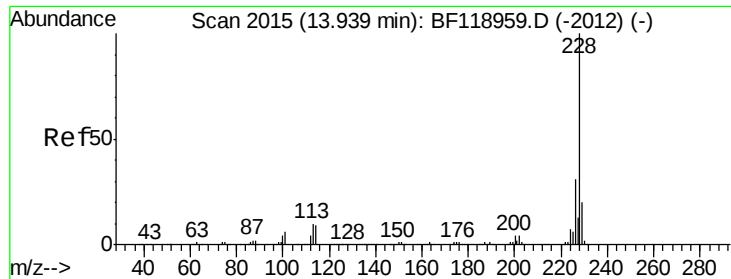
mohammad
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#81
 Benzo(a)anthracene
 Concen: 3.753 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF119082.D
 Acq: 25 Feb 2020 23:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.8	32.8
229	20.3	16.0	24.0





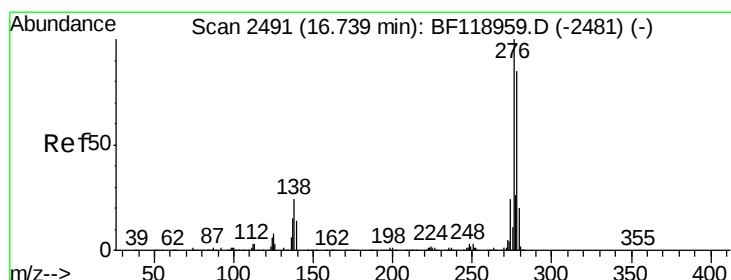
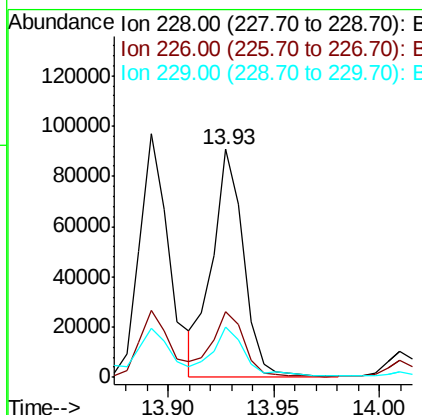
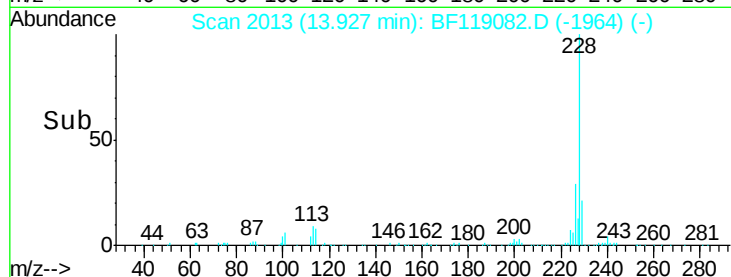
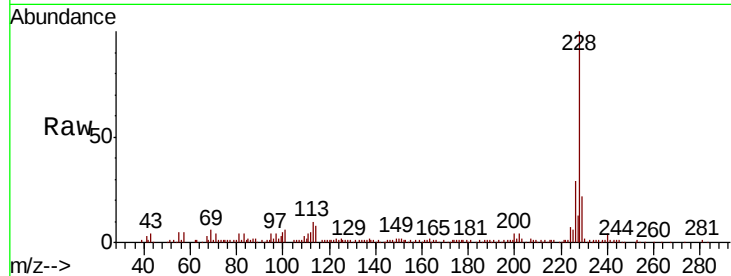
#83
Chrysene
Concen: 3.733 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF119082.D
Acq: 25 Feb 2020 23:42

Instrument :
BNA_F
ClientSampleId :
RBR-2520699

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.9	24.6	37.0
229	21.9	16.2	24.2

