

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100720\
 Data File : BF121879.D
 Acq On : 7 Oct 2020 18:00
 Operator : JU/CG
 Sample : L4221-06 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-100620

Manual Integrations
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Quant Time: Oct 08 00:50:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 01 14:29:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	124729	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	475625	20.00	ng	-0.01
39) Acenaphthene-d10	9.80	164	214231	20.00	ng	-0.01
64) Phenanthrene-d10	11.29	188	339656	20.00	ng	0.00
76) Chrysene-d12	13.93	240	282614	20.00	ng	0.00
86) Perylene-d12	15.37	264	225636	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	109138	13.00	ng	0.00
7) Phenol-d6	6.41	99	145367	13.20	ng	0.00
23) Nitrobenzene-d5	7.33	82	93012	10.50	ng	-0.01
42) 2,4,6-Tribromophenol	10.59	330	23155	8.70	ng	-0.01
45) 2-Fluorobiphenyl	9.12	172	189458	13.39	ng	-0.01
79) Terphenyl-d14	12.87	244	150909	10.82	ng	-0.01
Target Compounds						
75) Fluoranthene	12.50	202	39707	2.010	ng	Qvalue 99
88) Benzo(b)fluoranthene	14.96	252	39945m	2.648	ng	

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

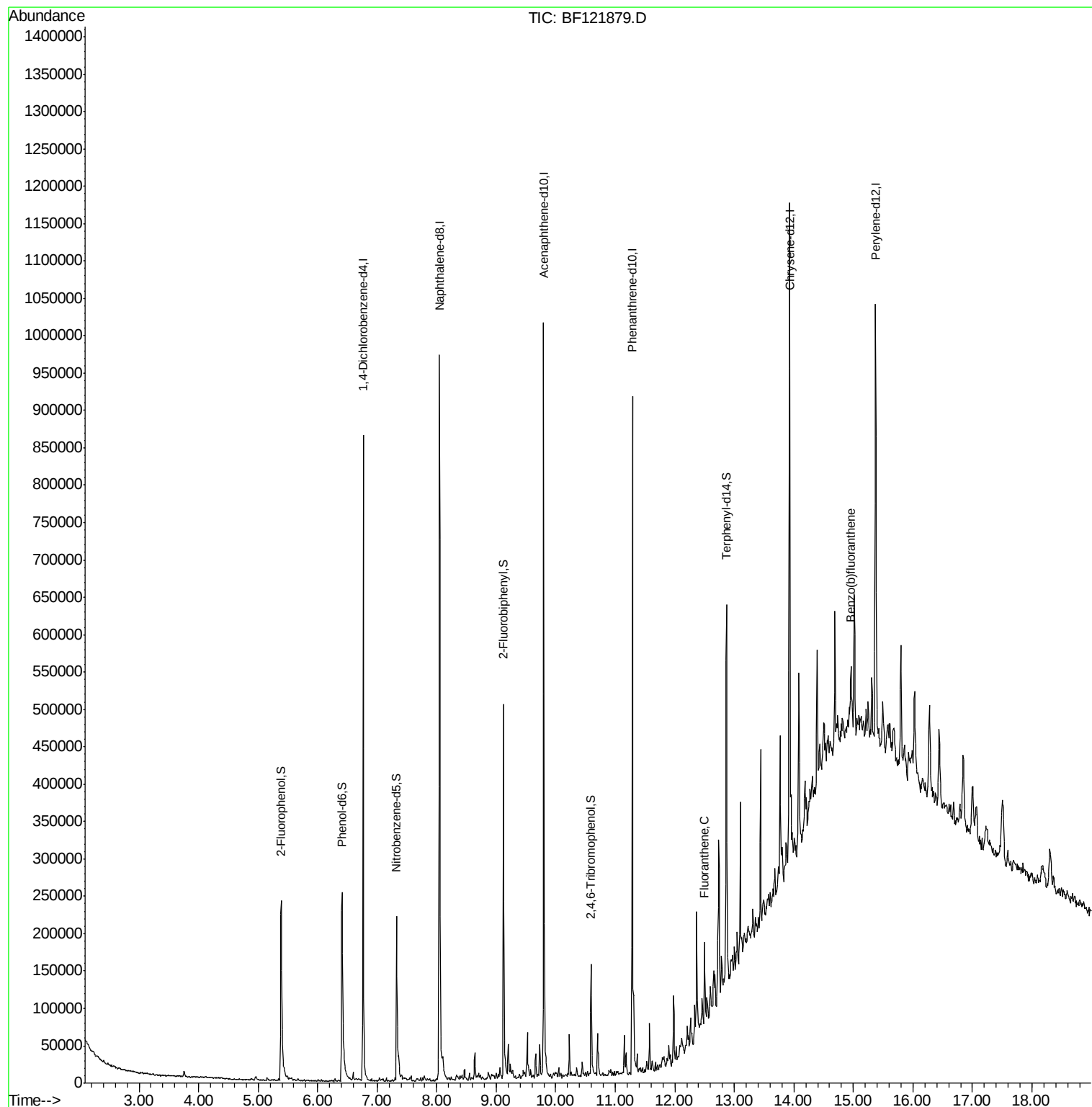
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100720\
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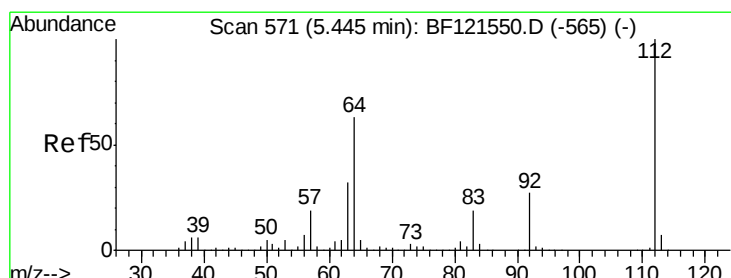
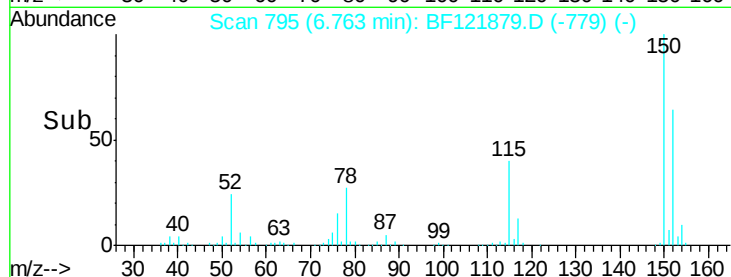
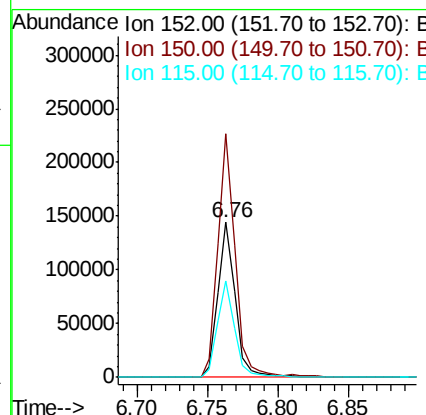
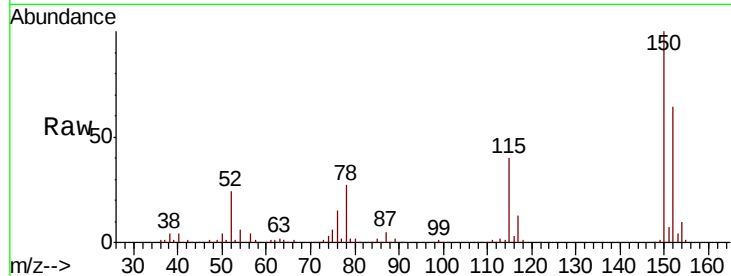
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.76 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF121879.D
 Acq: 7 Oct 2020 18:00

