

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081720\
 Data File : BF121308.D
 Acq On : 17 Aug 2020 14:14
 Operator : JU/CG
 Sample : L3691-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S706-N-SO-0-0.5-081320

Manual Integrations
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Quant Time: Aug 17 17:12:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 10:52:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	81864	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	307992	20.00	ng	0.00
39) Acenaphthene-d10	9.74	164	166404	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	341769	20.00	ng	0.00
76) Chrysene-d12	13.86	240	328019	20.00	ng	0.00
86) Perylene-d12	15.27	264	318819	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	518923	96.10	ng	0.00
7) Phenol-d6	6.35	99	631564	90.76	ng	0.00
23) Nitrobenzene-d5	7.27	82	404581	71.79	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	203194	99.18	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	761761	63.32	ng	0.00
79) Terphenyl-d14	12.81	244	869775	51.69	ng	0.00
Target Compounds						
10) Phenol	6.36	94	18598	2.464	ng	77
50) Dimethylphthalate	9.46	163	125544	10.026	ng	99
71) Phenanthrene	11.25	178	62158	3.179	ng	98
75) Fluoranthene	12.43	202	124172	5.703	ng	99
78) Pyrene	12.66	202	102875	4.212	ng	99
81) Benzo(a)anthracene	13.84	228	53290	2.395	ng	98
83) Chrysene	13.88	228	56061	2.468	ng	95
88) Benzo(b)fluoranthene	14.87	252	74703m	3.497	ng	
90) Benzo(a)pyrene	15.20	252	44547	2.310	ng	97

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

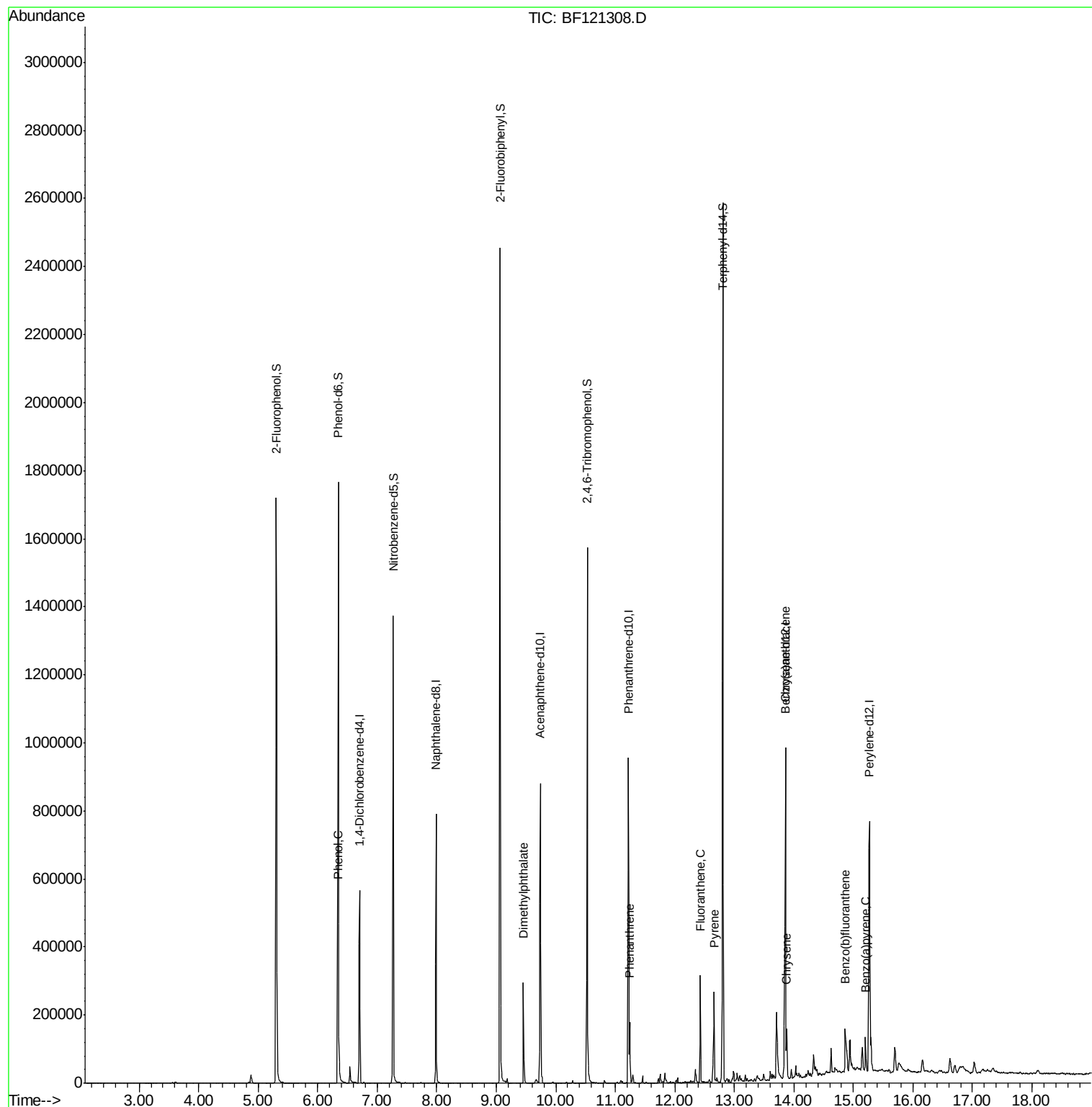
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081720\
Data File : BF121308.D
Acq On : 17 Aug 2020 14:14
Operator : JU/CG
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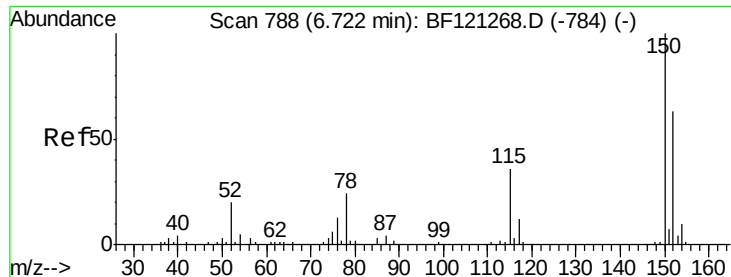
Instrument :
BNA_F
ClientSampleId :
S706-N-SO-0-0.5-081320

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081320.M
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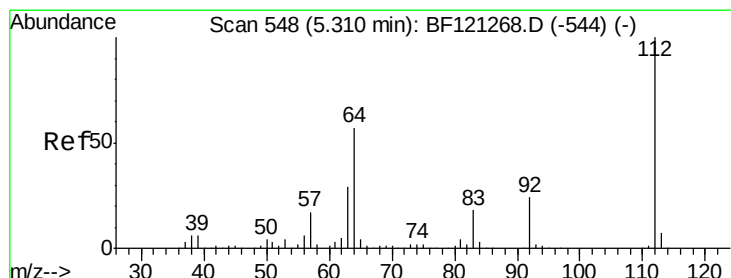
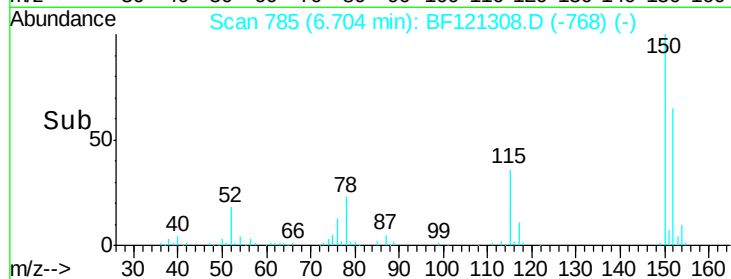
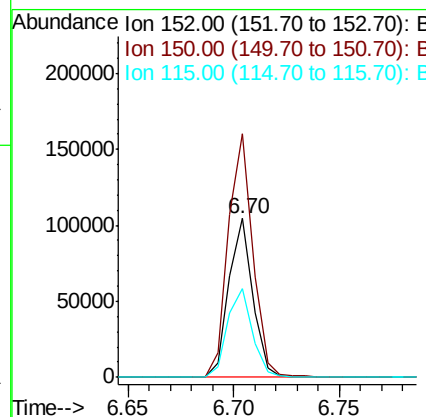
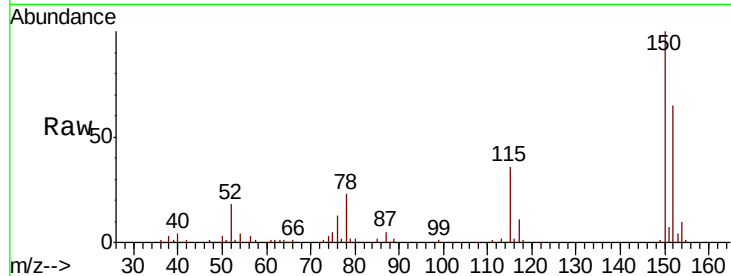
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: BF121308.D
 Acq: 17 Aug 2020 14:14

