

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021120\
 Data File : BF118899.D
 Acq On : 11 Feb 2020 22:29
 Operator : CG/JU
 Sample : L1367-01 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-021020

Manual Integrations
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Quant Time: Feb 12 07:47:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 16:26:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	265099	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	1054729	20.00	ng	-0.02
39) Acenaphthene-d10	9.84	164	436887	20.00	ng	-0.02
64) Phenanthrene-d10	11.33	188	777310	20.00	ng	-0.01
76) Chrysene-d12	13.96	240	536875	20.00	ng	-0.02
87) Perylene-d12	15.42	264	611871	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	781344	55.79	ng	0.00
7) Phenol-d6	6.44	99	926898	53.32	ng	-0.01
23) Nitrobenzene-d5	7.36	82	603000	34.08	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	245088	46.88	ng	-0.02
45) 2-Fluorobiphenyl	9.16	172	1316423	53.87	ng	-0.02
79) Terphenyl-d14	12.91	244	1012520	38.74	ng	-0.02
Target Compounds						
71) Phenanthrene	11.35	178	85643	2.239	ng	95
75) Fluoranthene	12.54	202	153000	3.664	ng	99
78) Pyrene	12.77	202	147423	4.003	ng	97
83) Chrysene	13.99	228	69173	2.157	ng	95
88) Benzo(b)fluoranthene	15.00	252	92775m	2.444	ng	
90) Benzo(a)pyrene	15.35	252	66167	2.036	ng	# 92

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

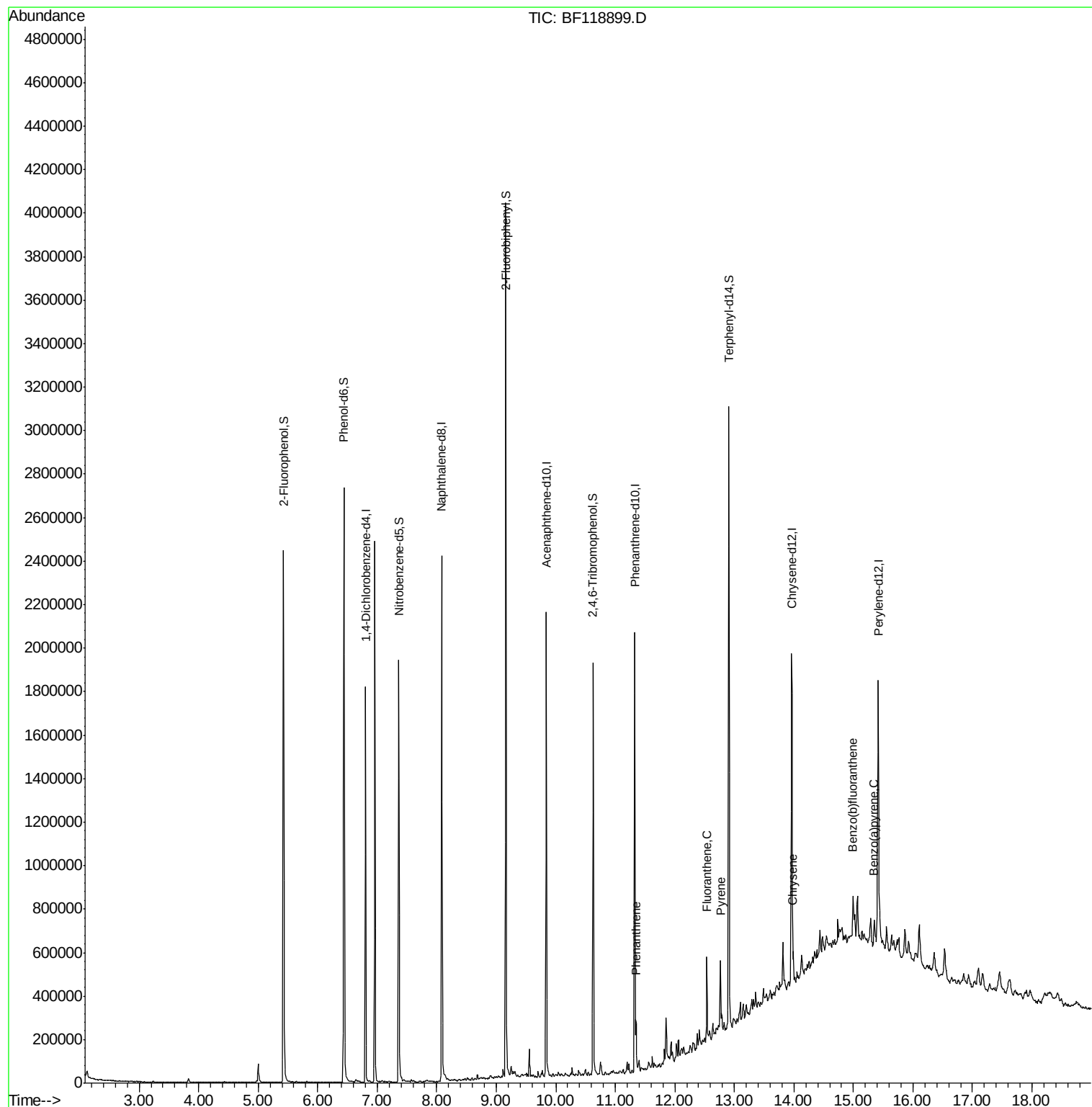
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021120\
Data File : BF118899.D
Acq On : 11 Feb 2020 22:29
Operator : CG/JU
Sample : L1367-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

