

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061920\
 Data File : BF120662.D
 Acq On : 19 Jun 2020 14:30
 Operator : JU/CG
 Sample : L3055-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CENTER

Manual Integrations
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Quant Time: Jun 19 15:39:45 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	110287	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	403283	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	213759	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	422866	20.00	ng	0.00
76) Chrysene-d12	13.96	240	465599	20.00	ng	0.00
86) Perylene-d12	15.40	264	492703	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	141121	21.94	ng	-0.01
7) Phenol-d6	6.43	99	368086	45.94	ng	-0.01
23) Nitrobenzene-d5	7.36	82	425520	58.98	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	32059	12.90	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	874155	62.57	ng	0.00
79) Terphenyl-d14	12.91	244	1322888	62.76	ng	0.00
Target Compounds						
38) 1-Methylnaphthalene	8.89	142	26376m	2.168	ng	Qvalue
50) Dimethylphthalate	9.55	163	77173	5.013	ng	# 98
71) Phenanthrene	11.34	178	71842	3.418	ng	97
75) Fluoranthene	12.53	202	114789	4.776	ng	97
78) Pyrene	12.76	202	103534	3.139	ng	98
88) Benzo(b)fluoranthene	14.99	252	60668m	2.067	ng	

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

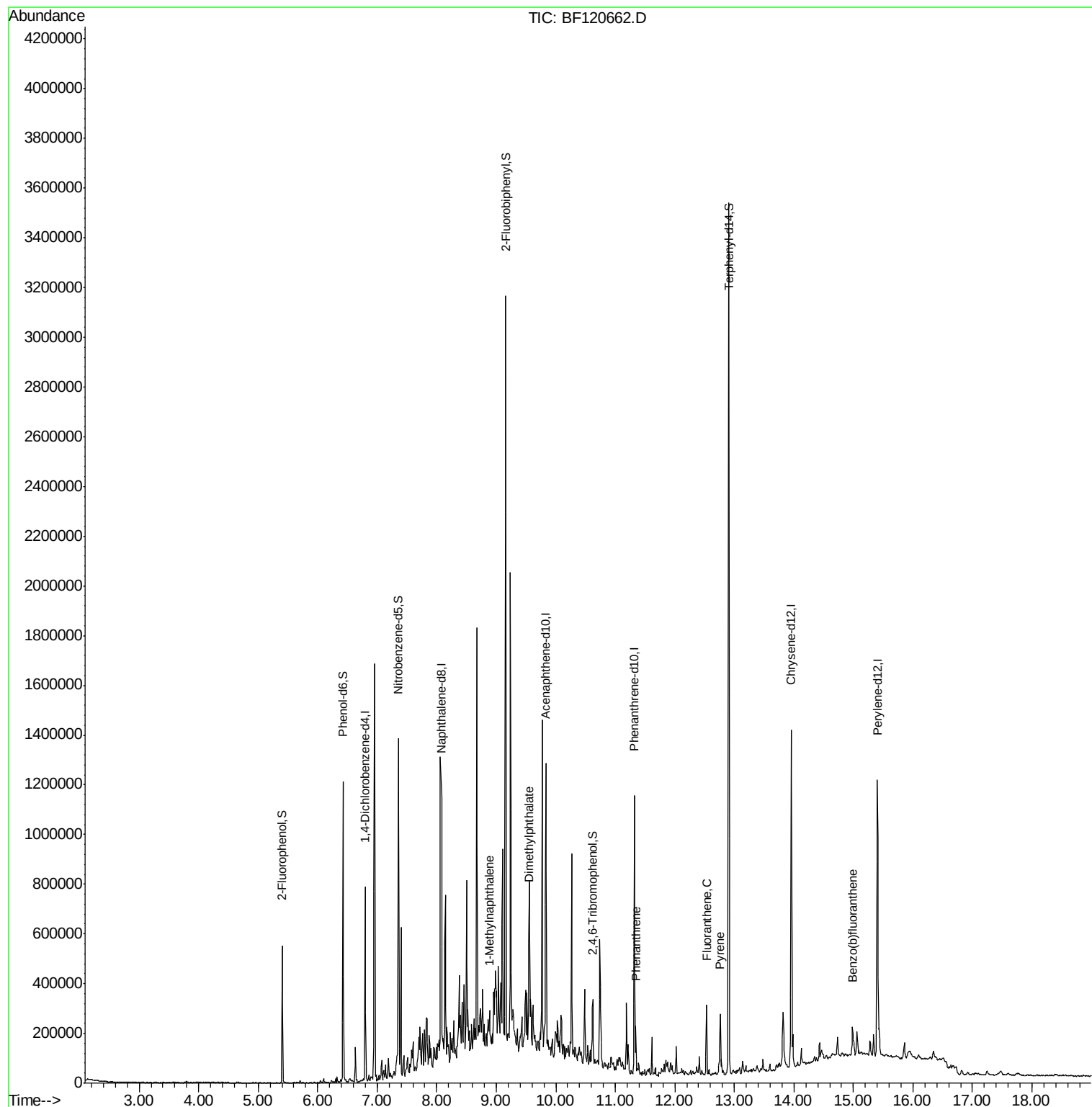
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061920\
Data File : BF120662.D
Acq On : 19 Jun 2020 14:30
Operator : JU/CG
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Misc :
ALS Vial : 4 Sample Multiplier: 1

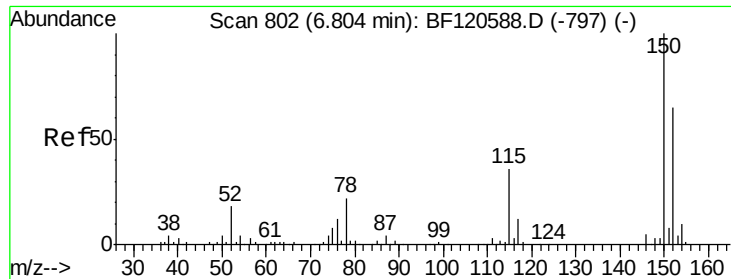
Instrument :
BNA_F
ClientSampleId :
CENTER

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Quant Time: Jun 19 15:39:45 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

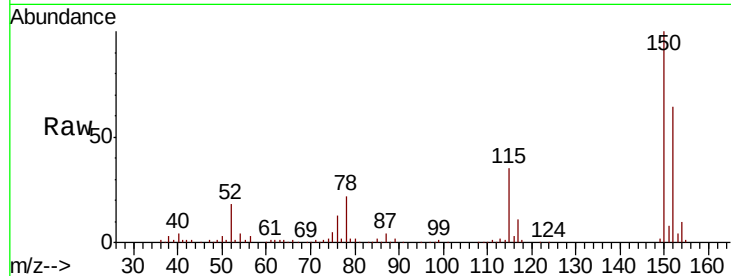
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF120662.D
Acq: 19 Jun 2020 14:30