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-100620

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	125.3	187.9
115	62.6	51.9	77.9

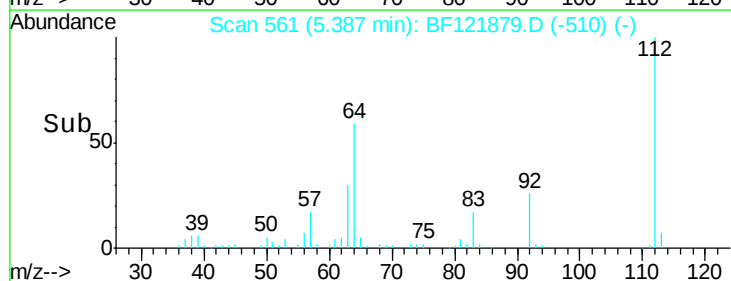
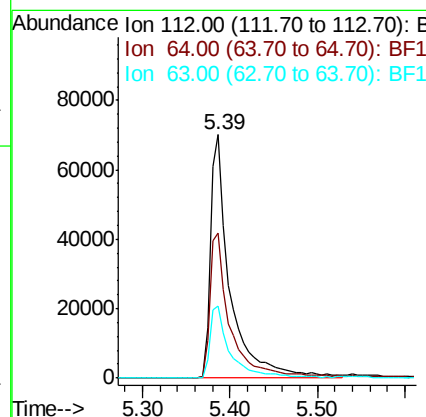
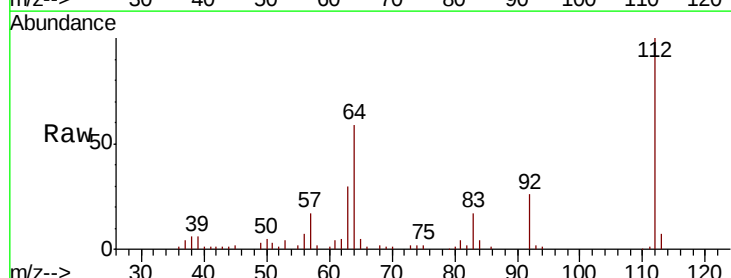
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#5
 2-Fluorophenol
 Concen: 13.004 ng
 RT: 5.39 min Scan# 561
 Delta R.T. 0.00 min
 Lab File: BF121879.D
 Acq: 7 Oct 2020 18:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.3	50.4	75.6
63	29.5	25.8	38.6





