

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061720\
 Data File : BF120639.D
 Acq On : 17 Jun 2020 18:22
 Operator : JU/CG
 Sample : L3024-22
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-11

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Quant Time: Jun 17 18:57:19 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 11 11:28:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	146565	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	551091	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	282424	20.00	ng	-0.01
64) Phenanthrene-d10	11.31	188	546078	20.00	ng	-0.01
76) Chrysene-d12	13.95	240	494978	20.00	ng	-0.01
86) Perylene-d12	15.39	264	536384	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	812986	95.10	ng	0.00
7) Phenol-d6	6.43	99	996215	93.56	ng	-0.01
23) Nitrobenzene-d5	7.36	82	628162	63.71	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	317344	96.65	ng	-0.01
45) 2-Fluorobiphenyl	9.15	172	1229742	66.62	ng	-0.01
79) Terphenyl-d14	12.90	244	1502381	67.05	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.55	163	137610	6.765	ng	99
75) Fluoranthene	12.52	202	105137	3.388	ng	97
78) Pyrene	12.75	202	116845	3.332	ng	98
81) Benzo(a)anthracene	13.94	228	63710	2.142	ng	94
83) Chrysene	13.97	228	76185	2.498	ng	99
88) Benzo(b)fluoranthene	14.97	252	138966m	4.349	ng	
90) Benzo(a)pyrene	15.32	252	77973	2.727	ng	# 97
92) Benzo(g,h,i)perylene	17.22	276	58096	2.203	ng	# 94

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

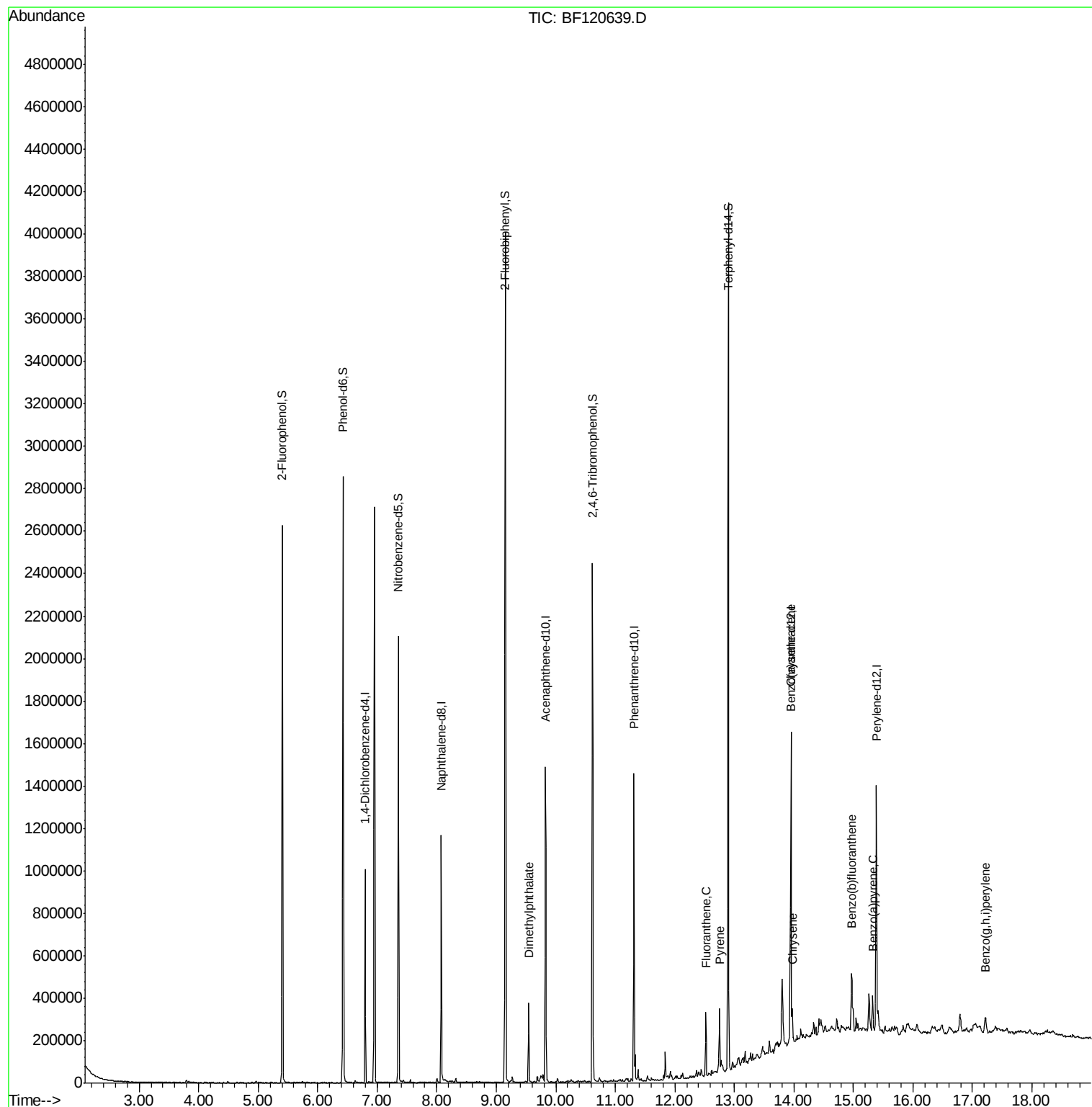
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061720\
Data File : BF120639.D
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Operator : JU/CG
Sample : L3024-22
Misc :
ALS Vial : 9 Sample Multiplier: 1

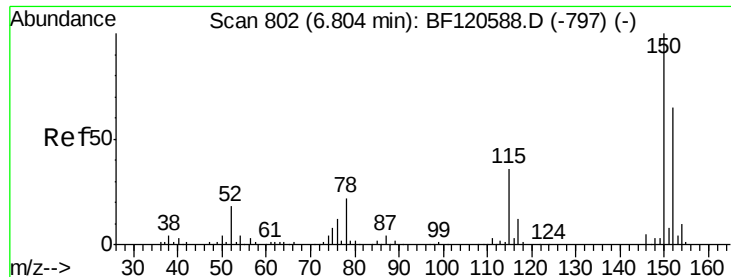
Instrument :
BNA_F
ClientSampleId :
RO-11

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Quant Time: Jun 17 18:57:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 11 11:28:22 2020
Response via : Initial Calibration





#1

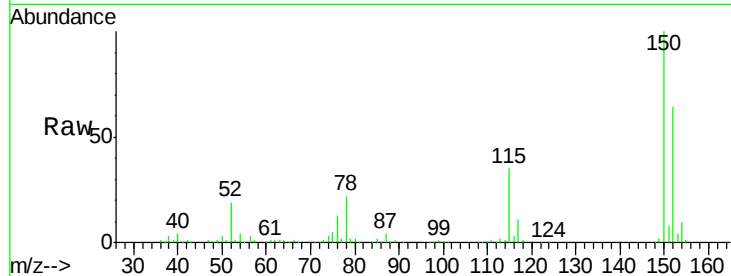
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF120639.D
Acq: 17 Jun 2020 18:22

