

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030420\
 Data File : BF119204.D
 Acq On : 4 Mar 2020 19:52
 Operator : CG/JU
 Sample : L1769-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1

Manual Integrations
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Quant Time: Mar 05 06:07:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	132222	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	476658	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	224252	20.00	ng	-0.01
64) Phenanthrene-d10	11.26	188	324773	20.00	ng	0.00
76) Chrysene-d12	13.90	240	255574	20.00	ng	0.00
87) Perylene-d12	15.33	264	225505	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	719242	90.91	ng	0.01
7) Phenol-d6	6.40	99	866420	90.04	ng	0.00
23) Nitrobenzene-d5	7.30	82	561396	62.19	ng	-0.02
42) 2,4,6-Tribromophenol	10.57	330	209737	71.49	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1058082	69.51	ng	-0.01
79) Terphenyl-d14	12.84	244	898397	60.52	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.49	163	157566	9.189	ng	98
71) Phenanthrene	11.28	178	66545	3.757	ng	97
75) Fluoranthene	12.47	202	89667	4.769	ng	98
78) Pyrene	12.70	202	91856	4.476	ng	97
81) Benzo(a)anthracene	13.89	228	50917	2.924	ng	98
83) Chrysene	13.92	228	48886m	2.817	ng	
88) Benzo(b)fluoranthene	14.92	252	53443m	3.595	ng	
90) Benzo(a)pyrene	15.27	252	36400	2.713	ng	# 82

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

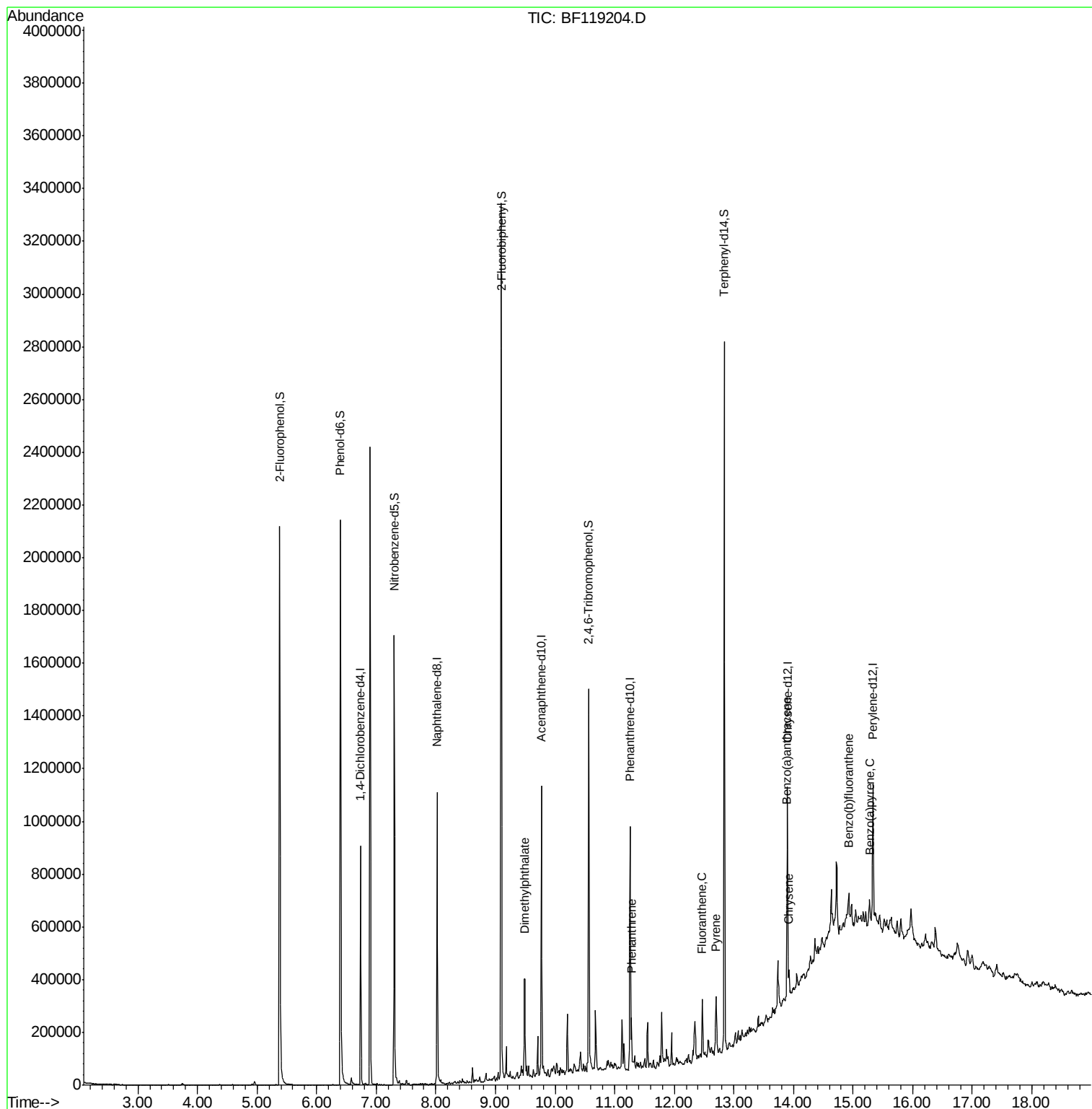
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030420\
Data File : BF119204.D
Acq On : 4 Mar 2020 19:52
Operator : CG/JU
Sample : L1769-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

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#1

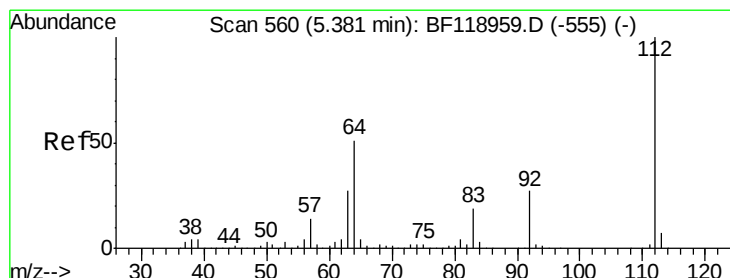
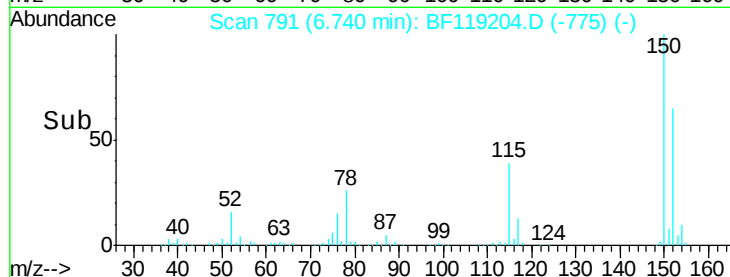
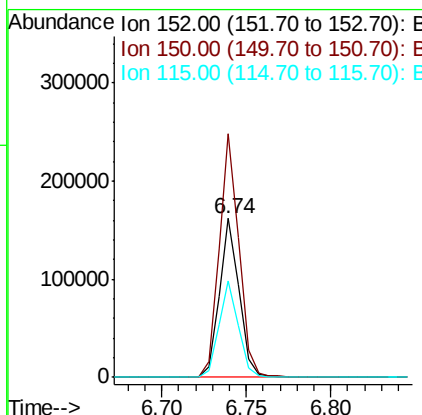
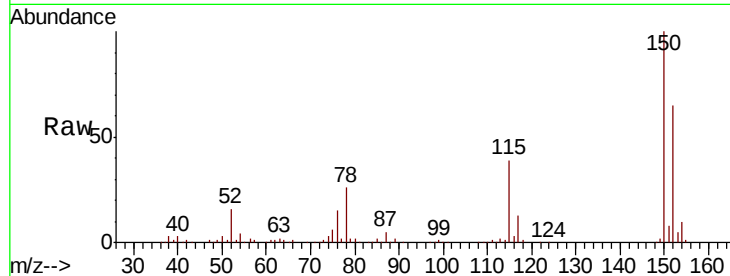
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF119204.D
Acq: 4 Mar 2020 19:52

