

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061720\
 Data File : BF120634.D
 Acq On : 17 Jun 2020 16:00
 Operator : JU/CG
 Sample : L3024-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-25

Manual Integrations
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 6/18/2020 11:54:29 AM

Quant Time: Jun 17 17:09:59 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	131698	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	502888	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	263577	20.00	ng	-0.01
64) Phenanthrene-d10	11.31	188	524205	20.00	ng	-0.01
76) Chrysene-d12	13.94	240	481636	20.00	ng	-0.02
86) Perylene-d12	15.39	264	525986	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	643970	83.83	ng	-0.01
7) Phenol-d6	6.43	99	805546	84.20	ng	-0.01
23) Nitrobenzene-d5	7.36	82	504696	56.10	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	266121	86.84	ng	-0.01
45) 2-Fluorobiphenyl	9.15	172	1029215	59.74	ng	-0.01
79) Terphenyl-d14	12.90	244	1316617	60.38	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.55	163	88603	4.668	ng	99
75) Fluoranthene	12.52	202	98704	3.313	ng	98
78) Pyrene	12.75	202	93974	2.754	ng	99
81) Benzo(a)anthracene	13.94	228	76682	2.650	ng	96
83) Chrysene	13.97	228	70011	2.359	ng	98
88) Benzo(b)fluoranthene	14.97	252	129725m	4.140	ng	
90) Benzo(a)pyrene	15.32	252	65234	2.326	ng	99

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

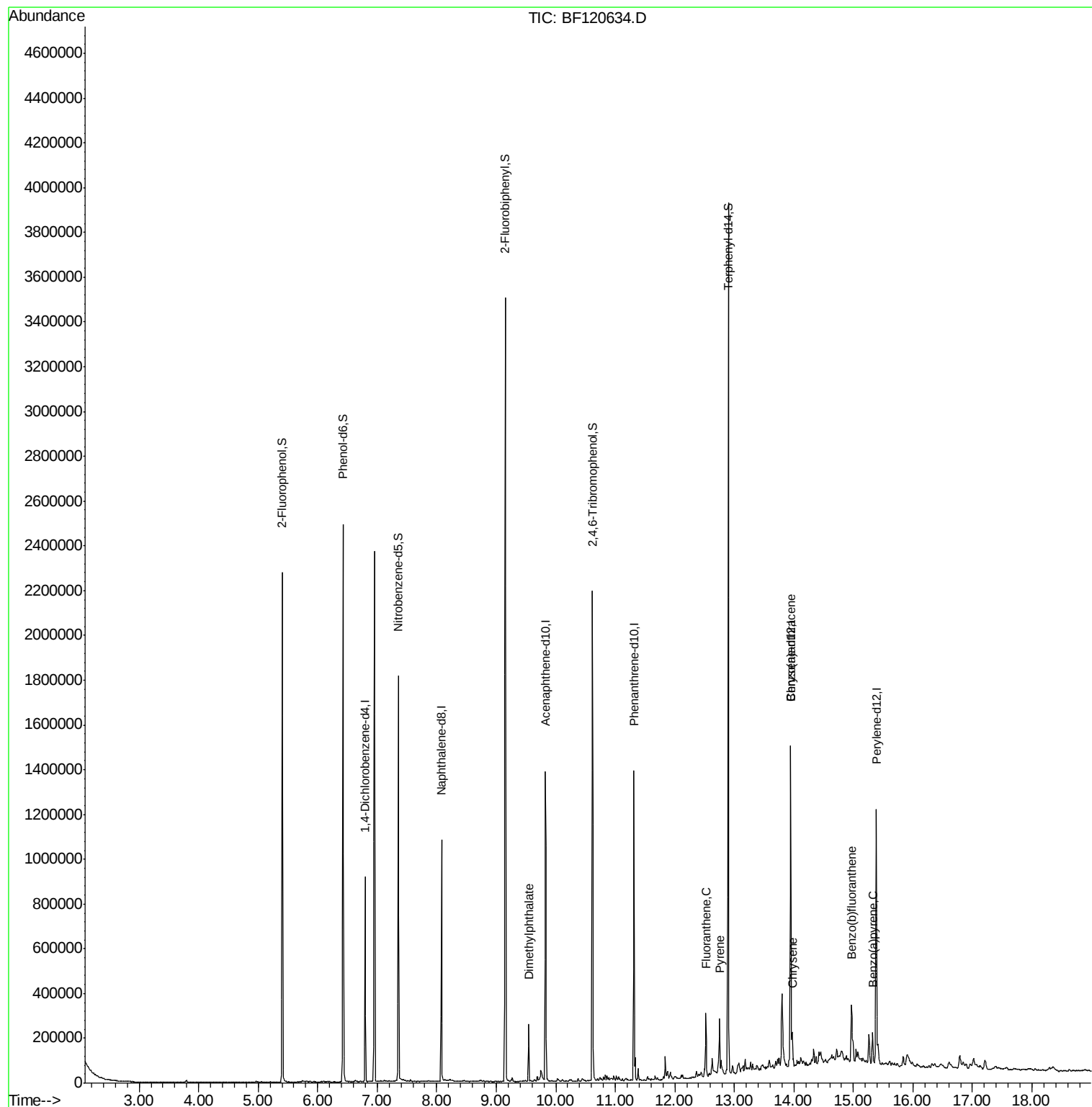
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061720\
Data File : BF120634.D
Acq On : 17 Jun 2020 16:00
Operator : JU/CG
Sample : L3024-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

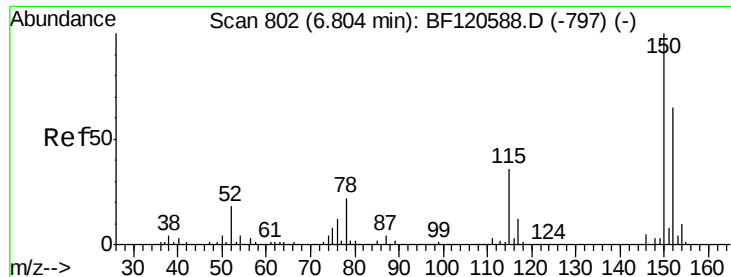
Instrument :
BNA_F
ClientSampleId :
RO-25

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Quant Time: Jun 17 17:09:59 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

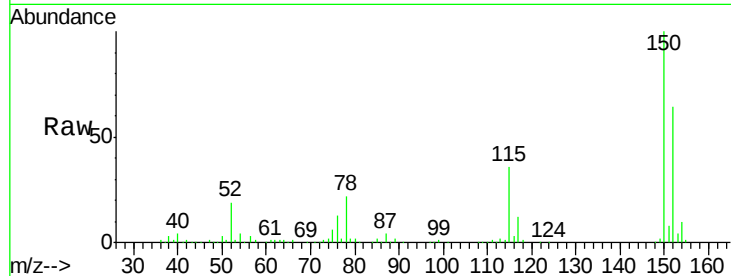
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF120634.D
Acq: 17 Jun 2020 16:00

Instrument :
BNA_F
ClientSampleId :
RO-25

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	123.2	184.8
115	56.0	43.9	65.9