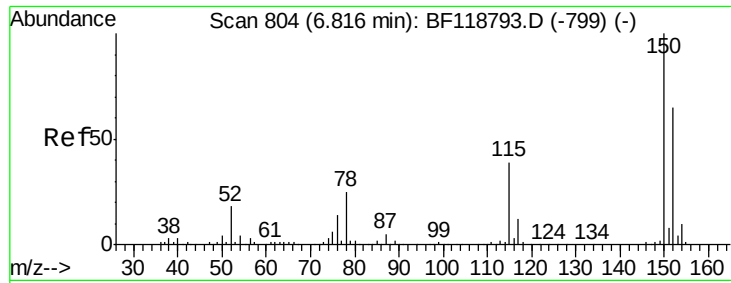
Instrument :
BNA_F
ClientSampleId :
OK-03-021020

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Quant Time: Feb 12 07:47:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 16:26:03 2020
Response via : Initial Calibration





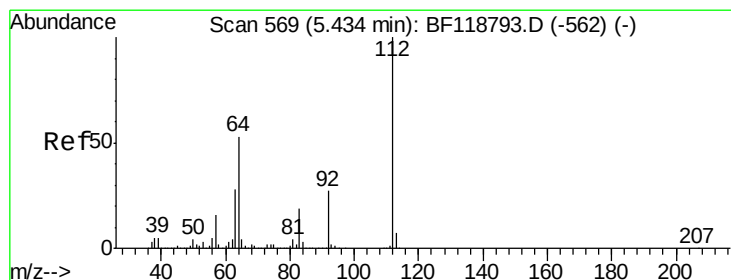
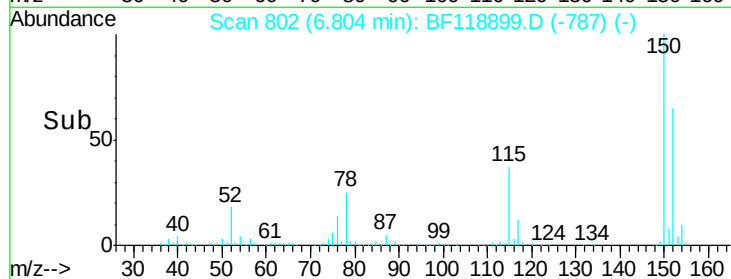
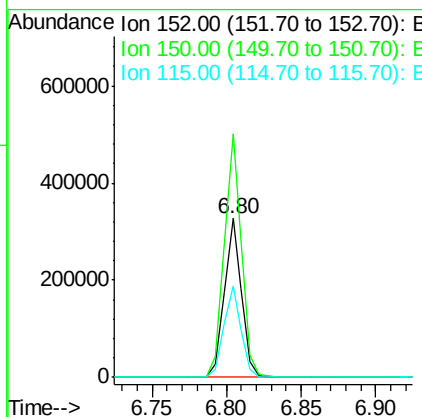
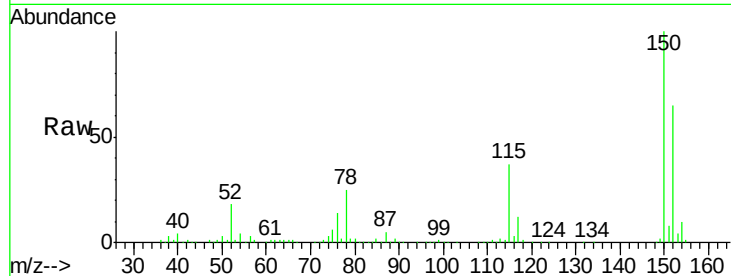
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF118899.D
 Acq: 11 Feb 2020 22:29

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-021020

Tot Ion:	152	Resp:	265099
Ion Ratio	Lower	Upper	
152	100		
150	153.5	123.6	185.4
115	57.2	48.2	72.2

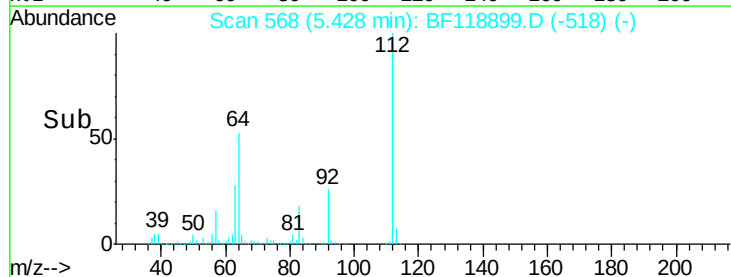
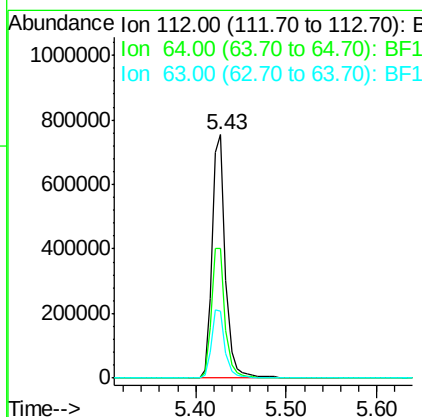
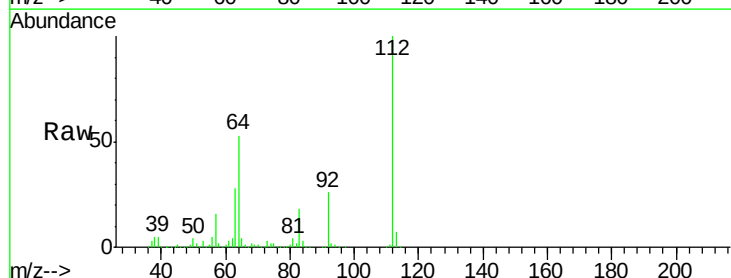
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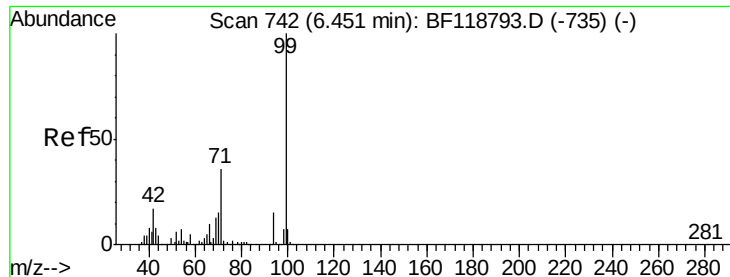
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#5
 2-Fluorophenol
 Concen: 55.792 ng
 RT: 5.43 min Scan# 568
 Delta R.T. -0.01 min
 Lab File: BF118899.D
 Acq: 11 Feb 2020 22:29