Instrument :
BNA_F
ClientSampleId :
SP-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	123.0	184.6
115	60.3	49.5	74.3

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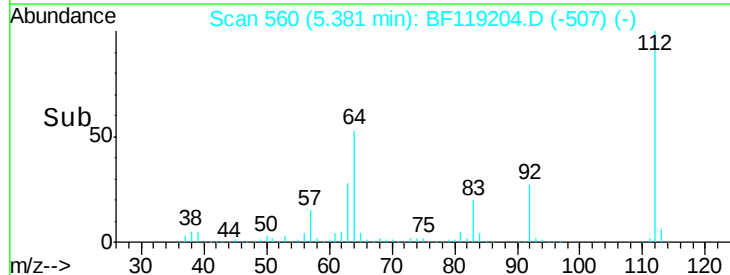
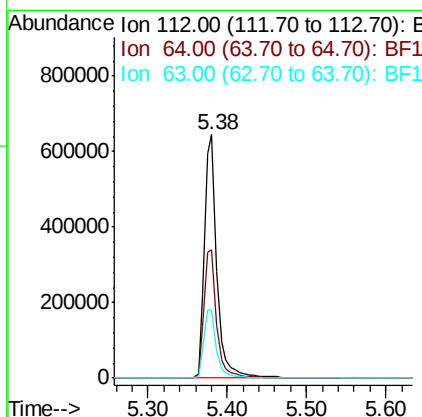
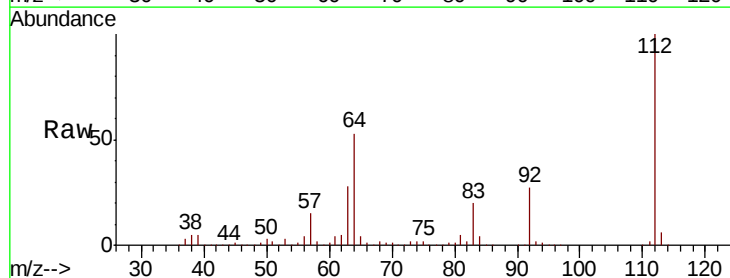
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#5

2-Fluorophenol
Concen: 90.906 ng
RT: 5.38 min Scan# 560
Delta R.T. 0.01 min
Lab File: BF119204.D
Acq: 4 Mar 2020 19:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.0	45.0	67.4
63	28.1	24.2	36.4





#7

Phenol-d6

Concen: 90.043 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119204.D

Acq: 4 Mar 2020 19:52

Instrument :

BNA_F

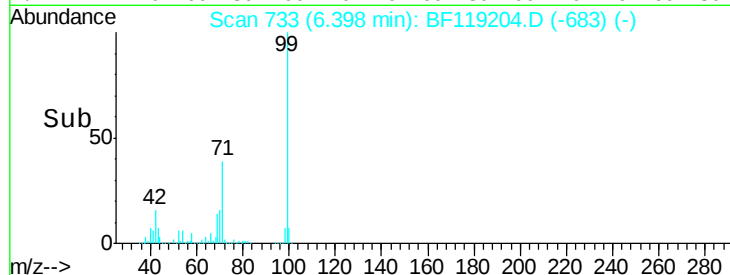
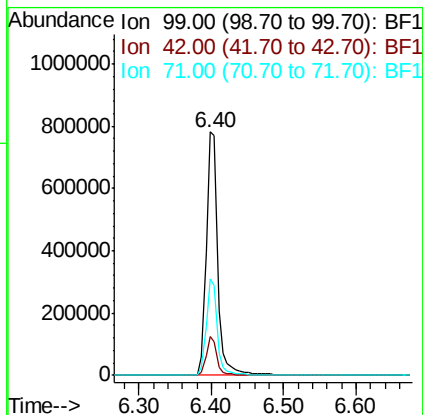
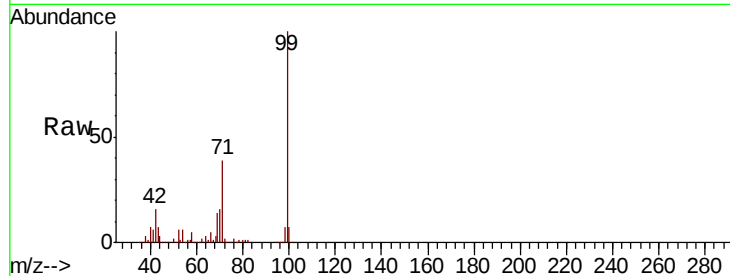
ClientSampled :

SP-1

Tot Ion:	99	Resp:	866420
Ion Ratio	Lower	Upper	
99	100		
42	15.9	12.6	18.8
71	39.4	31.0	46.4

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#21

Naphthalene-d8

Concen: 20.000 ng

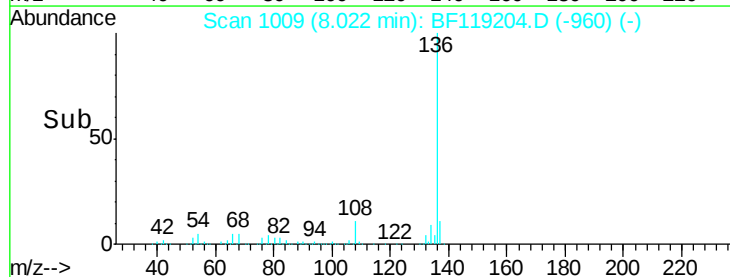
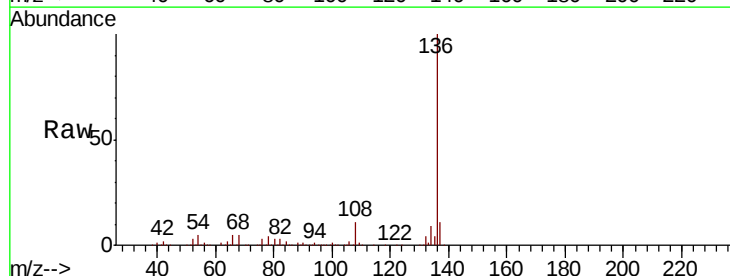
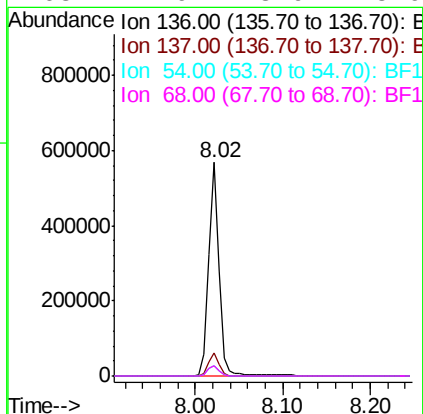
RT: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF119204.D

