

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062920\
 Data File : BF120741.D
 Acq On : 29 Jun 2020 21:38
 Operator : JU/CG
 Sample : L3128-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 44-08

Manual Integrations
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Quant Time: Jun 30 02:24:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 29 15:30:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	50157	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	462865	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	96045	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	170092	20.00	ng	0.01
76) Chrysene-d12	13.96	240	146580	20.00	ng	0.00
86) Perylene-d12	15.41	264	152915	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	253408	86.62	ng	0.08
7) Phenol-d6	6.51	99	326862	89.70	ng	0.08
23) Nitrobenzene-d5	7.36	82	477848	57.71	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	76776	68.76	ng	0.01
45) 2-Fluorobiphenyl	9.15	172	688852	109.73	ng	0.00
79) Terphenyl-d14	12.91	244	488673	73.64	ng	0.01
Target Compounds						
50) Dimethylphthalate	9.55	163	44342	6.410	ng	98
71) Phenanthrene	11.35	178	46336	5.480	ng	96
75) Fluoranthene	12.54	202	100386	10.384	ng	98
78) Pyrene	12.77	202	89414	8.611	ng	99
81) Benzo(a)anthracene	13.96	228	54535	6.193	ng	99
83) Chrysene	13.99	228	51061	5.653	ng	96
84) Bis(2-ethylhexyl)phthalate	13.94	149	45453	8.077	ng	98
87) Indeno(1,2,3-cd)pyrene	16.83	276	35640	3.832	ng	97
88) Benzo(b)fluoranthene	14.99	252	79202m	8.695	ng	
89) Benzo(k)fluoranthene	15.02	252	20950m	2.599	ng	
90) Benzo(a)pyrene	15.34	252	52822	6.480	ng	97
92) Benzo(a,h,i)perylene	17.27	276	34581	4.600	ng	98

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

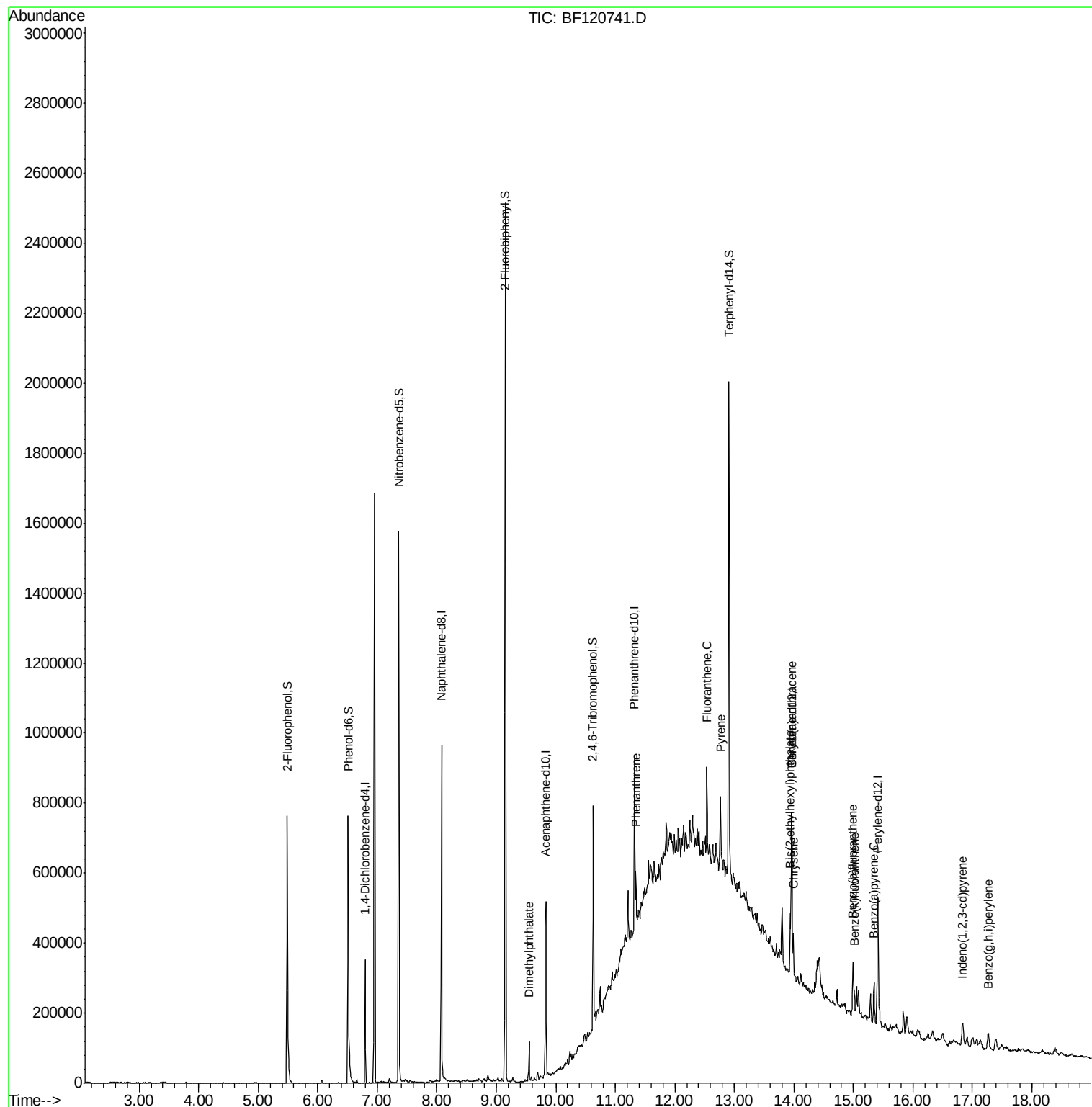
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062920\
Data File : BF120741.D
Acq On : 29 Jun 2020 21:38
Operator : JU/CG
Sample : L3128-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

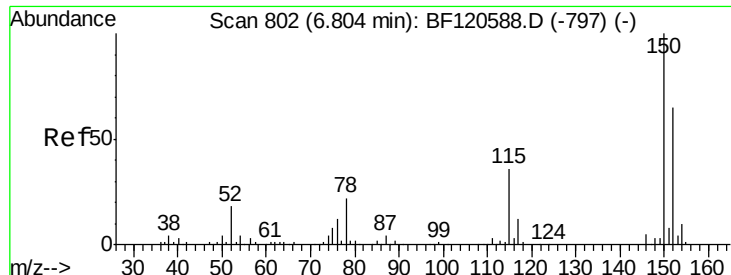
Instrument :
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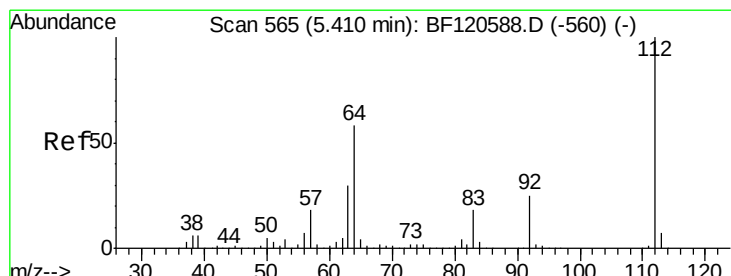
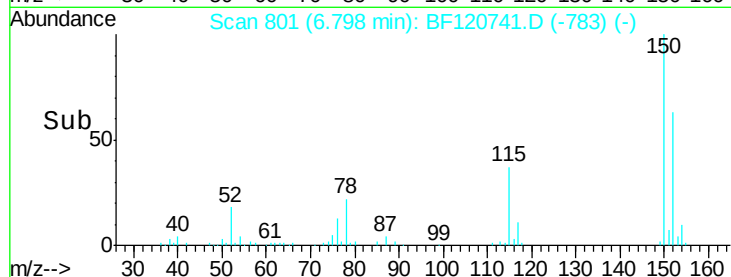
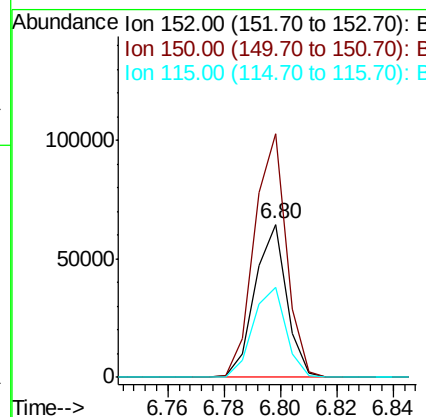
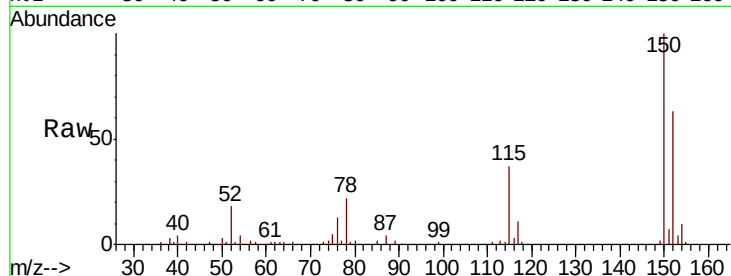
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 801
 Delta R.T. 0.01 min
 Lab File: BF120741.D
 Acq: 29 Jun 2020 21:38