Instrument :
 BNA_F
 ClientSampleId :
 S706-N-SO-0-0.5-081320

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.6	123.9	185.9
115	55.8	47.3	70.9

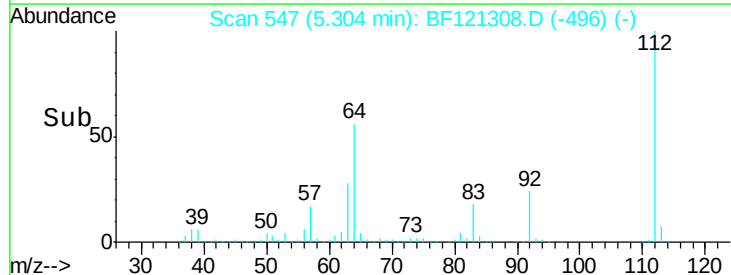
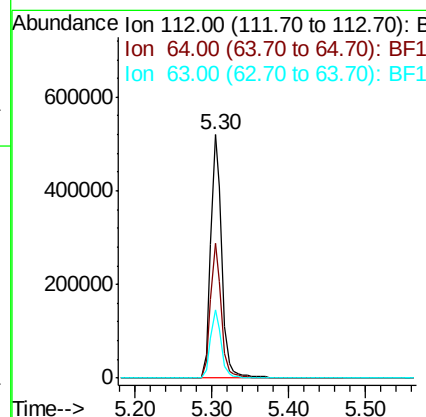
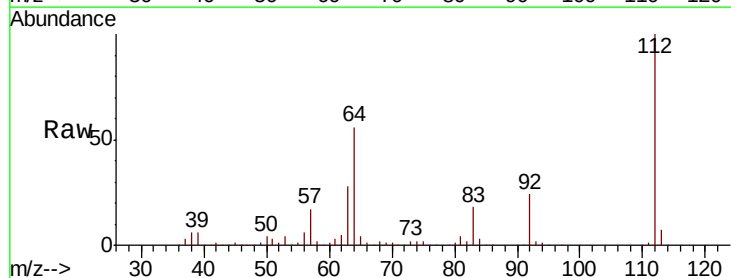
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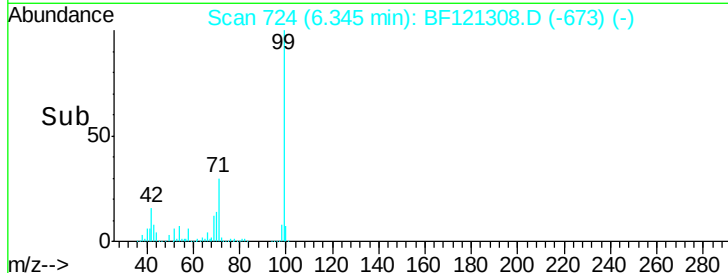
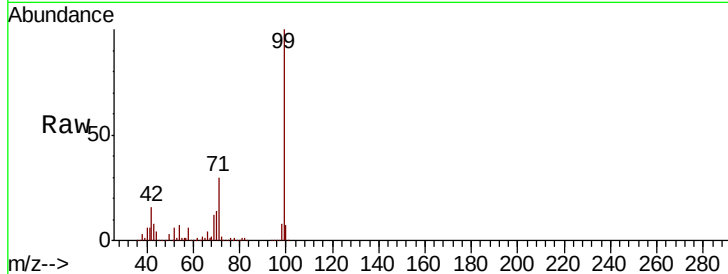
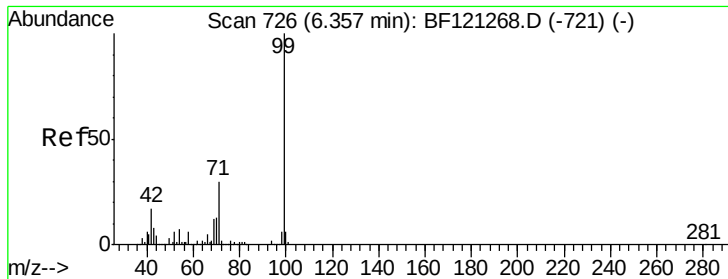
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#5
 2-Fluorophenol
 Concen: 96.101 ng
 RT: 5.30 min Scan# 547
 Delta R.T. 0.00 min
 Lab File: BF121308.D
 Acq: 17 Aug 2020 14:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.6	42.9	64.3
63	28.0	22.2	33.2





#7

Phenol-d6

Concen: 90.764 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF121308.D

Acq: 17 Aug 2020 14:14

Tot Ion:	99	Resp:	631564
Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.8	20.8
71	30.1	24.8	37.2

Instrument :

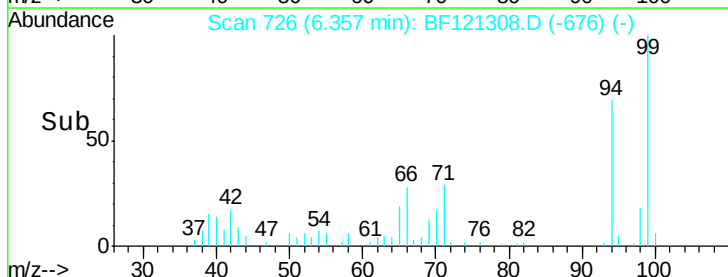
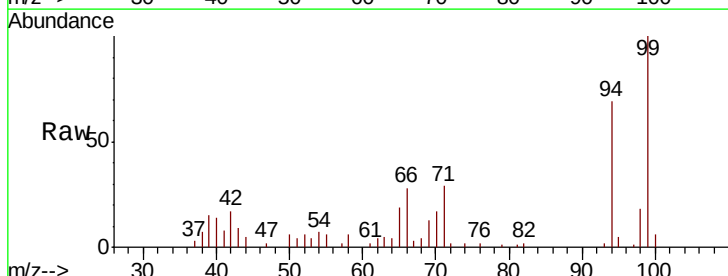
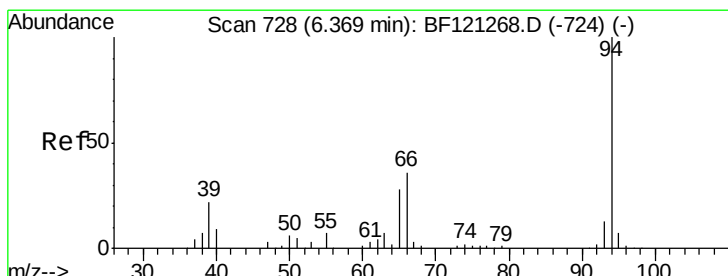
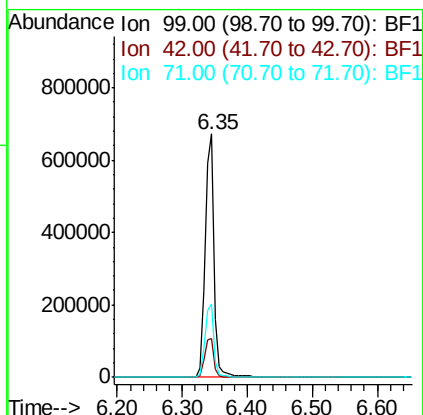
BNA_F

ClientSampleId :