Acq: 4 Mar 2020 19:52

Tgt Ion:	136	Resp:	476658
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.8	13.2
54	5.0	3.8	5.6
68	4.9	3.9	5.9





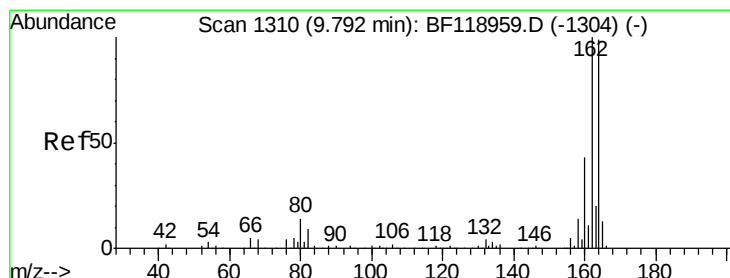
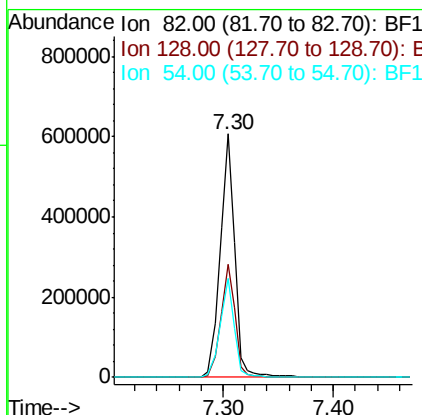
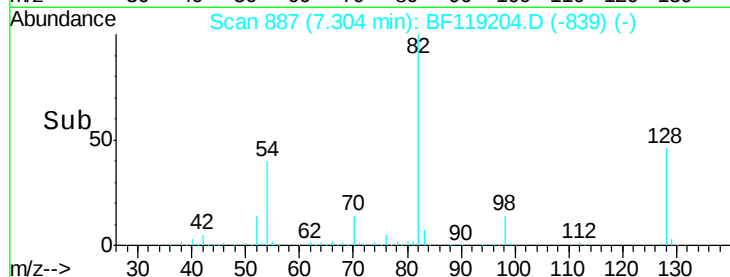
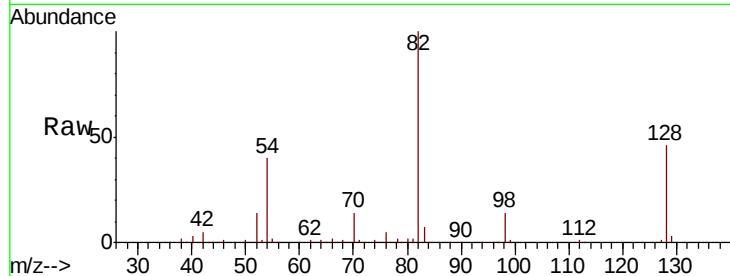
#23
 Nitrobenzene-d5
 Concen: 62.187 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.02 min
 Lab File: BF119204.D
 Acq: 4 Mar 2020 19:52

Instrument :
 BNA_F
 ClientSampled :
 SP-1

Tot Ion:	82	Resp:	561396
Ion Ratio	Lower	Upper	
82	100		
128	46.5	37.9	56.9
54	40.5	33.4	50.2

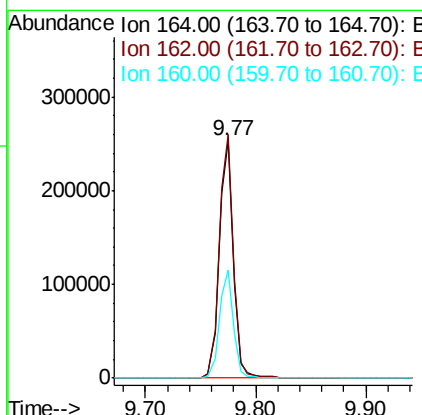
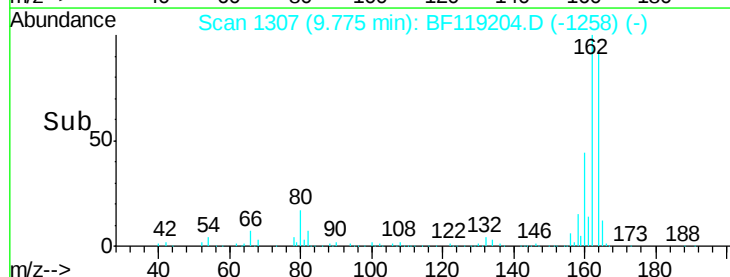
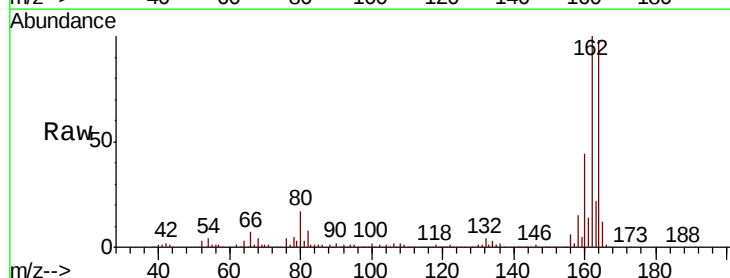
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF119204.D
 Acq: 4 Mar 2020 19:52

Tgt Ion:	164	Resp:	224252
Ion Ratio	Lower	Upper	
164	100		
162	102.5	81.8	122.8
160	45.4	36.0	54.0





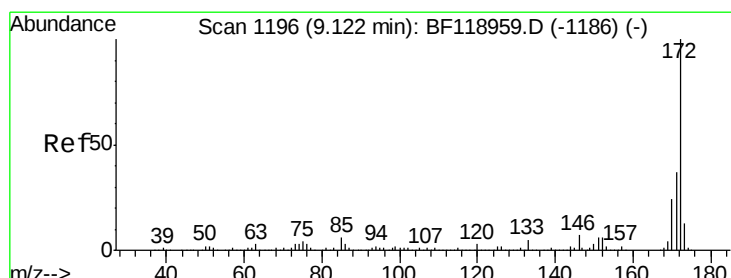
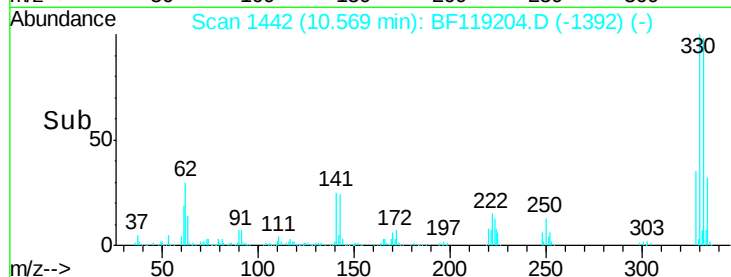
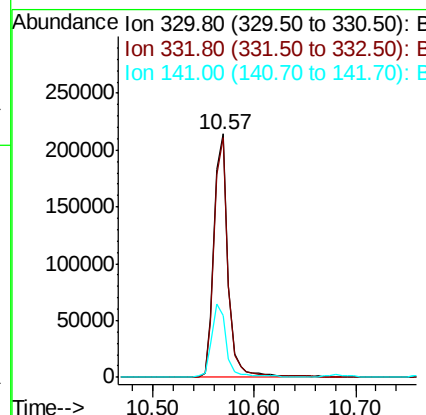
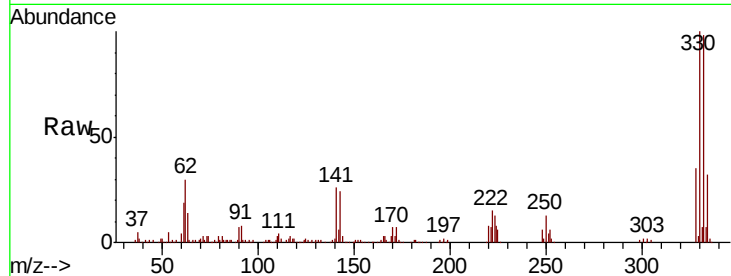
#42
 2,4,6-Tribromophenol
 Concen: 71.495 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF119204.D
 Acq: 4 Mar 2020 19:52