Instrument :
BNA_F
ClientSampleId :
RO-11

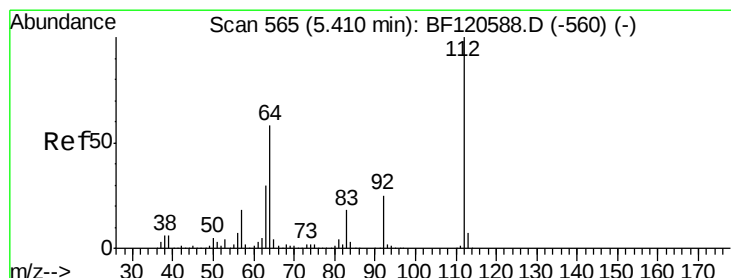
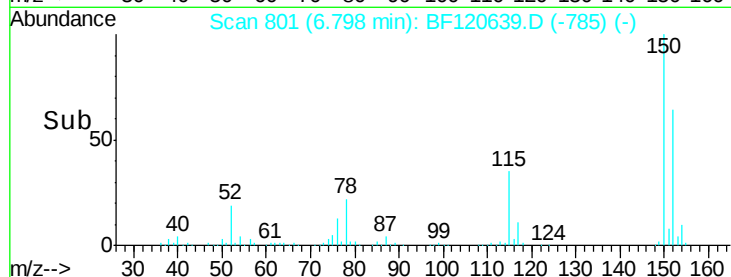
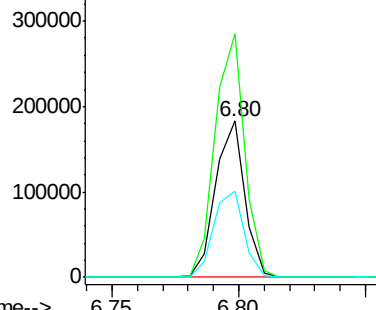
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	123.2	184.8
115	55.3	43.9	65.9

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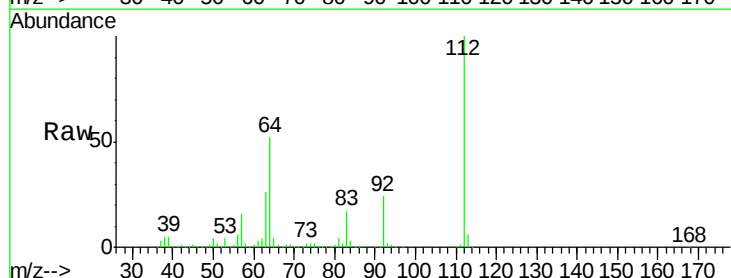
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



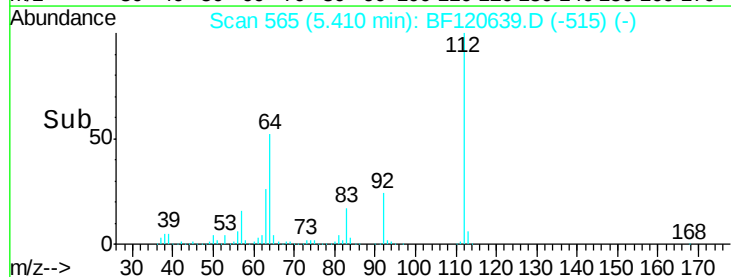
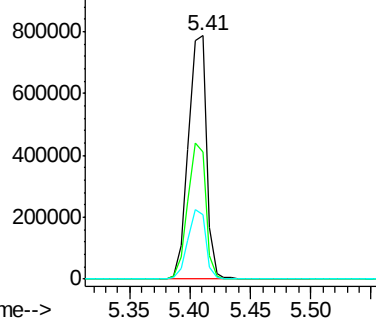
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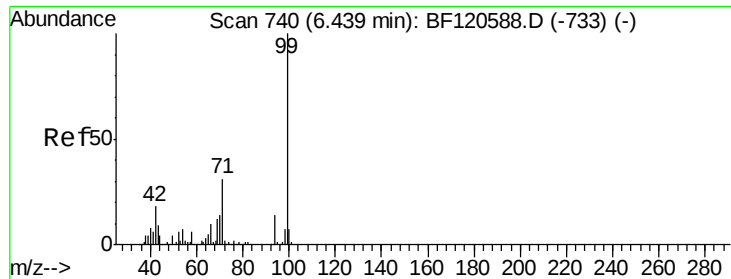
2-Fluorophenol
Concen: 95.100 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF120639.D
Acq: 17 Jun 2020 18:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.3	46.1	69.1
63	26.5	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 93.563 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF120639.D

Acq: 17 Jun 2020 18:22

Instrument :

BNA_F

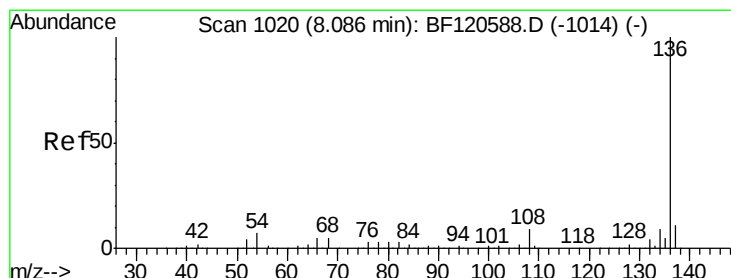
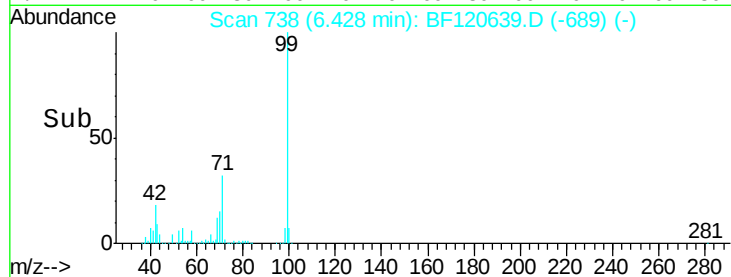
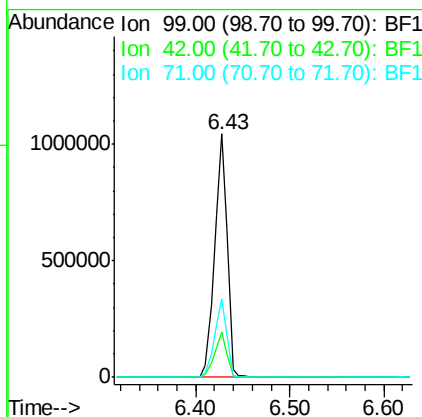
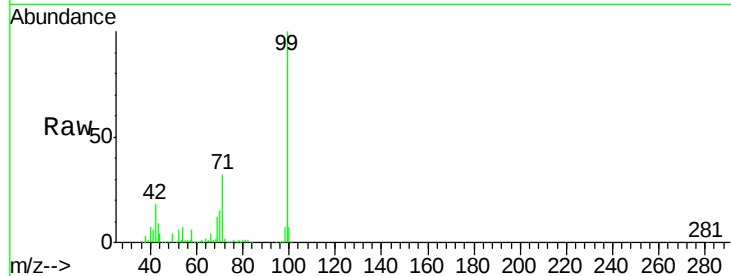
ClientSampled :

RO-11

Tot Ion:	99	Resp:	996215
Ion Ratio	Lower	Upper	
99	100		
42	18.5	14.0	21.0
71	32.2	24.9	37.3