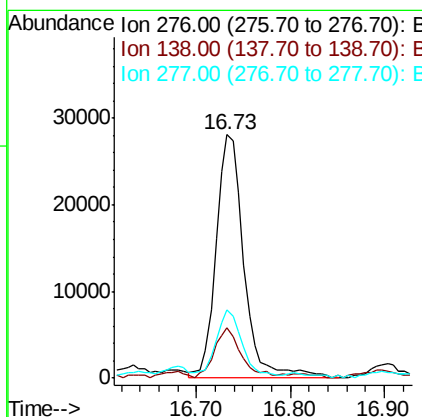
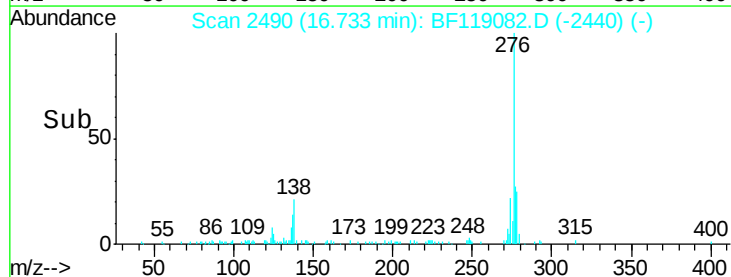
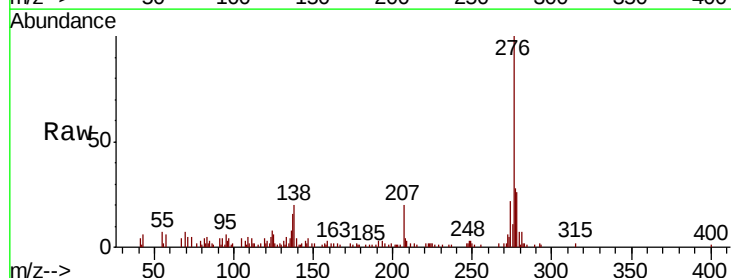
Manual Integrations
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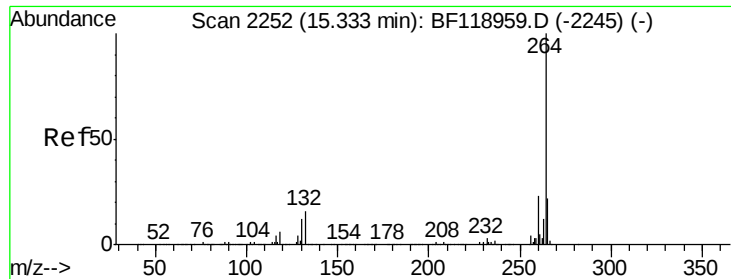
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#86
Indeno(1,2,3-cd)pyrene
Concen: 2.398 ng
RT: 16.73 min Scan# 2490
Delta R.T. -0.01 min
Lab File: BF119082.D
Acq: 25 Feb 2020 23:42

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.7	18.7	28.1
277	26.5	20.3	30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.33 min Scan# 2251

Delta R.T. -0.01 min

Lab File: BF119082.D

Acq: 25 Feb 2020 23:42

Instrument :