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#10

Phenol

Concen: 2.464 ng

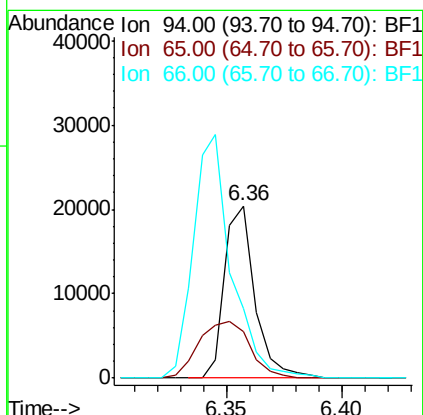
RT: 6.36 min Scan# 726

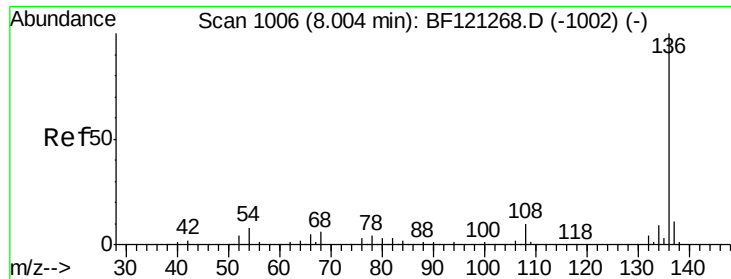
Delta R.T. -0.01 min

Lab File: BF121308.D

Acq: 17 Aug 2020 14:14

Tgt Ion:	94	Resp:	18598
Ion	Ratio	Lower	Upper
94	100		
65	27.3	19.2	59.2
66	40.4	39.6	79.6





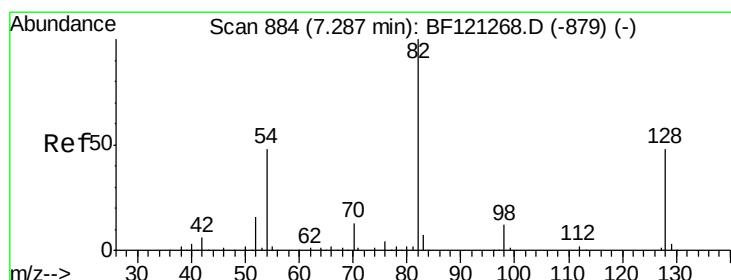
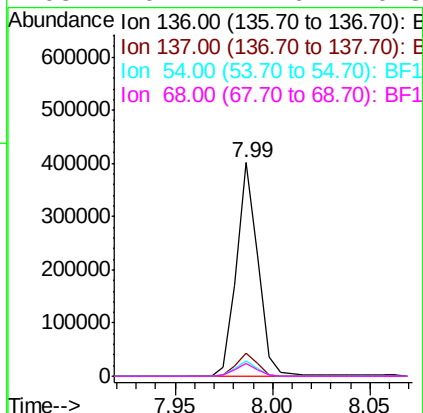
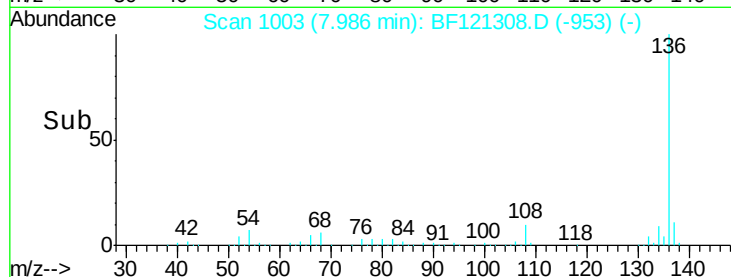
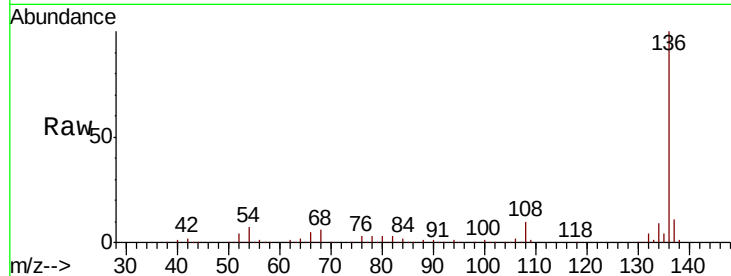
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF121308.D
Acq: 17 Aug 2020 14:14

Instrument :
BNA_F
ClientSampleId :
S706-N-SO-0-0.5-081320

Tot Ion	136	Resp	307992
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.6	13.0
54	7.4	5.4	8.2
68	6.1	4.6	6.8

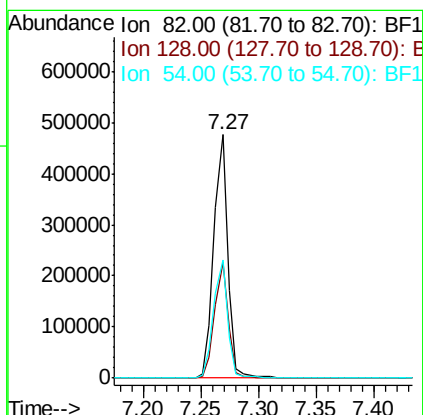
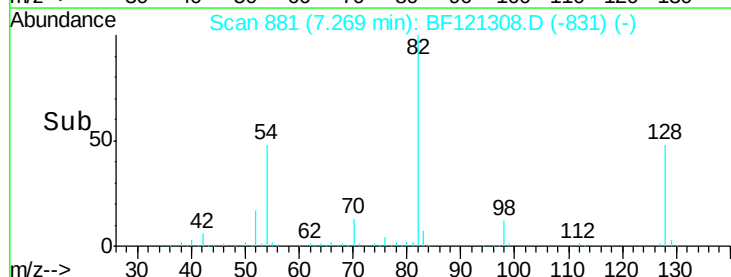
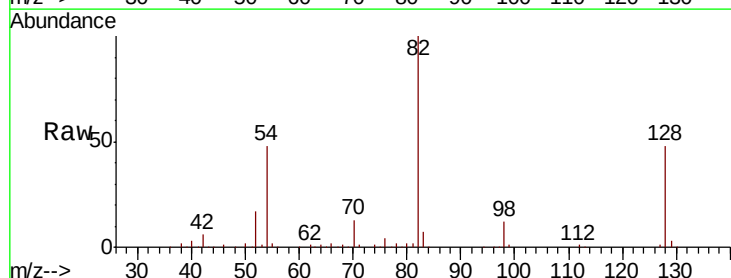
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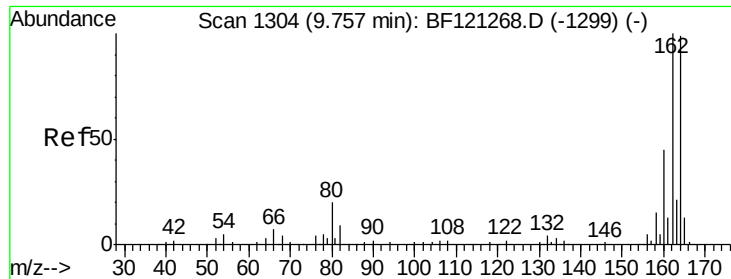
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#23
Nitrobenzene-d5
Concen: 71.793 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF121308.D
Acq: 17 Aug 2020 14:14

Tgt Ion	82	Resp	404581
Ion Ratio	Lower	Upper	
82	100		
128	47.6	38.2	57.2
54	48.5	38.2	57.4