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#21

Naphthalene-d8

Concen: 20.000 ng

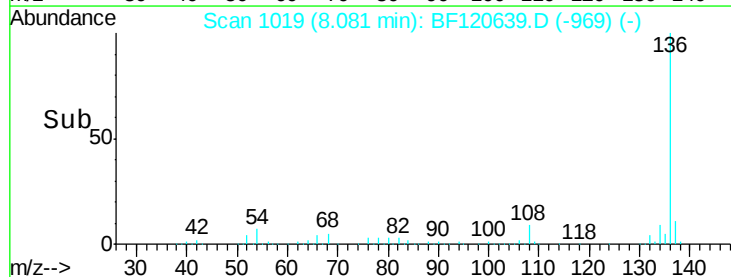
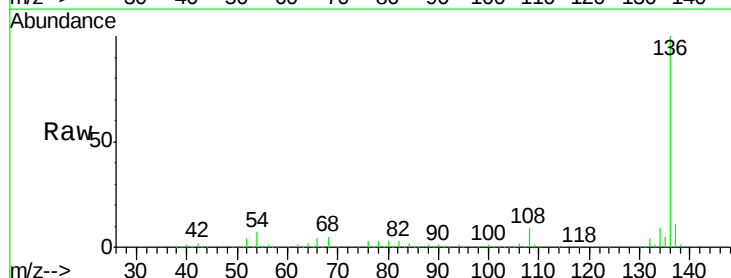
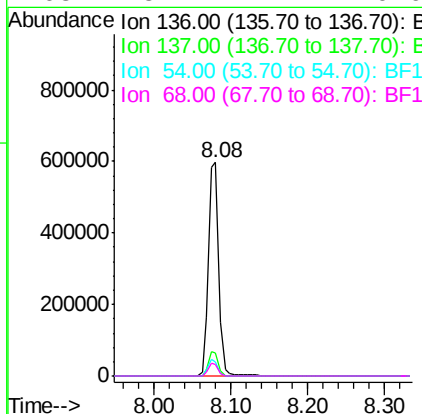
RT: 8.08 min Scan# 1019

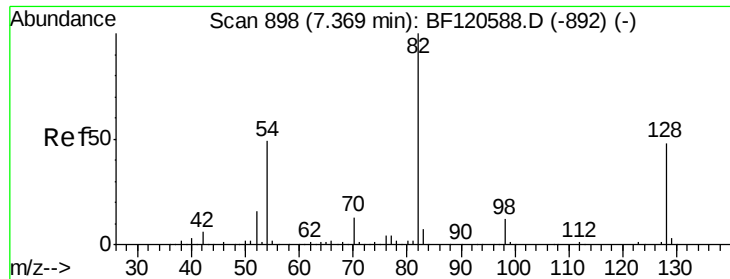
Delta R.T. -0.01 min

Lab File: BF120639.D

Acq: 17 Jun 2020 18:22

Tgt Ion:	136	Resp:	551091
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.6	13.0
54	6.6	5.8	8.6
68	5.4	4.4	6.6





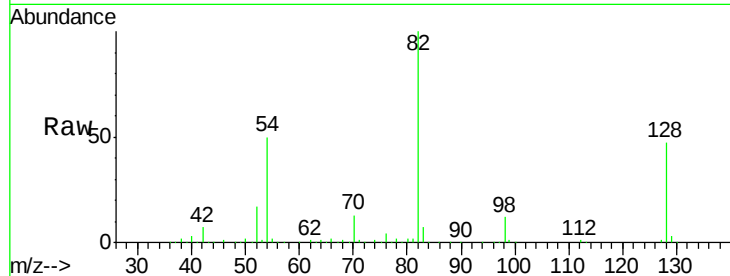
#23
 Nitrobenzene-d5
 Concen: 63.714 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF120639.D
 Acq: 17 Jun 2020 18:22

Instrument :
 BNA_F
 ClientSampled :
 RO-11

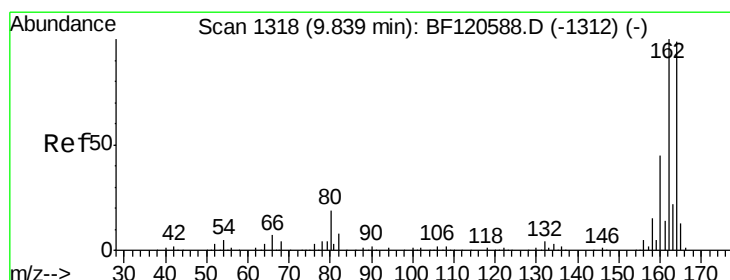
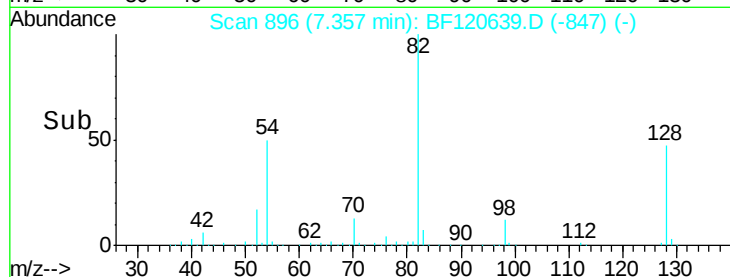
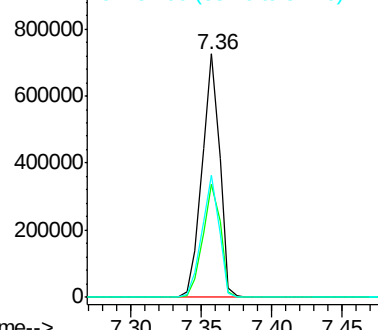
Tot Ion	Ratio	Lower	Upper
82	100		
128	46.6	38.0	57.0
54	49.9	38.8	58.2

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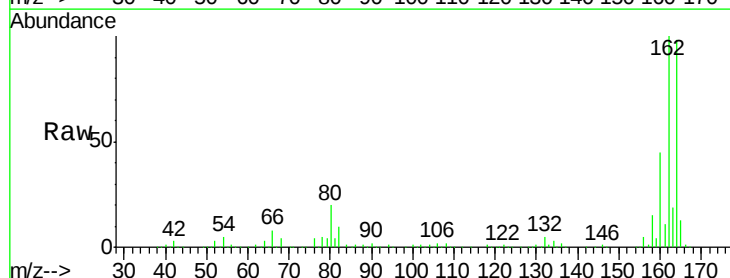


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

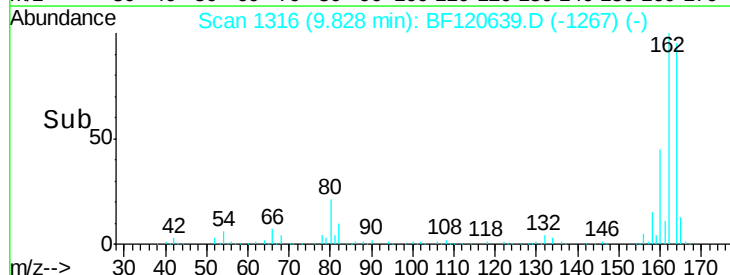
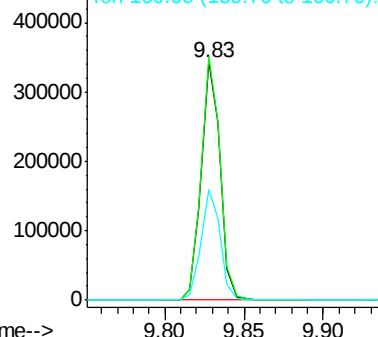


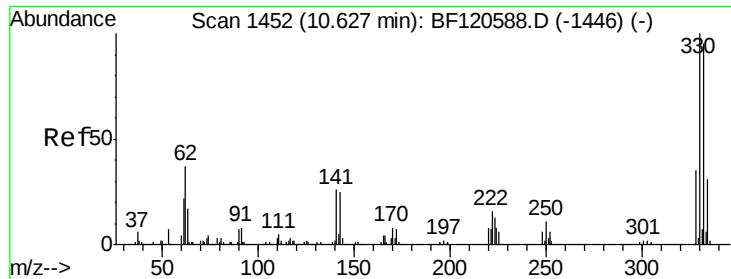
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF120639.D
 Acq: 17 Jun 2020 18:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	80.6	120.8
160	46.3	36.2	54.2