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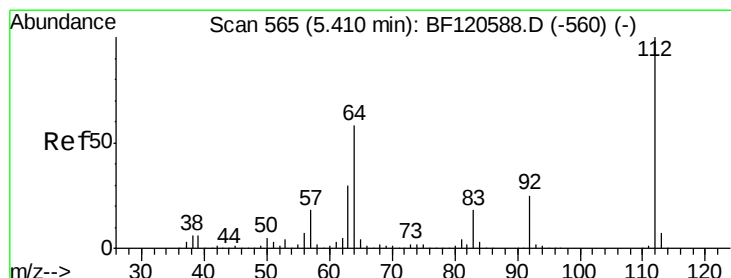
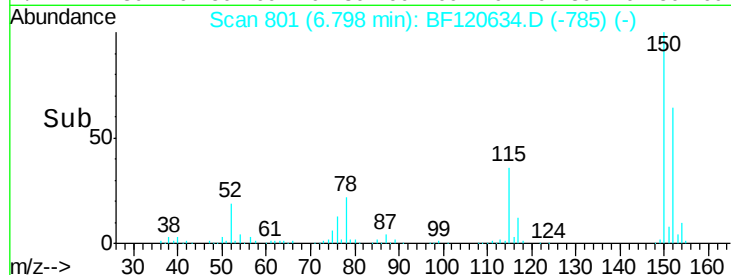
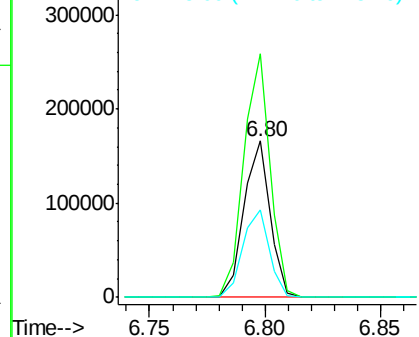


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

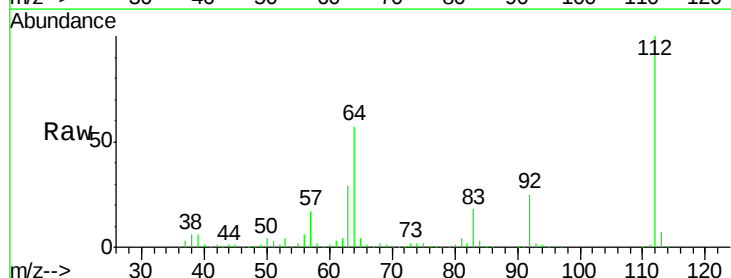
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 83.832 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.01 min
Lab File: BF120634.D
Acq: 17 Jun 2020 16:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.4	46.1	69.1
63	29.1	23.7	35.5

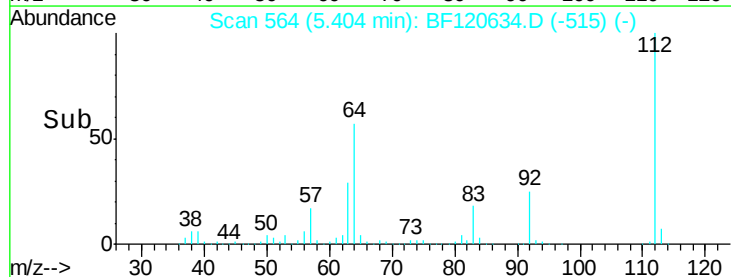
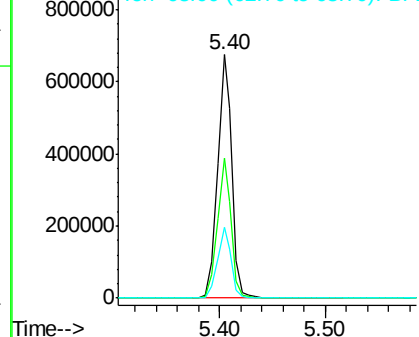


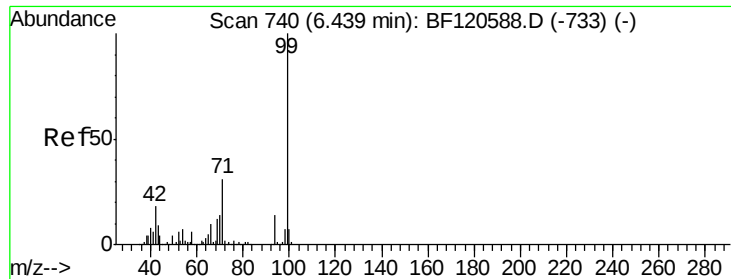
Abundance

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: 84.196 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF120634.D

Acq: 17 Jun 2020 16:00

Instrument :

BNA_F

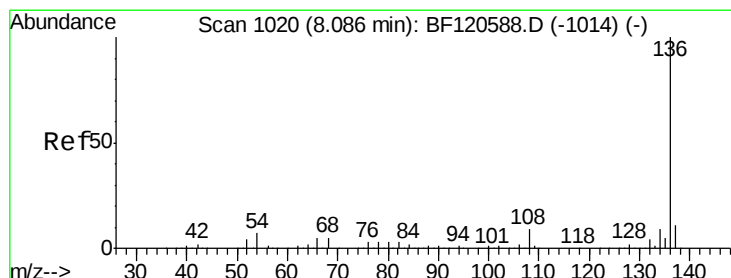
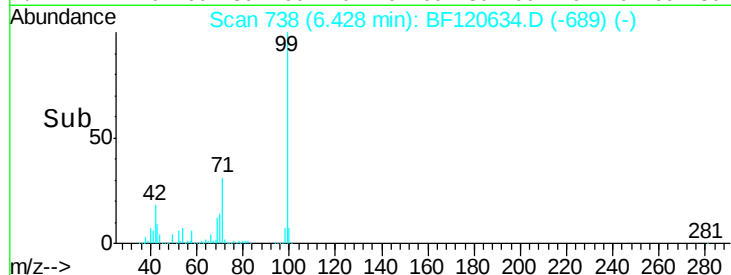
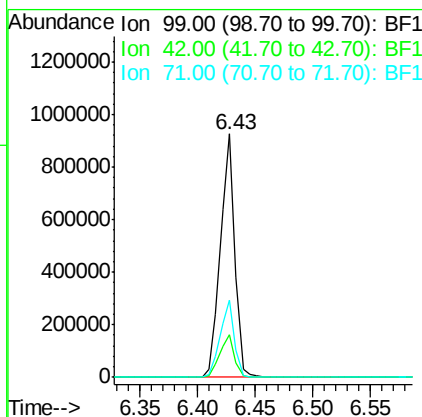
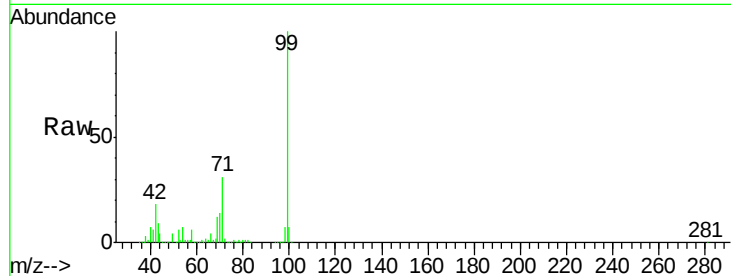
ClientSampleId :

RO-25

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		805546		
42	17.7	14.0	21.0		
71	31.5	24.9	37.3		