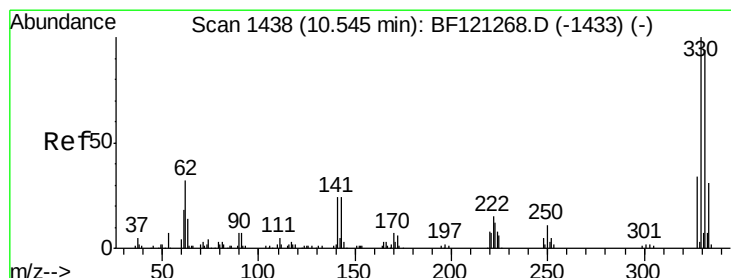
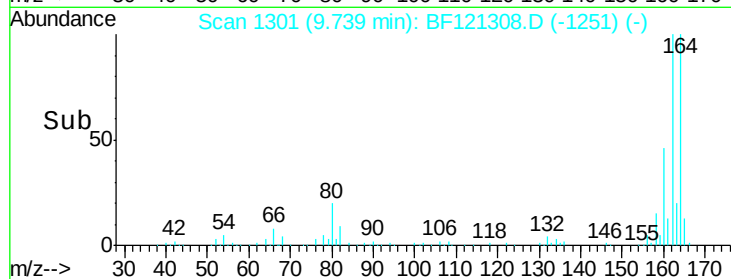
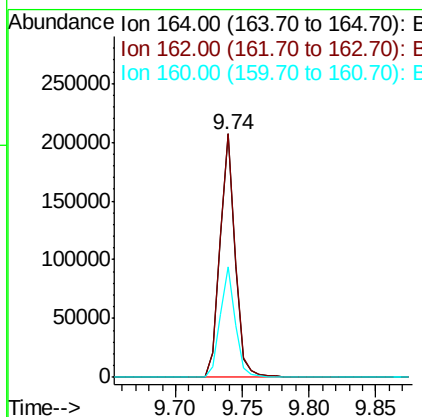
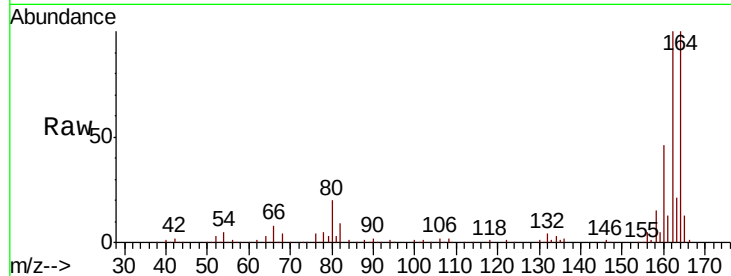
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF121308.D
Acq: 17 Aug 2020 14:14

Instrument :
BNA_F
ClientSampleId :
S706-N-SO-0-0.5-081320

Tot Ion:	164	Resp:	166404
Ion Ratio	Lower	Upper	
164	100		
162	99.8	80.2	120.2
160	45.6	36.5	54.7

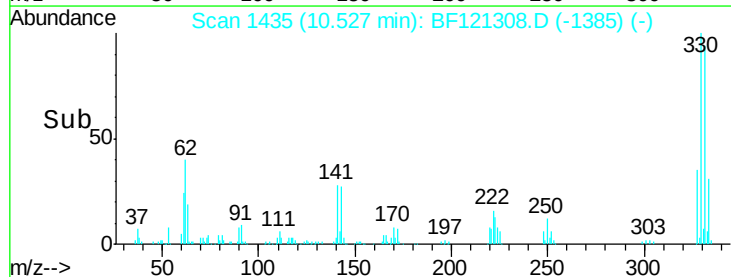
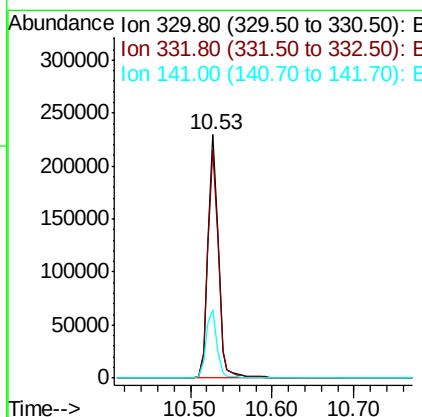
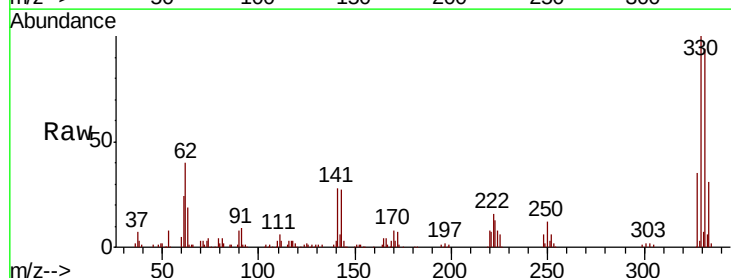
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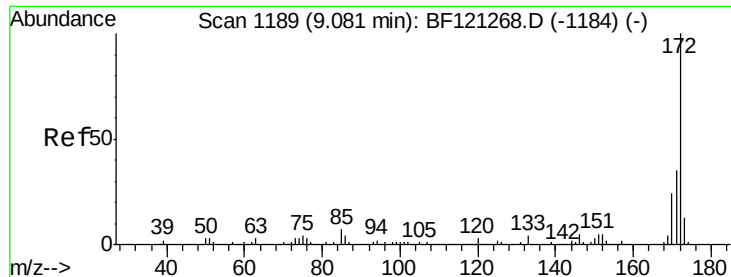
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#42
2,4,6-Tribromophenol
Concen: 99.179 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF121308.D
Acq: 17 Aug 2020 14:14

Tgt Ion:	330	Resp:	203194
Ion Ratio	Lower	Upper	
330	100		
332	95.2	77.4	116.0
141	29.6	24.2	36.4





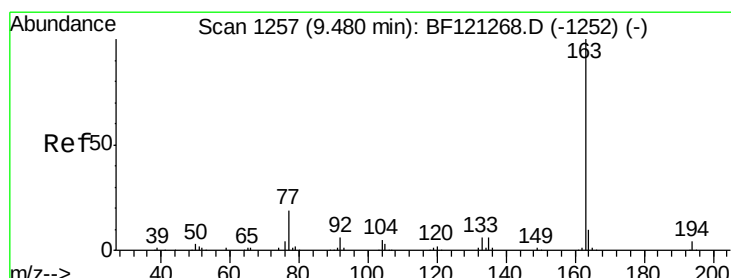
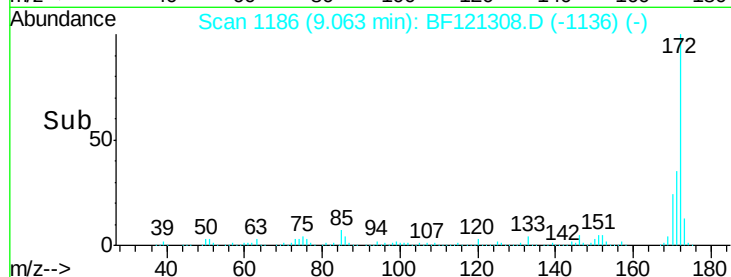
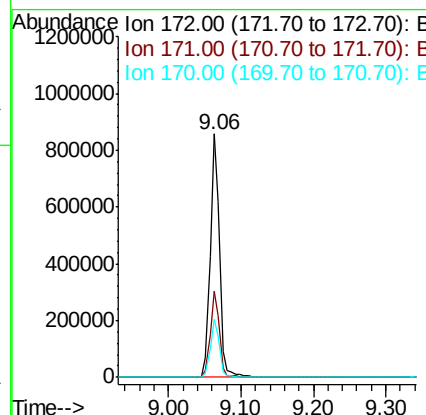
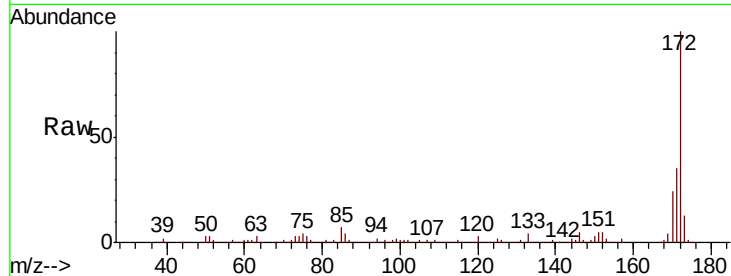
#45
2-Fluorobiphenyl
Concen: 63.324 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF121308.D
Acq: 17 Aug 2020 14:14

Instrument :
BNA_F
ClientSampleId :
S706-N-SO-0-0.5-081320

Tot Ion:	172	Resp:	761761
Ion Ratio	Lower	Upper	
172	100		
171	35.2	28.8	43.2
170	23.8	19.3	28.9