Tgt Ion:	112	Resp:	781344
Ion Ratio	Lower	Upper	
112	100		
64	53.3	42.6	63.8
63	27.5	22.2	33.4





#7

Phenol-d6

Concen: 53.317 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF118899.D

Acq: 11 Feb 2020 22:29

Instrument :

BNA_F

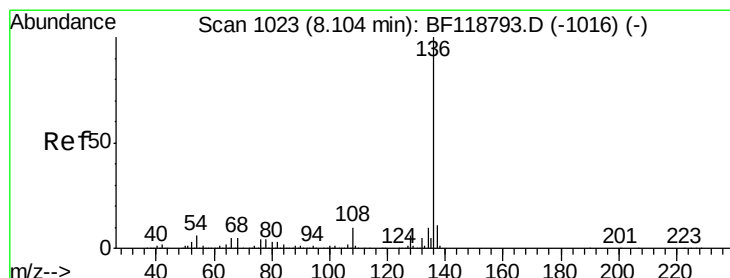
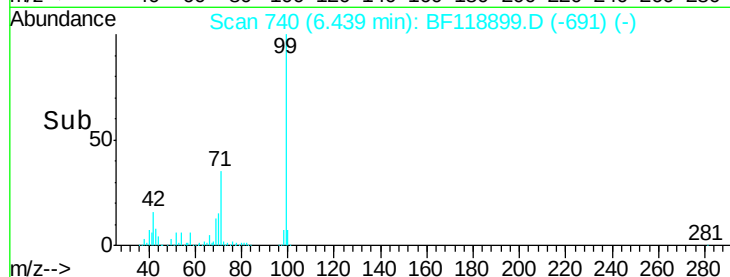
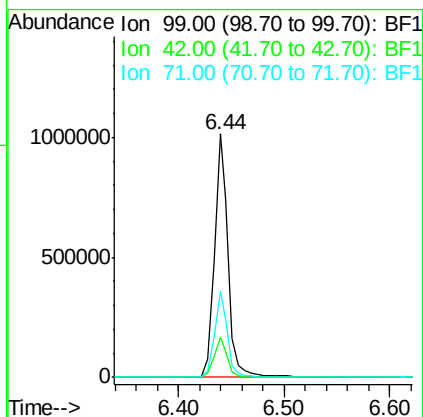
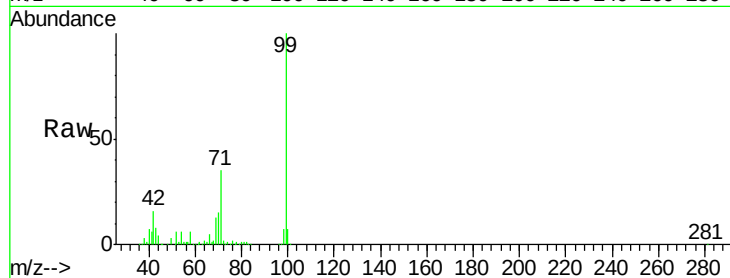
ClientSampled :

OK-03-021020

Tot Ion:	99	Resp:	926898
Ion Ratio	Lower	Upper	
99	100		
42	16.5	13.4	20.0
71	35.3	29.0	43.6

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#21

Naphthalene-d8

Concen: 20.000 ng

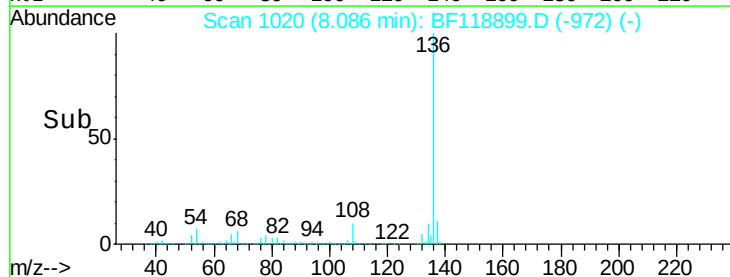
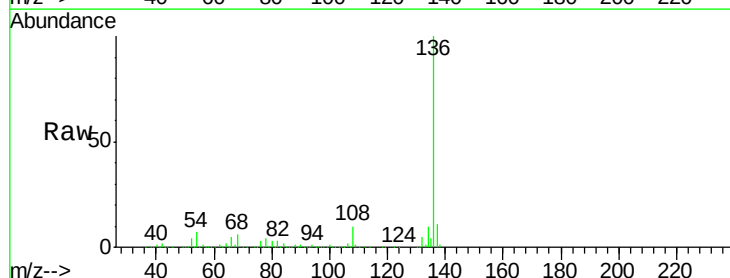
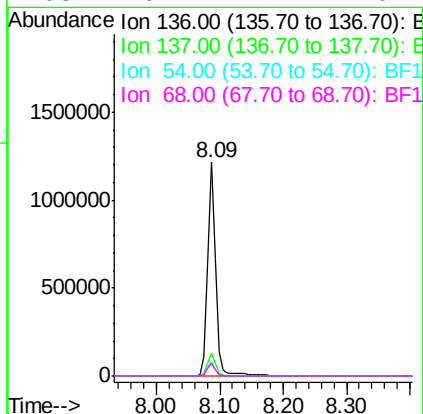
RT: 8.09 min Scan# 1020