#7

Phenol-d6

Concen: 13.202 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF121879.D

Acq: 7 Oct 2020 18:00

Instrument :

BNA_F

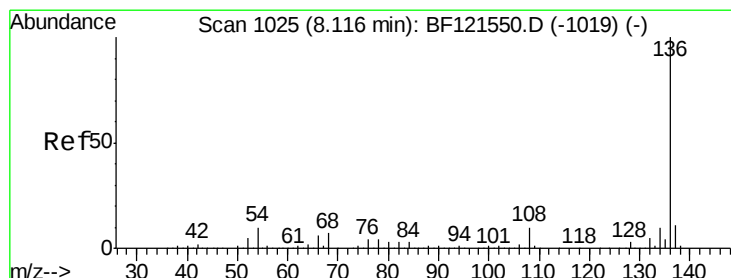
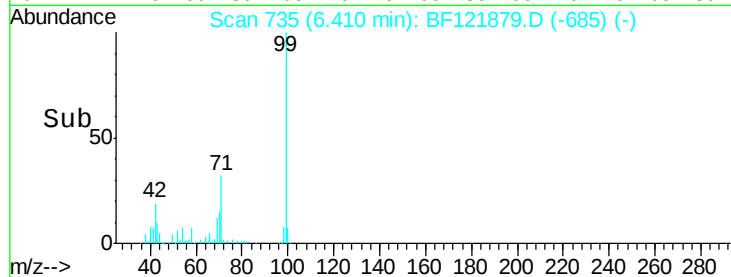
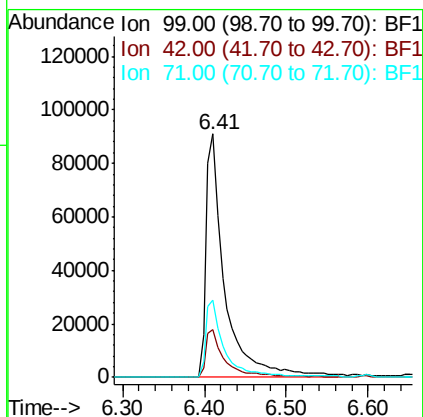
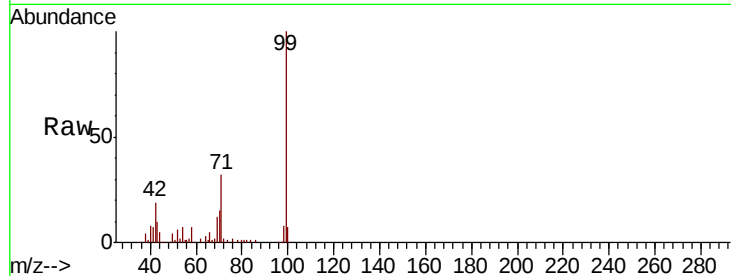
ClientSampleId :

OK-01-100620

Tot Ion:	99	Resp:	145367
Ion Ratio	Lower	Upper	
99	100		
42	19.5	15.9	23.9
71	31.5	27.1	40.7

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#21

Naphthalene-d8

Concen: 20.000 ng

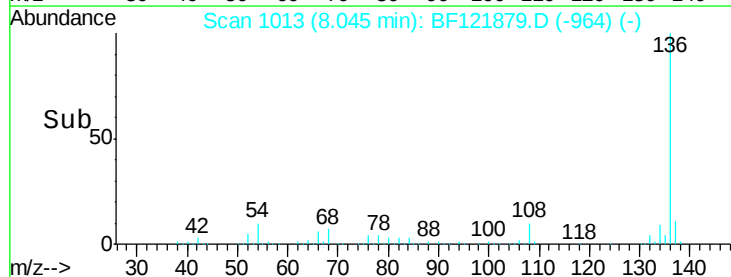
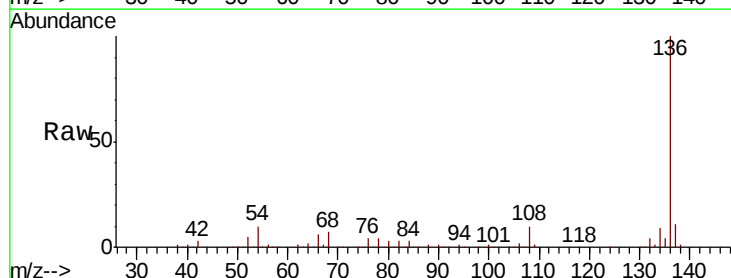
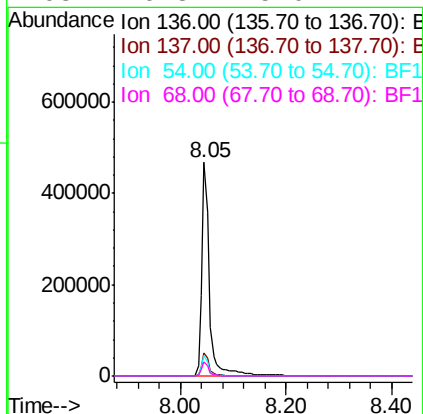
RT: 8.05 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF121879.D