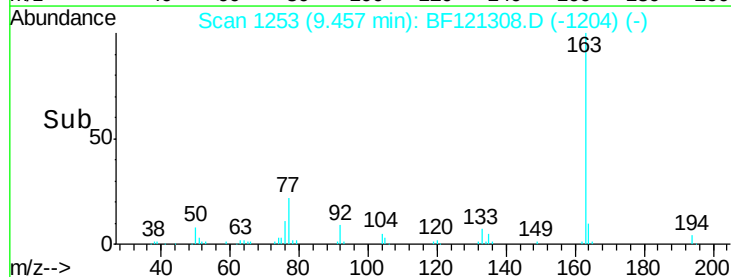
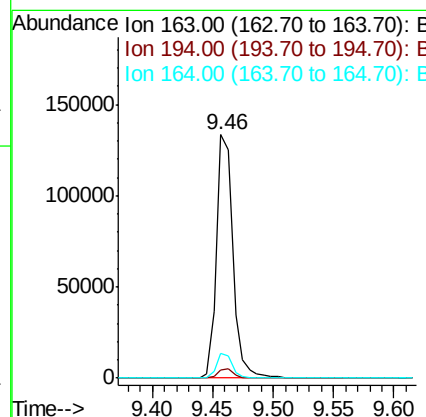
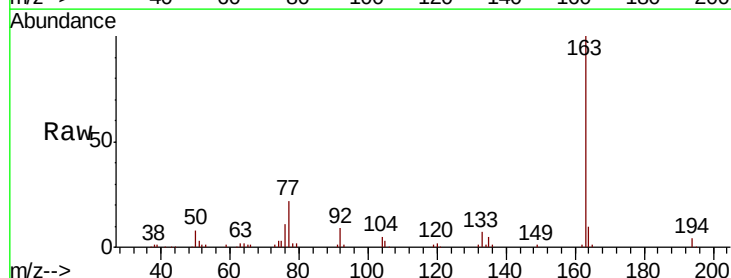
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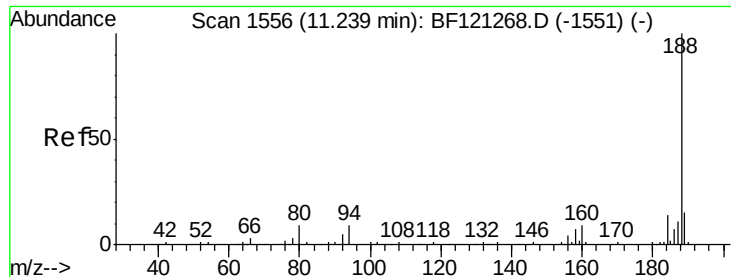
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#50
Dimethylphthalate
Concen: 10.026 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF121308.D
Acq: 17 Aug 2020 14:14

Tgt Ion:	163	Resp:	125544
Ion Ratio	Lower	Upper	
163	100		
194	3.5	2.9	4.3
164	10.3	8.4	12.6





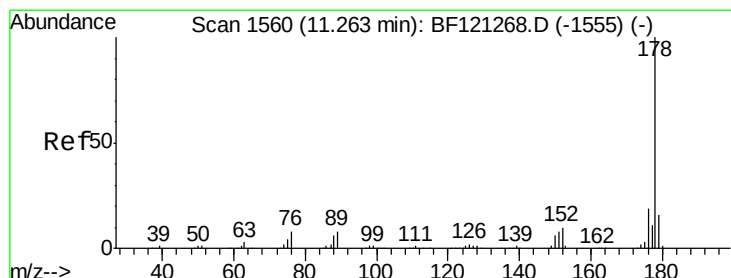
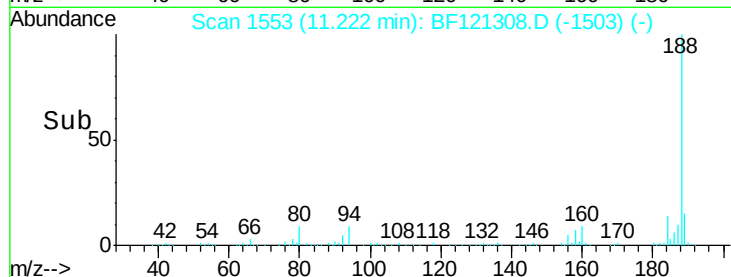
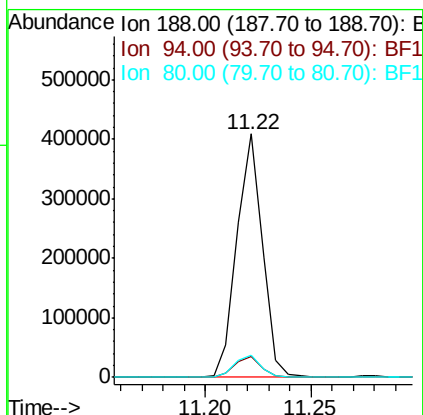
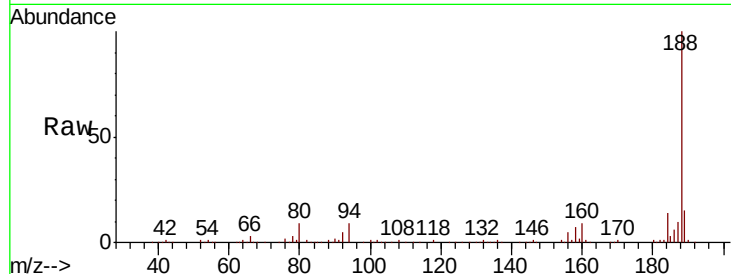
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1553
 Delta R.T. -0.01 min
 Lab File: BF121308.D
 Acq: 17 Aug 2020 14:14

Instrument :
 BNA_F
 ClientSampleId :
 S706-N-SO-0-0.5-081320

Tot Ion	Ratio	Resp	Lower	Upper
188	100	341769		
94	8.7		6.4	9.6
80	9.4		7.0	10.4

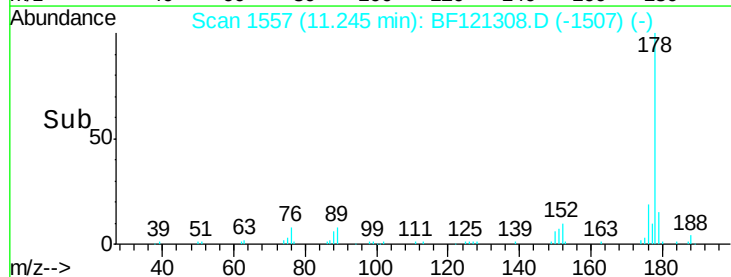
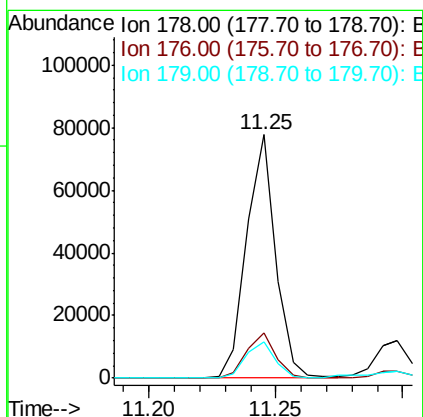
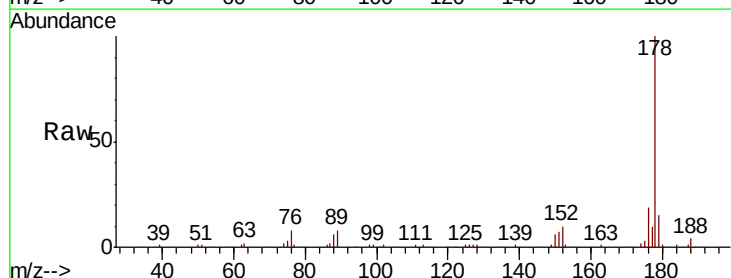
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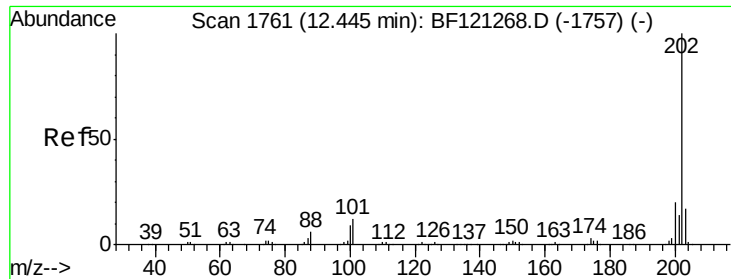
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#71
 Phenanthrene
 Concen: 3.179 ng
 RT: 11.25 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BF121308.D
 Acq: 17 Aug 2020 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	62158		
176	18.5		15.6	23.4
179	14.9		12.3	18.5