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	123.2	184.8
115	55.3	43.9	65.9

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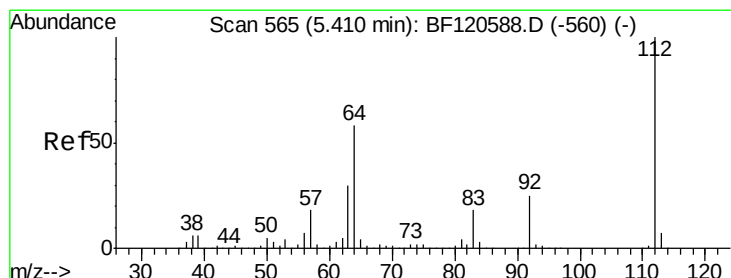
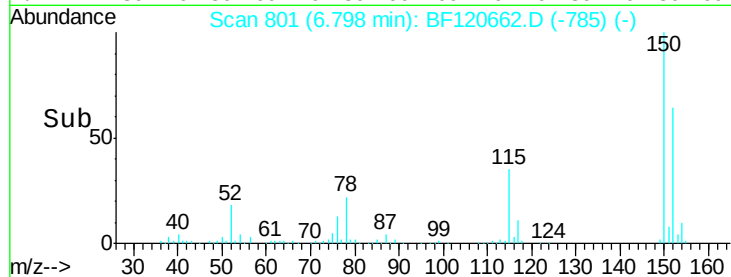
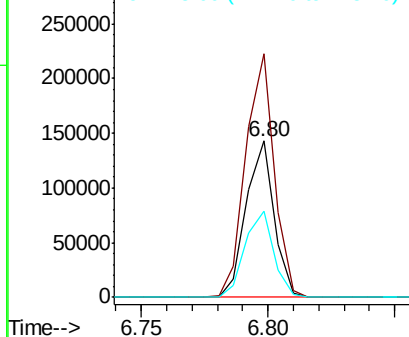


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

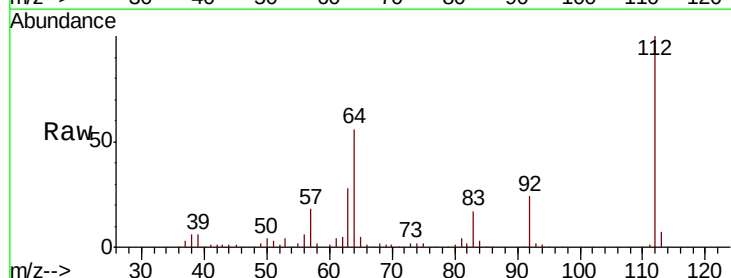
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 21.938 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.01 min
Lab File: BF120662.D
Acq: 19 Jun 2020 14:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.3	46.1	69.1
63	28.2	23.7	35.5

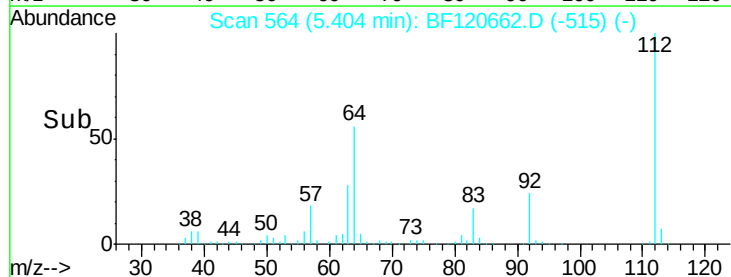
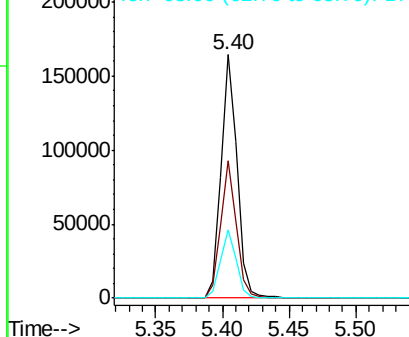


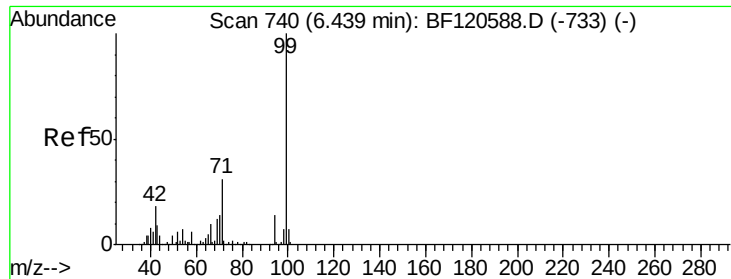
Abundance

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: 45.942 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF120662.D

Acq: 19 Jun 2020 14:30

Instrument :

BNA_F

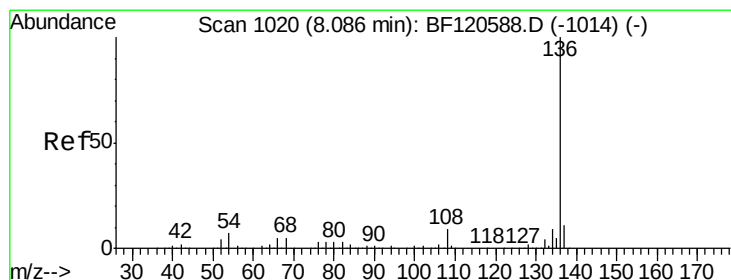
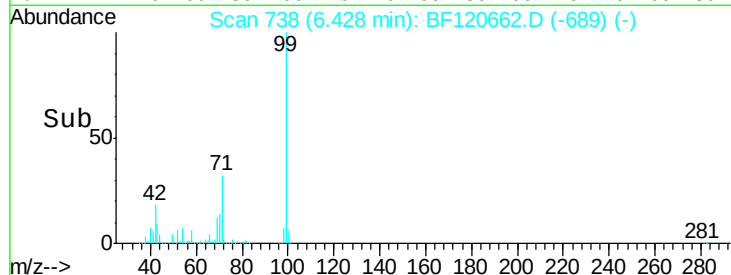
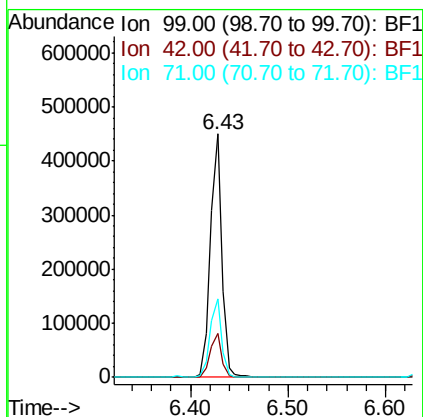
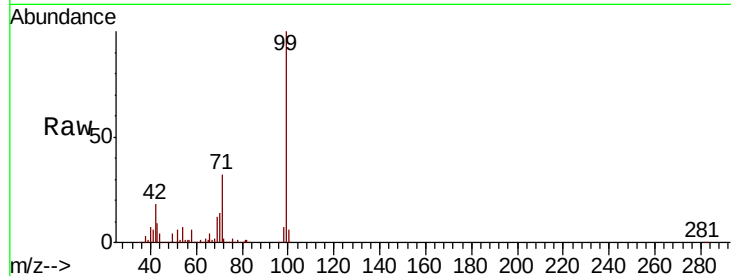
ClientSampleId :