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





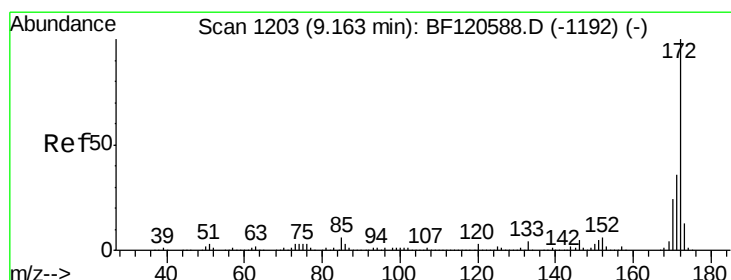
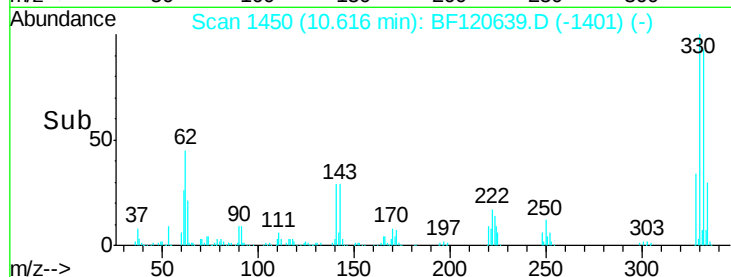
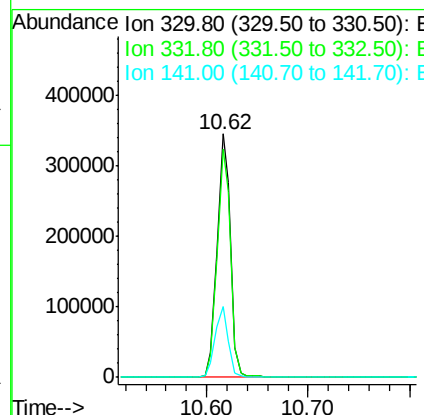
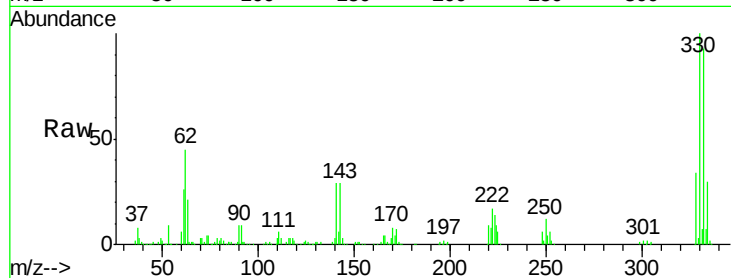
#42
 2,4,6-Tribromophenol
 Concen: 96.646 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF120639.D
 Acq: 17 Jun 2020 18:22

Instrument :
 BNA_F
 ClientSampleId :
 RO-11

Tot Ion	Ratio	Resp	Lower	Upper
330	100	317344		
332	94.4	76.8	115.2	
141	28.5	23.2	34.8	

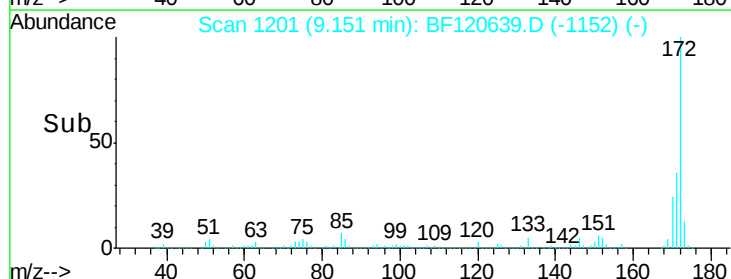
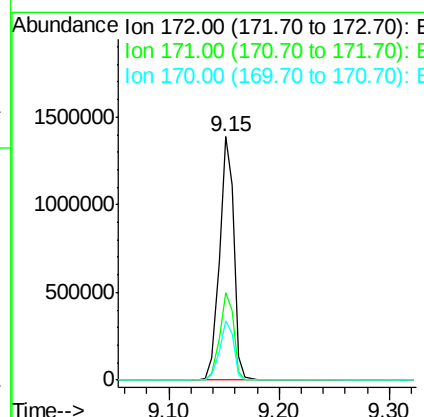
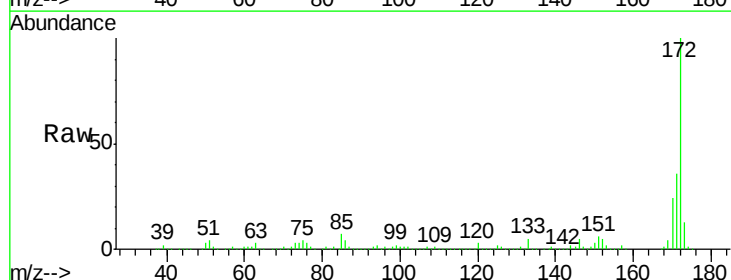
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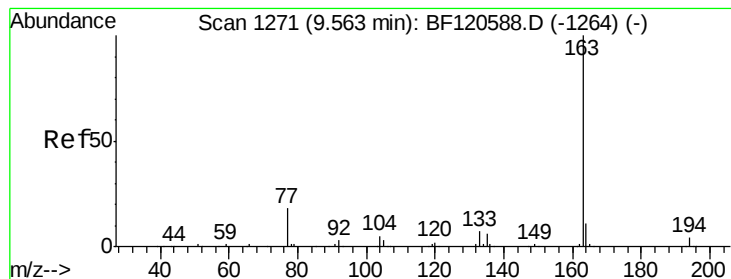
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#45
 2-Fluorobiphenyl
 Concen: 66.619 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF120639.D
 Acq: 17 Jun 2020 18:22

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1229742		
171	35.8	29.0	43.4	
170	24.3	19.4	29.2	





#50

Dimethylphthalate

Concen: 6.765 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.02 min

Lab File: BF120639.D

Acq: 17 Jun 2020 18:22

Instrument :

BNA_F

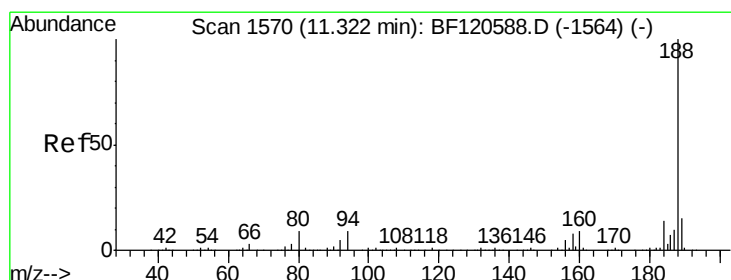
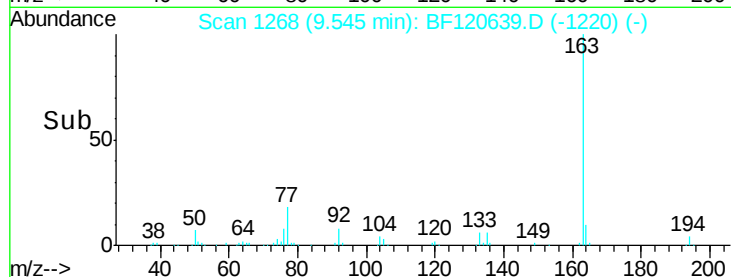
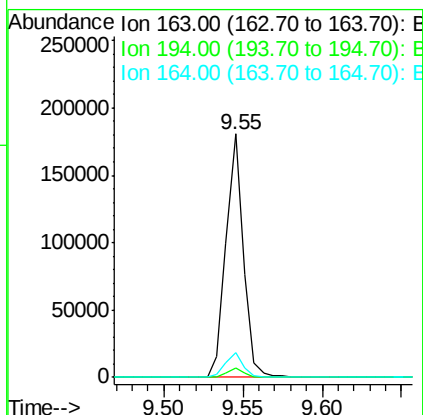
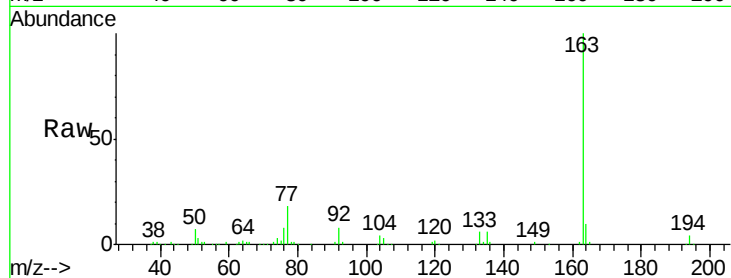
ClientSampleId :