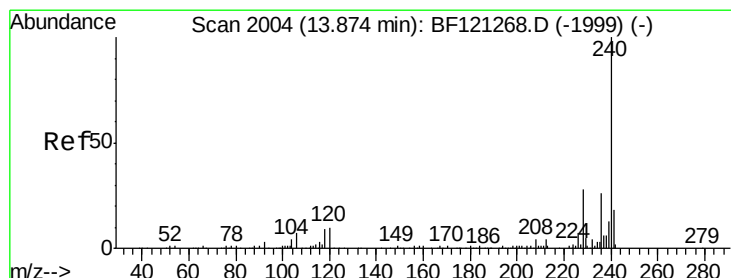
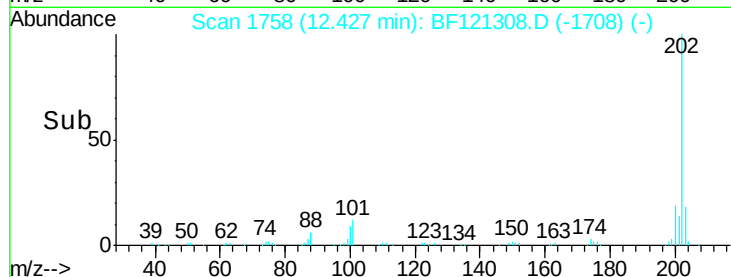
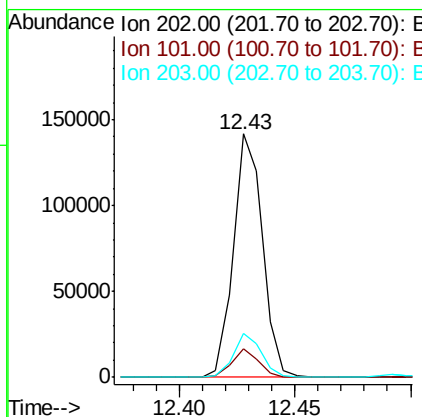
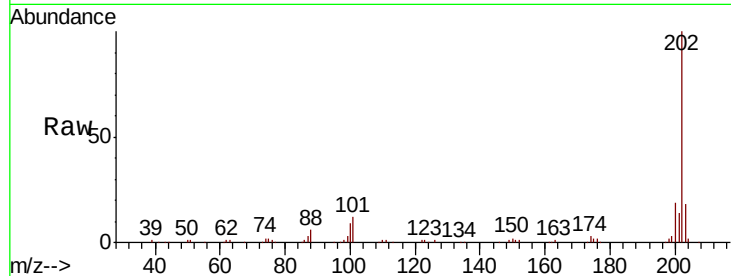
#75
 Fluoranthene
 Concen: 5.703 ng
 RT: 12.43 min Scan# 1758
 Delta R.T. -0.01 min
 Lab File: BF121308.D
 Acq: 17 Aug 2020 14:14

Instrument :
 BNA_F
 ClientSampleId :
 S706-N-SO-0-0.5-081320

Tot Ion	Ratio	Resp	Lower	Upper
202	100	124172		
101	11.9	0.0	32.2	
203	17.9	0.0	38.2	

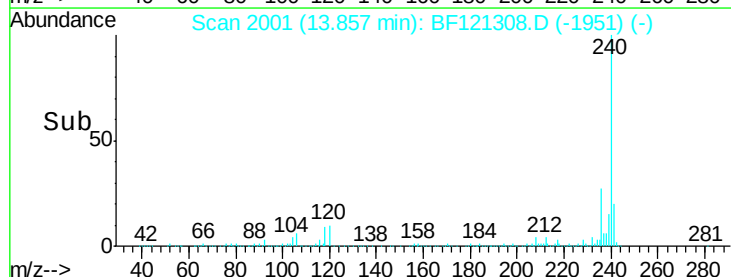
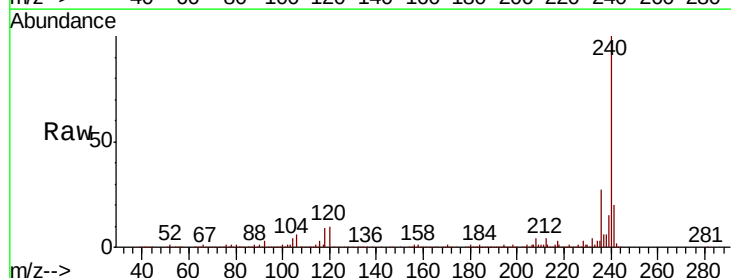
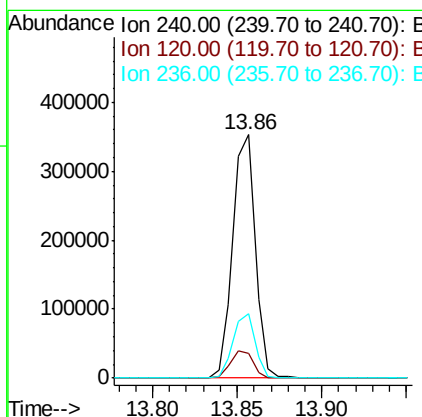
Manual Integrations
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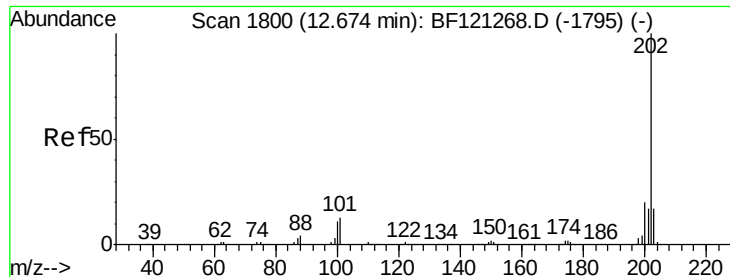
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BF121308.D
 Acq: 17 Aug 2020 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	328019		
120	10.0	8.3	12.5	
236	26.7	21.2	31.8	





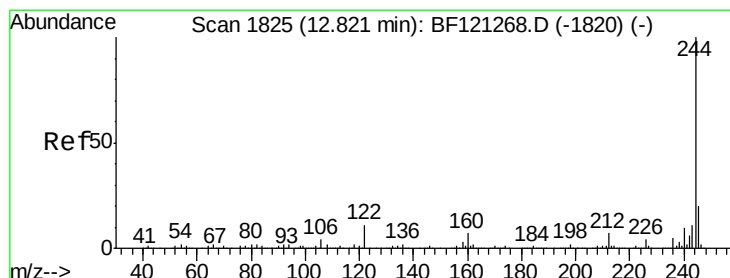
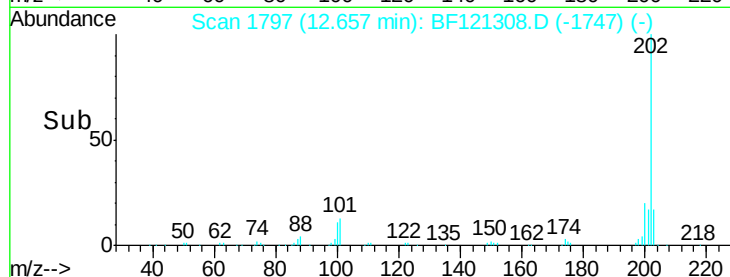
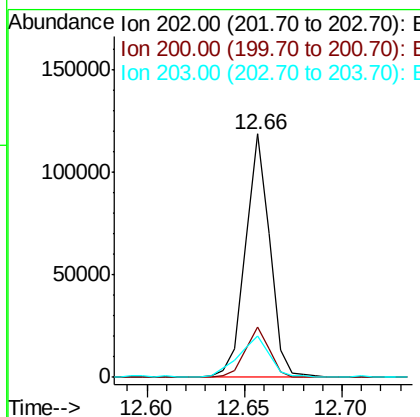
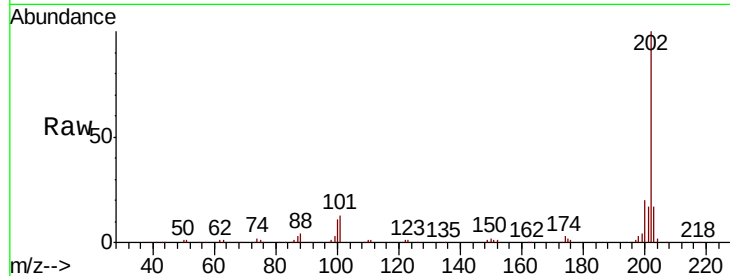
#78
Pvrene
Concen: 4.212 ng
RT: 12.66 min Scan# 1797
Delta R.T. -0.01 min
Lab File: BF121308.D
Acq: 17 Aug 2020 14:14