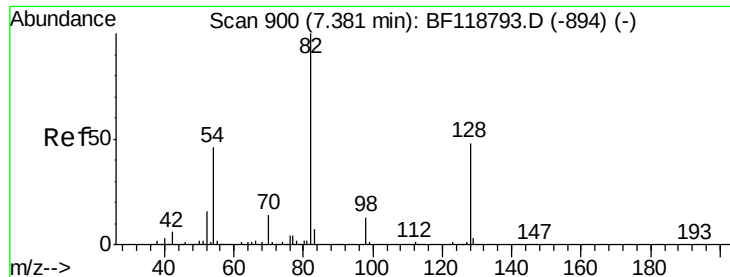
Delta R.T. -0.02 min

Lab File: BF118899.D

Acq: 11 Feb 2020 22:29

Tgt Ion:	136	Resp:	1054729
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.7	13.1
54	6.8	5.0	7.6
68	6.1	4.2	6.4





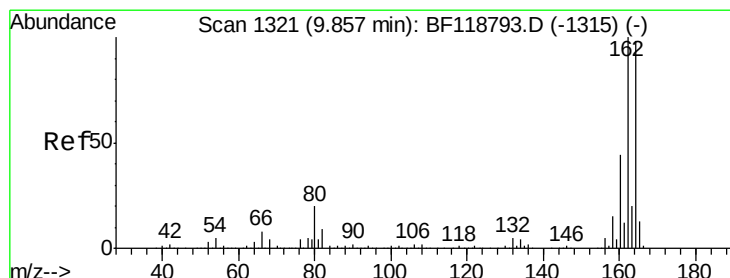
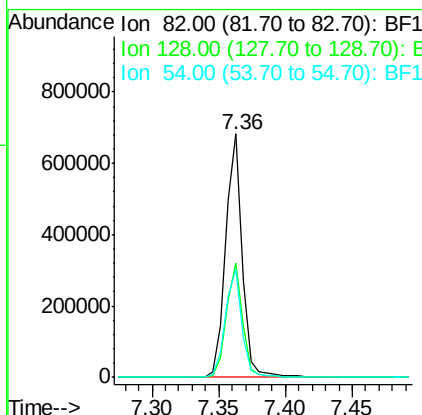
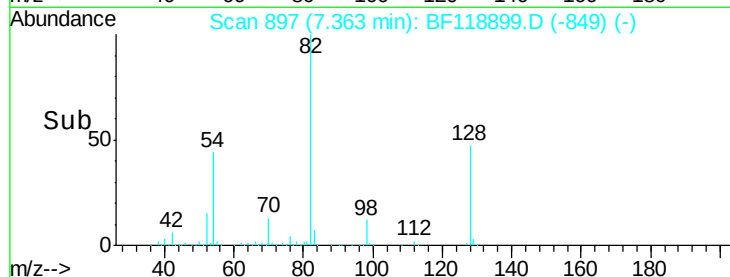
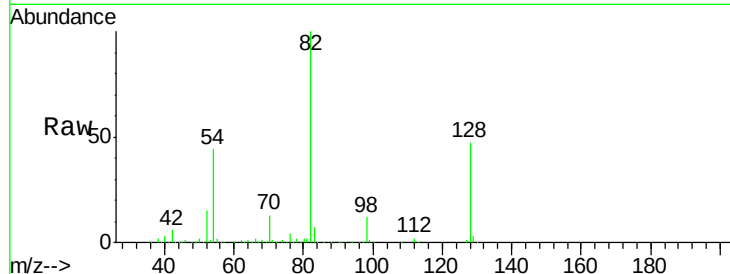
#23
Nitrobenzene-d5
Concen: 34.077 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.02 min
Lab File: BF118899.D
Acq: 11 Feb 2020 22:29

Instrument :
BNA_F
ClientSampleId :
OK-03-021020

Tot Ion	82	Resp	603000
Ion	Ratio	Lower	Upper
82	100		
128	47.1	38.5	57.7
54	44.2	36.7	55.1