Instrument :
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 ClientSampled :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	124.6	187.0
115	58.7	44.2	66.4

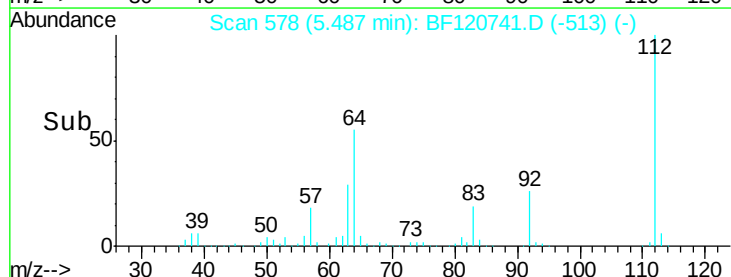
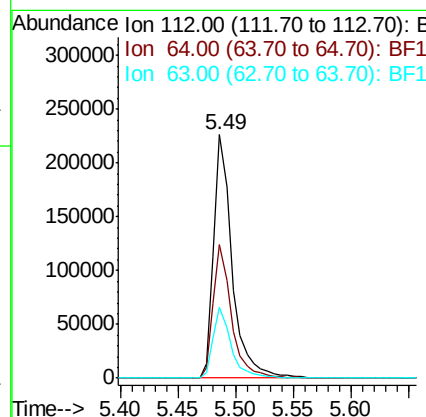
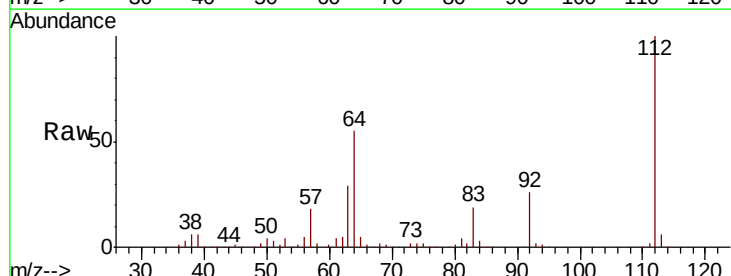
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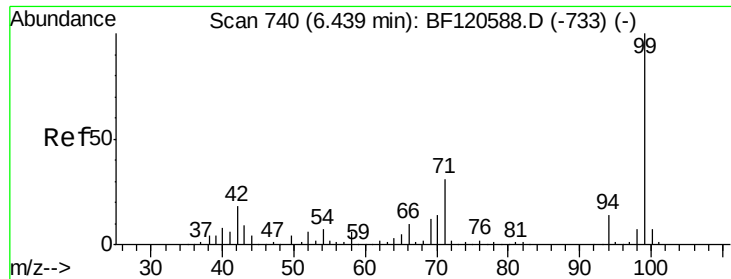
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#5
 2-Fluorophenol
 Concen: 86.619 ng
 RT: 5.49 min Scan# 578
 Delta R.T. 0.08 min
 Lab File: BF120741.D
 Acq: 29 Jun 2020 21:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.9	42.2	63.2
63	29.0	21.7	32.5





#7

Phenol-d6

Concen: 89.705 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.08 min

Lab File: BF120741.D

Acq: 29 Jun 2020 21:38

Instrument :

BNA_F

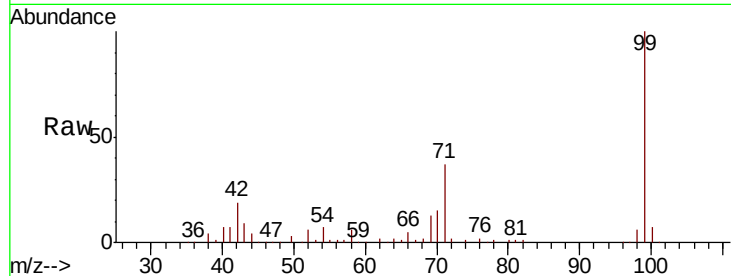
ClientSampleId :

44-08

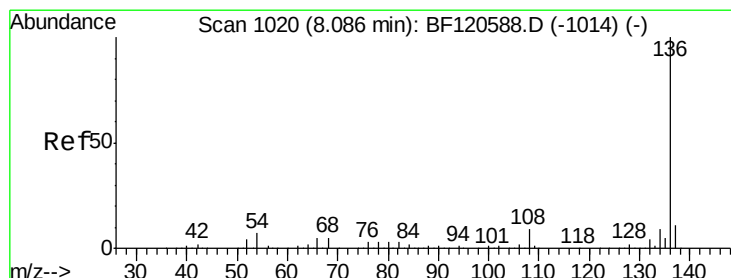
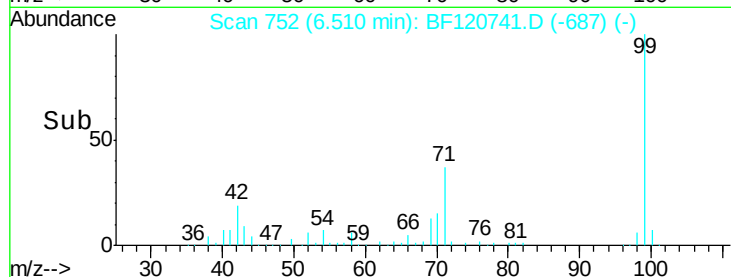
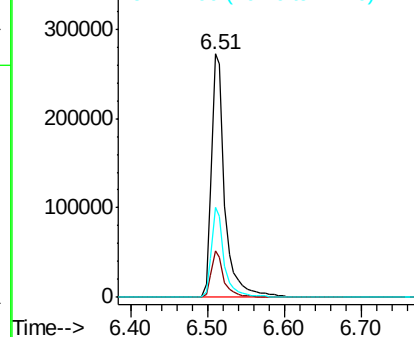
Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		326862		
42	18.9	14.2	21.4		
71	36.9	25.4	38.2		

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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: 8.08 min Scan# 1019

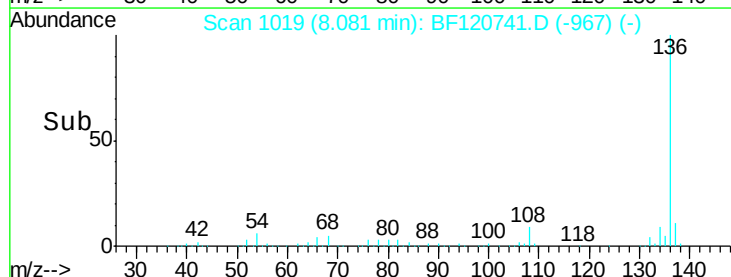
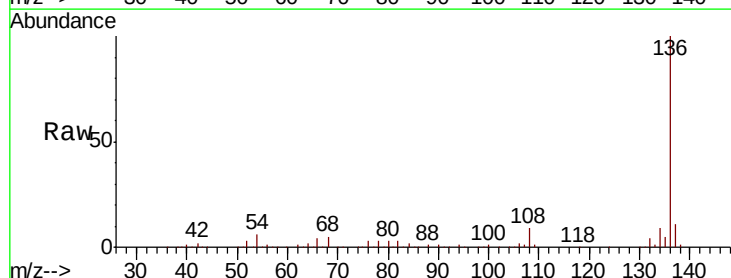
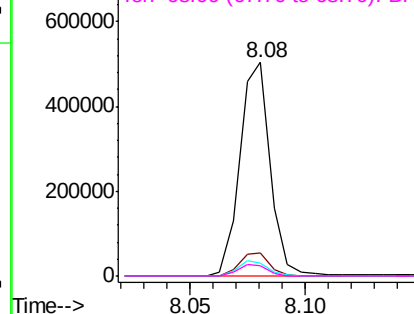
Delta R.T. 0.01 min

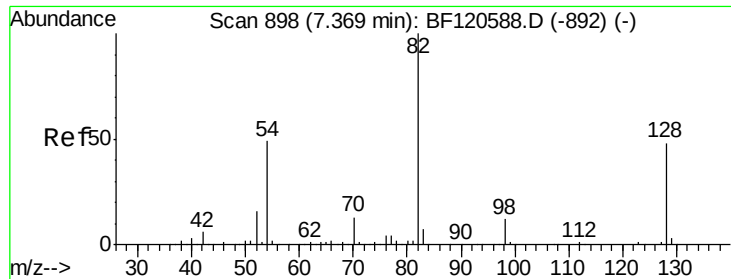
Lab File: BF120741.D

Acq: 29 Jun 2020 21:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		462865		
137	10.5	8.6	12.8		
54	6.3	5.3	7.9		
68	5.1	4.3	6.5		