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#21

Naphthalene-d8

Concen: 20.000 ng

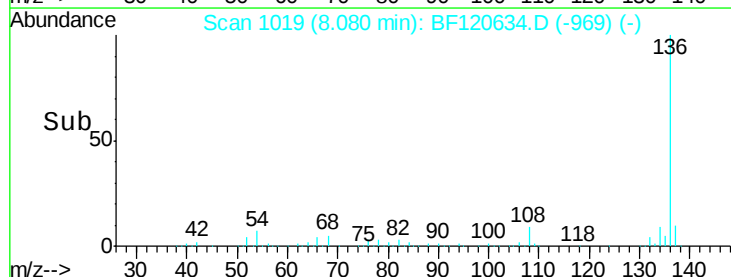
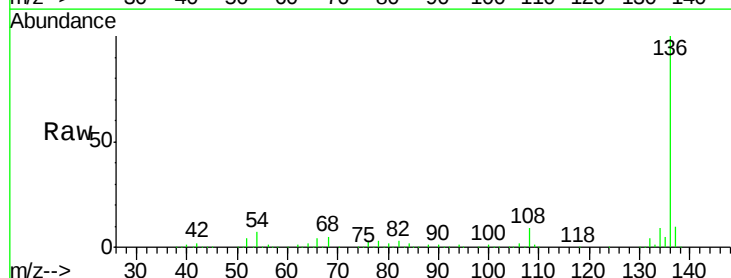
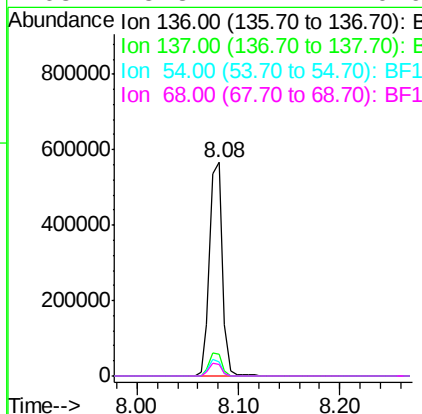
RT: 8.08 min Scan# 1019

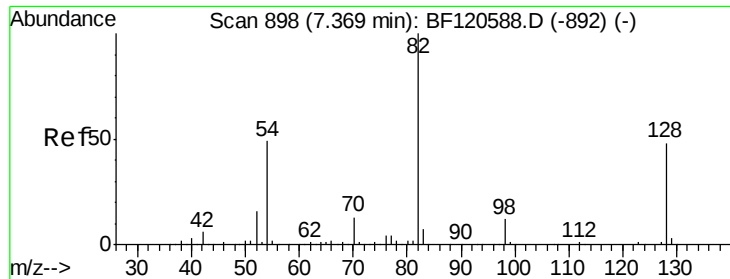
Delta R.T. -0.01 min

Lab File: BF120634.D

Acq: 17 Jun 2020 16:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		502888		
137	10.5	8.6	13.0		
54	6.7	5.8	8.6		
68	5.3	4.4	6.6		





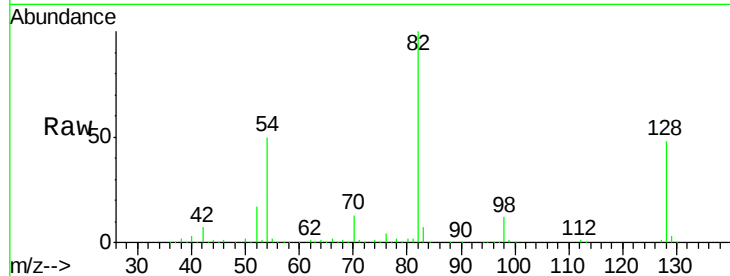
#23
 Nitrobenzene-d5
 Concen: 56.098 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF120634.D
 Acq: 17 Jun 2020 16:00

Instrument :
 BNA_F
 ClientSampled :
 RO-25

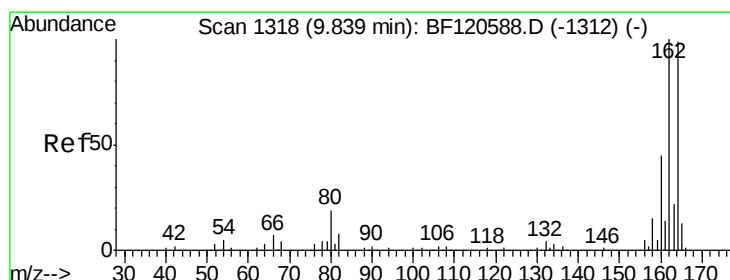
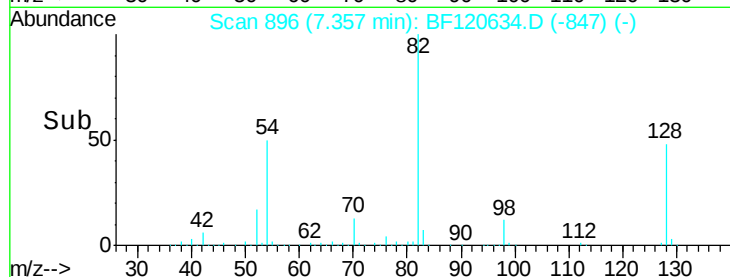
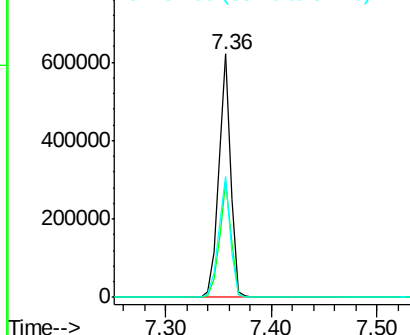
Tot Ion	Ratio	Resp	Lower	Upper
82	100	504696		
128	47.5		38.0	57.0
54	49.7		38.8	58.2

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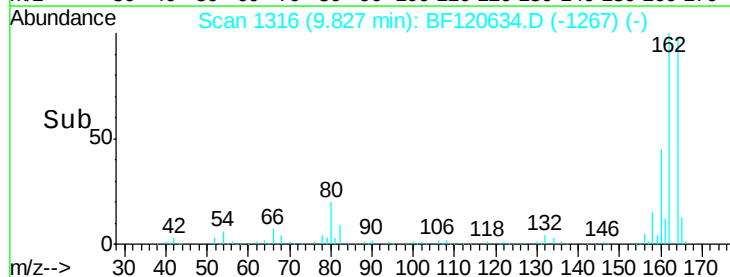
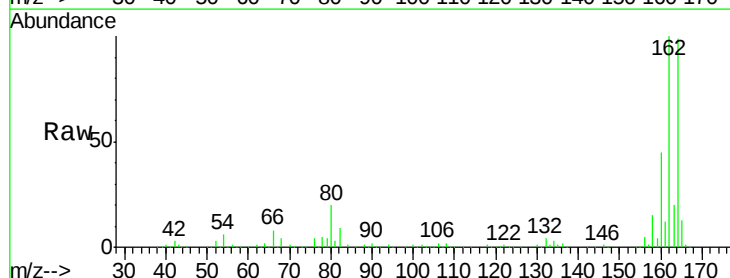
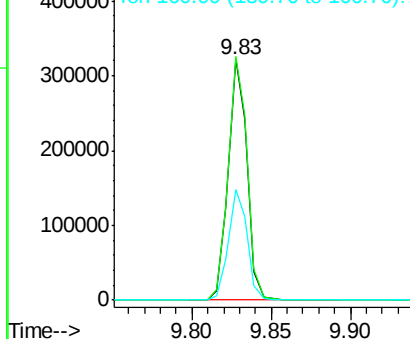
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