Acq: 7 Oct 2020 18:00

Tgt Ion:	136	Resp:	475625
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.6	13.0
54	9.6	7.1	10.7
68	6.8	5.0	7.4





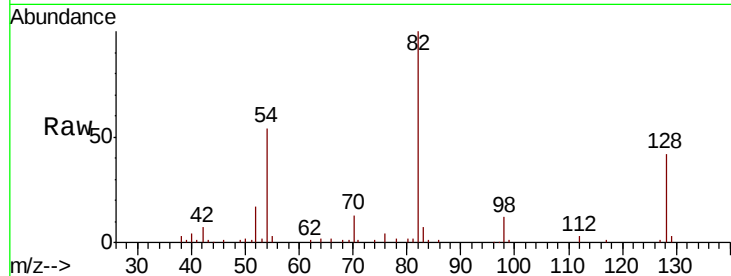
#23
Nitrobenzene-d5
Concen: 10.500 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF121879.D
Acq: 7 Oct 2020 18:00

Instrument :
BNA_F
ClientSampleId :
OK-01-100620

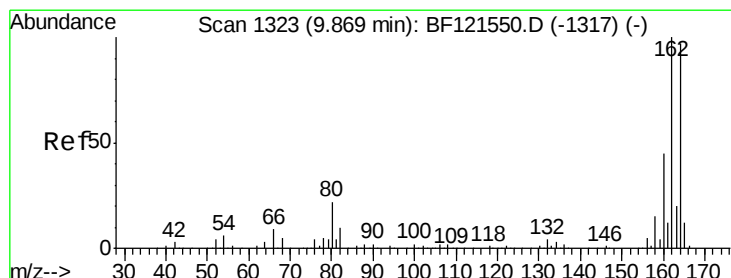
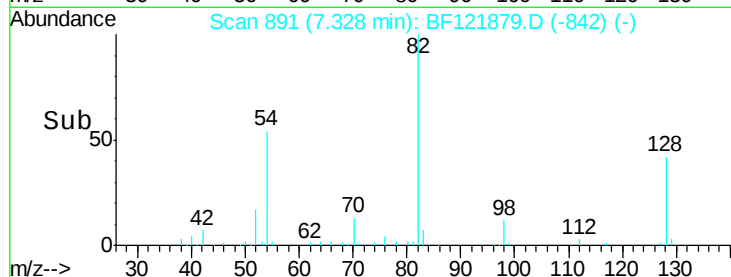
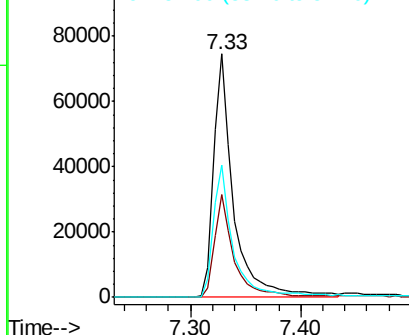
Tot Ion	Ratio	Lower	Upper
82	100		
128	42.4	35.0	52.4
54	54.1	43.9	65.9

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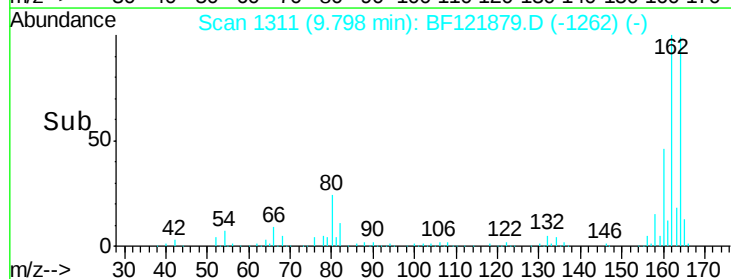
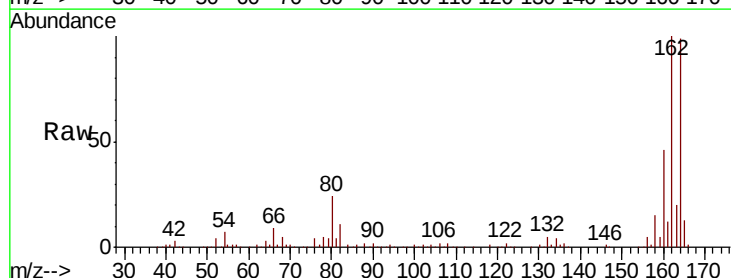
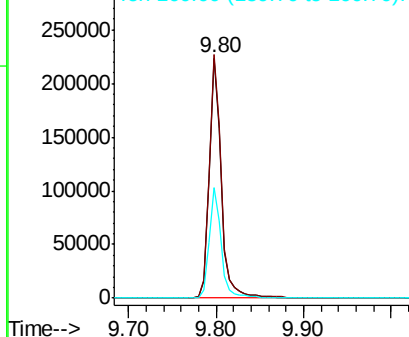
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF121879.D
Acq: 7 Oct 2020 18:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.3	83.2	124.8
160	46.2	37.5	56.3