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





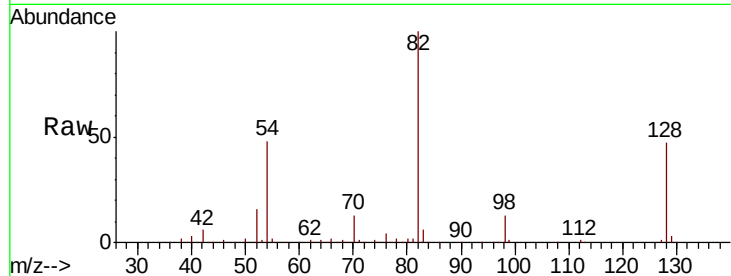
#23
Nitrobenzene-d5
Concen: 57.706 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.01 min
Lab File: BF120741.D
Acq: 29 Jun 2020 21:38

Instrument :
BNA_F
ClientSampled :
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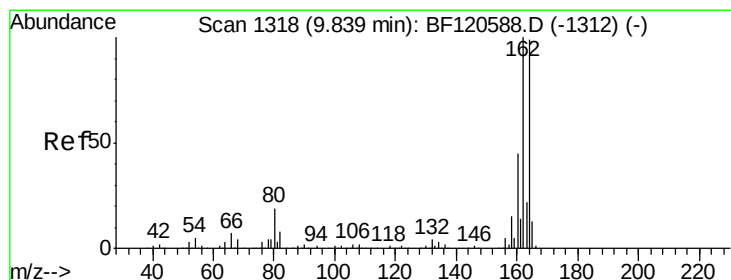
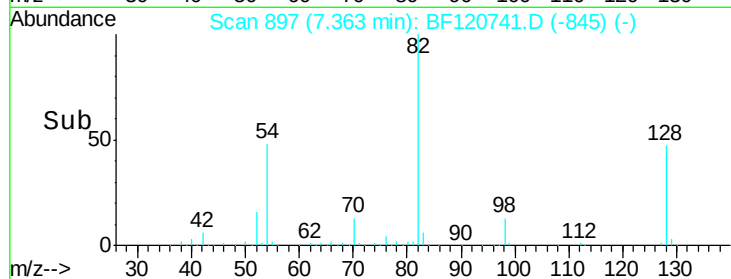
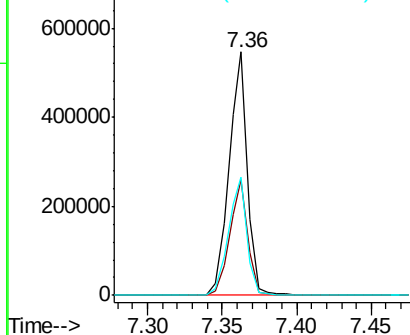
Tot Ion	82	Resp	477848
Ion Ratio	100	Lower	Upper
128	47.3	38.1	57.1
54	48.3	38.8	58.2

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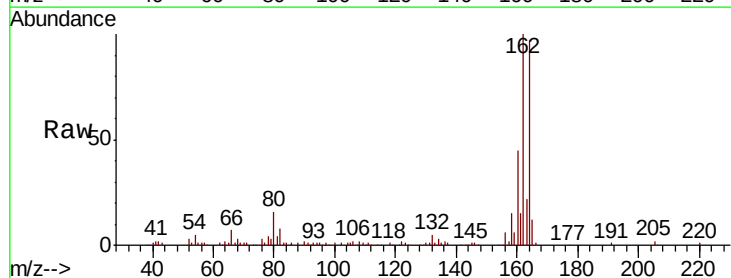


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

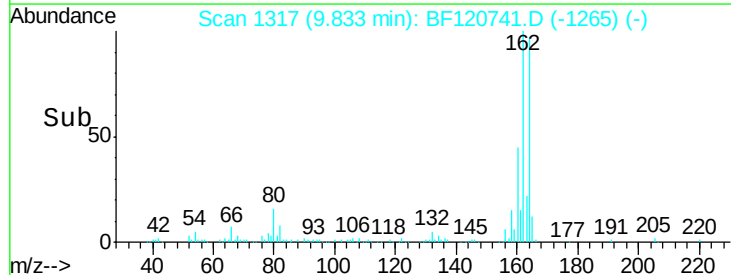
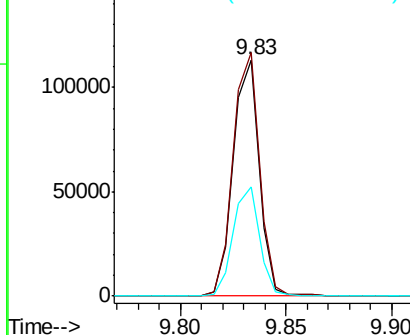


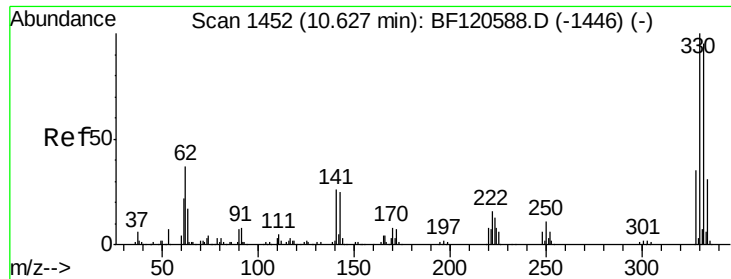
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.01 min
Lab File: BF120741.D
Acq: 29 Jun 2020 21:38

Tgt Ion	164	Resp	96045
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	103.0	81.4	122.0
160	46.0	36.6	55.0



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 68.755 ng

RT: 10.63 min Scan# 1452

Delta R.T. 0.01 min

Lab File: BF120741.D

Acq: 29 Jun 2020 21:38

Instrument :

BNA_F

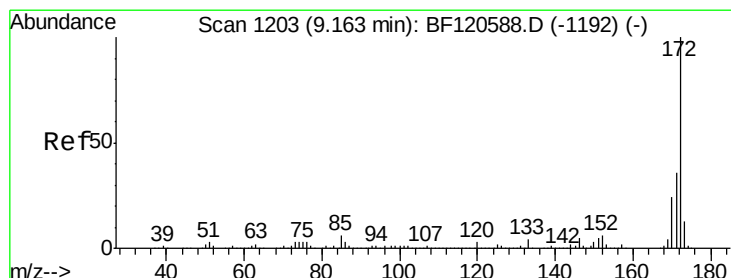
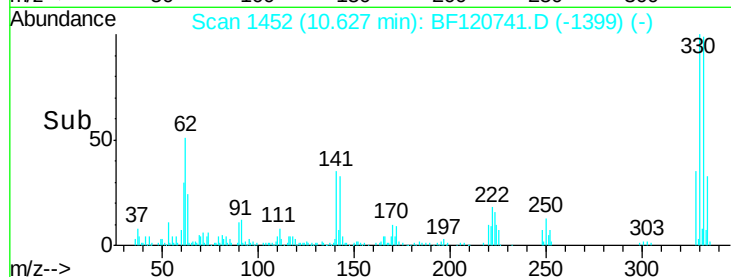
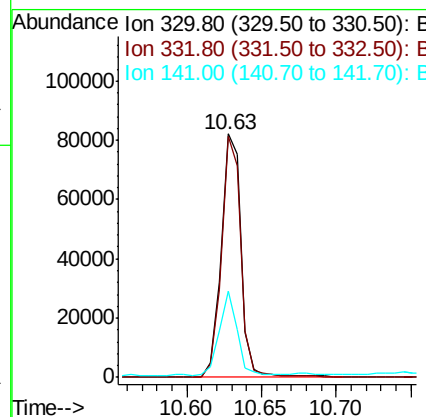
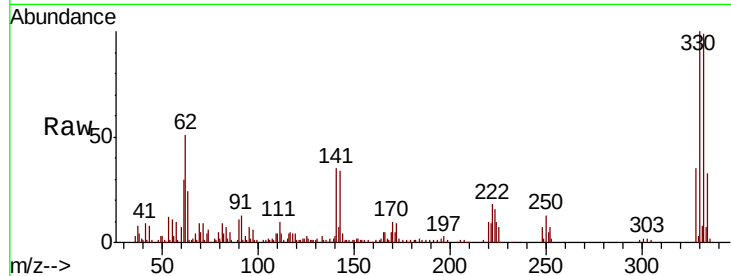
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Tot Ion:	330	Resp:	76776
Ion Ratio	Lower	Upper	
330	100		
332	96.5	76.4	114.6
141	30.7	23.0	34.6