BNA_F

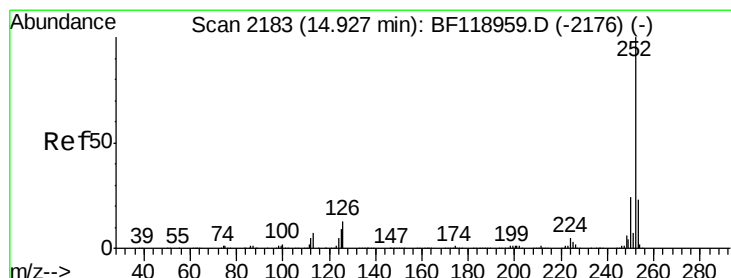
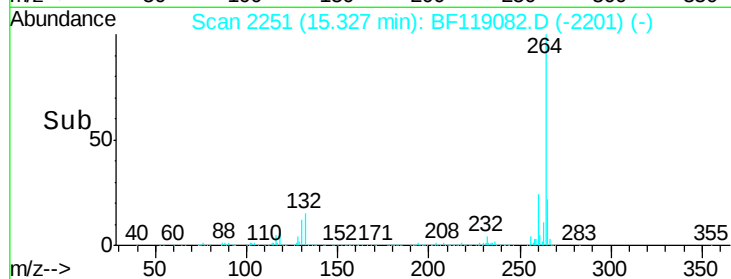
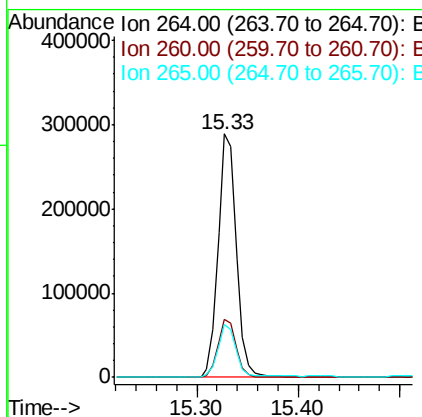
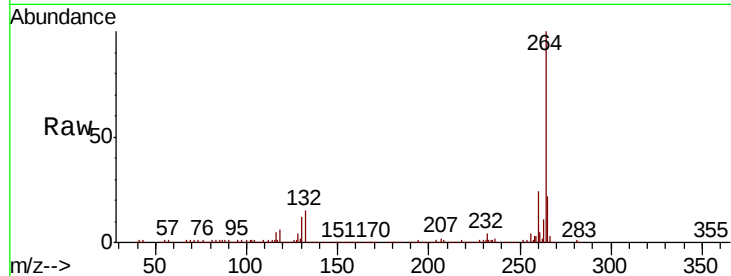
ClientSampleId :

RBR-2520699

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	28.0
265	21.9	17.3	25.9

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#88

Benzo(b)fluoranthene

Concen: 4.895 ng m

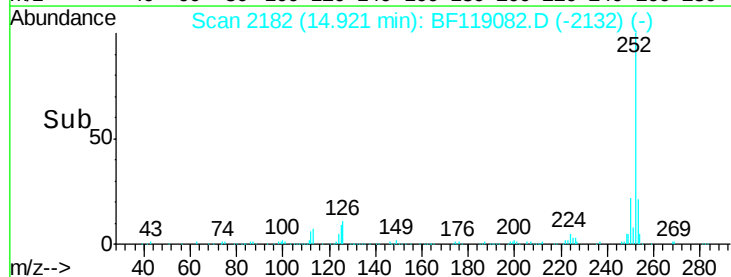
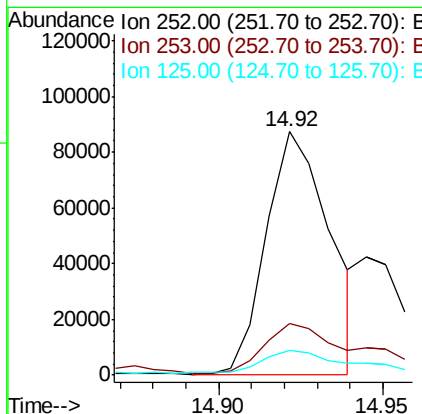
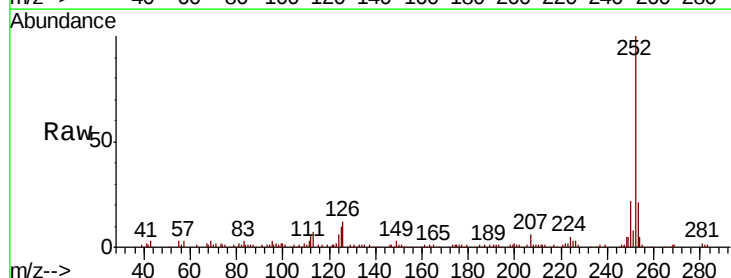
RT: 14.92 min Scan# 2182