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





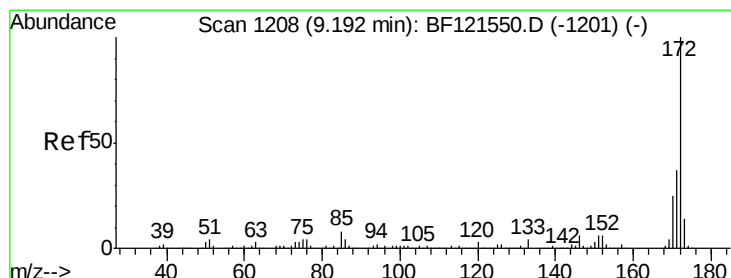
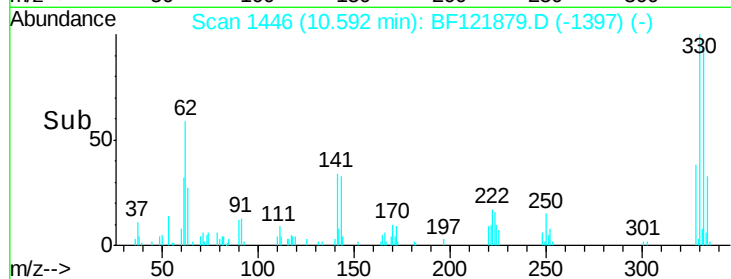
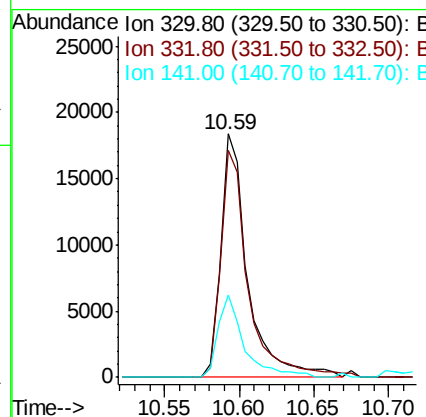
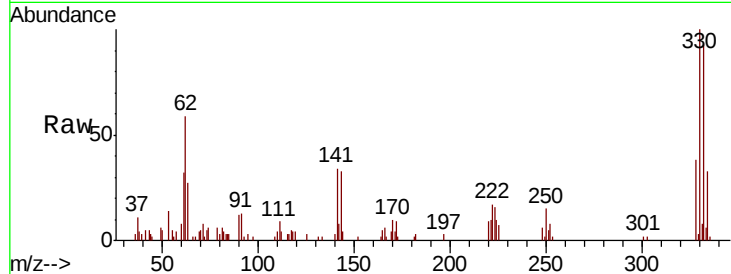
#42
 2,4,6-Tribromophenol
 Concen: 8.696 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF121879.D
 Acq: 7 Oct 2020 18:00

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-100620

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.3	115.9
141	32.9	22.3	33.5

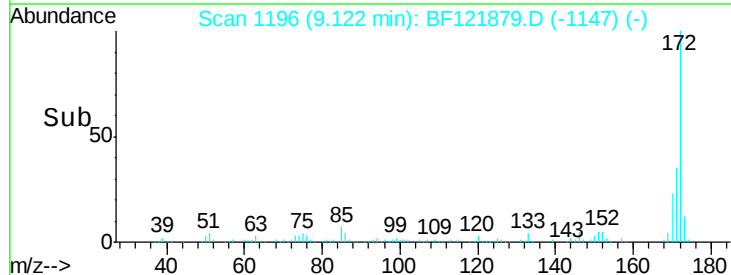
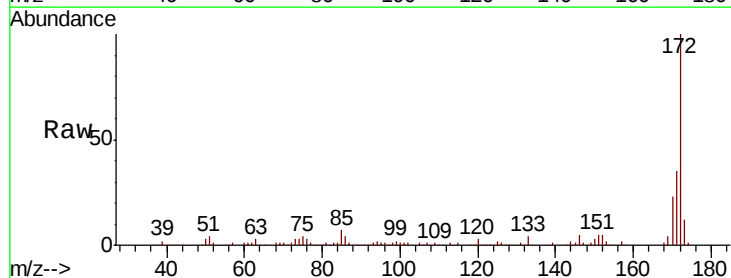
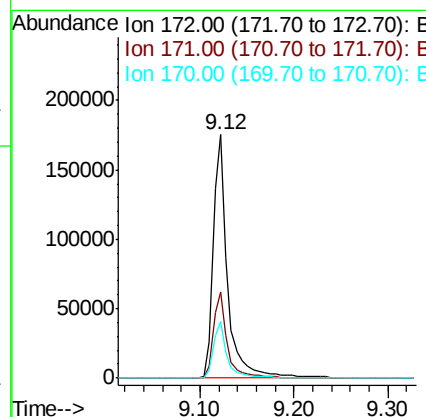
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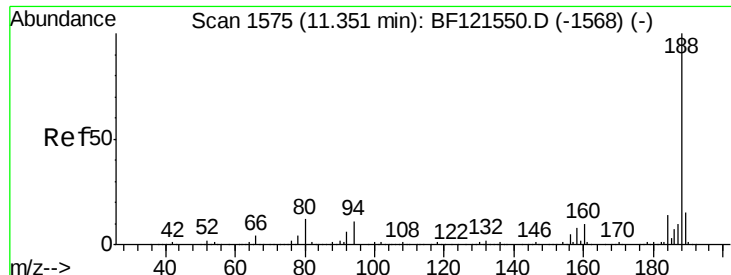
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#45
 2-Fluorobiphenyl
 Concen: 13.394 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF121879.D
 Acq: 7 Oct 2020 18:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.1	43.7
170	23.2	19.8	29.6