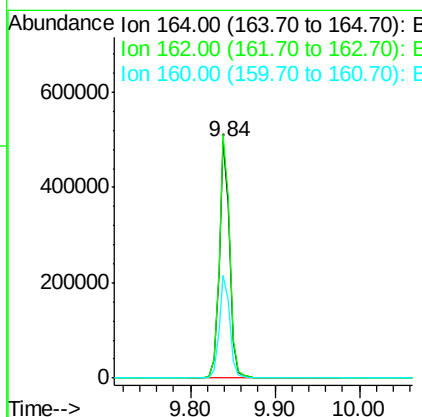
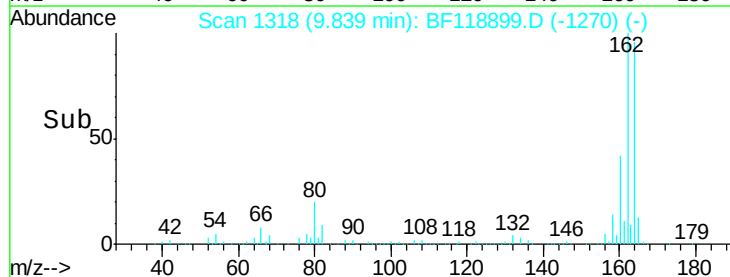
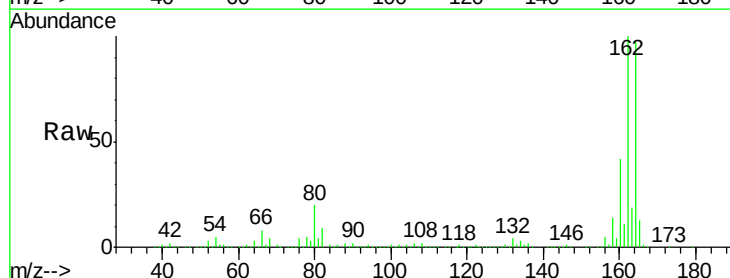
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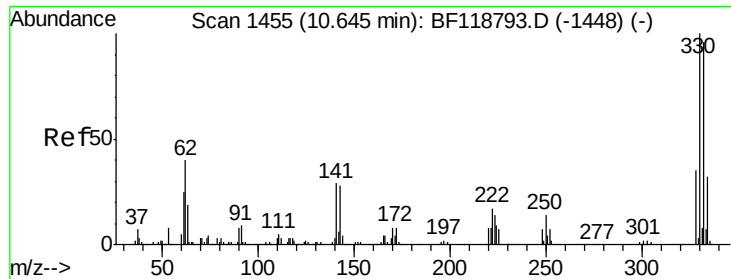
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.02 min
Lab File: BF118899.D
Acq: 11 Feb 2020 22:29

Tgt Ion	164	Resp	436887
Ion	Ratio	Lower	Upper
164	100		
162	102.8	81.4	122.2
160	43.4	35.6	53.4





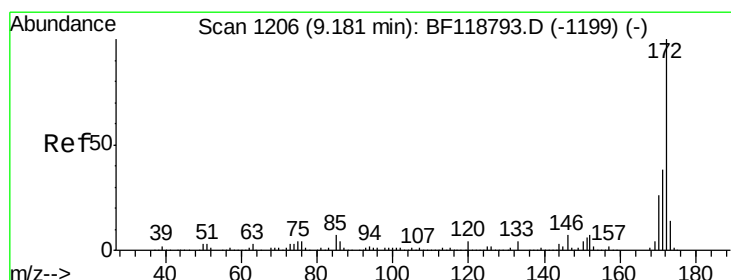
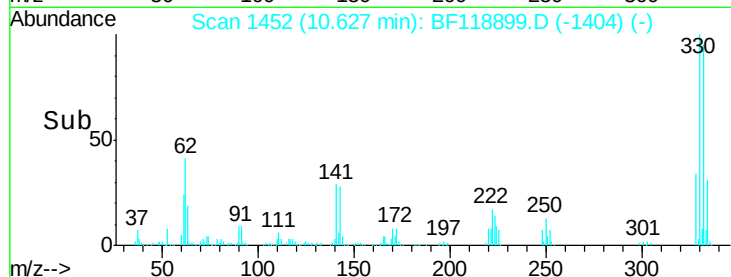
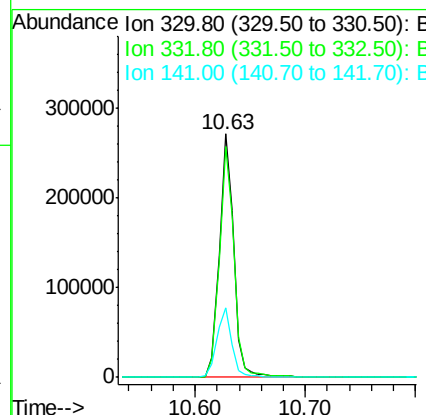
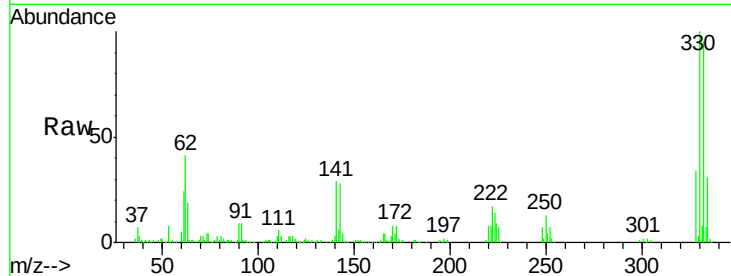
#42
 2,4,6-Tribromophenol
 Concen: 46.885 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.02 min
 Lab File: BF118899.D
 Acq: 11 Feb 2020 22:29

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-021020

Tot Ion	Ratio	Resp	Lower	Upper
330	100	245088		
332	96.5	77.3	115.9	
141	28.7	22.4	33.6	