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Tot Ion:	99	Resp:	368086
Ion	Ratio	Lower	Upper
99	100		
42	17.8	14.0	21.0
71	32.0	24.9	37.3

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#21

Naphthalene-d8

Concen: 20.000 ng

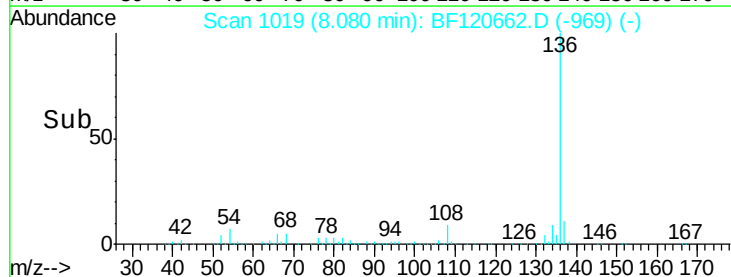
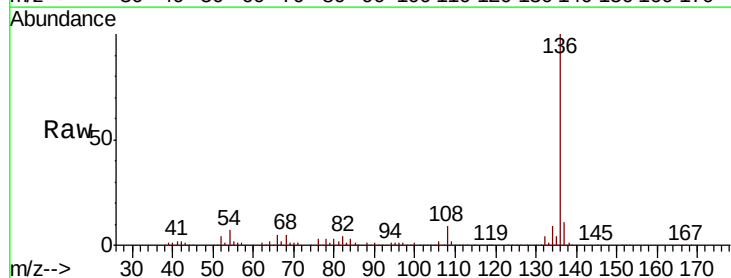
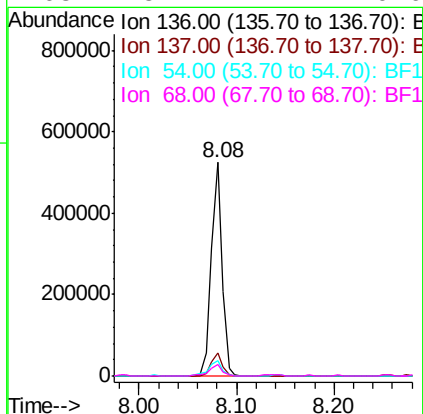
RT: 8.08 min Scan# 1019

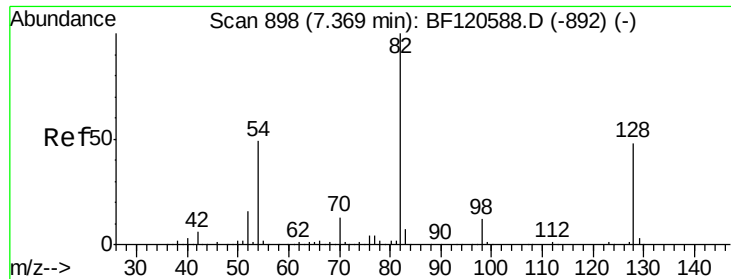
Delta R.T. -0.01 min

Lab File: BF120662.D

Acq: 19 Jun 2020 14:30

Tgt Ion:	136	Resp:	403283
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	7.3	5.8	8.6
68	5.2	4.4	6.6





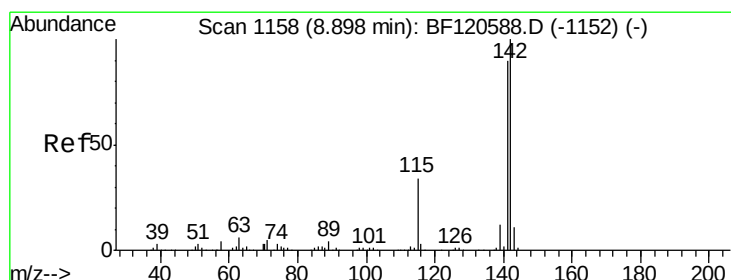
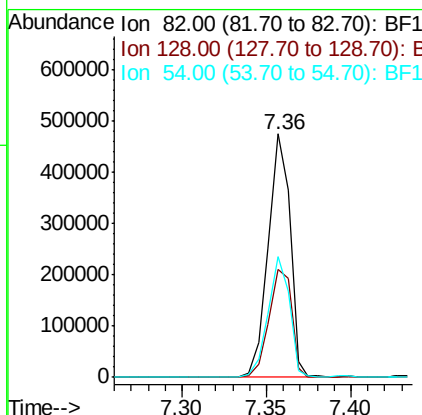
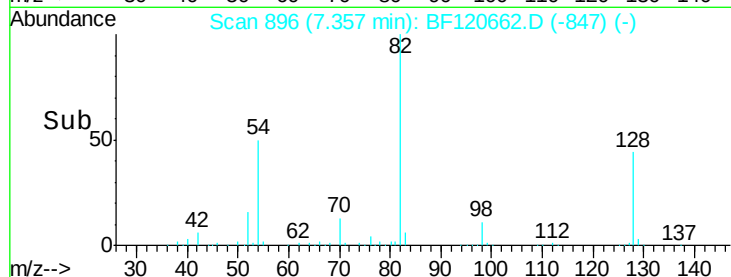
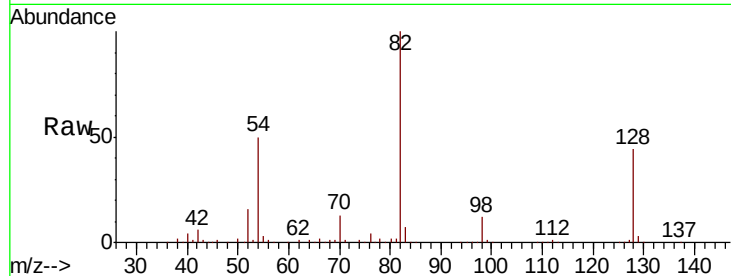
#23
 Nitrobenzene-d5
 Concen: 58.979 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF120662.D
 Acq: 19 Jun 2020 14:30

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion	82	Resp	425520
Ion Ratio	Lower	Upper	
82	100		
128	44.3	38.0	57.0
54	49.8	38.8	58.2