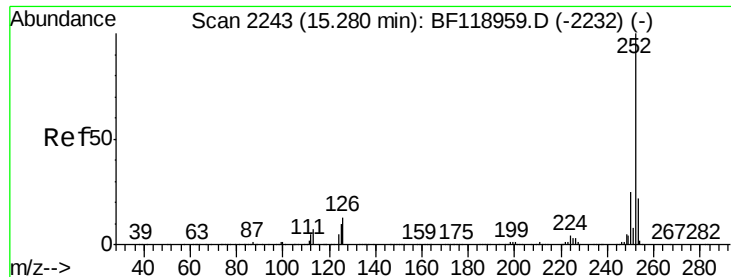
Delta R.T. -0.01 min

Lab File: BF119082.D

Acq: 25 Feb 2020 23:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.1	18.2	27.2
125	9.9	7.4	11.0





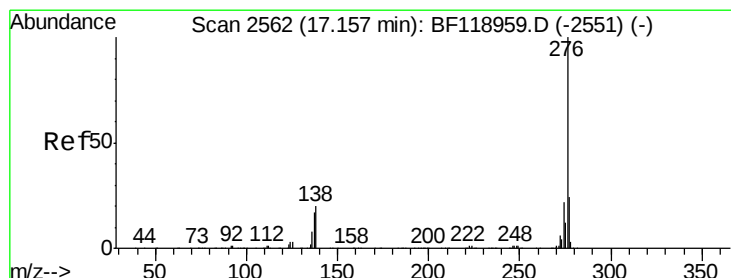
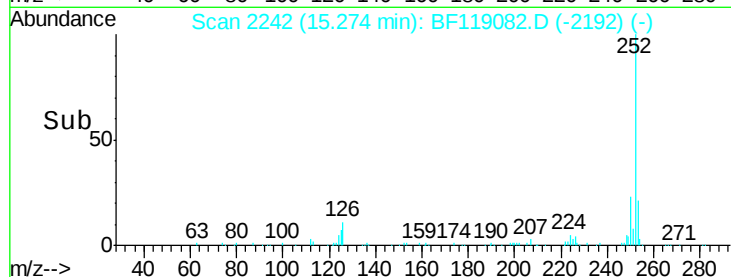
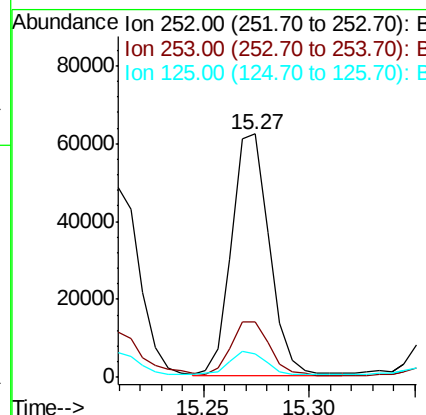
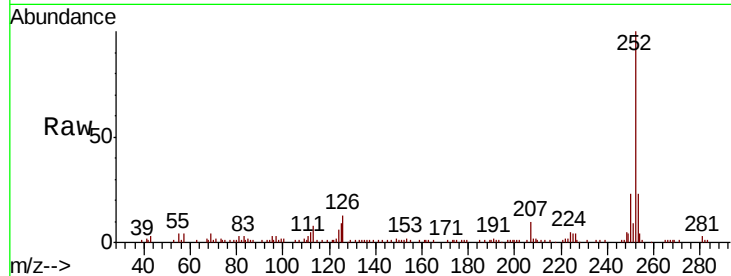
#90
Benzo(a)pyrene
Concen: 3.583 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.01 min
Lab File: BF119082.D
Acq: 25 Feb 2020 23:42

Instrument :
BNA_F
ClientSampleId :
RBR-2520699

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	9.4	7.8	11.6

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#92
Benzo(g,h,i)perylene
Concen: 2.901 ng
RT: 17.16 min Scan# 2562
Delta R.T. 0.00 min
Lab File: BF119082.D
Acq: 25 Feb 2020 23:42

Tgt Ion	Ratio	Lower	Upper
276	100		
277	27.1	19.2	28.8
138	19.7	16.2	24.4