Instrument :
BNA_F
ClientSampleId :
S706-N-SO-0-0.5-081320

Tot Ion	Ratio	Resp	Lower	Upper
202	100	102875		
200	20.4		16.4	24.6
203	17.2		14.2	21.4

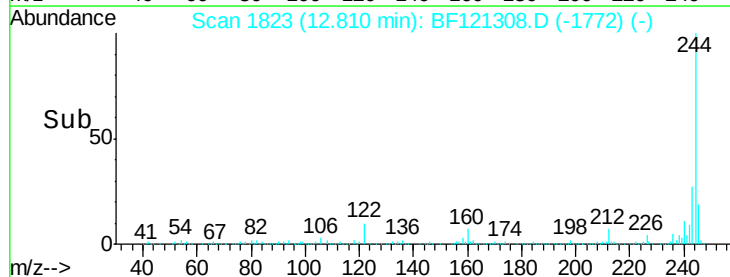
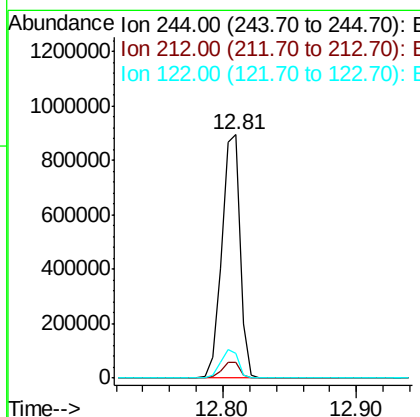
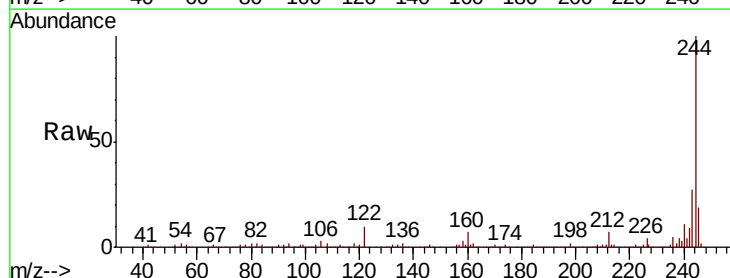
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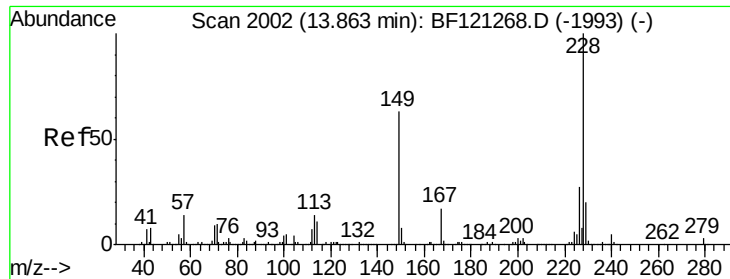
mohammad
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#79
Terphenyl-d14
Concen: 51.689 ng
RT: 12.81 min Scan# 1823
Delta R.T. 0.00 min
Lab File: BF121308.D
Acq: 17 Aug 2020 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	869775		
212	6.7		5.4	8.0
122	10.0		9.0	13.6





#81

Benzo(a)anthracene

Concen: 2.395 ng

RT: 13.84 min Scan# 1999

Delta R.T. -0.01 min

Lab File: BF121308.D

Acq: 17 Aug 2020 14:14

Instrument :

BNA_F

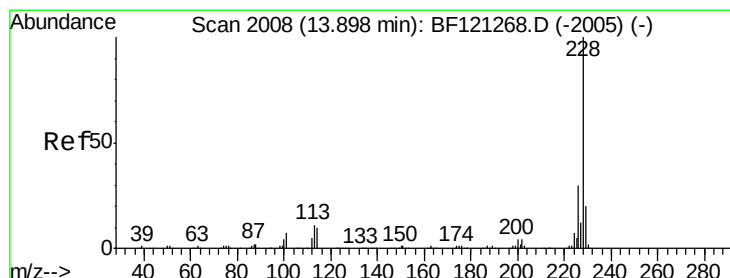
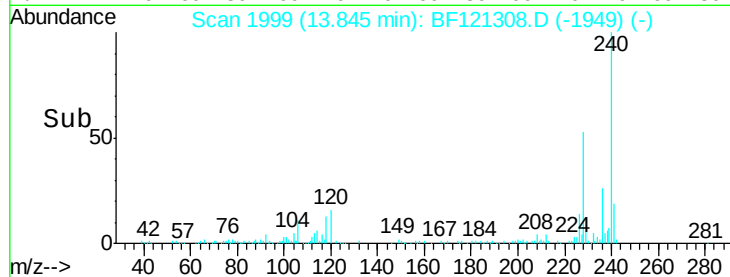
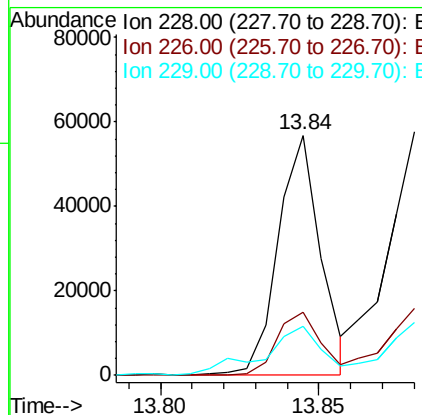
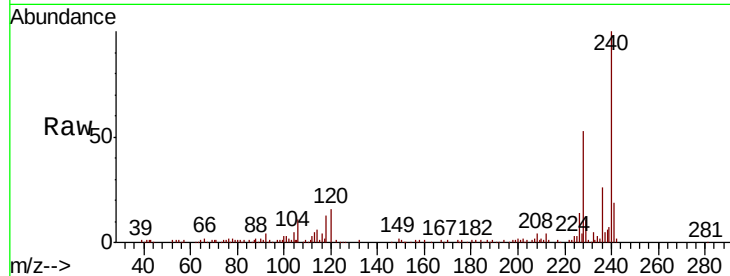
ClientSampleId :

S706-N-SO-0-0.5-081320

Tot Ion:	228	Resp:	53290
Ion Ratio	Lower	Upper	
228	100		
226	26.5	22.0	33.0
229	20.4	15.8	23.6