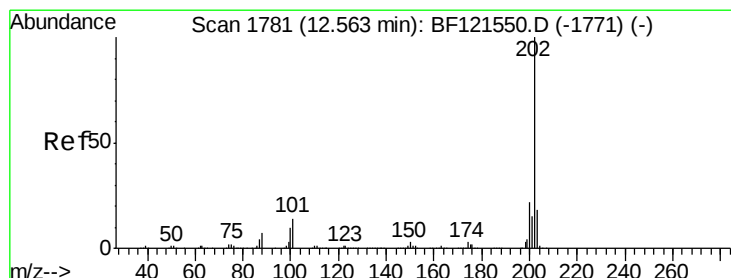
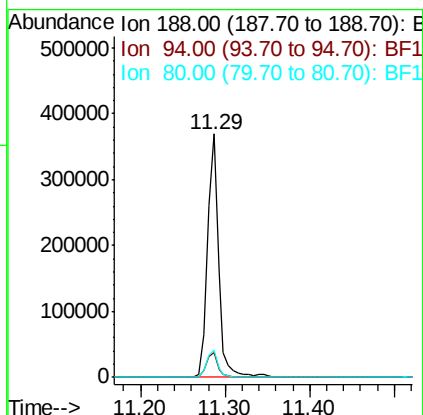
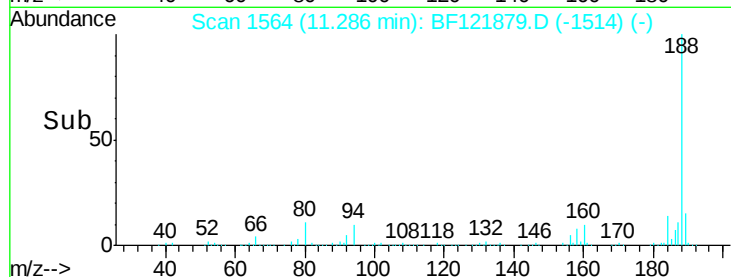
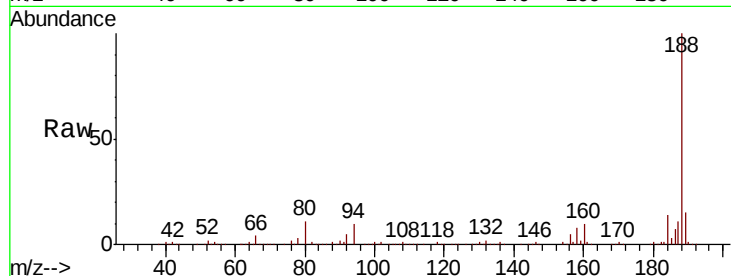
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF121879.D
Acq: 7 Oct 2020 18:00

Instrument :
BNA_F
ClientSampleId :
OK-01-100620

Tot Ion:	188	Resp:	339656
Ion Ratio	Lower	Upper	
188	100		
94	10.0	8.3	12.5
80	11.0	9.1	13.7

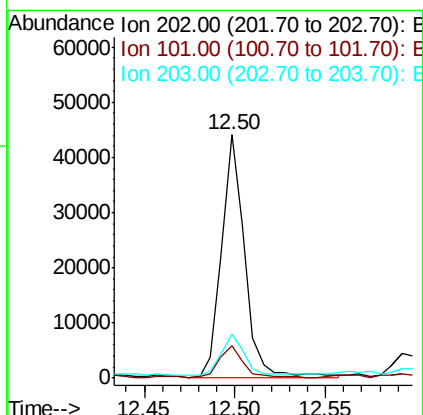
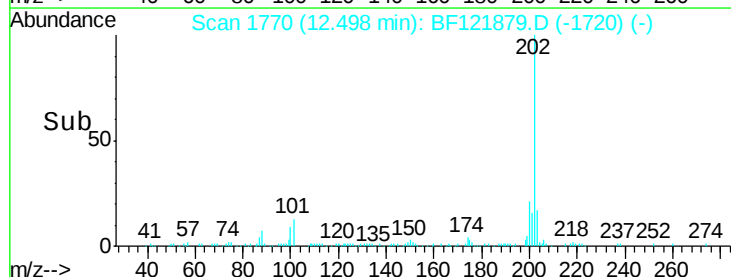
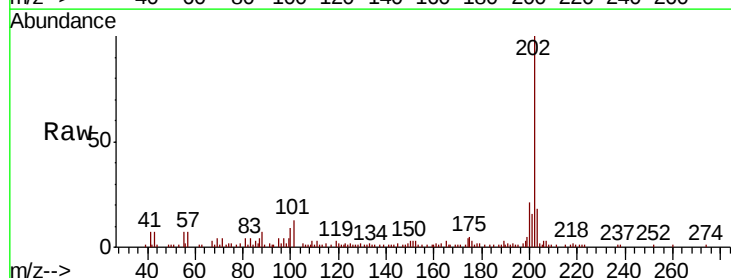
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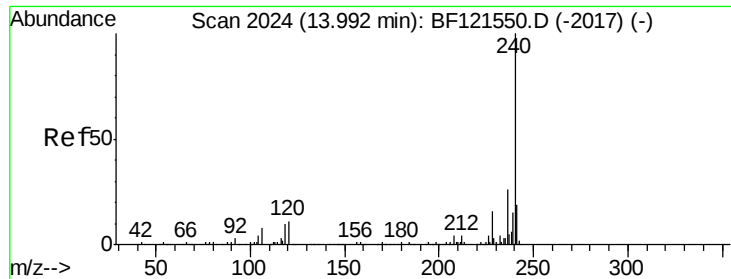
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#75
Fluoranthene
Concen: 2.010 ng
RT: 12.50 min Scan# 1770
Delta R.T. -0.01 min
Lab File: BF121879.D
Acq: 7 Oct 2020 18:00