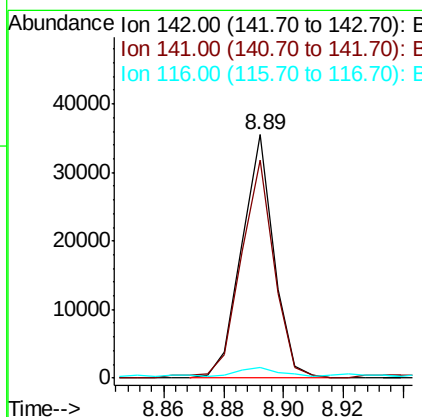
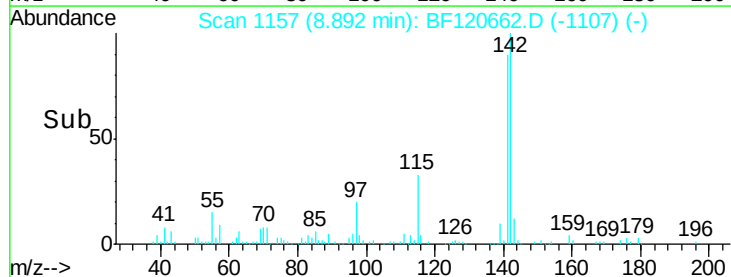
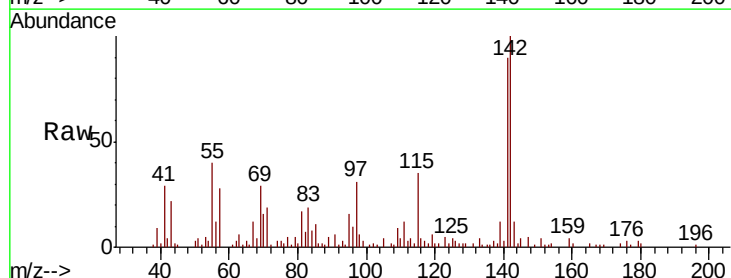
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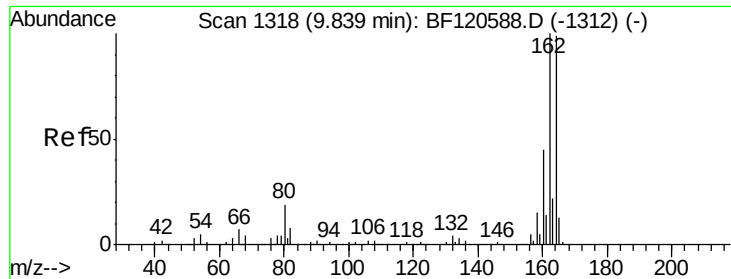
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#38
 1-Methylnaphthalene
 Concen: 2.168 ng m
 RT: 8.89 min Scan# 1157
 Delta R.T. -0.01 min
 Lab File: BF120662.D
 Acq: 19 Jun 2020 14:30

Tgt Ion	142	Resp	26376
Ion Ratio	Lower	Upper	
142	100		
141	89.5	72.1	108.1
116	4.1	2.7	4.1#





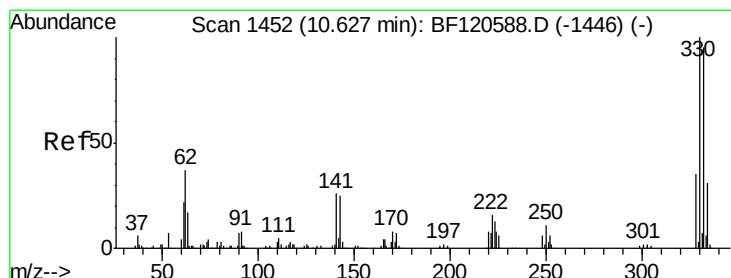
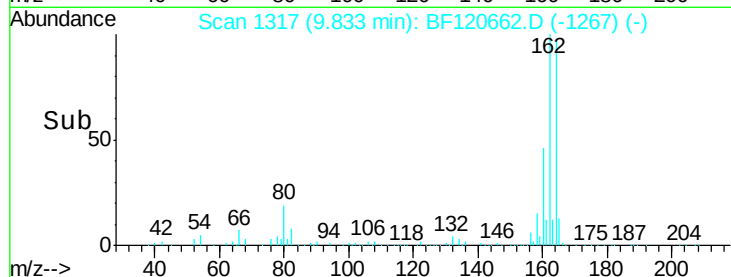
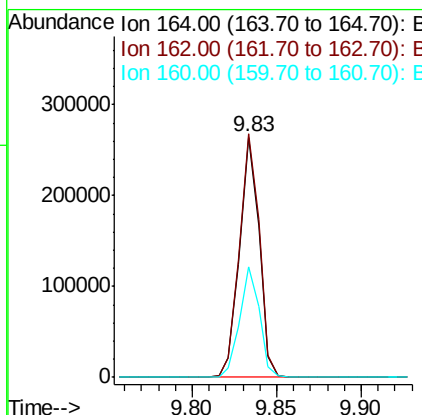
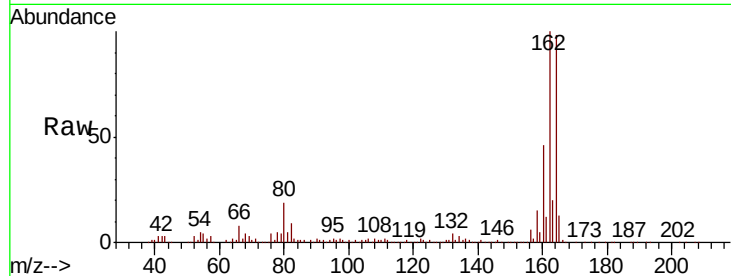
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF120662.D
Acq: 19 Jun 2020 14:30

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
164	100		
162	101.5	80.6	120.8
160	46.2	36.2	54.2