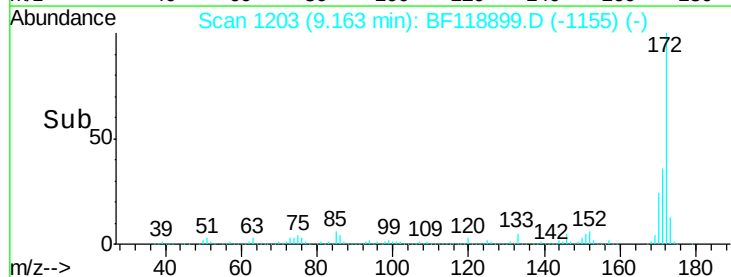
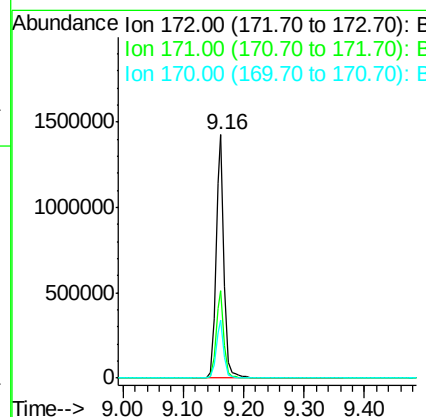
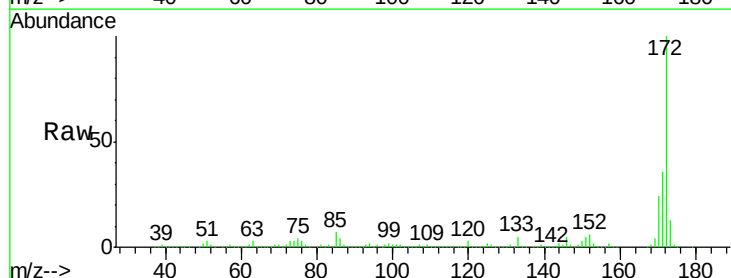
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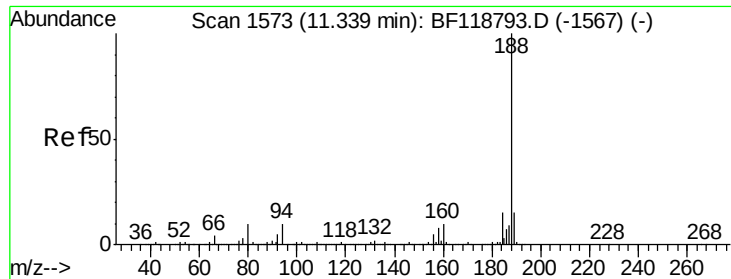
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#45
 2-Fluorobiphenyl
 Concen: 53.867 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.02 min
 Lab File: BF118899.D
 Acq: 11 Feb 2020 22:29

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1316423		
171	35.9	30.8	46.2	
170	23.6	20.5	30.7	





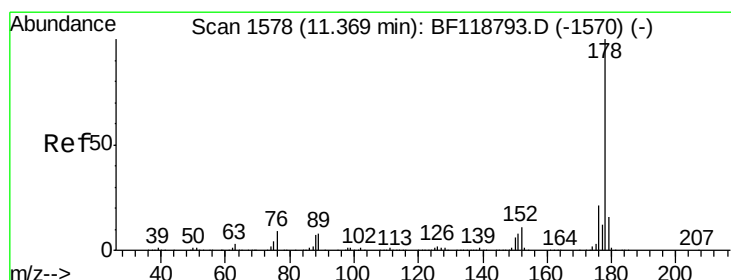
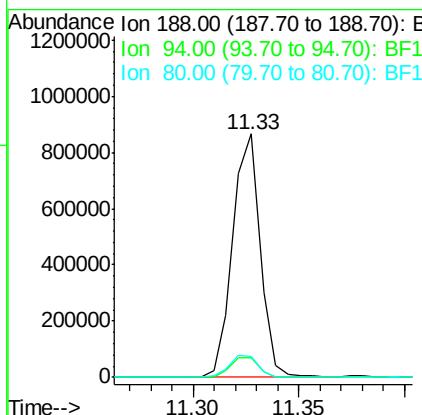
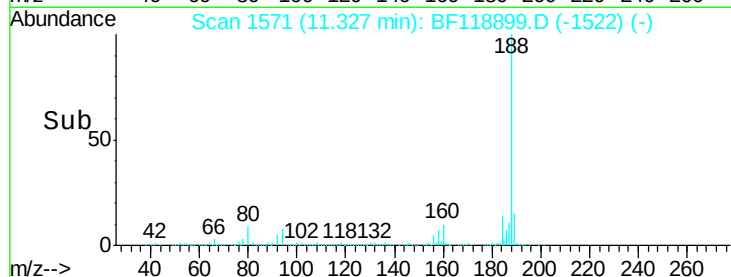
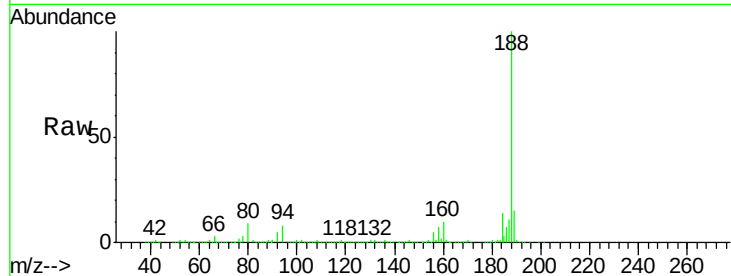
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF118899.D
Acq: 11 Feb 2020 22:29

Instrument :
BNA_F
ClientSampleId :
OK-03-021020

Tot Ion	Ratio	Resp	Lower	Upper
188	100	777310		
94	8.2		7.9	11.9
80	8.6		8.4	12.6