Tgt Ion:	202	Resp:	39707
Ion Ratio	Lower	Upper	
202	100		
101	13.1	0.0	33.4
203	18.2	0.0	37.9





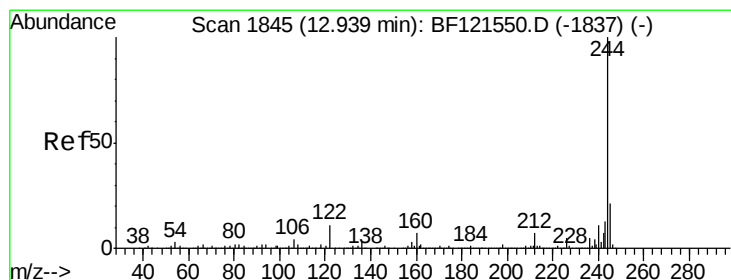
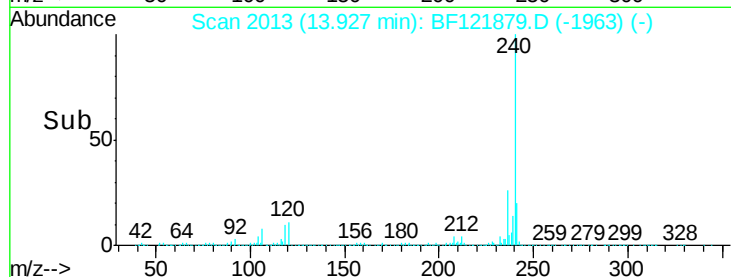
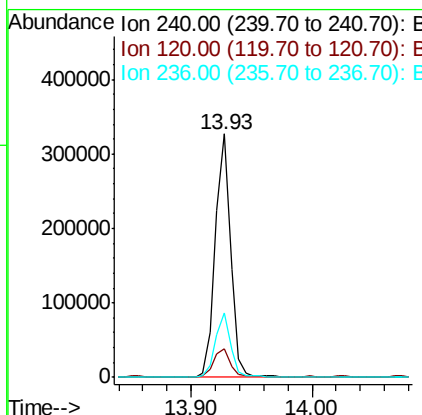
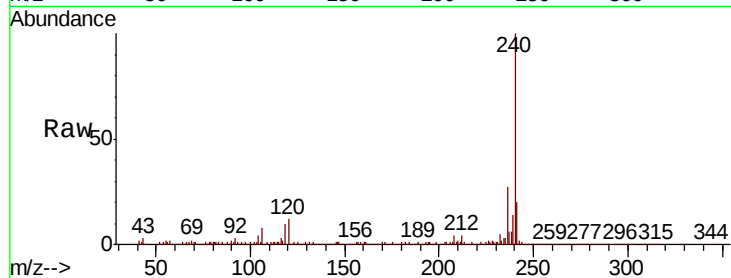
#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BF121879.D
 Acq: 7 Oct 2020 18:00