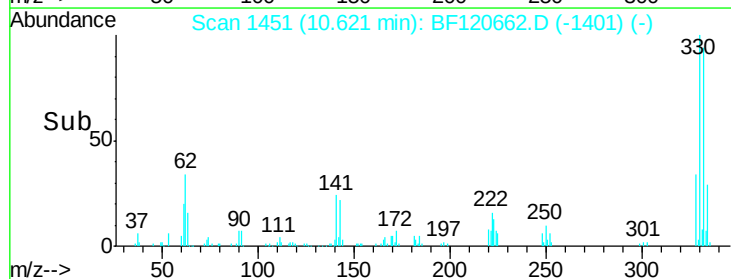
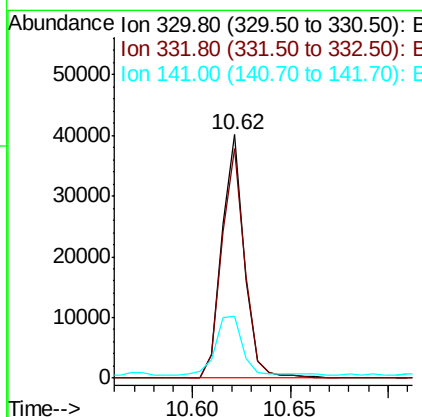
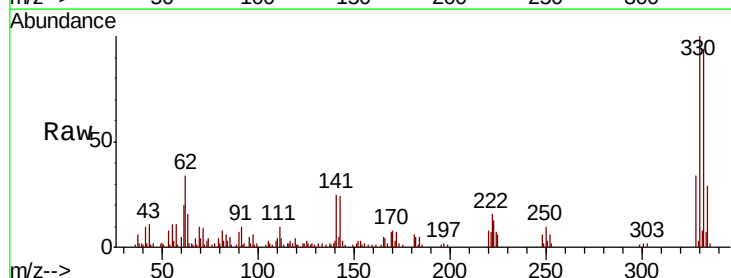
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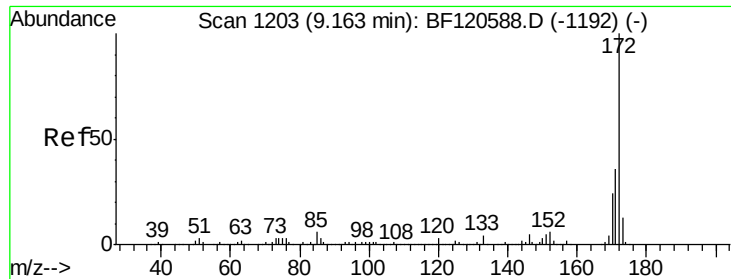
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#42
2,4,6-Tribromophenol
Concen: 12.900 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF120662.D
Acq: 19 Jun 2020 14:30

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.8	115.2
141	29.3	23.2	34.8





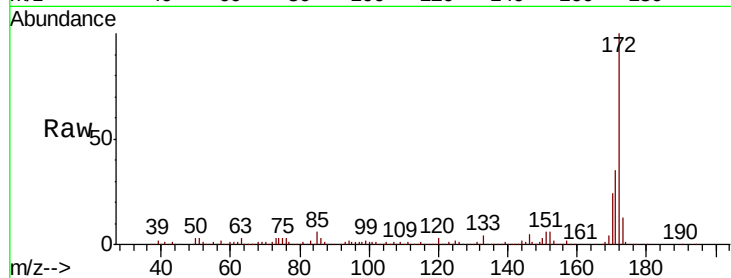
#45
2-Fluorobiphenyl
Concen: 62.568 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF120662.D
Acq: 19 Jun 2020 14:30

Instrument :
BNA_F
ClientSampled :
CENTER

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.5	29.0	43.4	
170	23.9	19.4	29.2	

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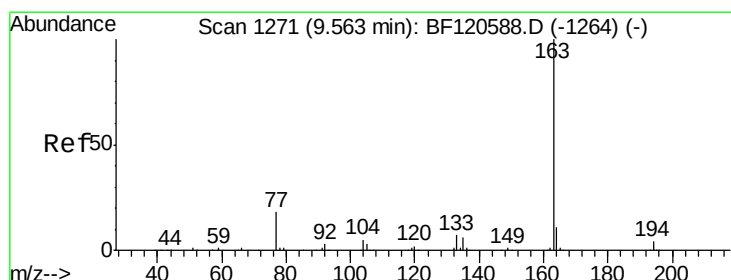
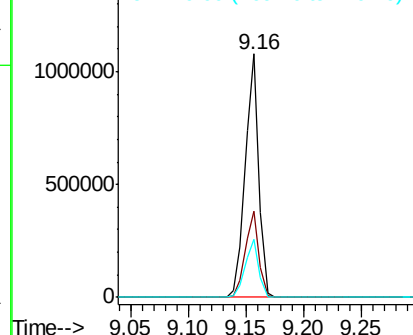
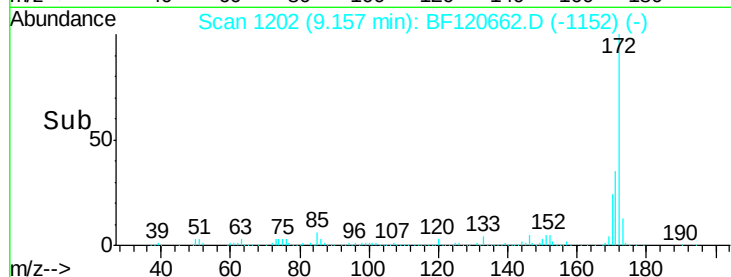


Abundance

Ion 172.00 (171.70 to 172.70): E

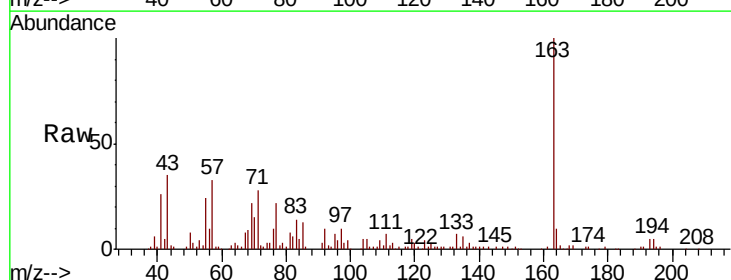
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 5.013 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.02 min
Lab File: BF120662.D
Acq: 19 Jun 2020 14:30

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.8	3.1	4.7#	
164	10.0	8.5	12.7	

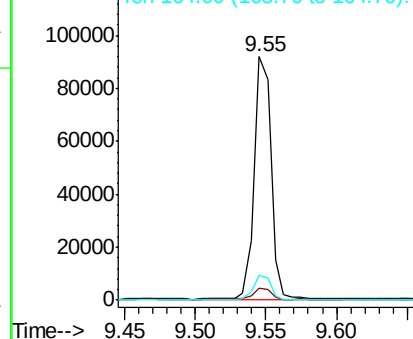
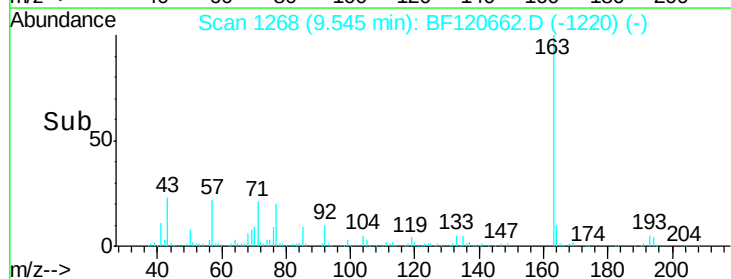


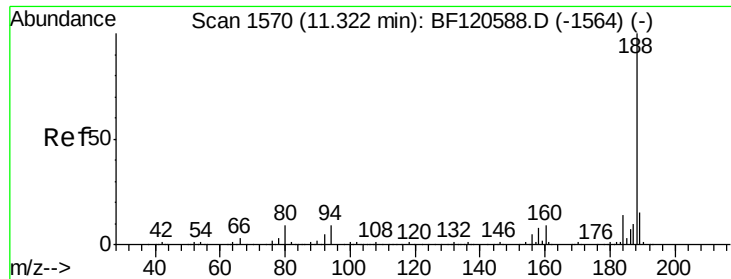
Abundance

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. 0.00 min

Lab File: BF120662.D

Acq: 19 Jun 2020 14:30

Instrument :