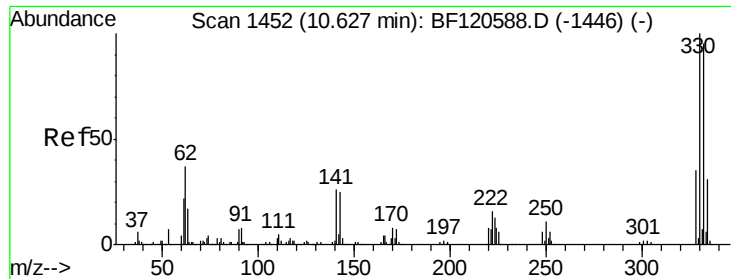


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF120634.D
 Acq: 17 Jun 2020 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	263577		
162	101.1		80.6	120.8
160	45.7		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





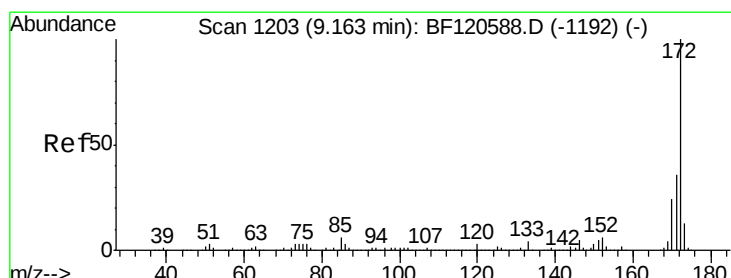
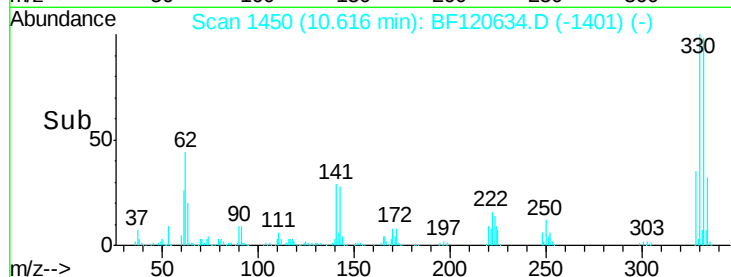
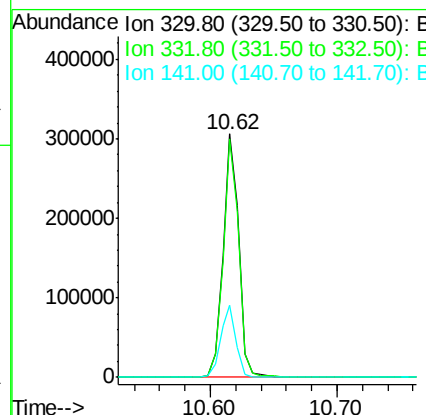
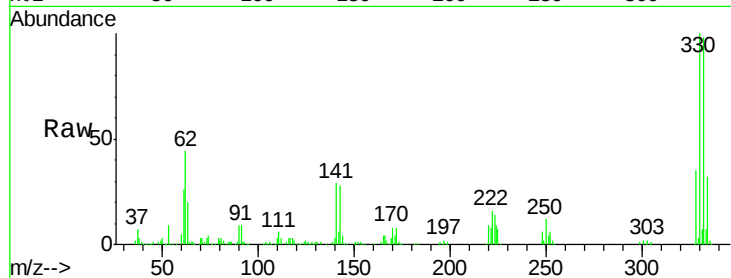
#42
 2,4,6-Tribromophenol
 Concen: 86.841 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF120634.D
 Acq: 17 Jun 2020 16:00

Instrument :
 BNA_F
 ClientSampled :
 RO-25

Tot Ion	Ratio	Resp	Lower	Upper
330	100	266121		
332	97.1	76.8	115.2	
141	29.2	23.2	34.8	

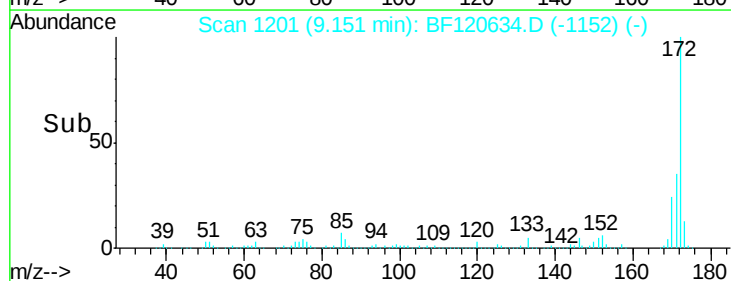
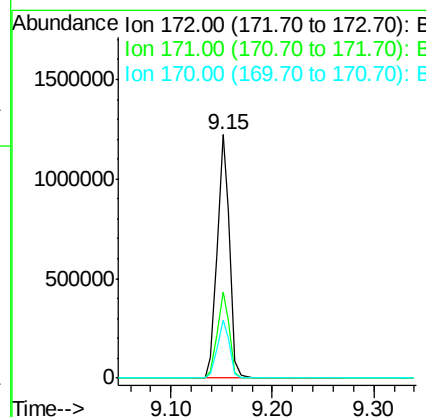
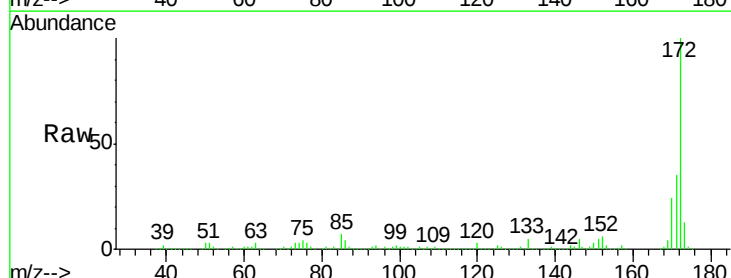
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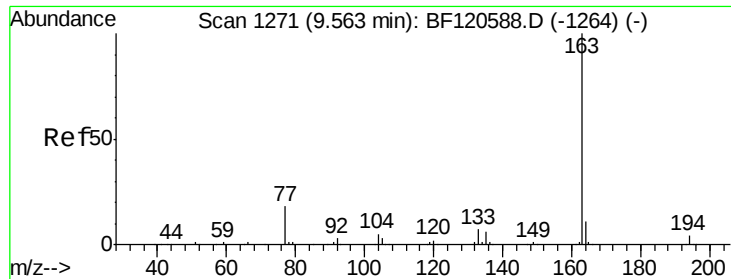
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#45
 2-Fluorobiphenyl
 Concen: 59.743 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF120634.D
 Acq: 17 Jun 2020 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1029215		
171	35.4	29.0	43.4	
170	23.9	19.4	29.2	





#50

Dimethylphthalate

Concen: 4.668 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.02 min

Lab File: BF120634.D

Acq: 17 Jun 2020 16:00

Instrument :

BNA_F

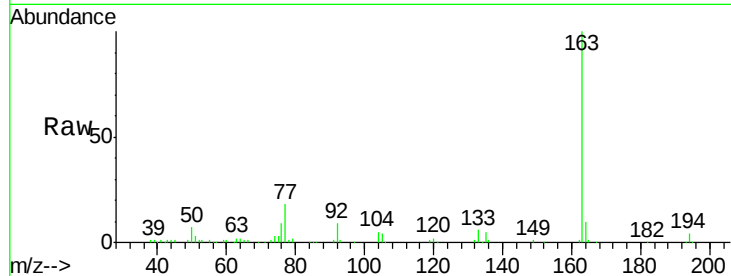
ClientSampleId :