Instrument :
 BNA_F
 ClientSampled :
 SP-1

Tot Ion	Ratio	Resp	Lower	Upper
330	100	209737		
332	97.3	76.0	114.0	
141	30.4	22.9	34.3	

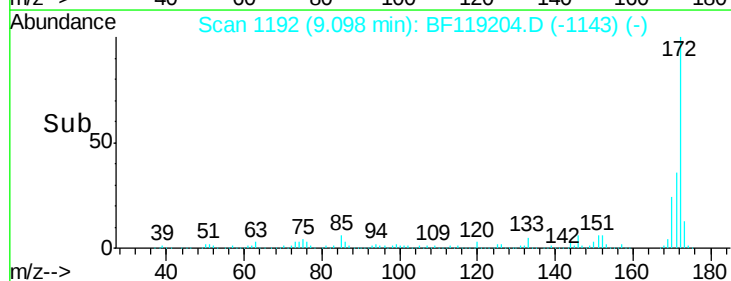
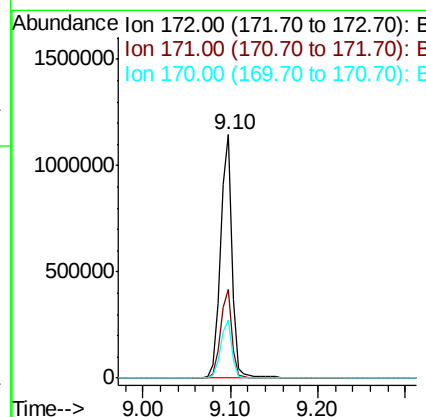
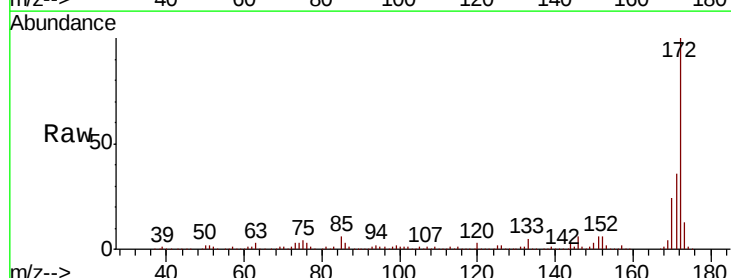
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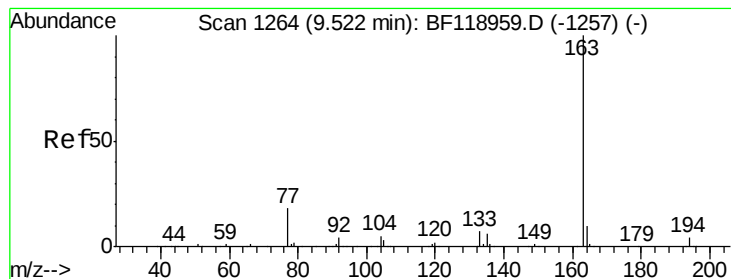
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#45
 2-Fluorobiphenyl
 Concen: 69.508 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF119204.D
 Acq: 4 Mar 2020 19:52

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1058082		
171	36.4	30.6	45.8	
170	24.0	20.2	30.2	





#50

Dimethylphthalate

Concen: 9.189 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BF119204.D

Acq: 4 Mar 2020 19:52

Instrument :

BNA_F

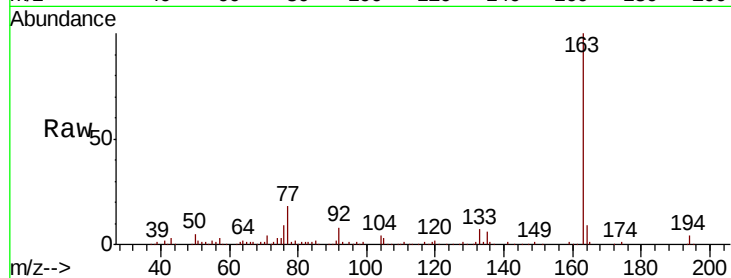
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SP-1

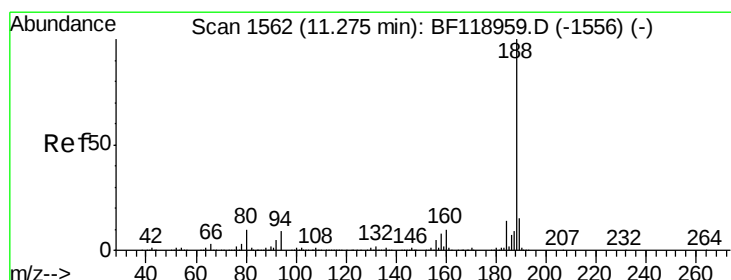
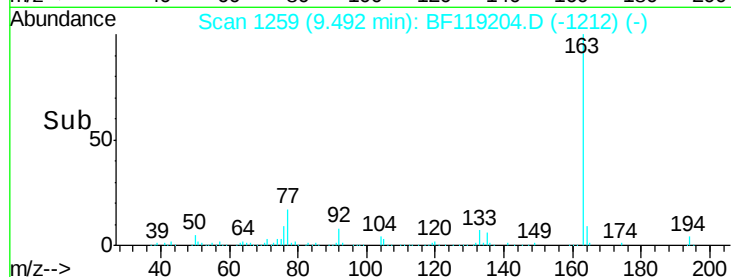
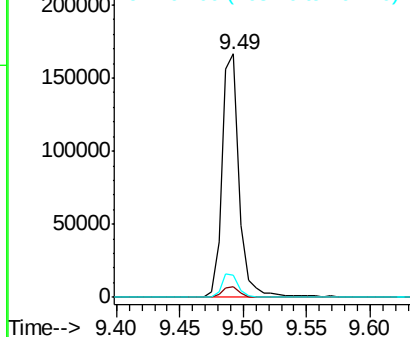
Tot Ion:	163	Resp:	157566
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.5	5.3
164	9.3	8.4	12.6

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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