RO-11

Tot Ion:	163	Resp:	137610
Ion Ratio	Lower	Upper	
163	100		
194	3.8	3.1	4.7
164	10.0	8.5	12.7

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#64

Phenanthrene-d10

Concen: 20.000 ng

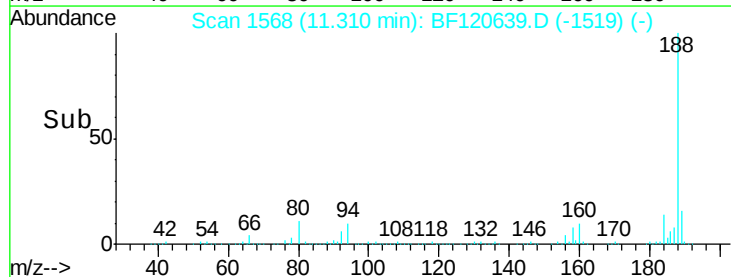
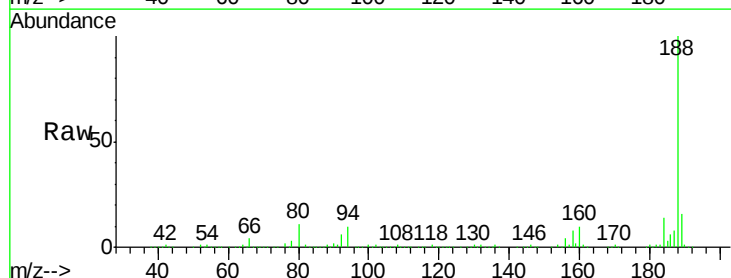
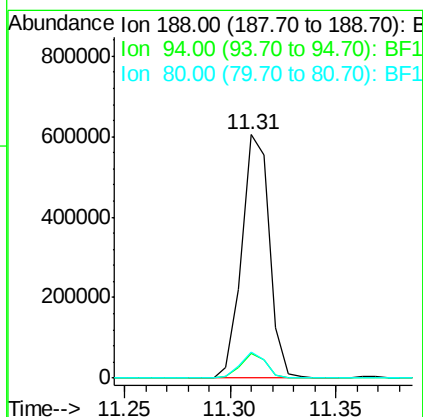
RT: 11.31 min Scan# 1568

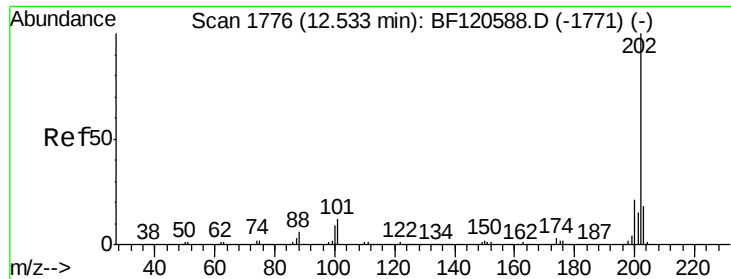
Delta R.T. -0.01 min

Lab File: BF120639.D

Acq: 17 Jun 2020 18:22

Tgt Ion:	188	Resp:	546078
Ion Ratio	Lower	Upper	
188	100		
94	10.2	7.2	10.8
80	10.8	7.4	11.2





#75

Fluoranthene

Concen: 3.388 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.01 min

Lab File: BF120639.D

Acq: 17 Jun 2020 18:22

Instrument :

BNA_F

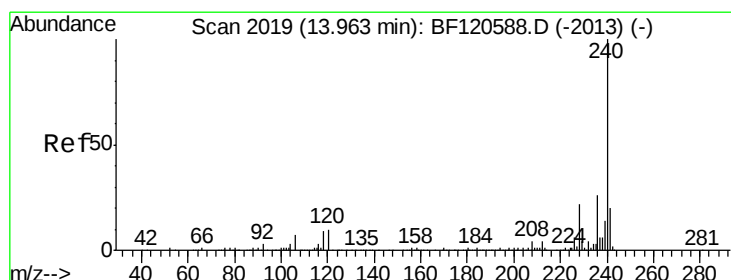
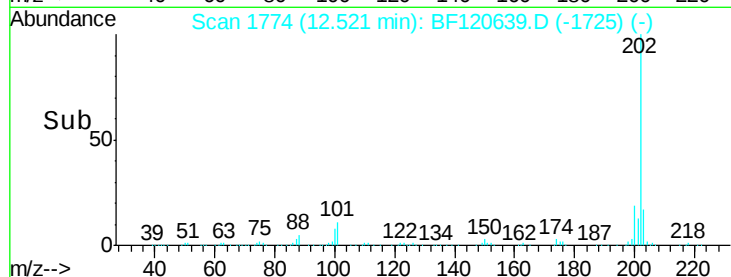
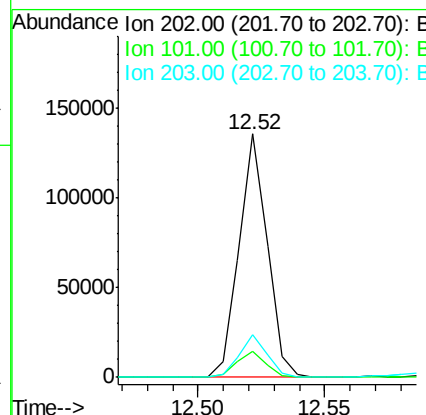
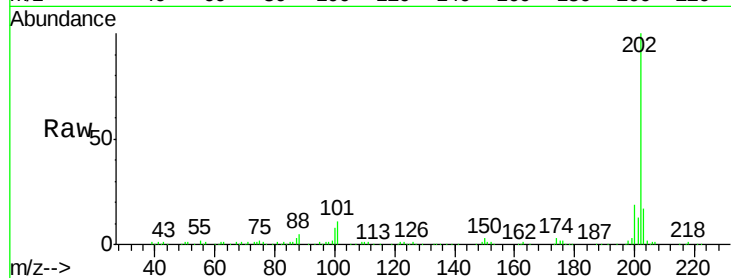
ClientSampleId :

RO-11

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.6	0.0	32.0
203	17.4	0.0	38.3