RO-25

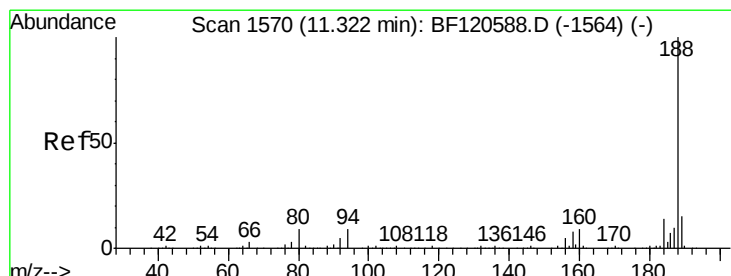
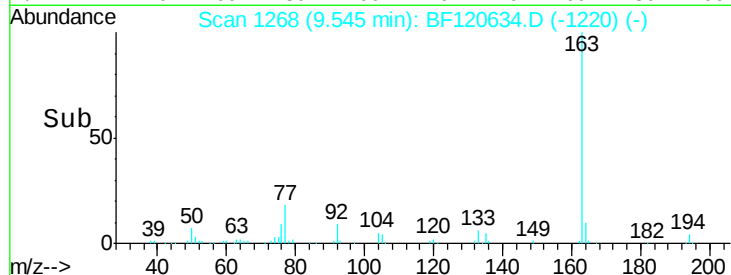
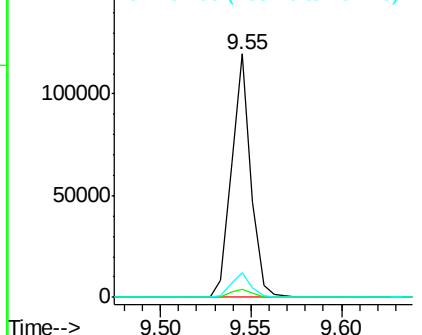
Tot Ion:	163	Resp:	88603
Ion Ratio	Lower	Upper	
163	100		
194	3.5	3.1	4.7
164	10.2	8.5	12.7

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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

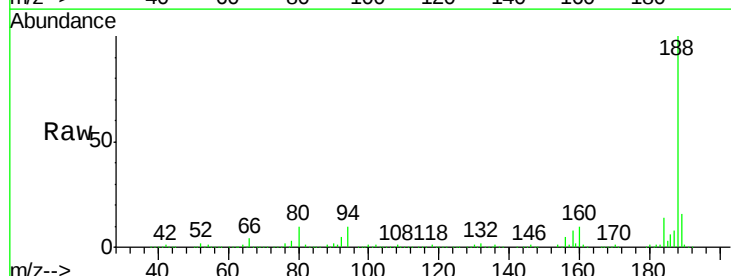
RT: 11.31 min Scan# 1568

Delta R.T. -0.01 min

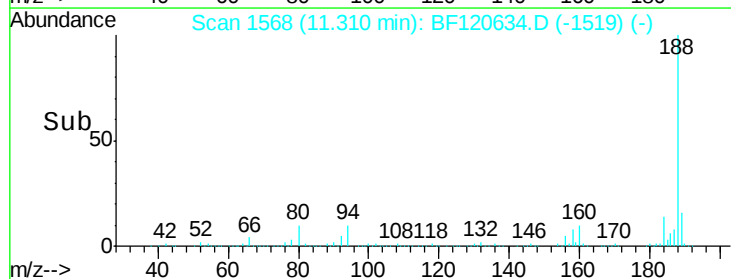
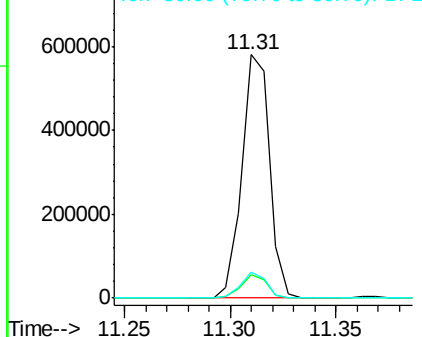
Lab File: BF120634.D

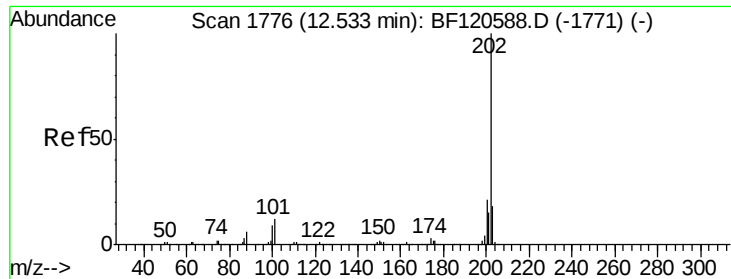
Acq: 17 Jun 2020 16:00

Tgt Ion:	188	Resp:	524205
Ion Ratio	Lower	Upper	
188	100		
94	9.7	7.2	10.8
80	10.5	7.4	11.2



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





#75

Fluoranthene

Concen: 3.313 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.01 min

Lab File: BF120634.D

Acq: 17 Jun 2020 16:00

Instrument :

BNA_F

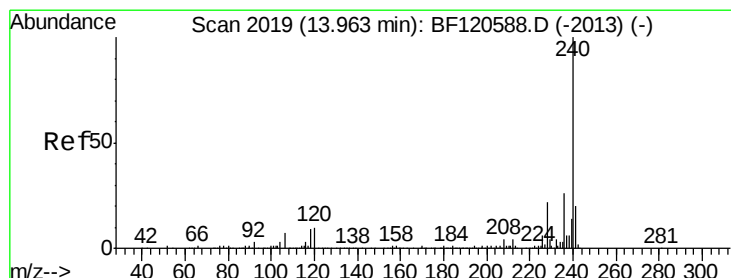
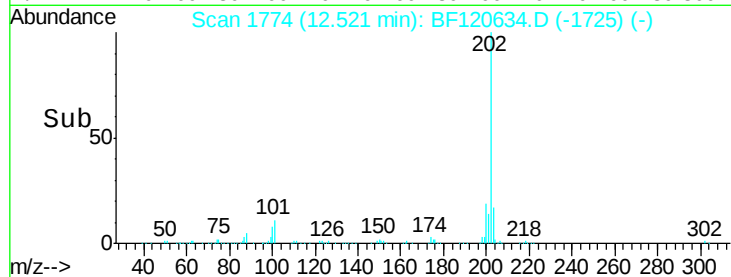
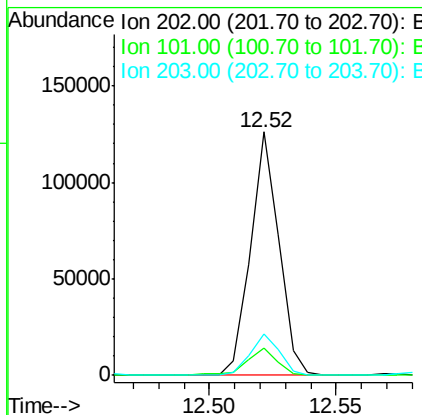
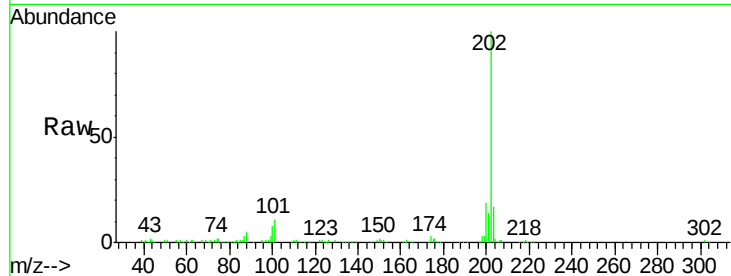
ClientSampleId :