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-100620

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.2	13.8
236	26.5	20.9	31.3

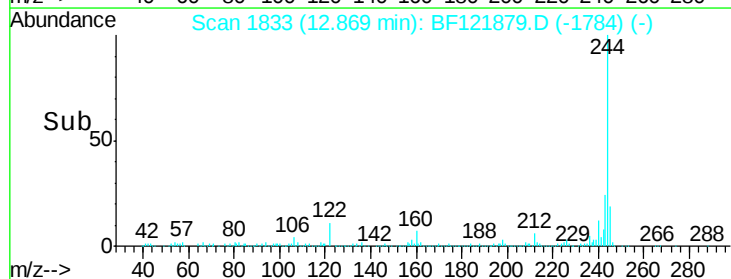
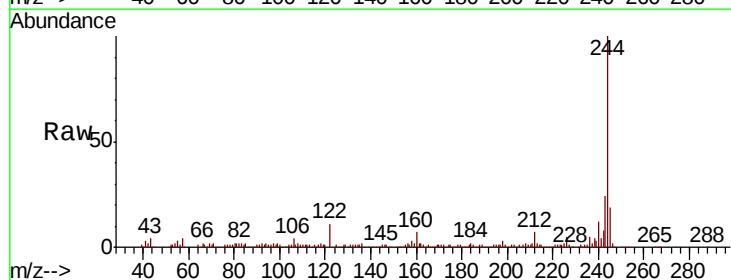
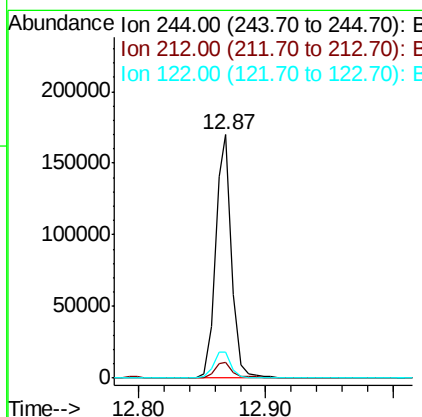
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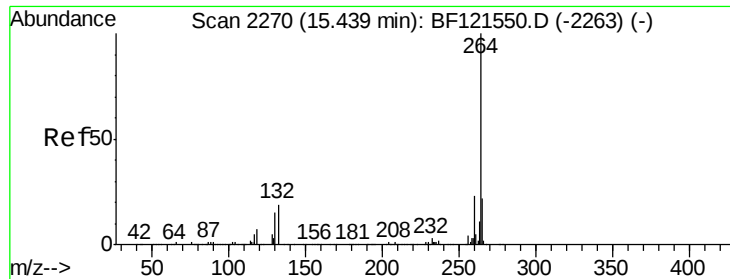
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#79
 Terphenyl-d14
 Concen: 10.818 ng
 RT: 12.87 min Scan# 1833
 Delta R.T. -0.01 min
 Lab File: BF121879.D
 Acq: 7 Oct 2020 18:00

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.2
122	10.8	8.1	12.1





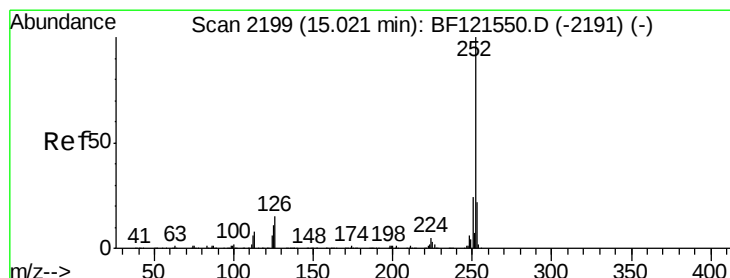
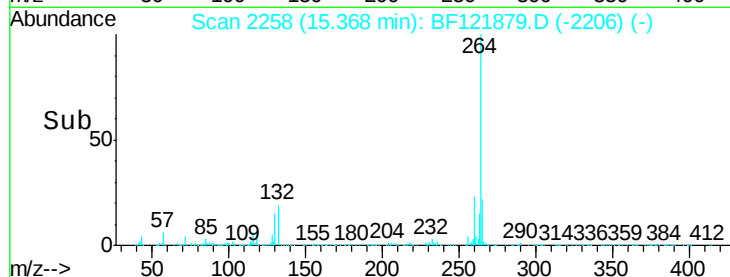
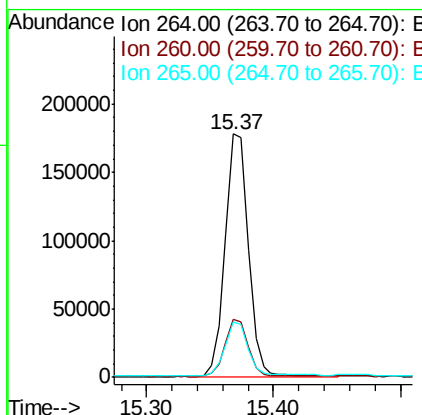
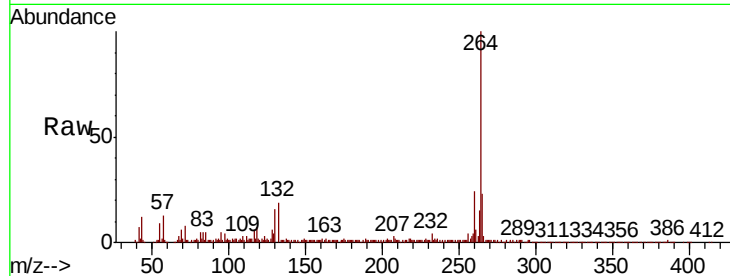
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.37 min Scan# 2258
Delta R.T. 0.01 min
Lab File: BF121879.D
Acq: 7 Oct 2020 18:00

Instrument :
BNA_F
ClientSampleId :
OK-01-100620

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.7	28.1
265	22.7	17.3	25.9

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#88
Benzo(b)fluoranthene
Concen: 2.648 ng m
RT: 14.96 min Scan# 2188
Delta R.T. 0.00 min
Lab File: BF121879.D
Acq: 7 Oct 2020 18:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	32.0	18.2	27.2#
125	20.6	8.0	12.0#