BNA_F

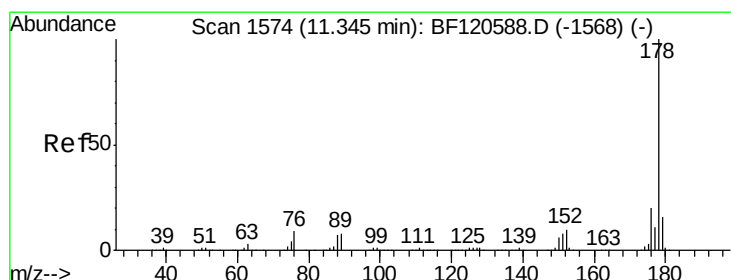
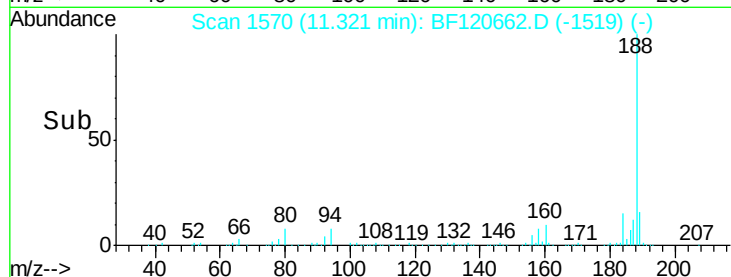
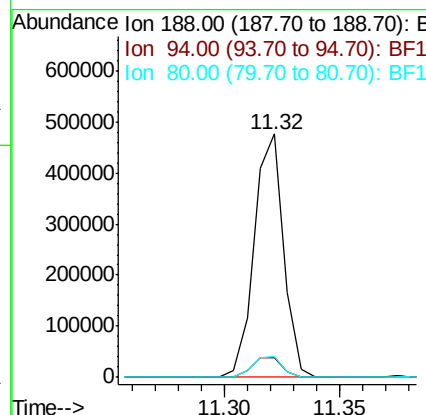
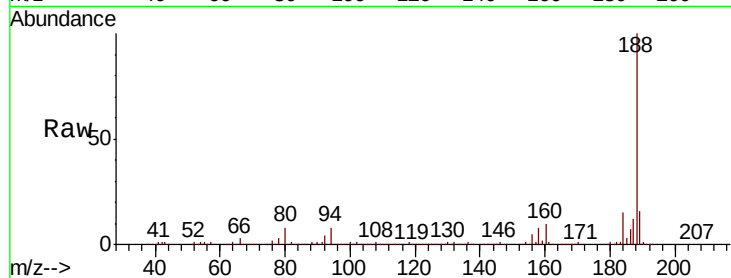
ClientSampleId :

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Tot Ion:	188	Resp:	422866
Ion Ratio	Lower	Upper	
188	100		
94	7.9	7.2	10.8
80	8.4	7.4	11.2

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#71

Phenanthrene

Concen: 3.418 ng

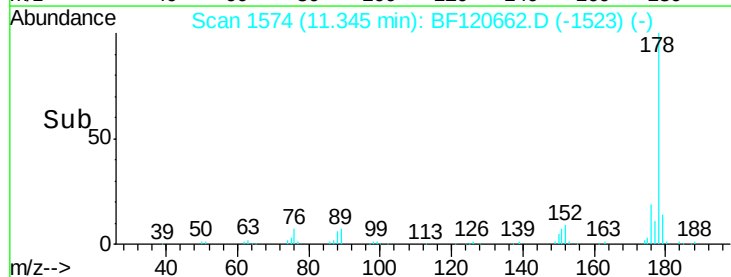
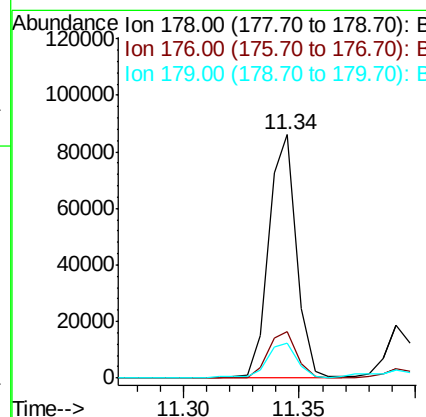
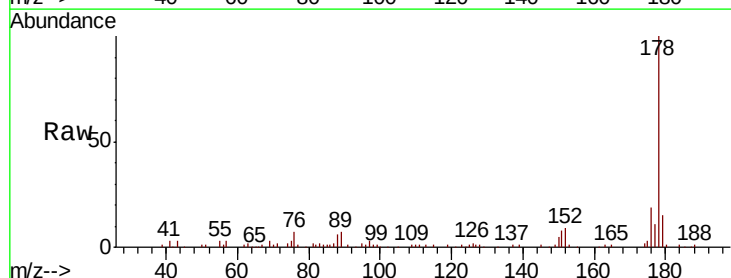
RT: 11.34 min Scan# 1574

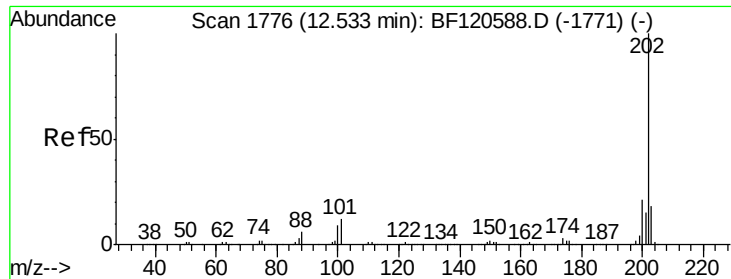
Delta R.T. 0.00 min

Lab File: BF120662.D

Acq: 19 Jun 2020 14:30

Tgt Ion:	178	Resp:	71842
Ion Ratio	Lower	Upper	
178	100		
176	19.0	15.9	23.9
179	14.6	12.8	19.2