RO-25

Tot Ion:	202	Resp:	98704
Ion Ratio	Lower	Upper	
202	100		
101	11.0	0.0	32.0
203	17.2	0.0	38.3

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#76

Chrysene-d12

Concen: 20.000 ng

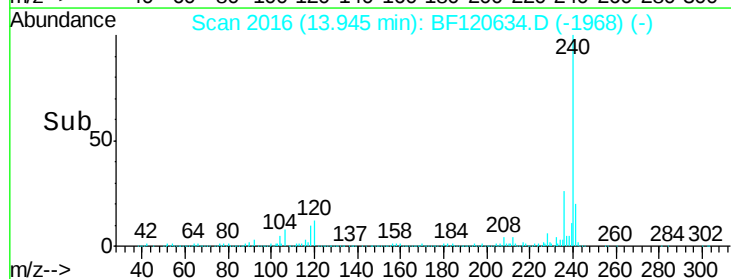
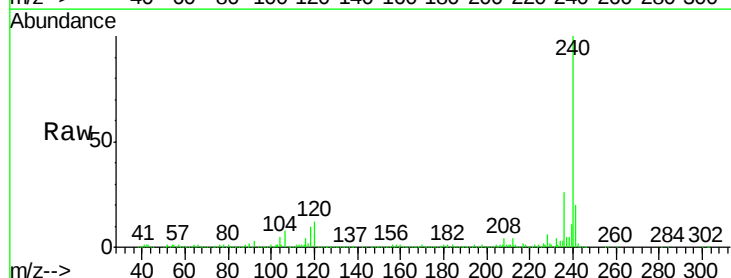
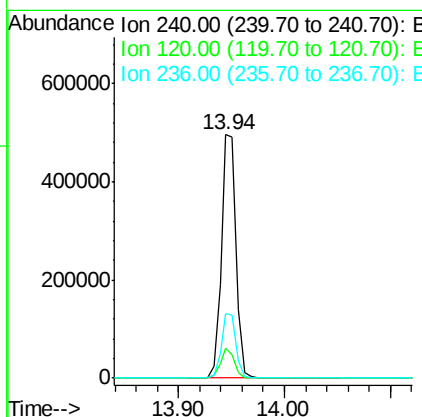
RT: 13.94 min Scan# 2016

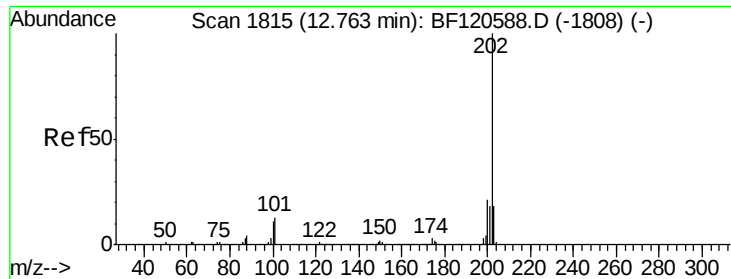
Delta R.T. -0.02 min

Lab File: BF120634.D

Acq: 17 Jun 2020 16:00

Tgt Ion:	240	Resp:	481636
Ion Ratio	Lower	Upper	
240	100		
120	12.4	8.3	12.5
236	26.4	21.0	31.4





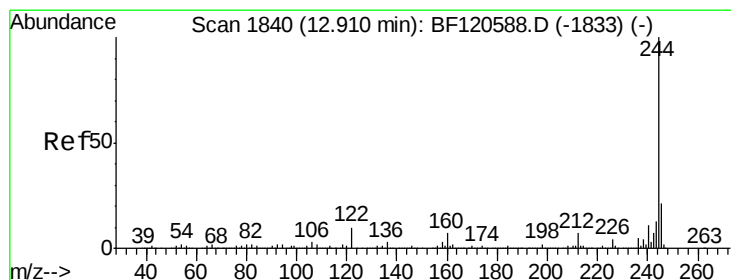
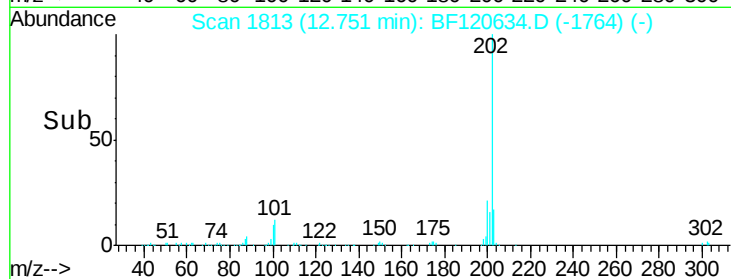
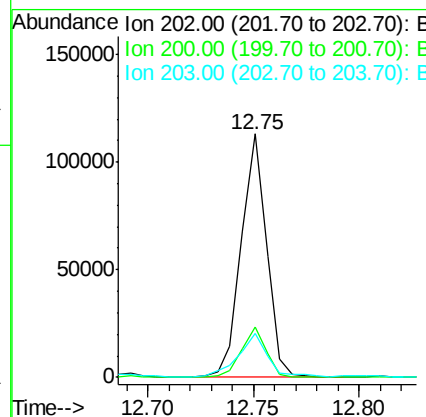
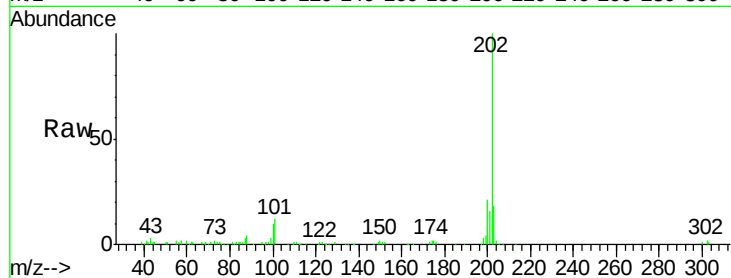
#78
Pvrene
Concen: 2.754 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BF120634.D
Acq: 17 Jun 2020 16:00

Instrument :
BNA_F
ClientSampleId :
RO-25

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.8	25.2
203	17.9	14.3	21.5

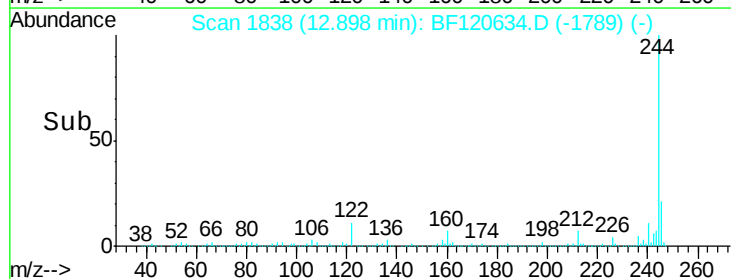
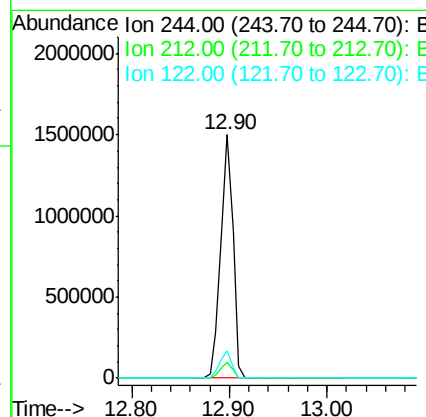
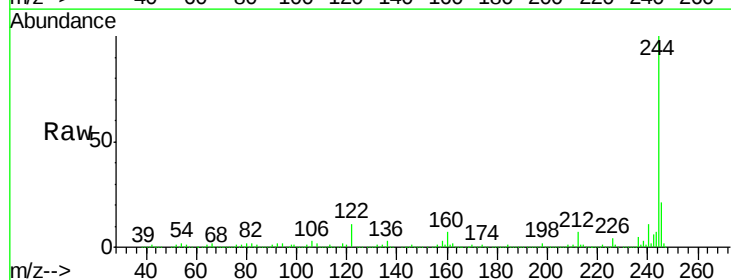
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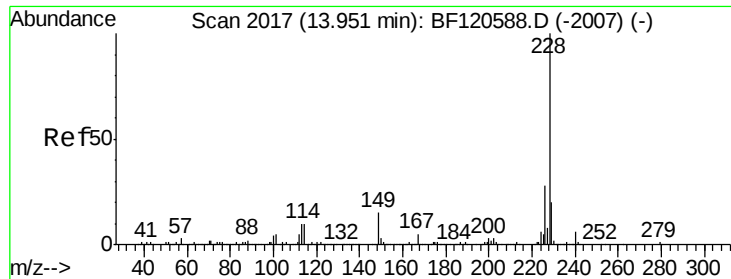
mohammad
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#79
Terphenyl-d14
Concen: 60.383 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BF120634.D
Acq: 17 Jun 2020 16:00