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#83

Chrysene

Concen: 2.468 ng

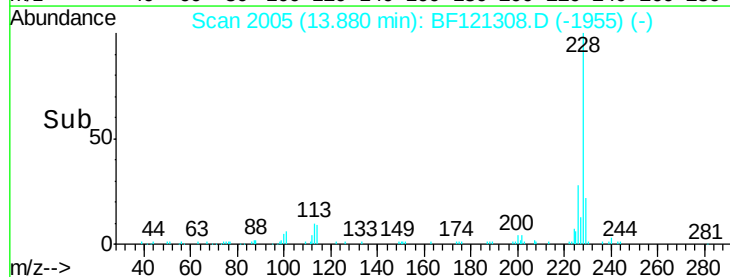
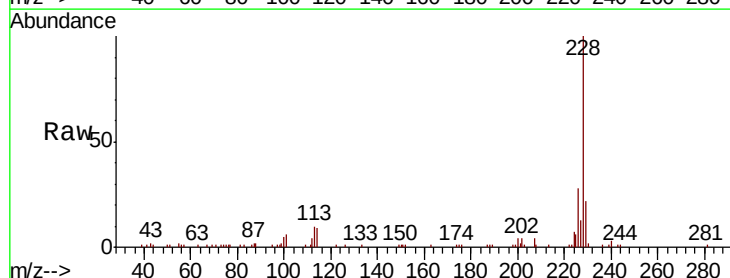
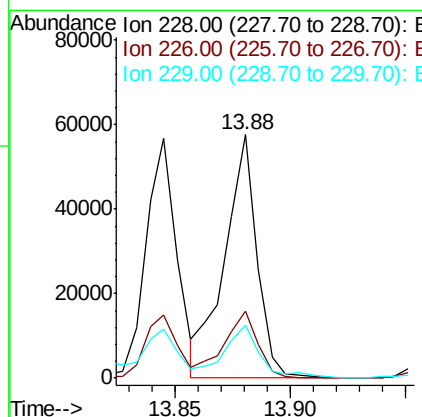
RT: 13.88 min Scan# 2005

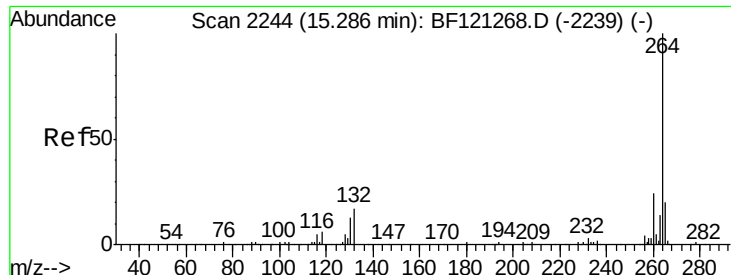
Delta R.T. -0.01 min

Lab File: BF121308.D

Acq: 17 Aug 2020 14:14

Tgt Ion:	228	Resp:	56061
Ion Ratio	Lower	Upper	
228	100		
226	27.6	25.3	37.9
229	21.5	16.3	24.5





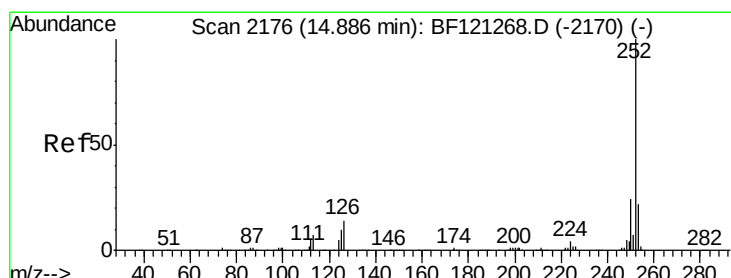
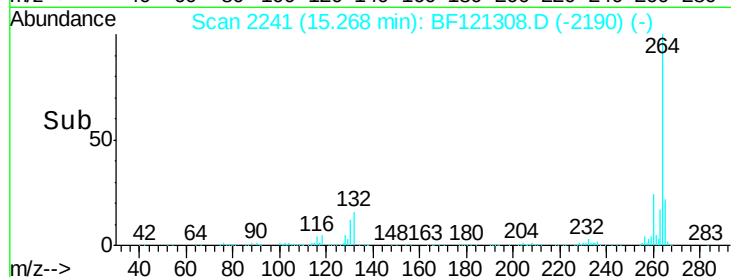
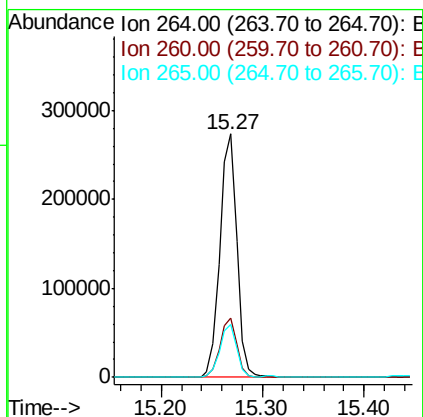
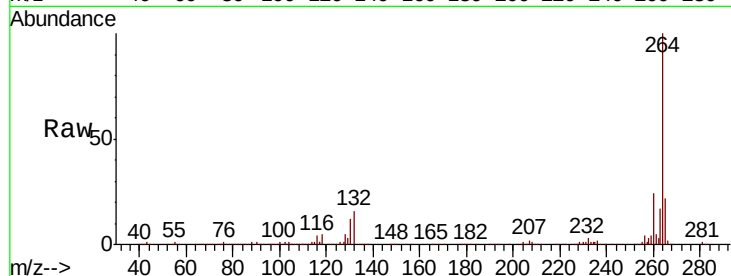
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. 0.00 min
Lab File: BF121308.D
Acq: 17 Aug 2020 14:14

Instrument :
BNA_F
ClientSampleId :
S706-N-SO-0-0.5-081320

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.1	28.7
265	21.5	17.1	25.7

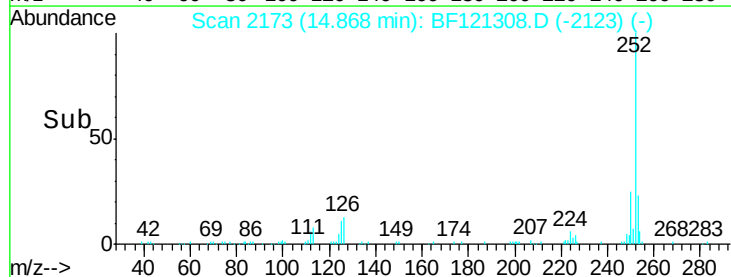
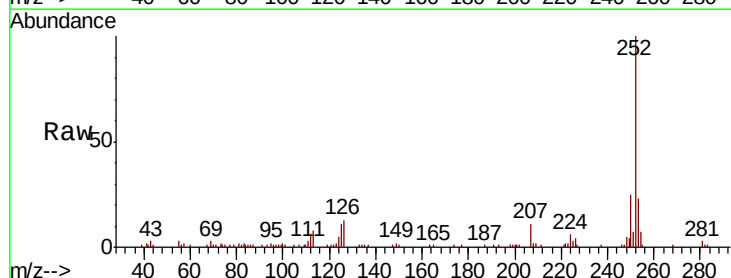
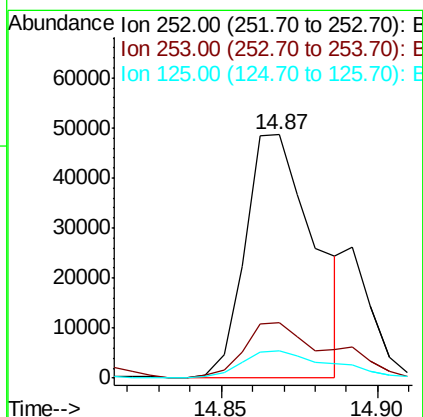
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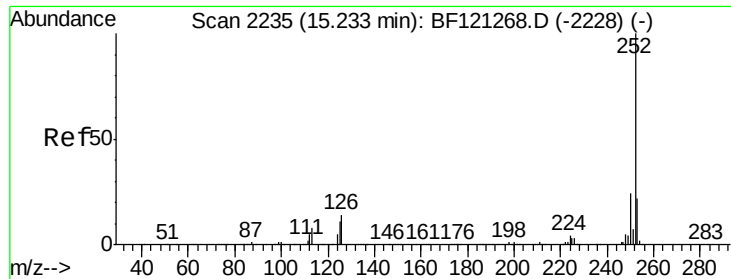
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#88
Benzo(b)fluoranthene
Concen: 3.497 ng m
RT: 14.87 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BF121308.D
Acq: 17 Aug 2020 14:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.6	26.4
125	11.2	7.5	11.3





#90
 Benzo(a)pyrene
 Concen: 2.310 ng
 RT: 15.20 min Scan# 2230
 Delta R.T. -0.01 min
 Lab File: BF121308.D
 Acq: 17 Aug 2020 14:14

Instrument :
 BNA_F
 ClientSampleId :
 S706-N-SO-0-0.5-081320

Tot Ion:	252	Resp:	44547
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.4	26.2
125	11.7	8.7	13.1

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