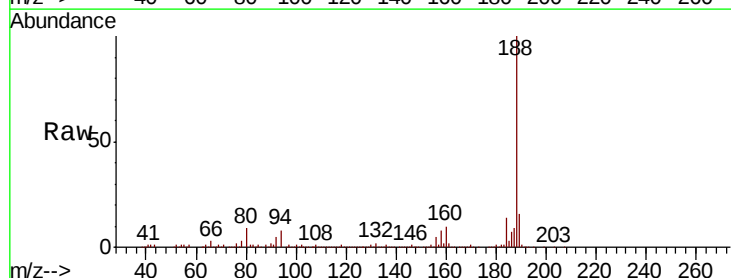
RT: 11.26 min Scan# 1559

Delta R.T. -0.01 min

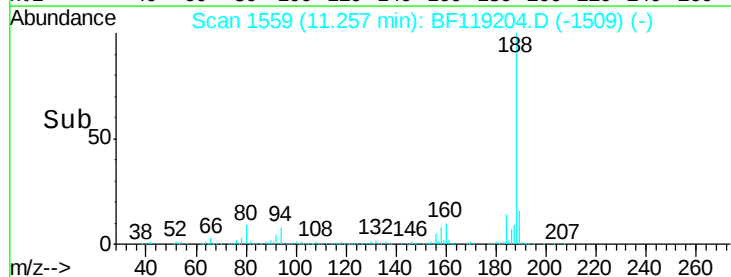
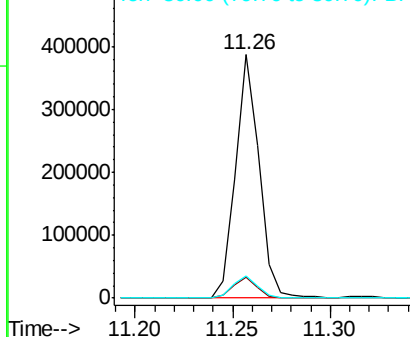
Lab File: BF119204.D

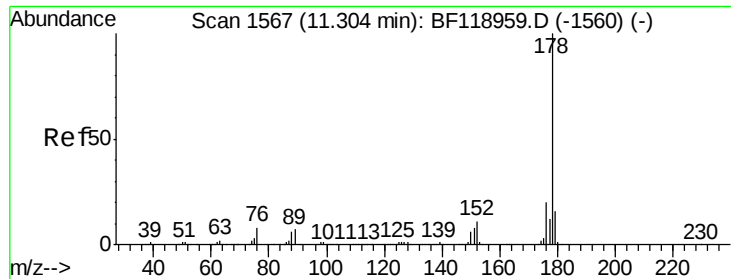
Acq: 4 Mar 2020 19:52

Tgt Ion:	188	Resp:	324773
Ion Ratio	Lower	Upper	
188	100		
94	8.5	7.1	10.7
80	9.2	7.8	11.8



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





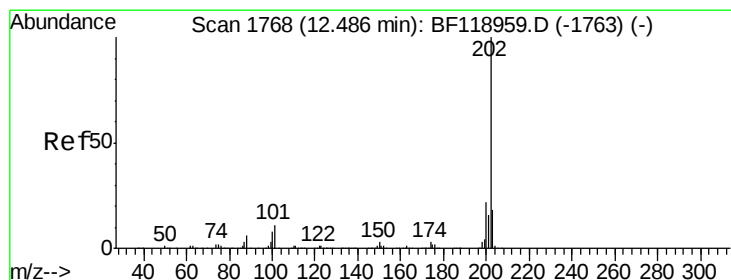
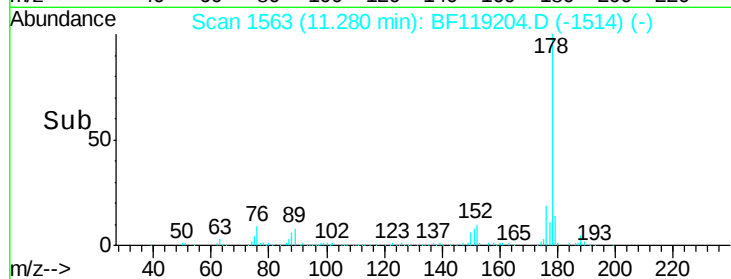
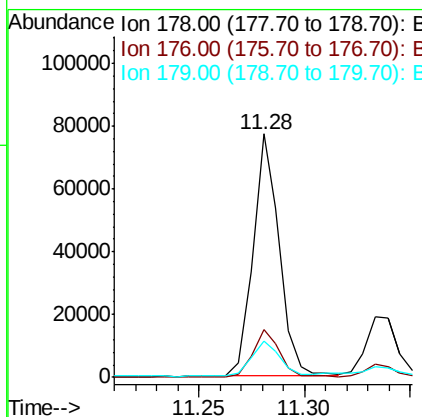
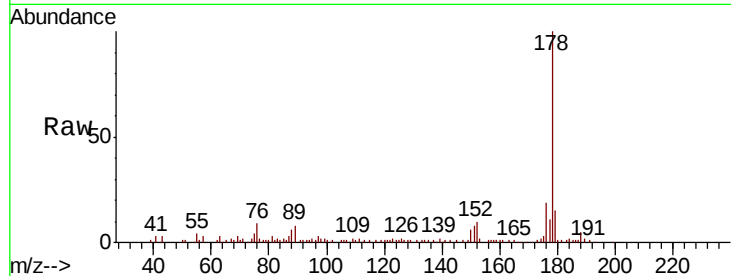
#71
Phenanthrene
Concen: 3.757 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BF119204.D
Acq: 4 Mar 2020 19:52

Instrument :
BNA_F
ClientSampled :
SP-1

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.5	24.7
179	15.1	13.0	19.6

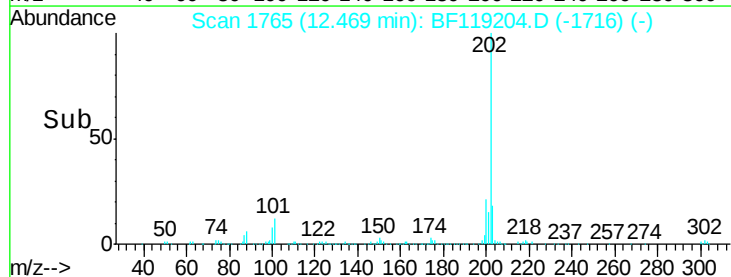
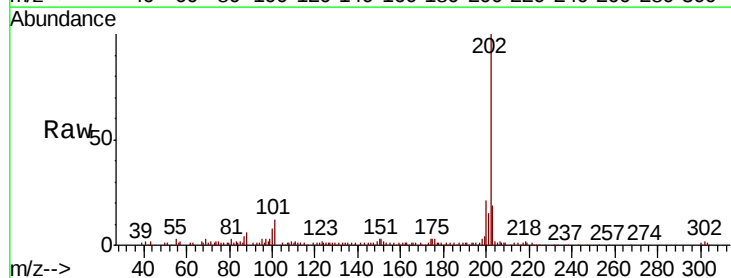
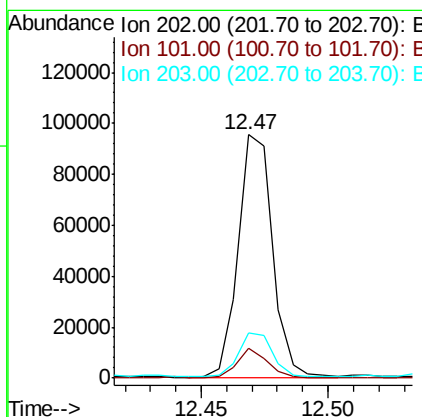
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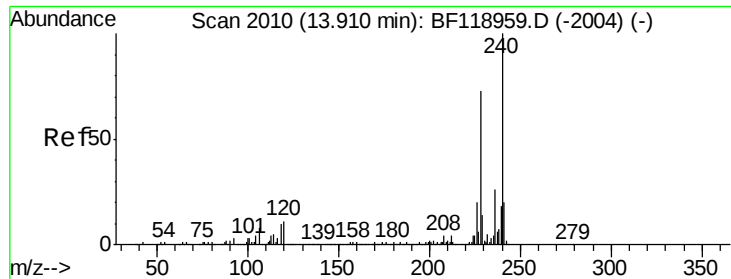
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#75
Fluoranthene
Concen: 4.769 ng
RT: 12.47 min Scan# 1765
Delta R.T. -0.01 min
Lab File: BF119204.D
Acq: 4 Mar 2020 19:52