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: 2.650 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF120634.D

Acq: 17 Jun 2020 16:00

Instrument :

BNA_F

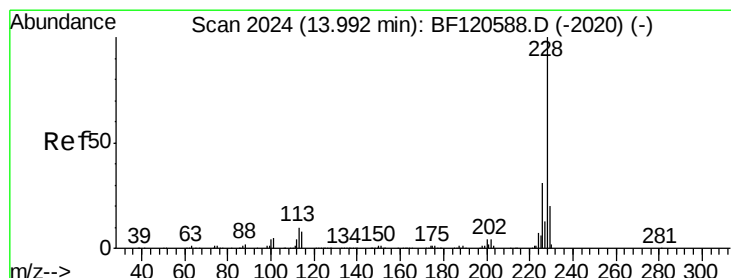
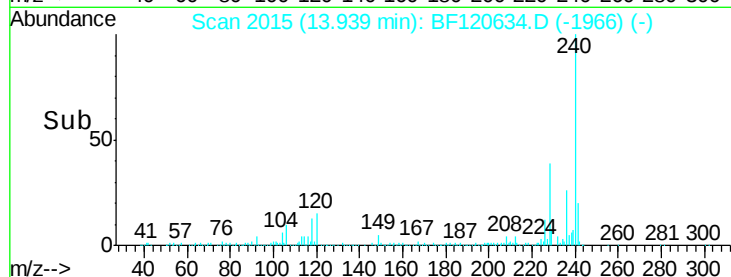
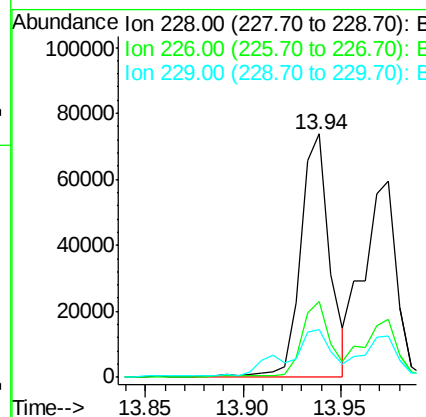
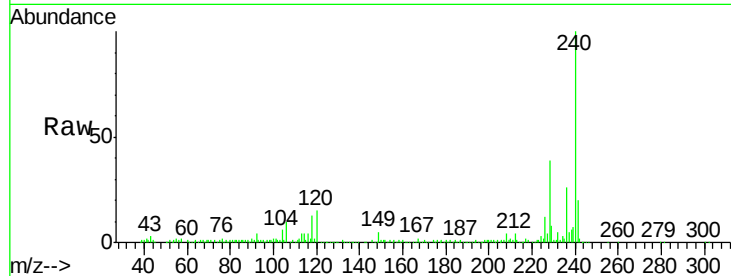
ClientSampled :

RO-25

Tot Ion:	228	Resp:	76682
Ion Ratio	Lower	Upper	
228	100		
226	31.4	22.5	33.7
229	19.7	16.1	24.1

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#83

Chrysene

Concen: 2.359 ng

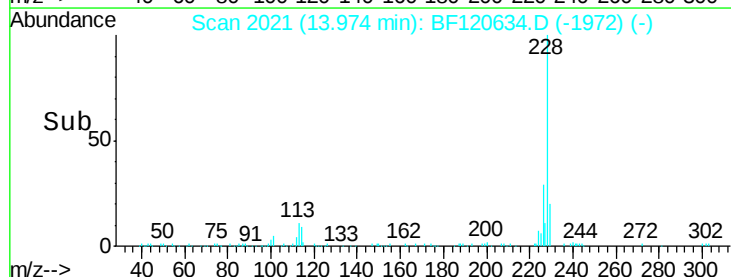
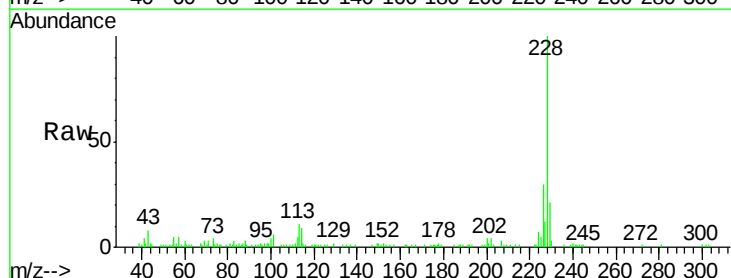
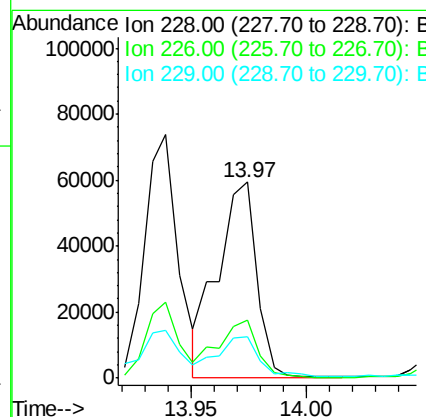
RT: 13.97 min Scan# 2021

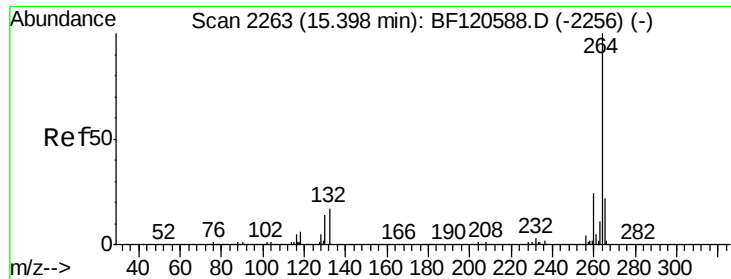
Delta R.T. -0.01 min

Lab File: BF120634.D

Acq: 17 Jun 2020 16:00

Tgt Ion:	228	Resp:	70011
Ion Ratio	Lower	Upper	
228	100		
226	29.8	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: BF120634.D

Acq: 17 Jun 2020 16:00

Instrument :