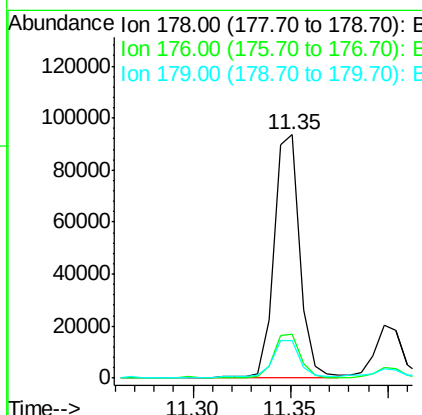
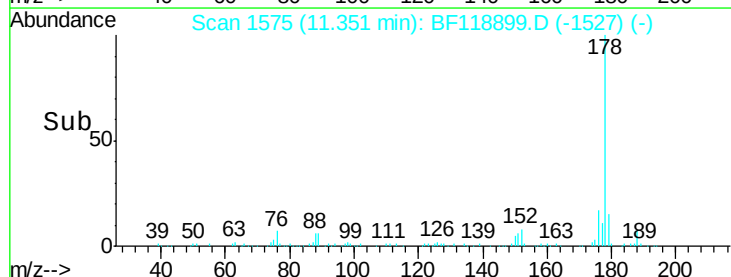
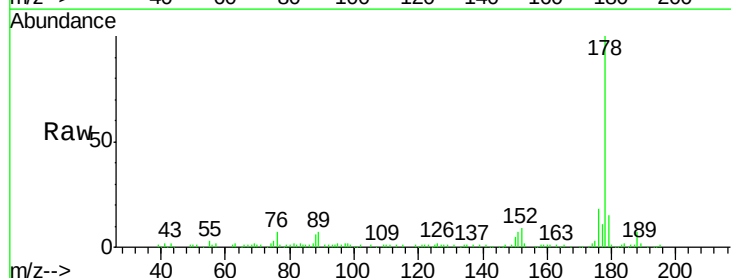
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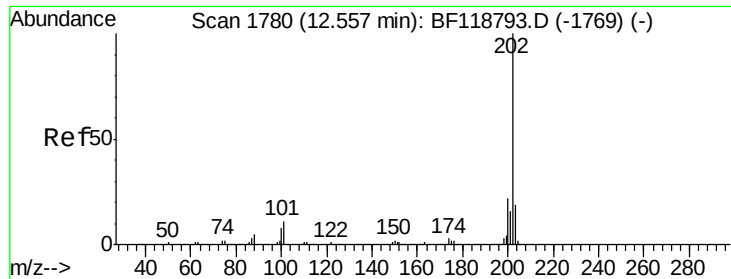
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#71
Phenanthrene
Concen: 2.239 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF118899.D
Acq: 11 Feb 2020 22:29

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	85643		
176	17.8		16.6	24.8
179	15.2		13.2	19.8





#75

Fluoranthene

Concen: 3.664 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.02 min

Lab File: BF118899.D

Acq: 11 Feb 2020 22:29

Instrument :

BNA_F

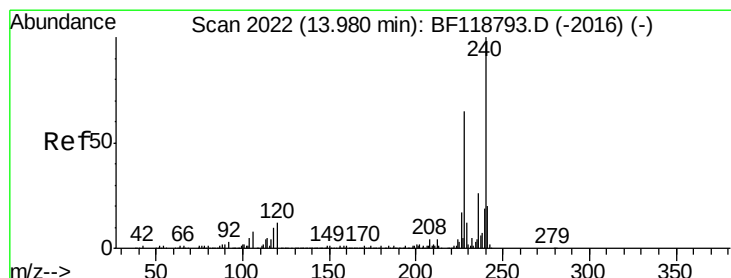
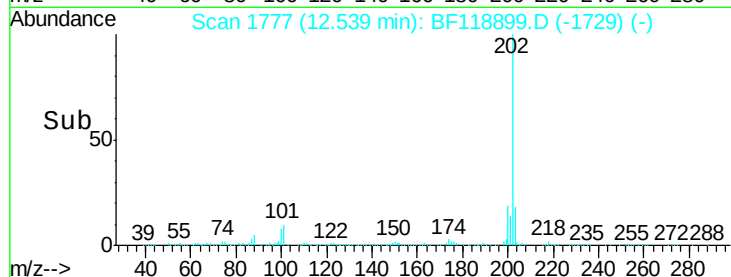
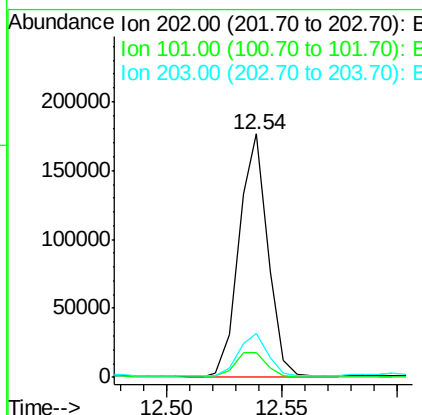
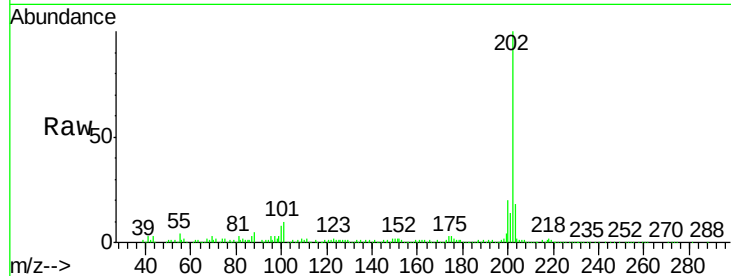
ClientSampleId :

OK-03-021020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		153000		
101	10.3	0.0	31.0		
203	18.3	0.0	38.7		