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#76

Chrysene-d12

Concen: 20.000 ng

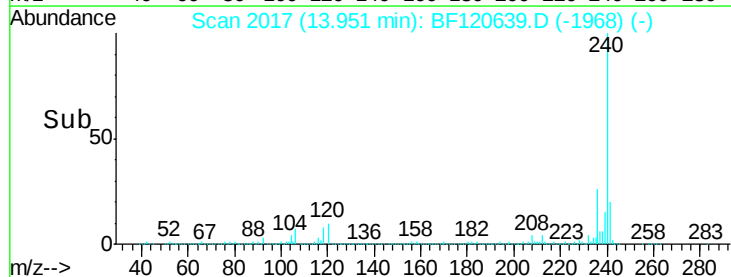
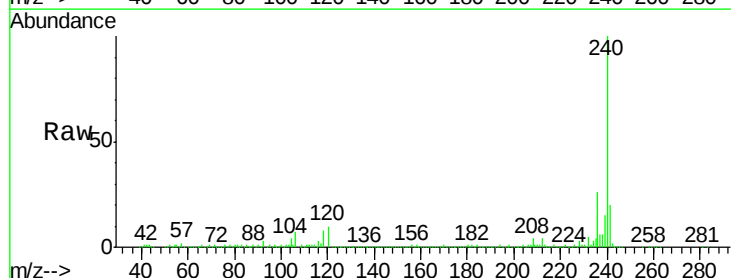
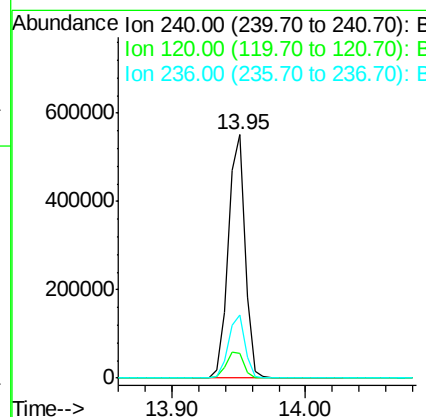
RT: 13.95 min Scan# 2017

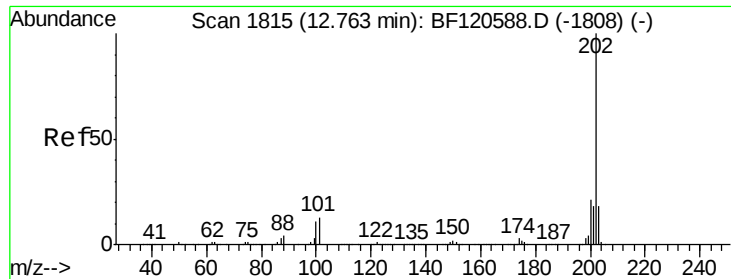
Delta R.T. -0.01 min

Lab File: BF120639.D

Acq: 17 Jun 2020 18:22

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.0	8.3	12.5
236	25.8	21.0	31.4





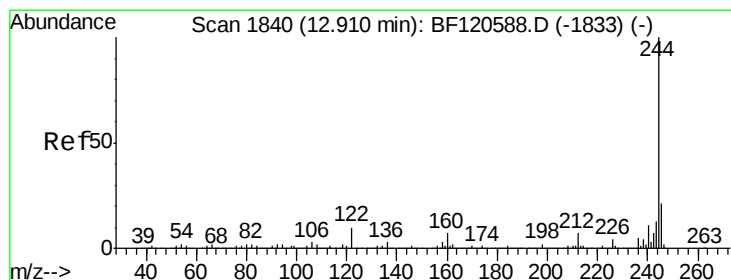
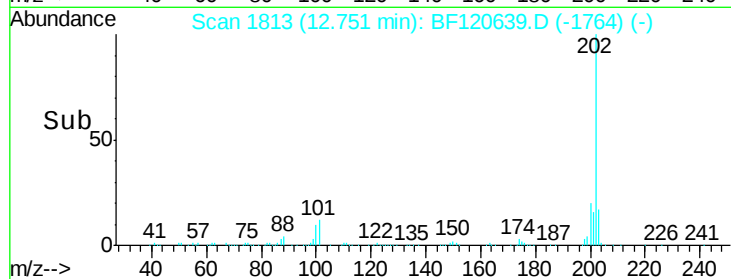
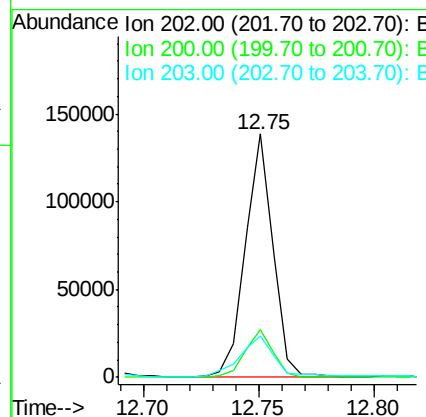
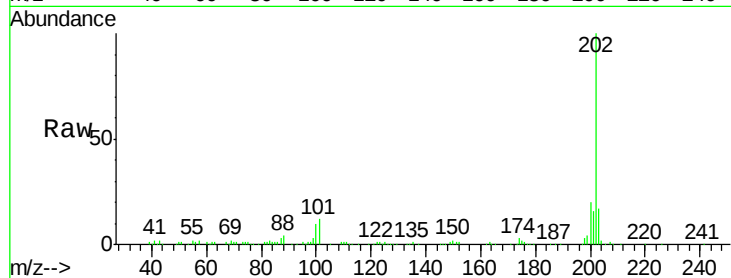
#78
Pvrene
Concen: 3.332 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BF120639.D
Acq: 17 Jun 2020 18:22

Instrument :
BNA_F
ClientSampleId :
RO-11

Tot Ion	Ratio	Lower	Upper
202	100		
200	19.6	16.8	25.2
203	17.1	14.3	21.5

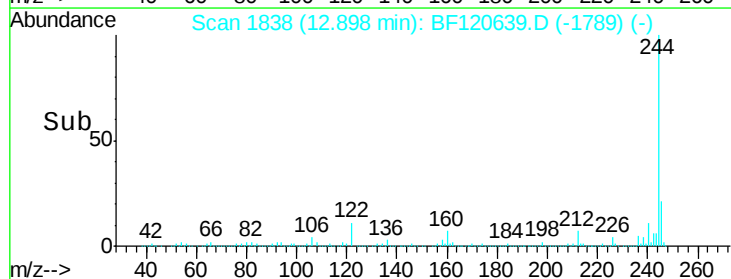
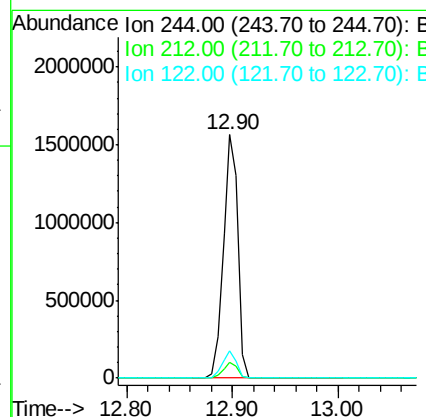
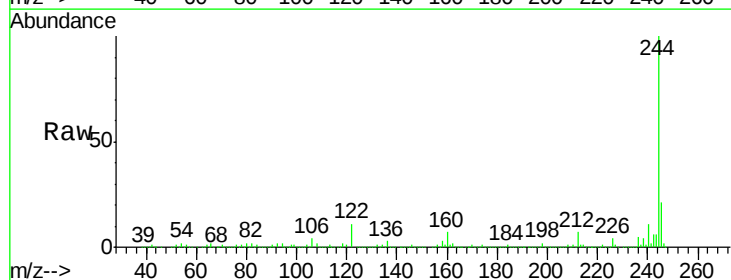
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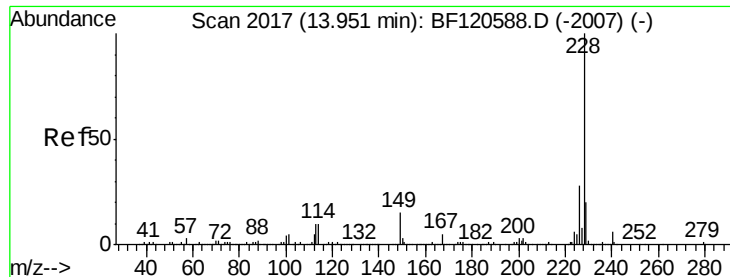
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#79
Terphenyl-d14
Concen: 67.045 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BF120639.D
Acq: 17 Jun 2020 18:22