BNA_F

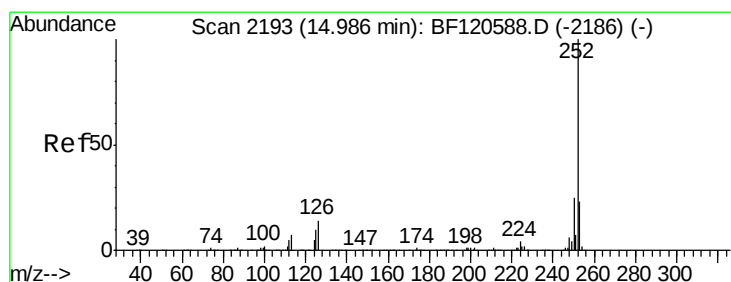
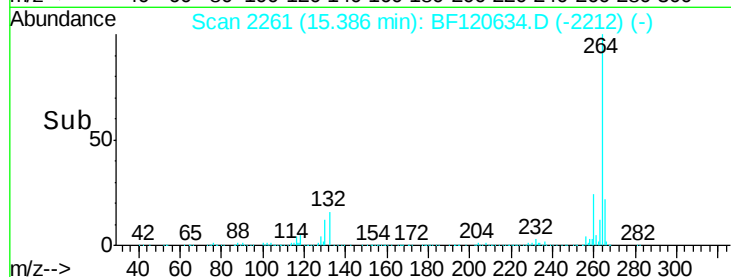
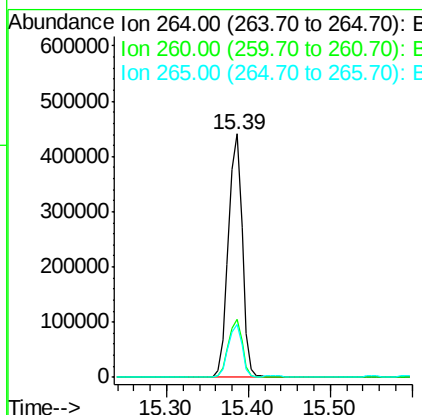
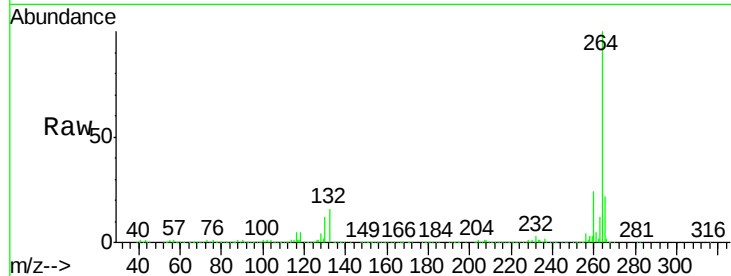
ClientSampleId :

RO-25

Tot Ion:	264	Resp:	525986
Ion Ratio		Lower	Upper
264	100		
260	23.6	19.3	28.9
265	21.6	17.8	26.8

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#88

Benzo(b)fluoranthene

Concen: 4.140 ng m

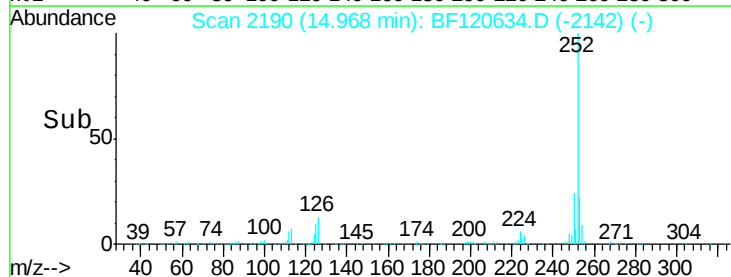
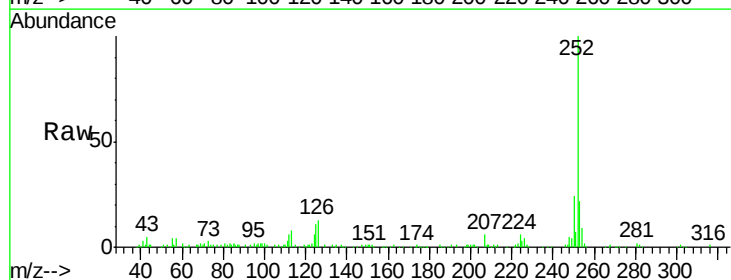
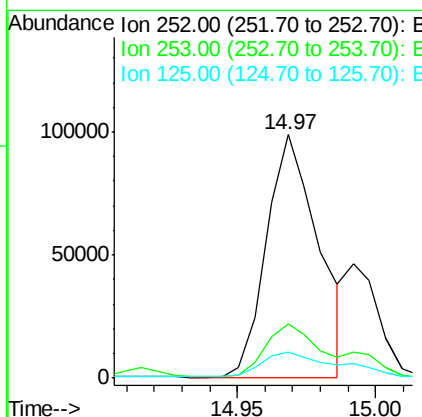
RT: 14.97 min Scan# 2190

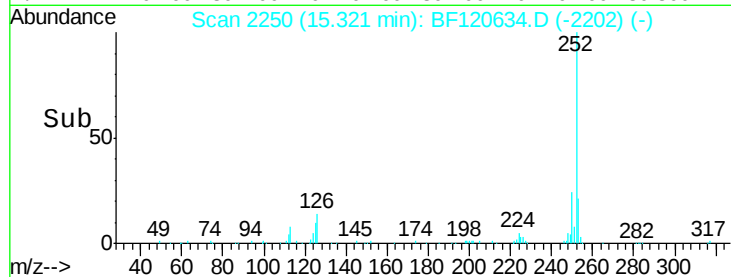
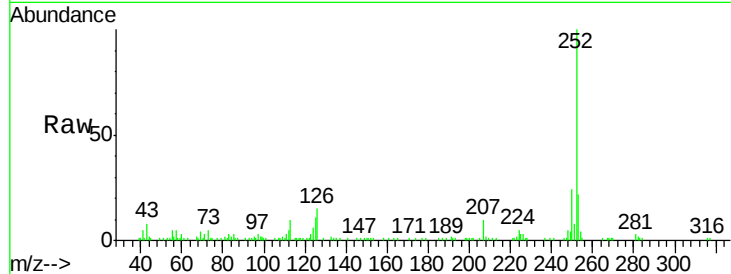
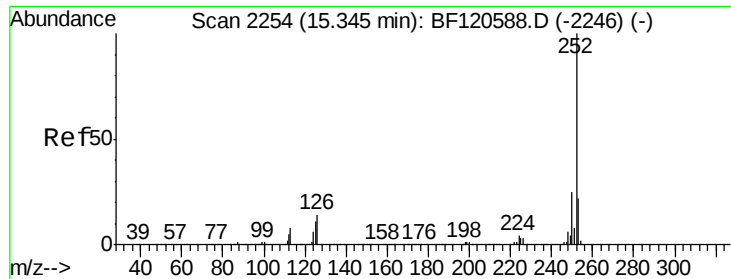
Delta R.T. -0.02 min

Lab File: BF120634.D

Acq: 17 Jun 2020 16:00

Tgt Ion:	252	Resp:	129725
Ion Ratio		Lower	Upper
252	100		
253	22.5	18.1	27.1
125	10.6	8.3	12.5





#90

Benzo(a)pyrene

Concen: 2.326 ng

RT: 15.32 min Scan# 2250

Delta R.T. -0.02 min

Lab File: BF120634.D

Acq: 17 Jun 2020 16:00

Instrument :

BNA_F

ClientSampleId :

RO-25

Tot Ion:	252	Resp:	65234
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.8	26.8
125	10.8	8.6	12.8

Manual Integrations
APPROVED

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