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#45

2-Fluorobiphenyl

Concen: 109.733 ng

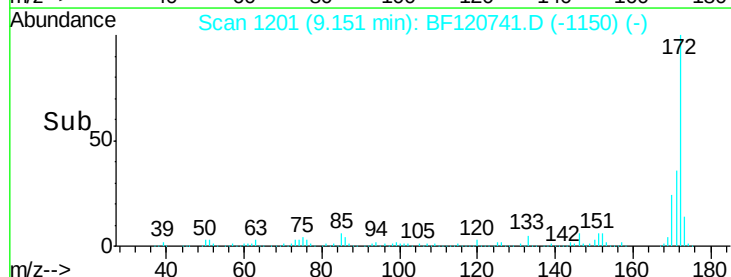
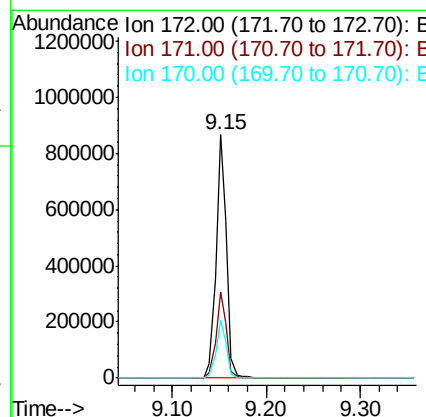
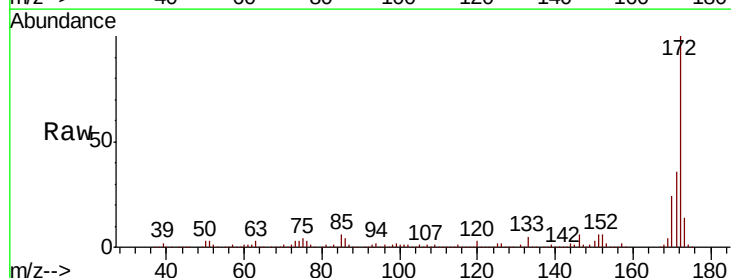
RT: 9.15 min Scan# 1201

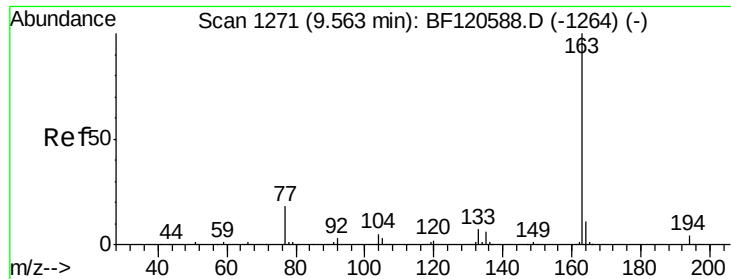
Delta R.T. -0.00 min

Lab File: BF120741.D

Acq: 29 Jun 2020 21:38

Tgt Ion:	172	Resp:	688852
Ion Ratio	Lower	Upper	
172	100		
171	35.6	28.6	43.0
170	23.8	19.1	28.7





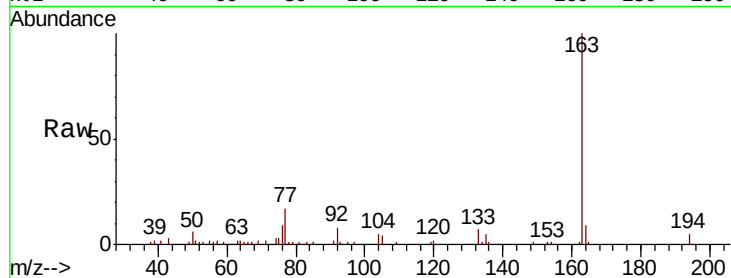
#50
Dimethylphthalate
Concen: 6.410 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BF120741.D
Acq: 29 Jun 2020 21:38

Instrument :
BNA_F
ClientSampleId :
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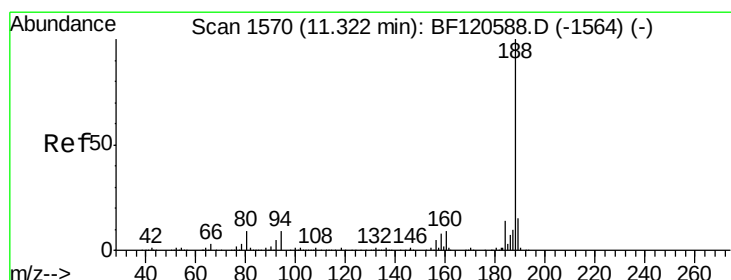
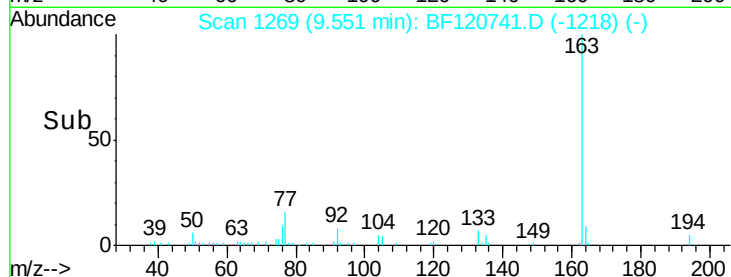
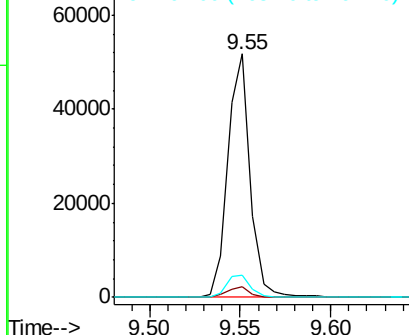
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.0	4.6
164	9.3	8.2	12.2

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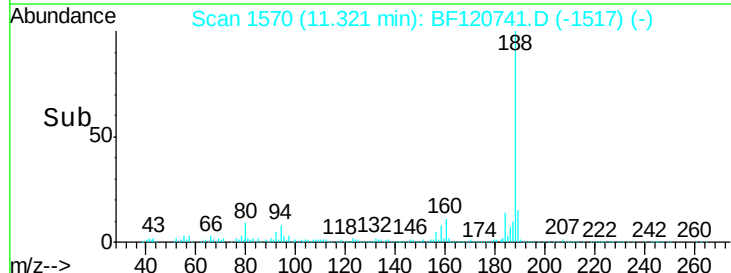
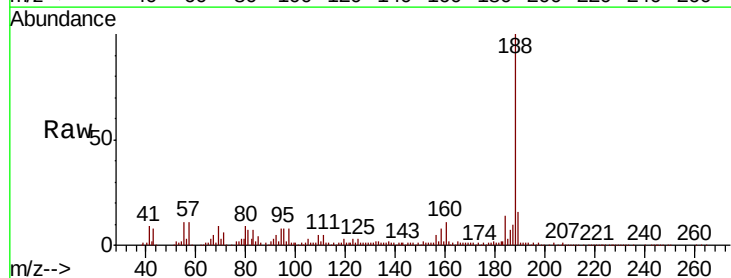
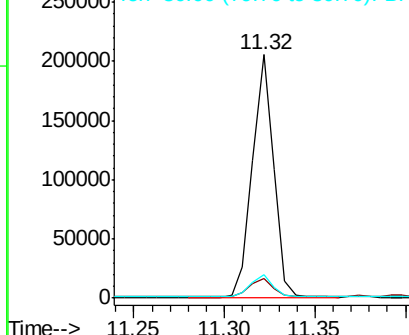
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

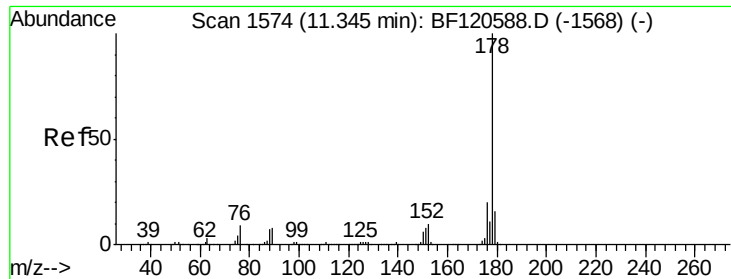


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.01 min
Lab File: BF120741.D
Acq: 29 Jun 2020 21:38