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	30.3
203	18.5	0.0	38.4





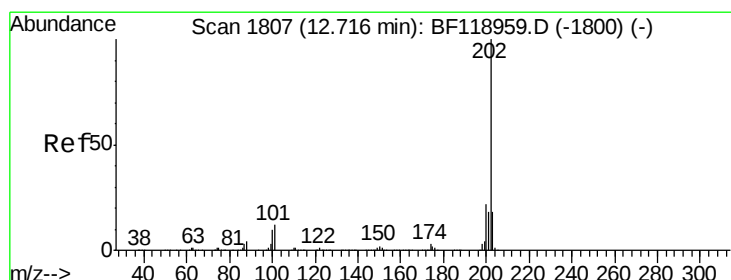
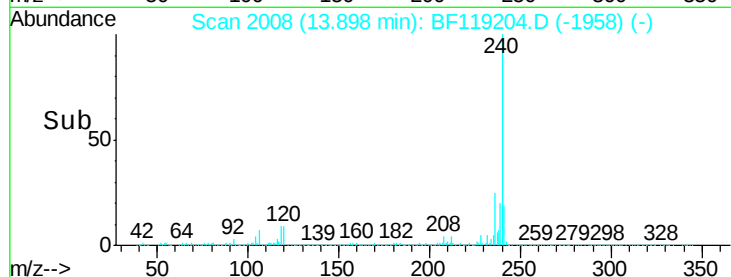
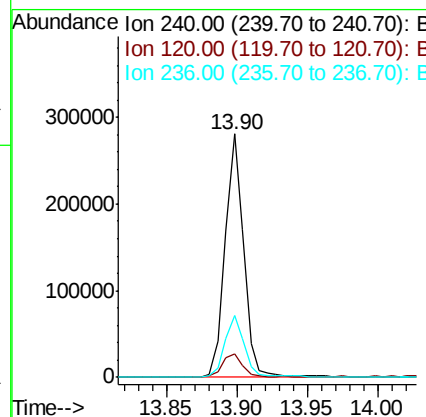
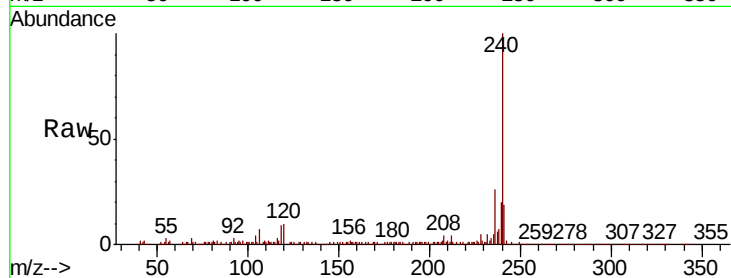
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF119204.D
Acq: 4 Mar 2020 19:52

Instrument :
BNA_F
ClientSampled :
SP-1

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.7	8.4	12.6
236	25.6	21.0	31.4

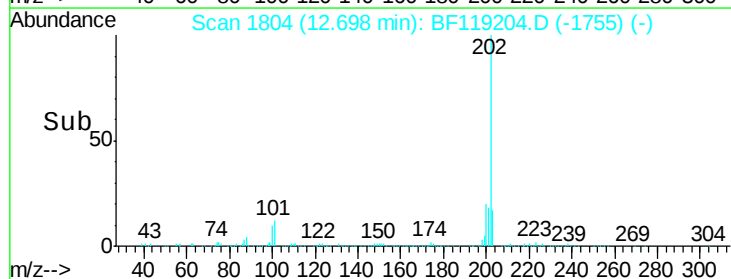
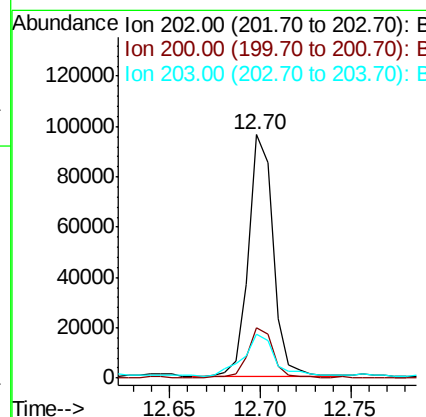
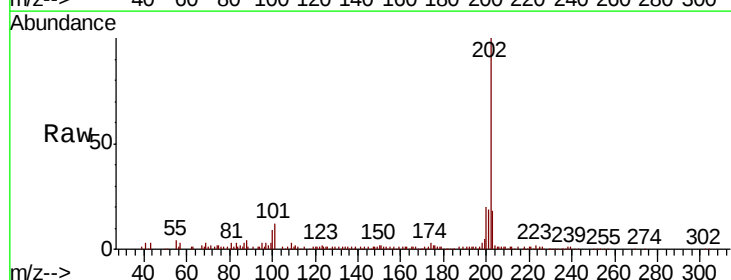
Manual Integrations
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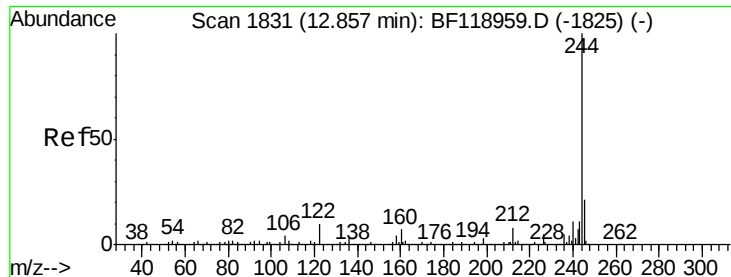
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#78
Pyrene
Concen: 4.476 ng
RT: 12.70 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BF119204.D
Acq: 4 Mar 2020 19:52

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.5	18.0	27.0
203	18.0	14.6	22.0