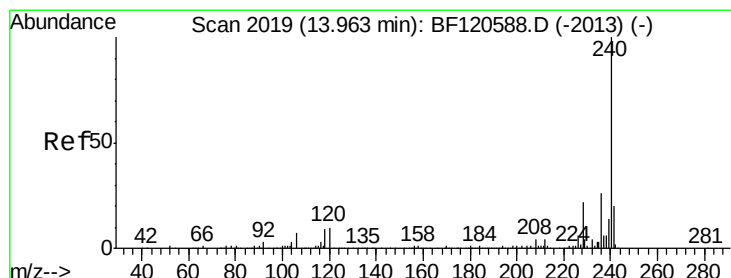
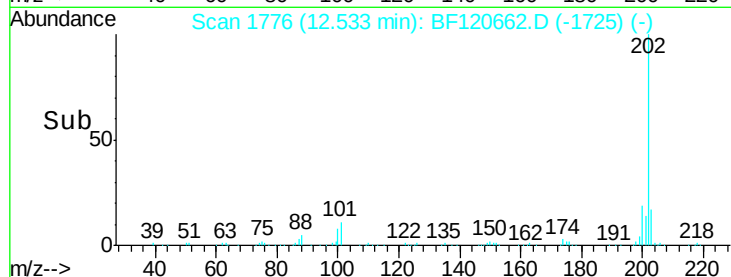
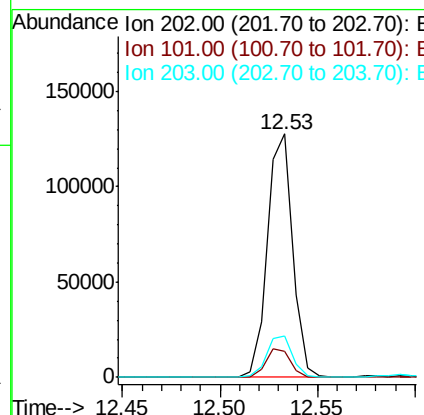
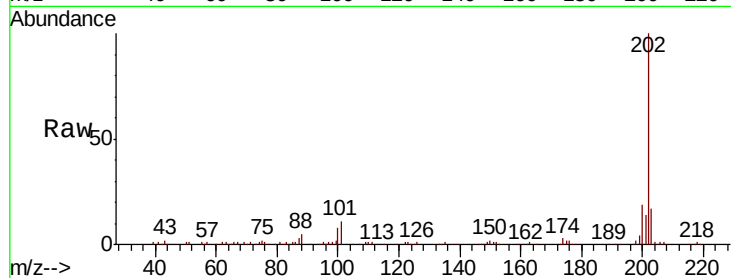
#75
Fluoranthene
Concen: 4.776 ng
RT: 12.53 min Scan# 1776
Delta R.T. 0.00 min
Lab File: BF120662.D
Acq: 19 Jun 2020 14:30

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.7	0.0	32.0
203	17.1	0.0	38.3

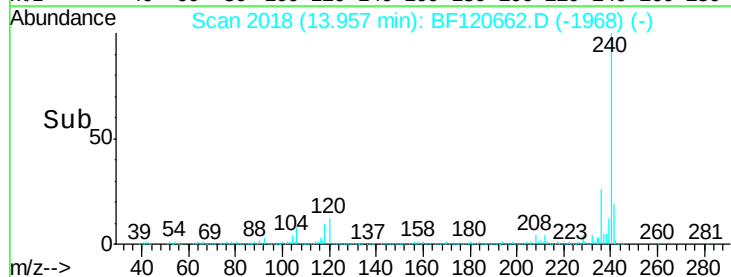
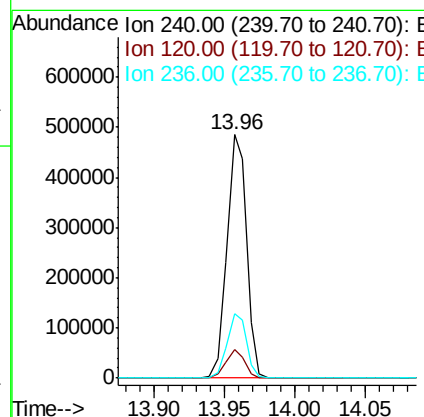
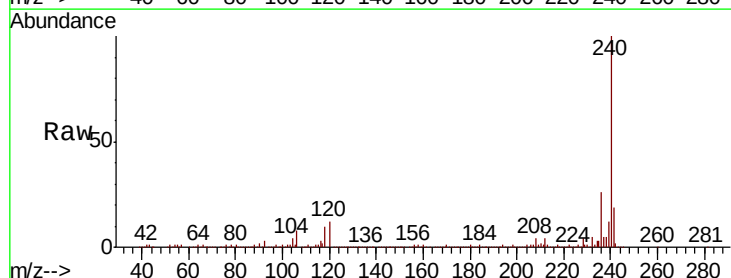
Manual Integrations
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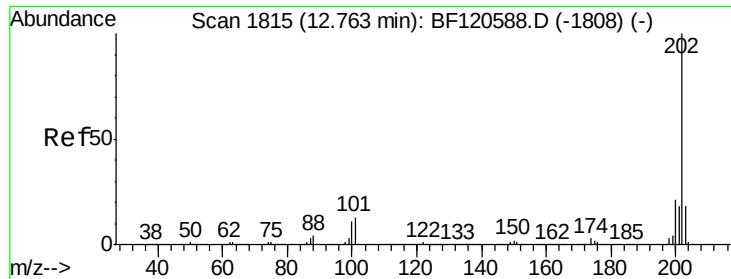
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF120662.D
Acq: 19 Jun 2020 14:30

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.7	8.3	12.5
236	26.5	21.0	31.4





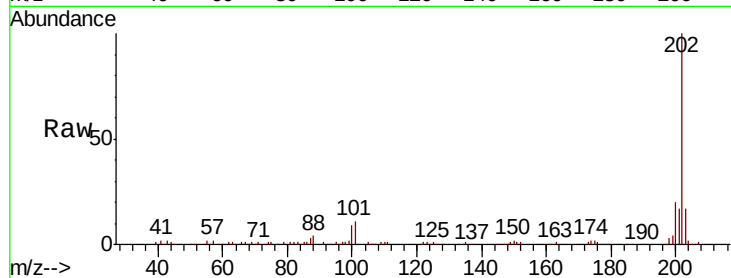
#78
Pvrene
Concen: 3.139 ng
RT: 12.76 min Scan# 1815
Delta R.T. 0.00 min
Lab File: BF120662.D
Acq: 19 Jun 2020 14:30

Instrument :
BNA_F
ClientSampled :
CENTER

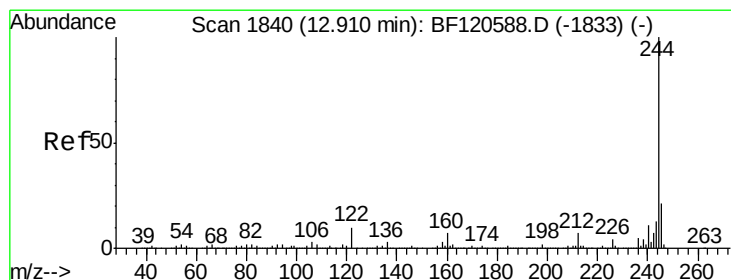
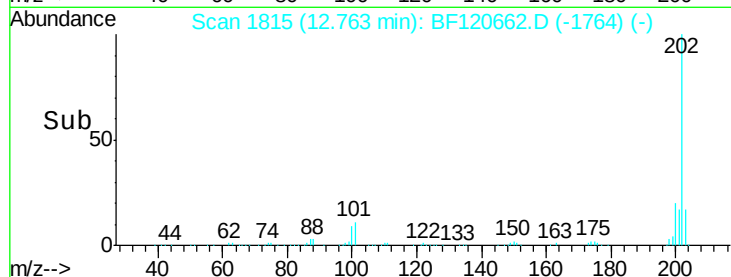
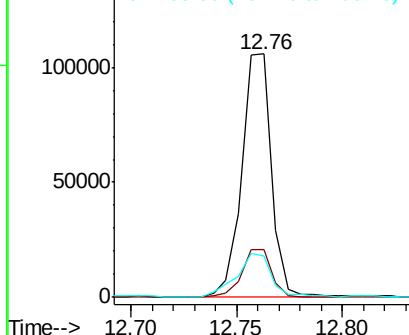
Tot Ion	Ratio	Lower	Upper
202	100		
200	19.6	16.8	25.2
203	17.1	14.3	21.5