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.7	8.5
122	11.1	8.3	12.5





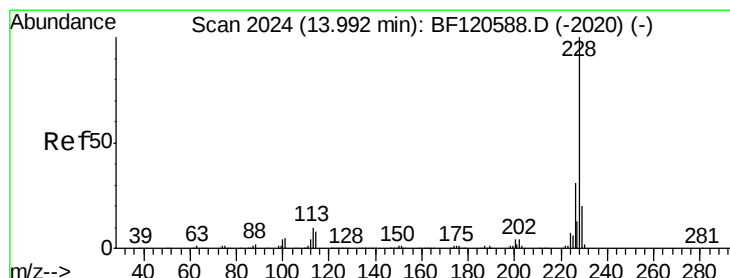
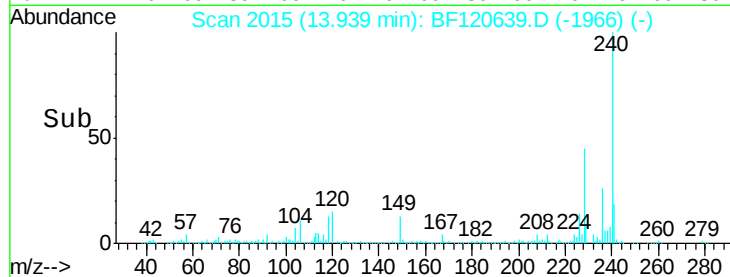
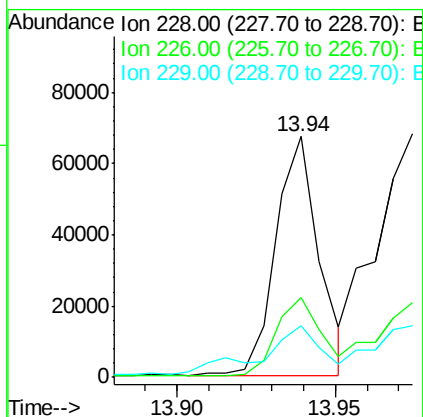
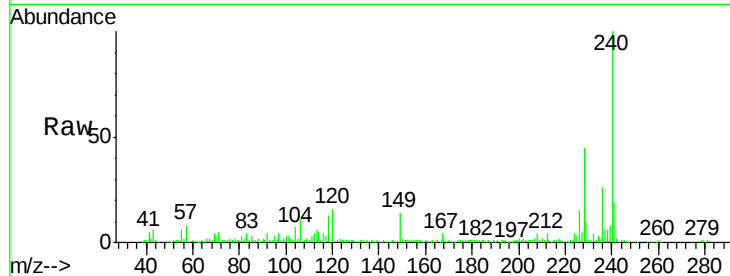
#81
Benzo(a)anthracene
Concen: 2.142 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF120639.D
Acq: 17 Jun 2020 18:22

Instrument :
BNA_F
ClientSampled :
RO-11

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.0	22.5	33.7
229	21.2	16.1	24.1

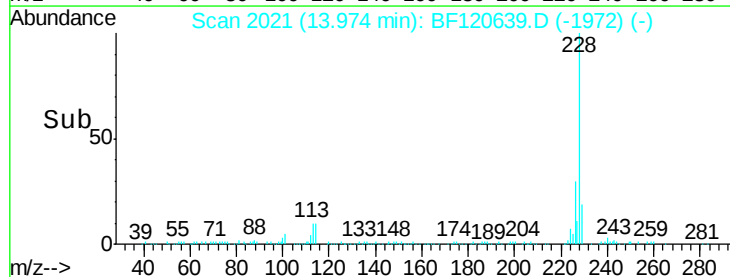
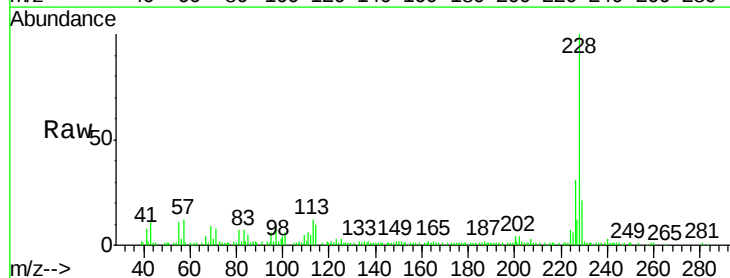
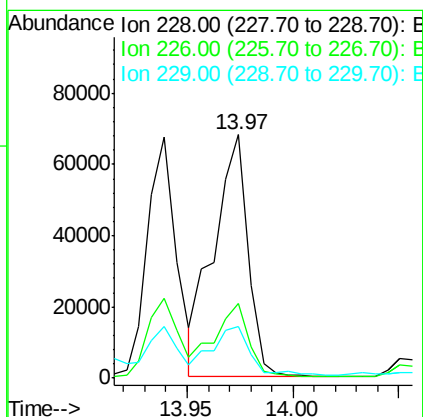
Manual Integrations
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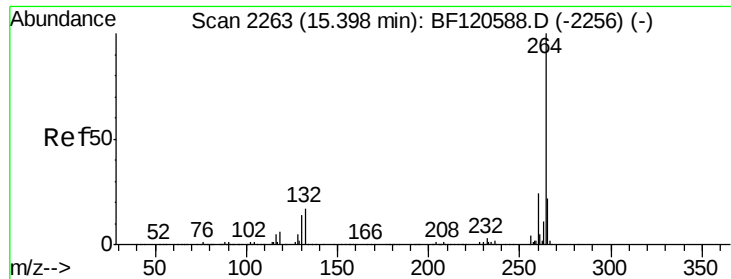
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#83
Chrysene
Concen: 2.498 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF120639.D
Acq: 17 Jun 2020 18:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.9	37.3
229	21.2	16.1	24.1





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.39 min Scan# 2261

Delta R.T. -0.01 min

Lab File: BF120639.D

Acq: 17 Jun 2020 18:22

Instrument :

BNA_F

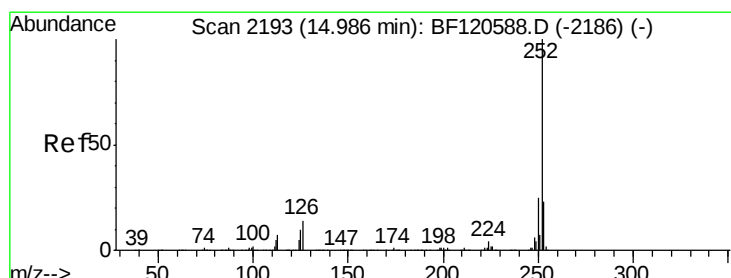
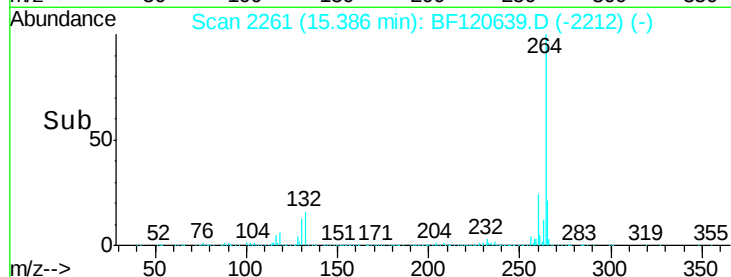
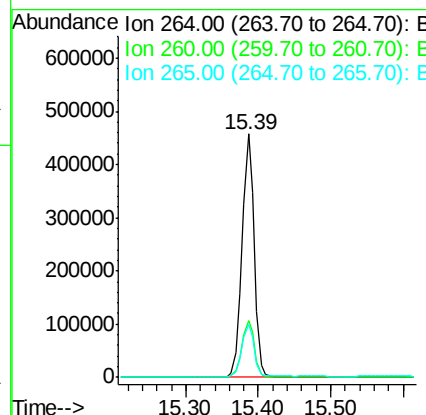
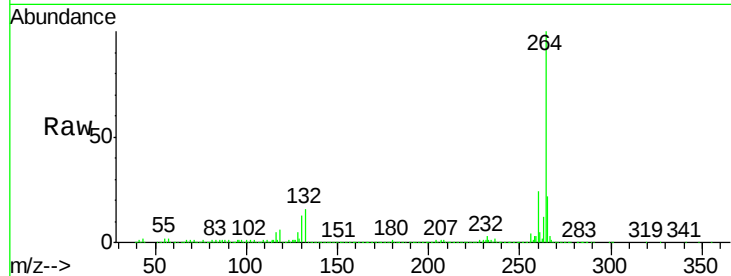
ClientSampleId :