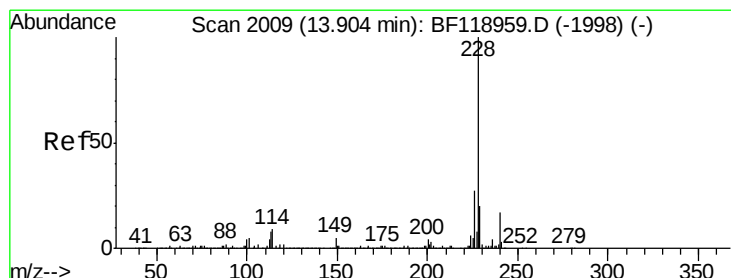
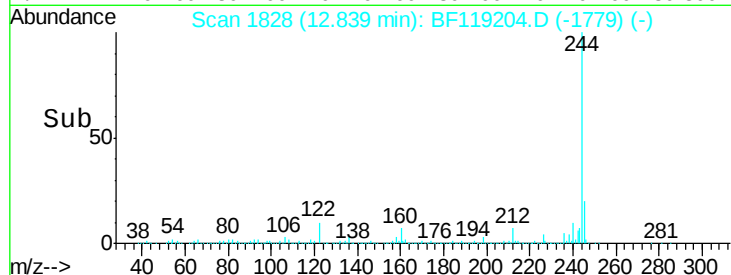
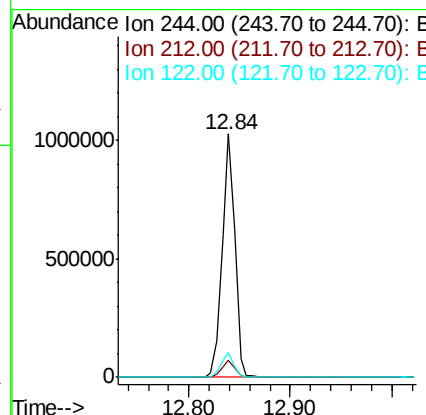
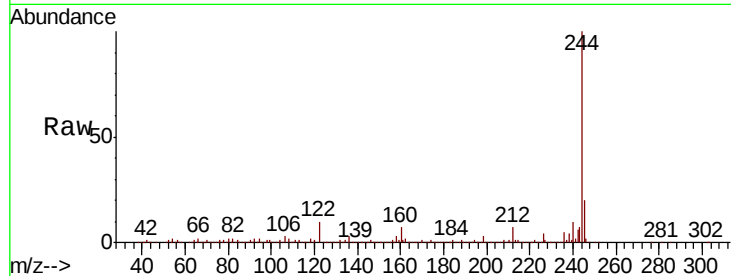
#79
 Terphenyl-d14
 Concen: 60.521 ng
 RT: 12.84 min Scan# 1828
 Delta R.T. -0.01 min
 Lab File: BF119204.D
 Acq: 4 Mar 2020 19:52

Instrument :
 BNA_F
 ClientSampled :
 SP-1

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.6	10.0
122	10.2	8.2	12.2

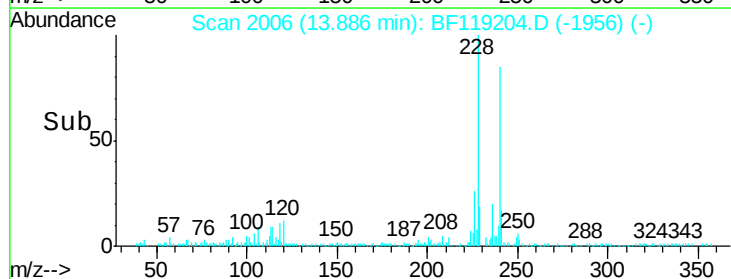
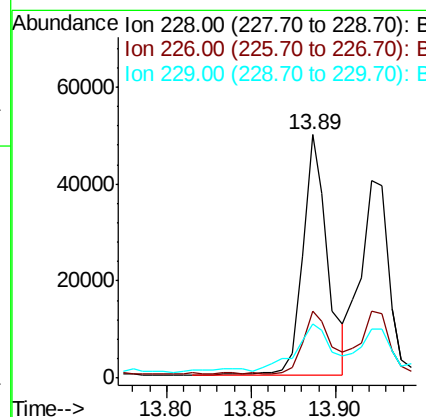
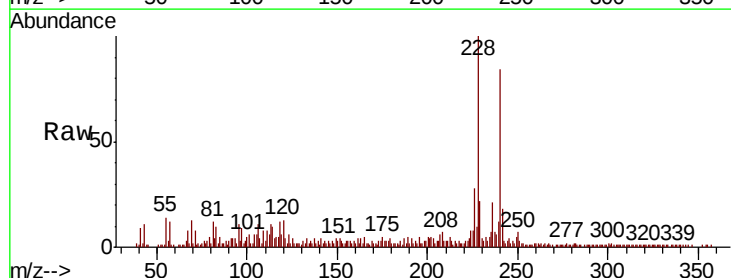
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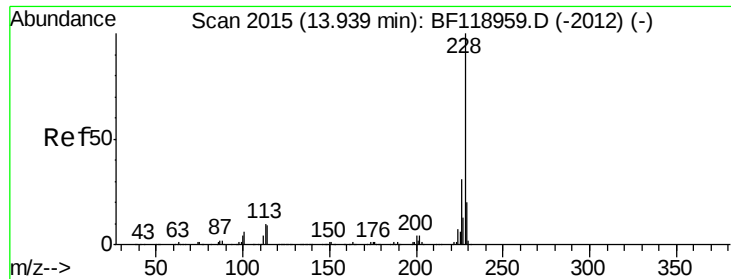
mohammad
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#81
 Benzo(a)anthracene
 Concen: 2.924 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF119204.D
 Acq: 4 Mar 2020 19:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	22.1	16.6	24.8





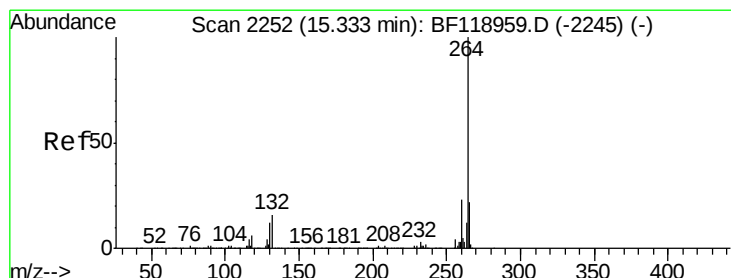
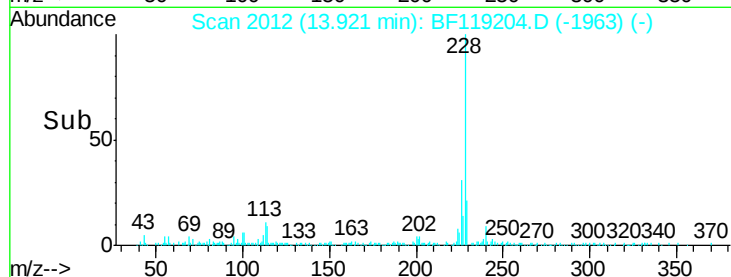
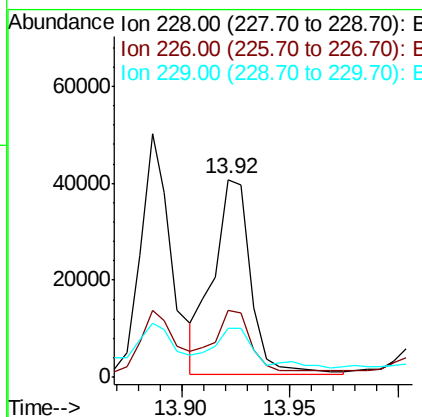
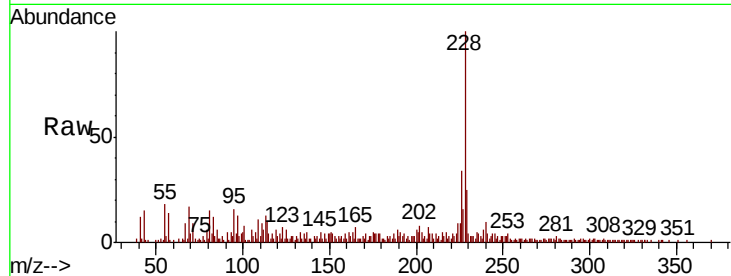
#83
Chrysene
Concen: 2.817 ng/mL
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF119204.D
Acq: 4 Mar 2020 19:52