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.5	11.3
80	9.4	7.7	11.5

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





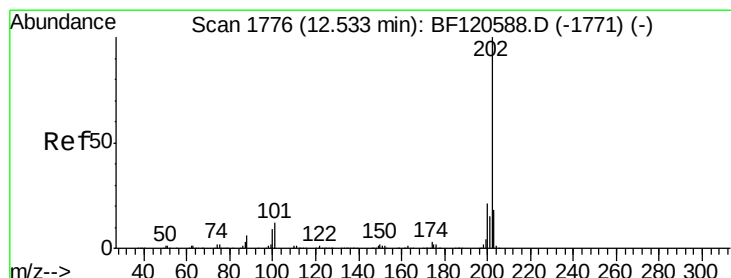
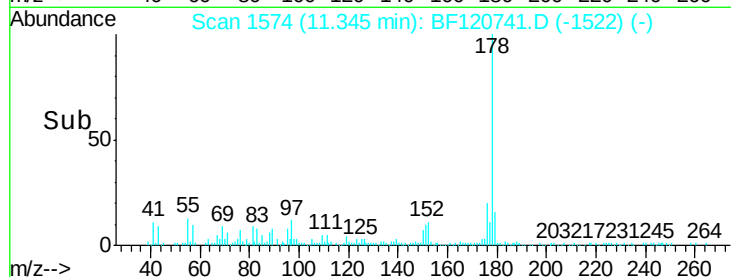
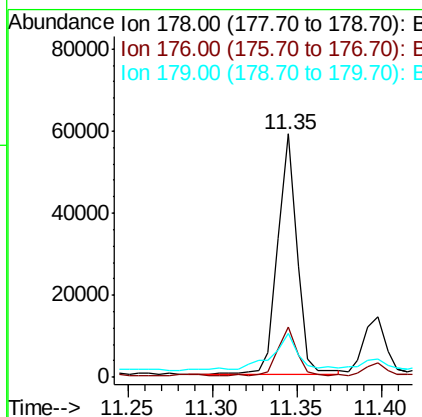
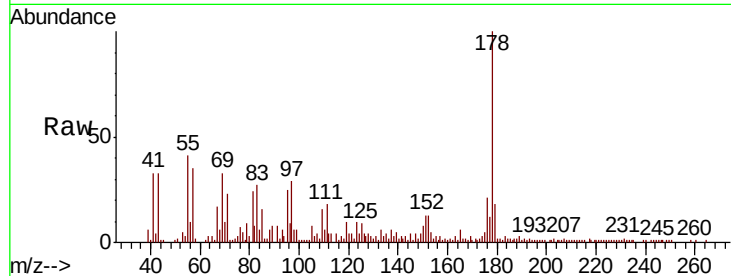
#71
Phenanthrene
Concen: 5.480 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.01 min
Lab File: BF120741.D
Acq: 29 Jun 2020 21:38

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
178	100		
176	20.6	15.8	23.6
179	18.1	12.3	18.5

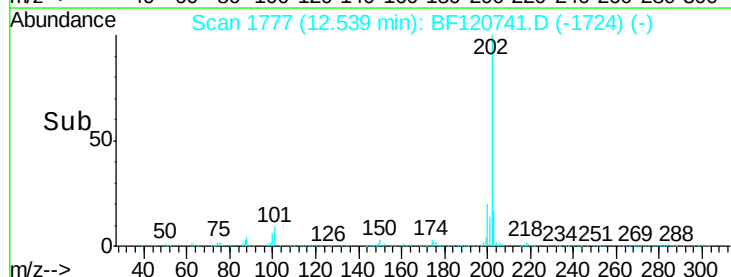
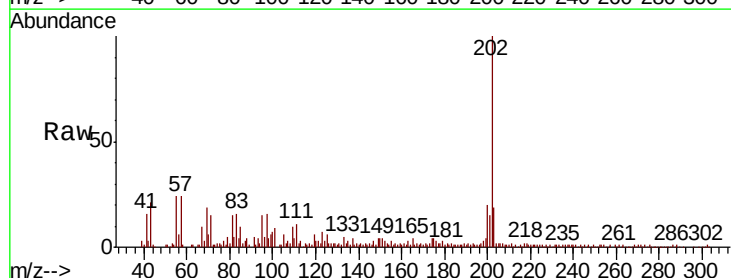
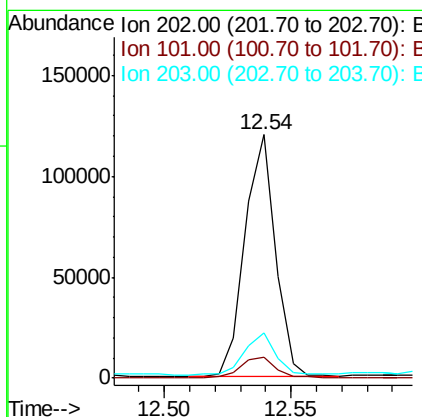
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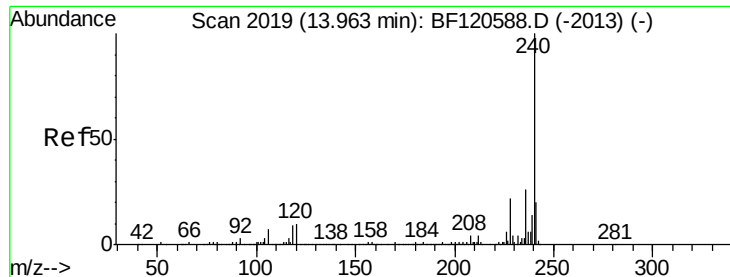
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#75
Fluoranthene
Concen: 10.384 ng
RT: 12.54 min Scan# 1777
Delta R.T. 0.01 min
Lab File: BF120741.D
Acq: 29 Jun 2020 21:38

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	29.8
203	18.6	0.0	37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.01 min

Lab File: BF120741.D

Acq: 29 Jun 2020 21:38

Instrument :

BNA_F

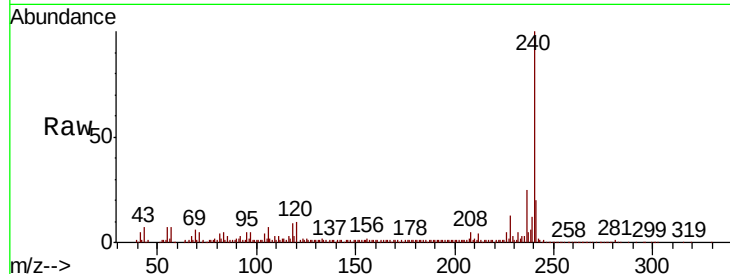
ClientSampleId :

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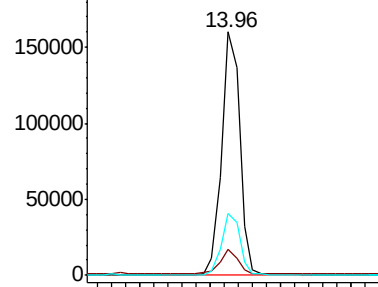
Tot Ion:	240	Resp:	146580
Ion Ratio	Lower	Upper	
240	100		
120	10.5	7.6	11.4
236	25.5	21.0	31.4

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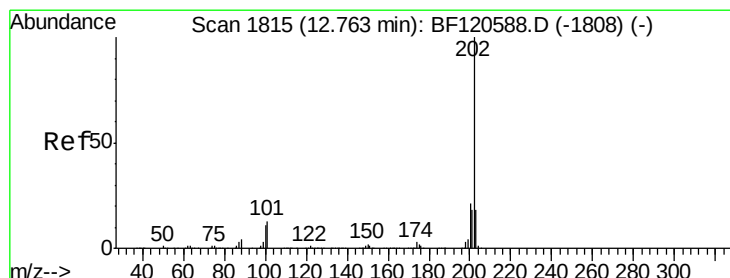
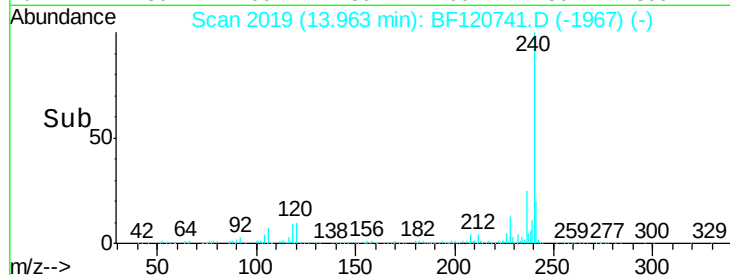
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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Pyrene

Concen: 8.611 ng

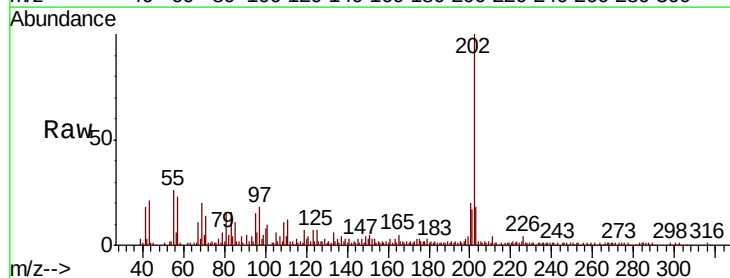
RT: 12.77 min Scan# 1816

Delta R.T. 0.01 min

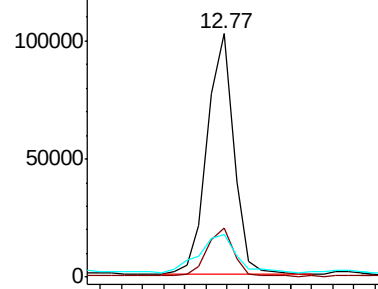
Lab File: BF120741.D

Acq: 29 Jun 2020 21:38

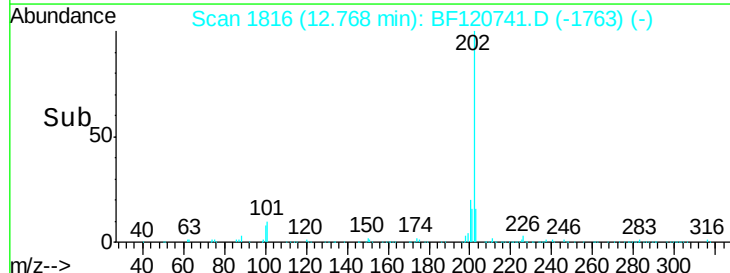
Tgt Ion:	202	Resp:	89414
Ion Ratio	Lower	Upper	
202	100		
200	20.1	16.6	25.0
203	17.5	14.2	21.2