RO-11

Tot Ion:	264	Resp:	536384
Ion Ratio	Lower	Upper	
264	100		
260	23.6	19.3	28.9
265	21.5	17.8	26.8

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#88

Benzo(b)fluoranthene

Concen: 4.349 ng m

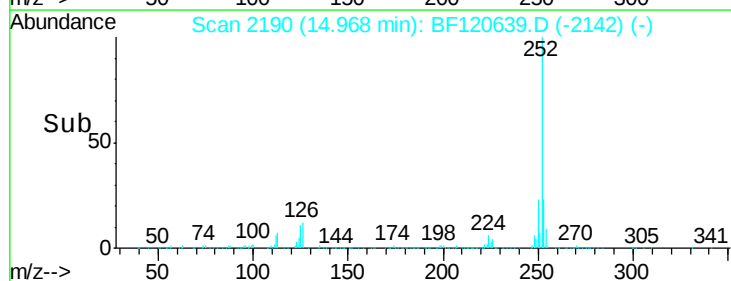
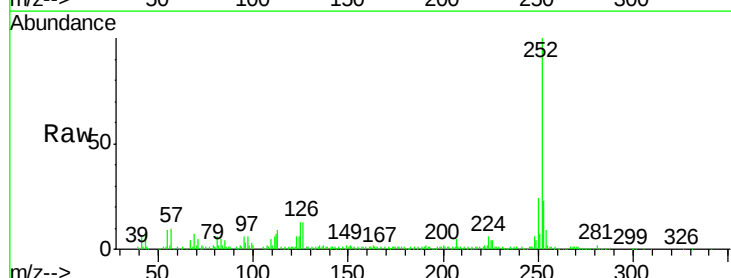
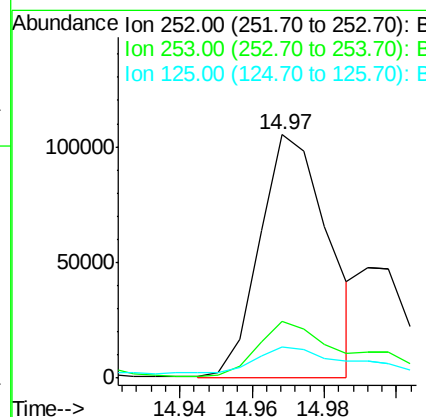
RT: 14.97 min Scan# 2190

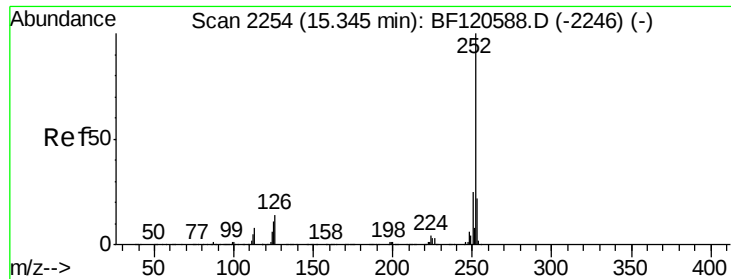
Delta R.T. -0.02 min

Lab File: BF120639.D

Acq: 17 Jun 2020 18:22

Tgt Ion:	252	Resp:	138966
Ion Ratio	Lower	Upper	
252	100		
253	23.3	18.1	27.1
125	12.7	8.3	12.5#





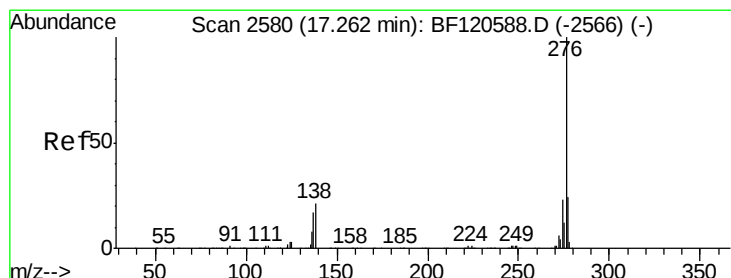
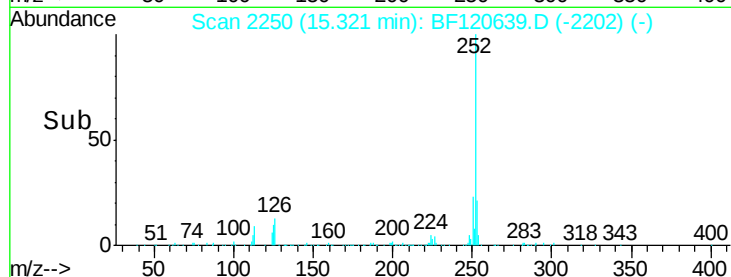
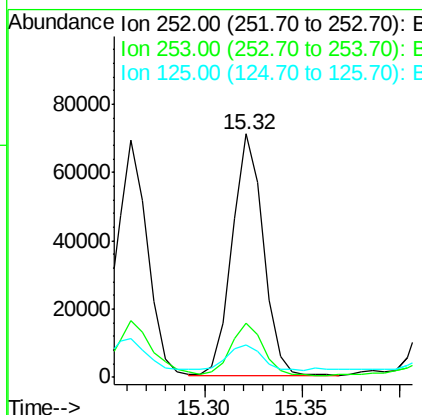
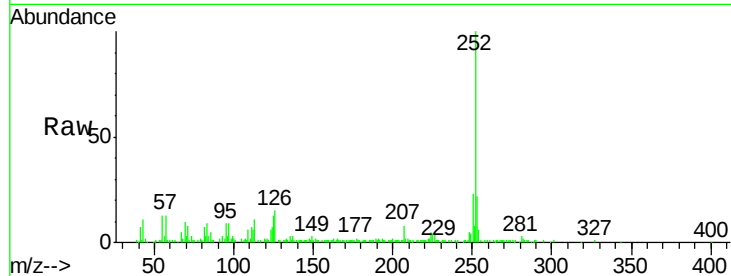
#90
Benzo(a)pyrene
Concen: 2.727 ng
RT: 15.32 min Scan# 2250
Delta R.T. -0.02 min
Lab File: BF120639.D
Acq: 17 Jun 2020 18:22

Instrument :
BNA_F
ClientSampleId :
RO-11

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	13.5	8.6	12.8

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#92
Benzo(g,h,i)perylene
Concen: 2.203 ng
RT: 17.22 min Scan# 2572
Delta R.T. -0.04 min
Lab File: BF120639.D
Acq: 17 Jun 2020 18:22

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.6	29.4
138	25.9	16.5	24.7