Manual Integrations
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mohammad
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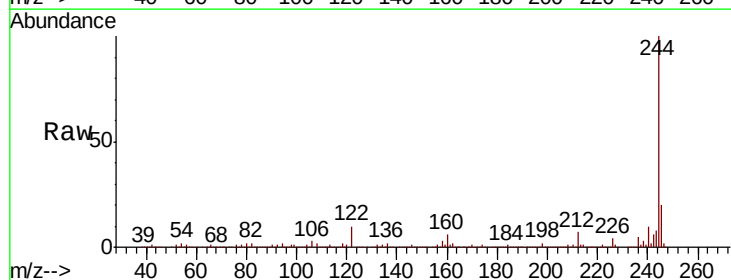


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

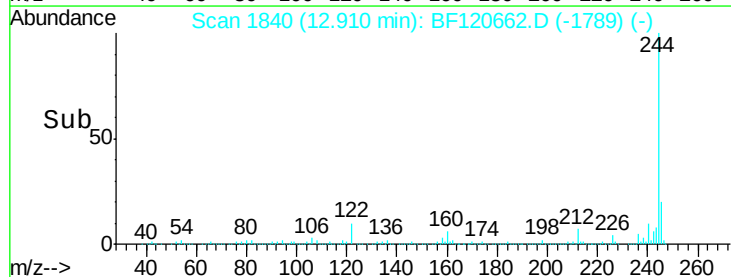
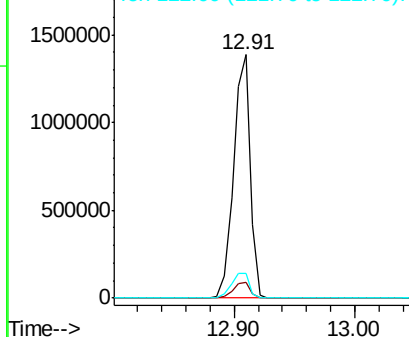


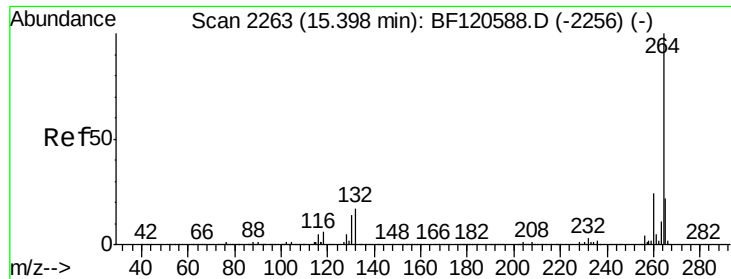
#79
Terphenyl-d14
Concen: 62.760 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.00 min
Lab File: BF120662.D
Acq: 19 Jun 2020 14:30

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.7	8.5
122	9.9	8.3	12.5



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





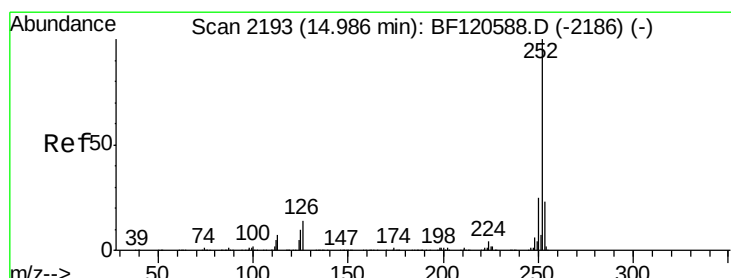
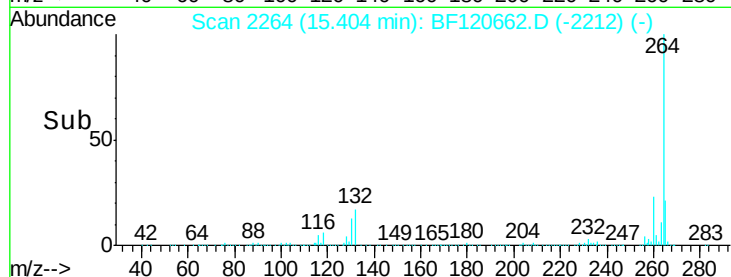
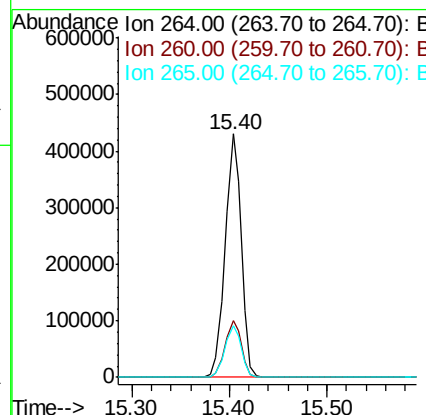
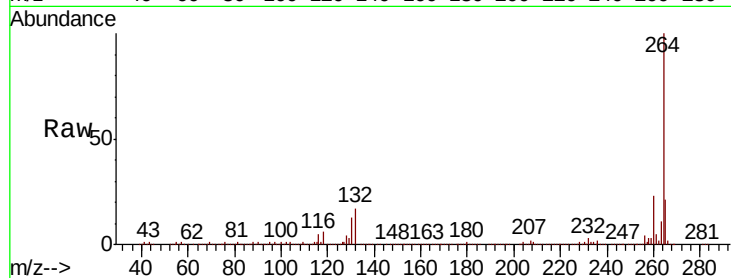
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2264
Delta R.T. 0.01 min
Lab File: BF120662.D
Acq: 19 Jun 2020 14:30

Instrument :
BNA_F
ClientSampleId :
CENTER

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.3	28.9
265	21.4	17.8	26.8

Manual Integrations
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mohammad
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#88
Benzo(b)fluoranthene
Concen: 2.067 ng m
RT: 14.99 min Scan# 2193
Delta R.T. 0.00 min
Lab File: BF120662.D
Acq: 19 Jun 2020 14:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	12.8	8.3	12.5#