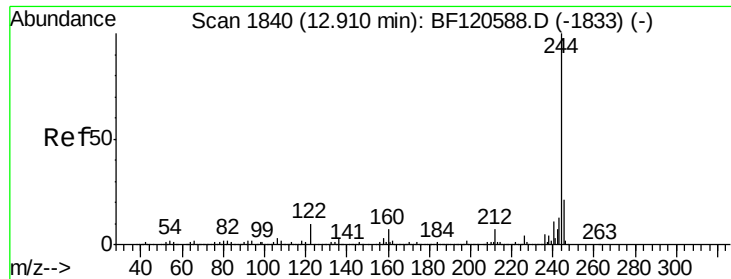


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->





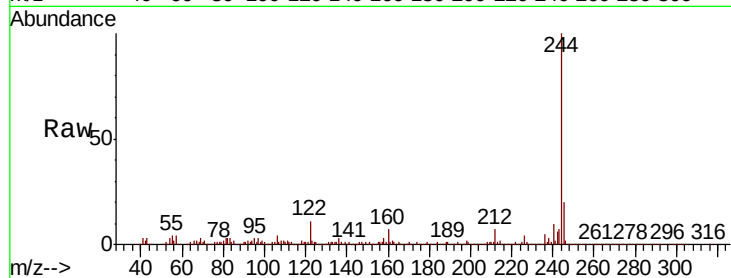
#79
 Terphenyl-d14
 Concen: 73.640 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.01 min
 Lab File: BF120741.D
 Acq: 29 Jun 2020 21:38

Instrument :
 BNA_F
 ClientSampled :
 44-08

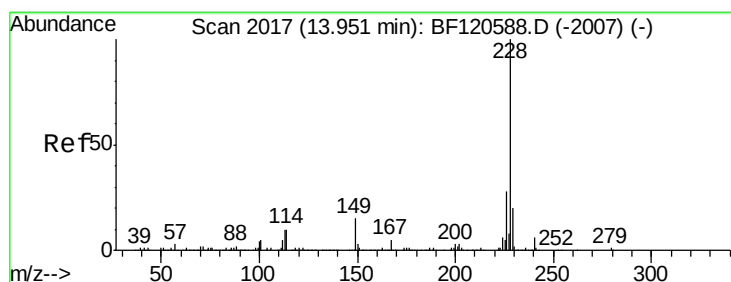
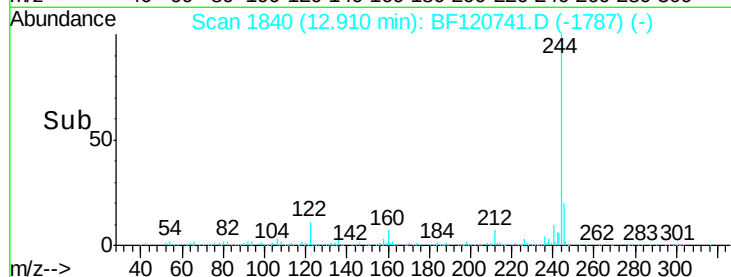
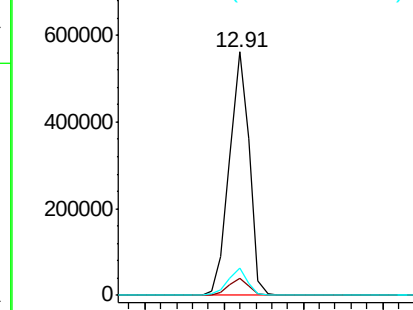
Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	11.0	8.8	13.2

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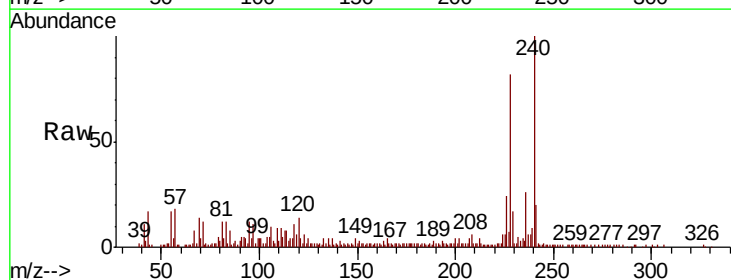


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

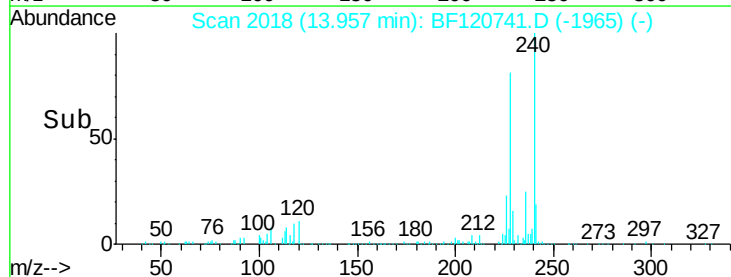
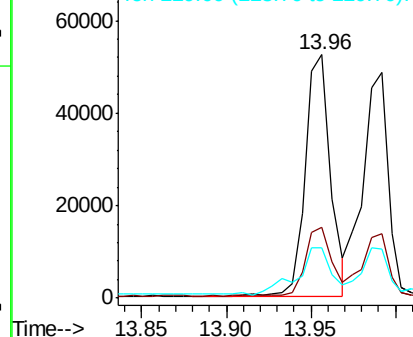


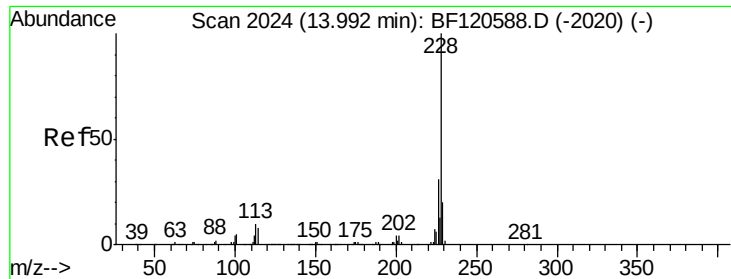
#81
 Benzo(a)anthracene
 Concen: 6.193 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. 0.01 min
 Lab File: BF120741.D
 Acq: 29 Jun 2020 21:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.6	33.8
229	20.7	16.3	24.5



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





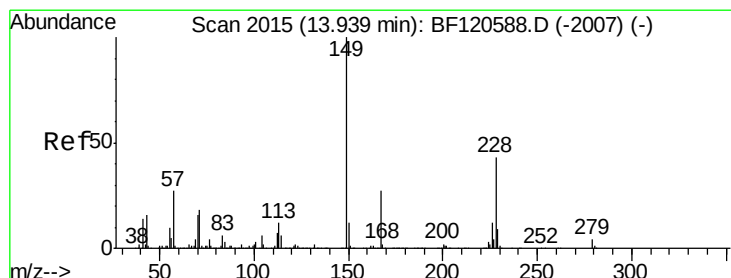
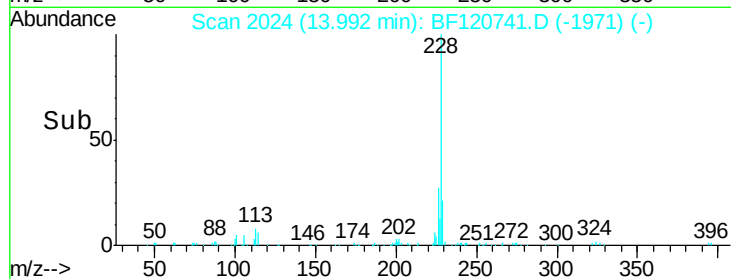
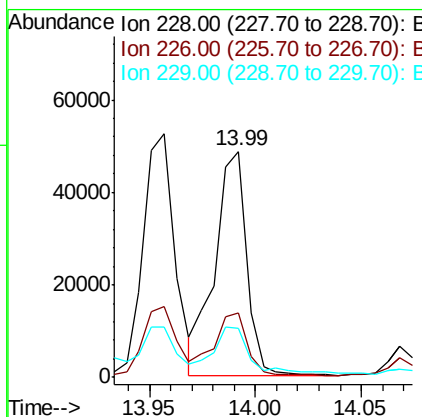
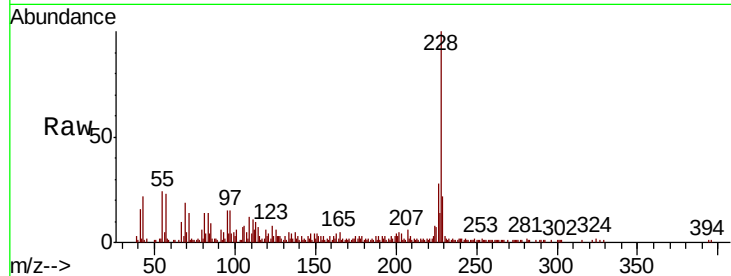
#83
Chrysene
Concen: 5.653 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.01 min
Lab File: BF120741.D
Acq: 29 Jun 2020 21:38