Instrument :
BNA_F
ClientSampled :
SP-1

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.6	25.1	37.7
229	24.9	16.3	24.5

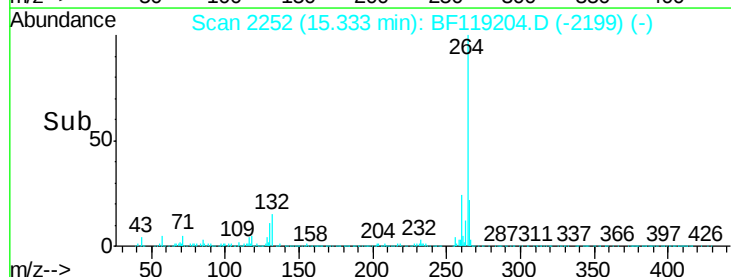
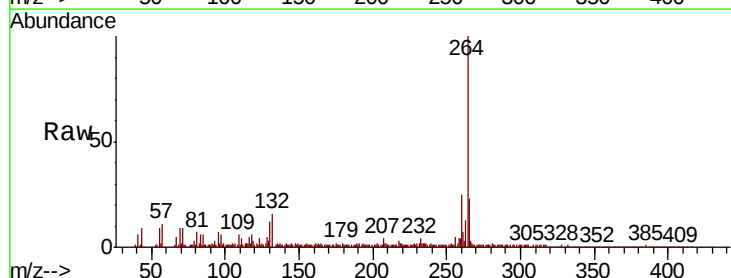
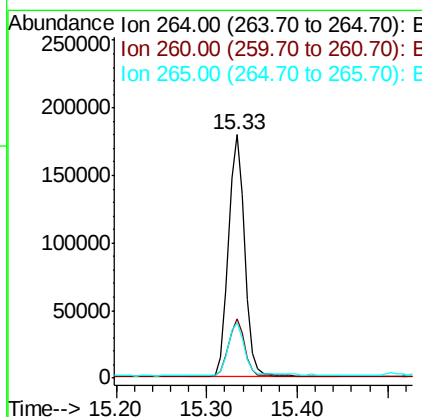
Manual Integrations
APPROVED

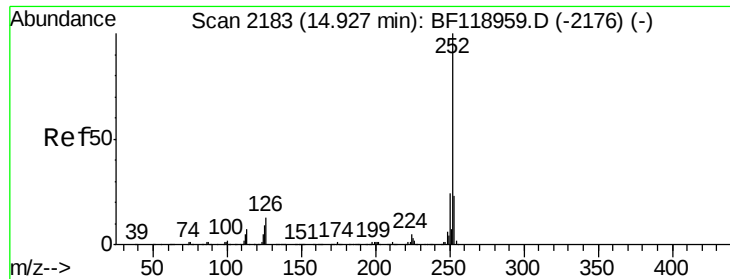
mohammad
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.01 min
Lab File: BF119204.D
Acq: 4 Mar 2020 19:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.2
265	22.8	17.7	26.5





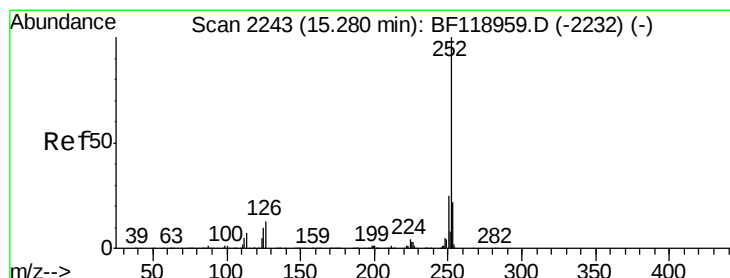
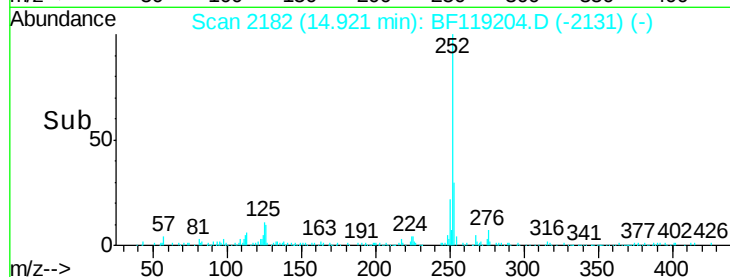
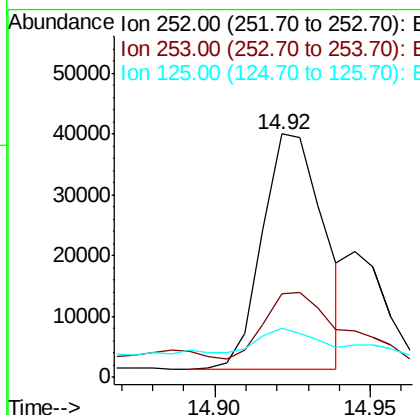
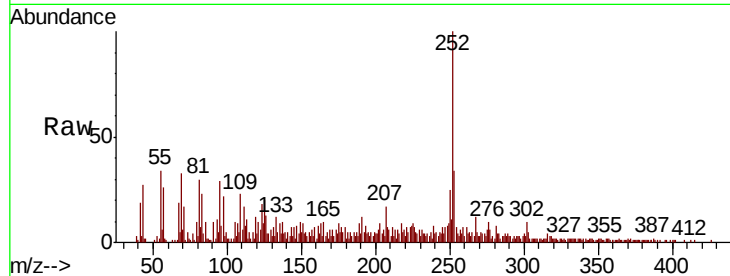
#88
Benzo(b)fluoranthene
Concen: 3.595 ng m
RT: 14.92 min Scan# 2182
Delta R.T. -0.00 min
Lab File: BF119204.D
Acq: 4 Mar 2020 19:52

Instrument :
BNA_F
ClientSampled :
SP-1

Tot Ion	Ratio	Lower	Upper
252	100		
253	34.3	18.1	27.1#
125	20.0	7.4	11.0#

Manual Integrations
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#90
Benzo(a)pyrene
Concen: 2.713 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.01 min
Lab File: BF119204.D
Acq: 4 Mar 2020 19:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.7	18.0	27.0#
125	22.7	8.6	12.8#