Instrument :
BNA_F
ClientSampleId :
44-08

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.4	25.0	37.6
229	21.6	16.1	24.1

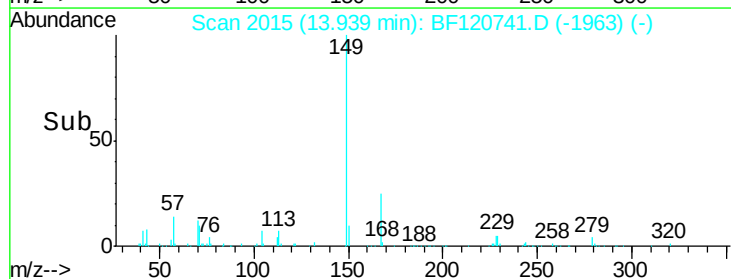
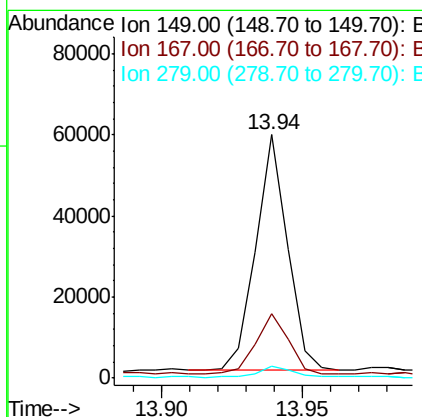
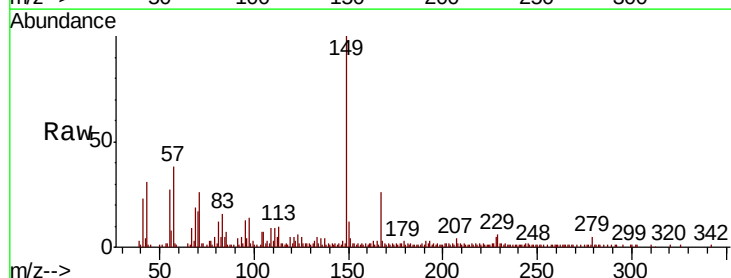
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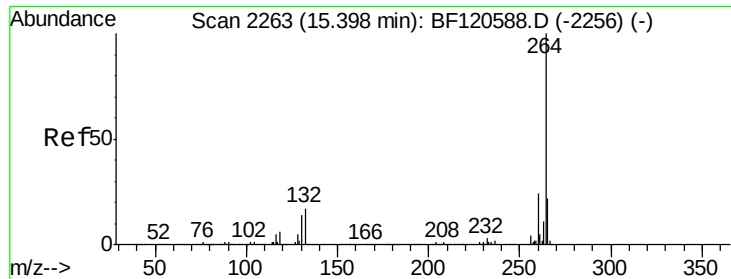
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#84
Bis(2-ethylhexyl)phthalate
Concen: 8.077 ng
RT: 13.94 min Scan# 2015
Delta R.T. 0.01 min
Lab File: BF120741.D
Acq: 29 Jun 2020 21:38

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.9	32.9
279	4.7	3.6	5.4





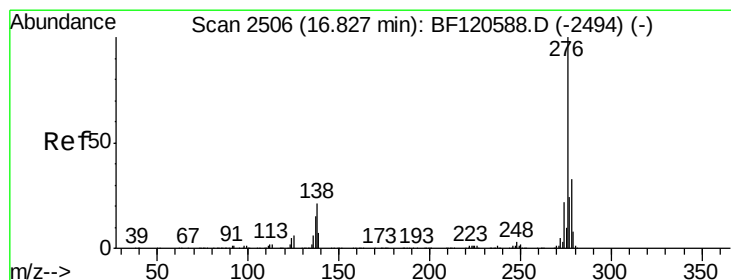
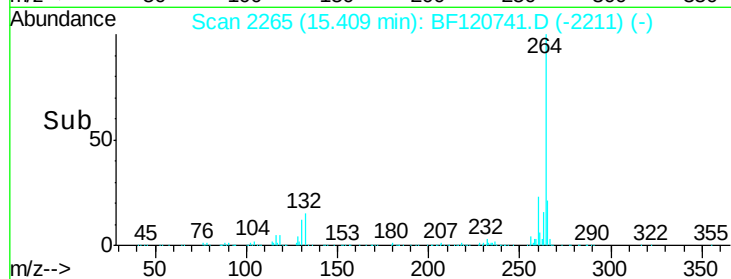
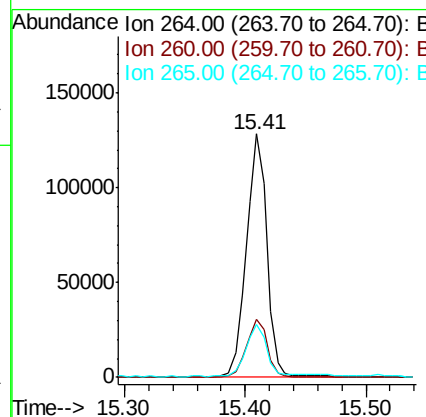
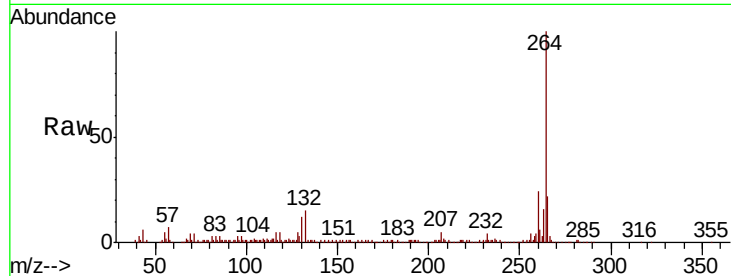
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. 0.02 min
Lab File: BF120741.D
Acq: 29 Jun 2020 21:38

Instrument :
BNA_F
ClientSampleId :
44-08

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.2
265	21.7	17.4	26.0

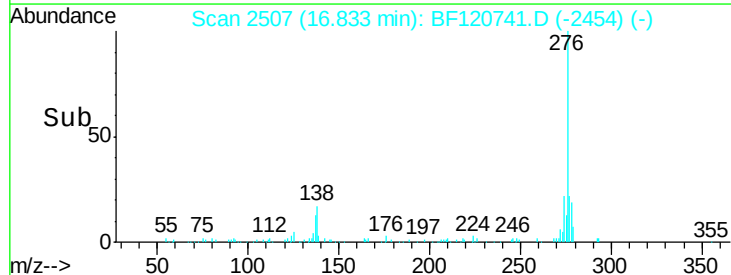
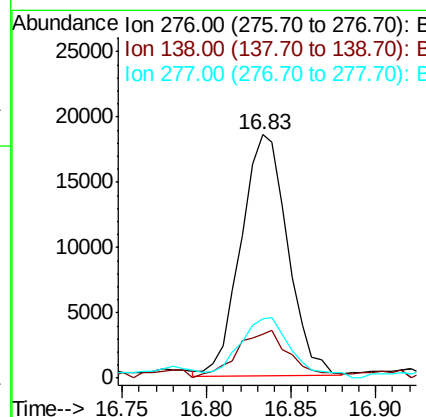
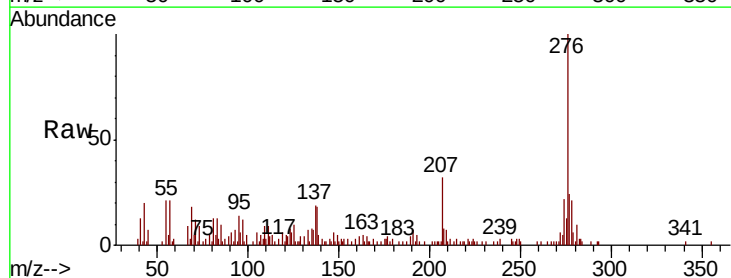
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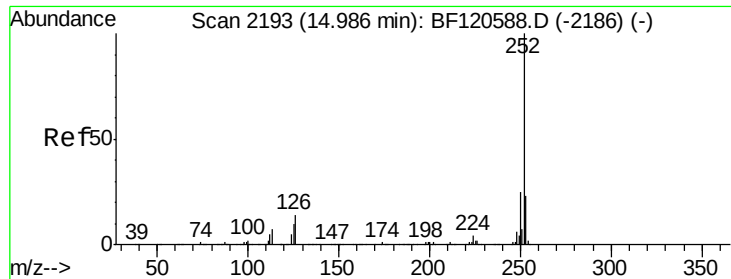
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#87
Indeno(1,2,3-cd)pyrene
Concen: 3.832 ng
RT: 16.83 min Scan# 2507
Delta R.T. 0.01 min
Lab File: BF120741.D
Acq: 29 Jun 2020 21:38

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.0	18.4	27.6
277	27.8	19.8	29.8





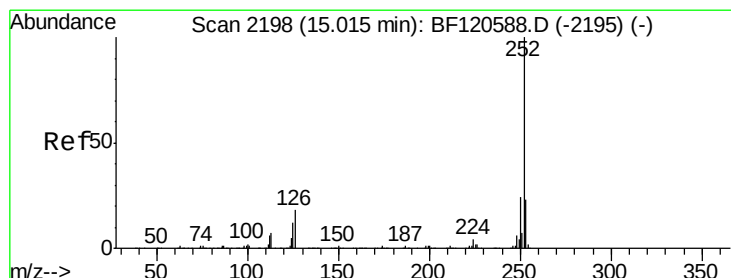
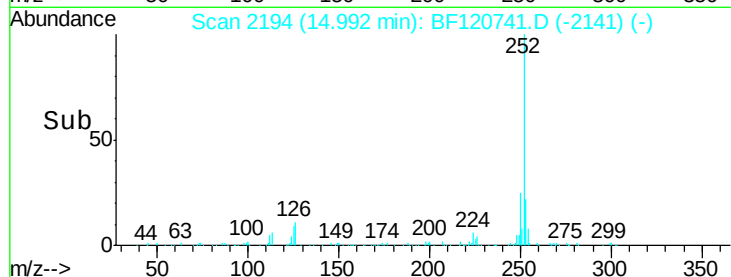
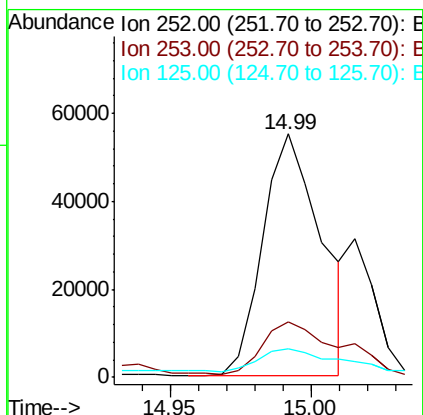
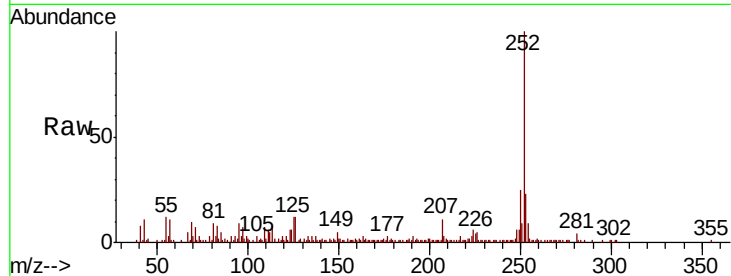
#88
Benzo(b)fluoranthene
Concen: 8.695 ng m
RT: 14.99 min Scan# 2194
Delta R.T. 0.01 min
Lab File: BF120741.D
Acq: 29 Jun 2020 21:38

Instrument :
BNA_F
ClientSampleId :
44-08

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	11.8	7.9	11.9

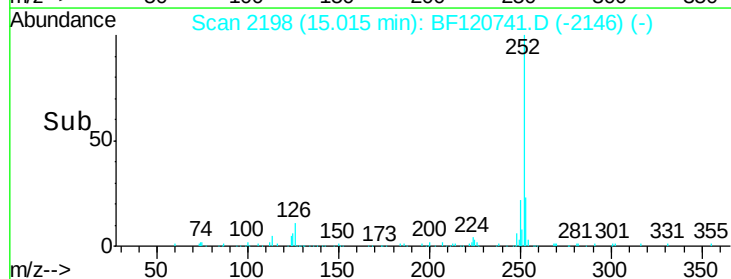
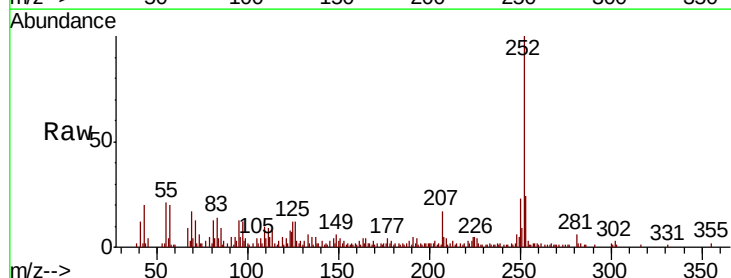
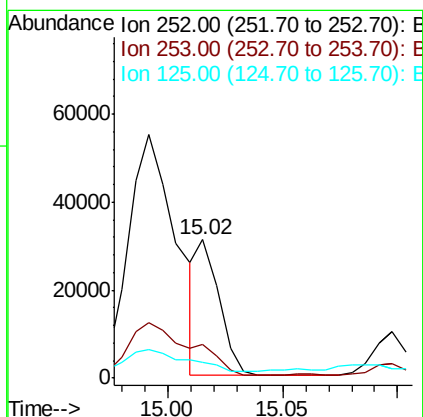
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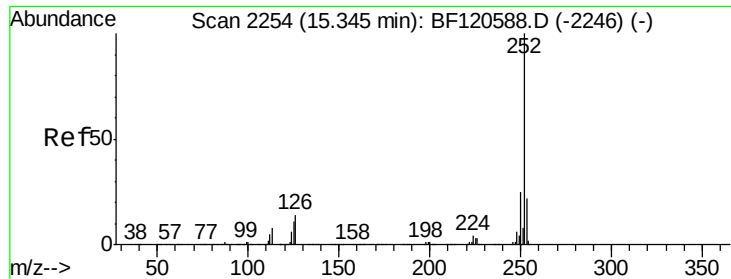
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#89
Benzo(k)fluoranthene
Concen: 2.599 ng m
RT: 15.02 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF120741.D
Acq: 29 Jun 2020 21:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.4	26.2
125	11.8	7.4	11.2





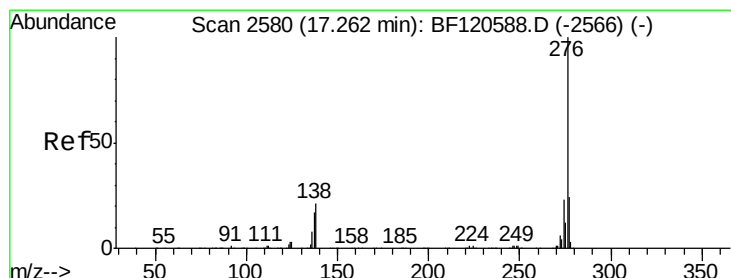
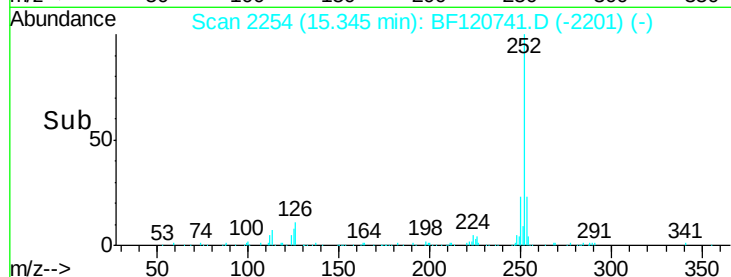
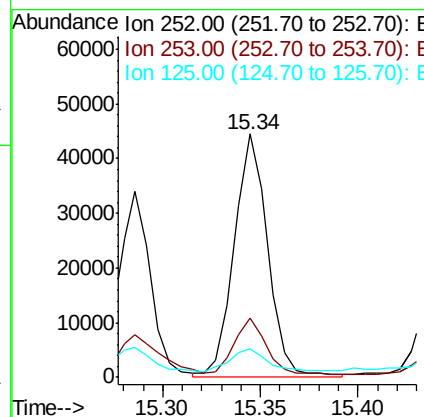
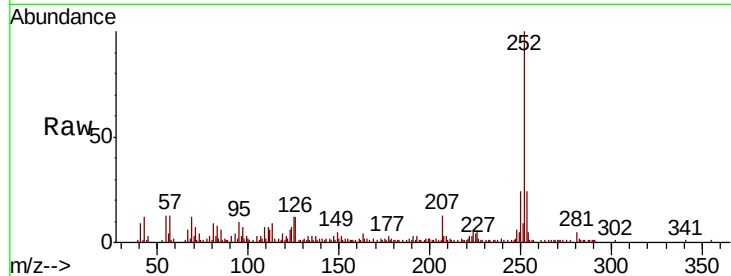
#90
Benzo(a)pyrene
Concen: 6.480 ng
RT: 15.34 min Scan# 2254
Delta R.T. 0.01 min
Lab File: BF120741.D
Acq: 29 Jun 2020 21:38

Instrument :
BNA_F
ClientSampled :
44-08

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.9	26.9
125	11.5	9.0	13.6

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 4.600 ng
RT: 17.27 min Scan# 2581
Delta R.T. 0.02 min
Lab File: BF120741.D
Acq: 29 Jun 2020 21:38

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.3	27.5
138	20.9	16.6	24.8