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#76

Chrysene-d12

Concen: 20.000 ng

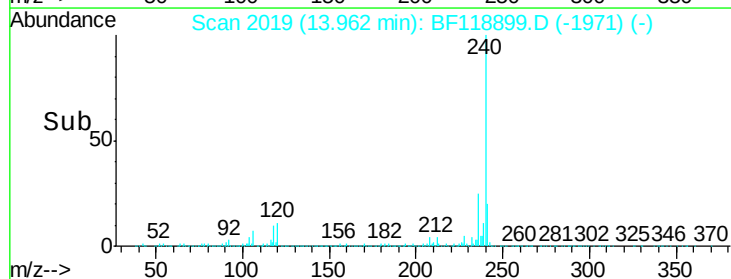
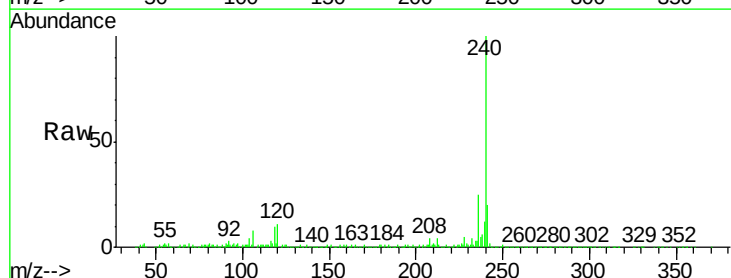
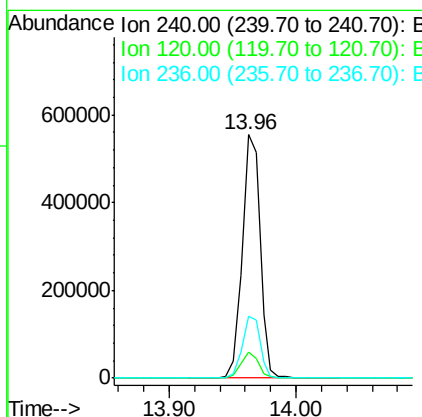
RT: 13.96 min Scan# 2019

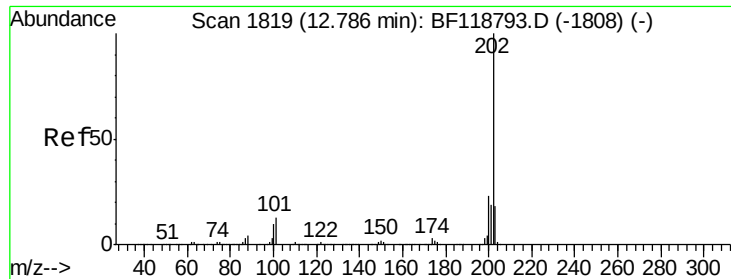
Delta R.T. -0.02 min

Lab File: BF118899.D

Acq: 11 Feb 2020 22:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		536875		
120	10.7	9.4	14.0		
236	25.3	21.0	31.6		





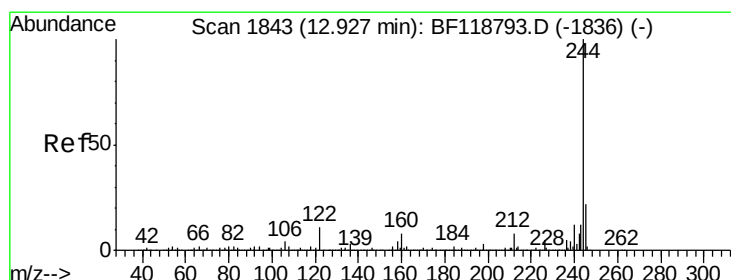
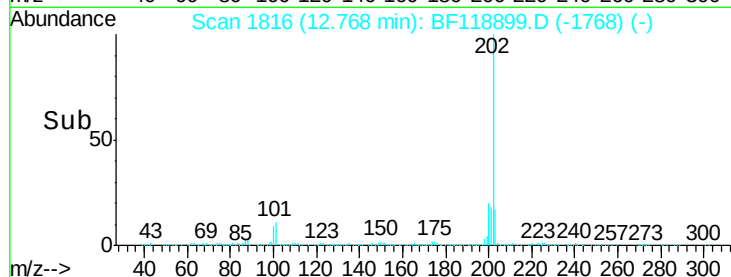
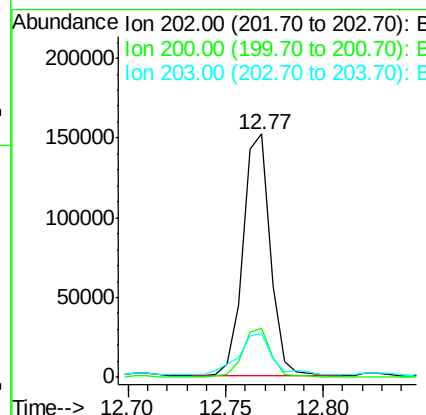
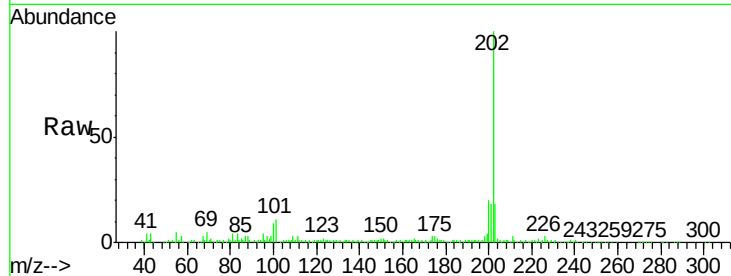
#78
Pvrene
Concen: 4.003 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.02 min
Lab File: BF118899.D
Acq: 11 Feb 2020 22:29

Instrument :
BNA_F
ClientSampleId :
OK-03-021020

Tot Ion	Ratio	Resp	Lower	Upper
202	100	147423		
200	20.1	18.2	27.2	
203	18.1	14.8	22.2	

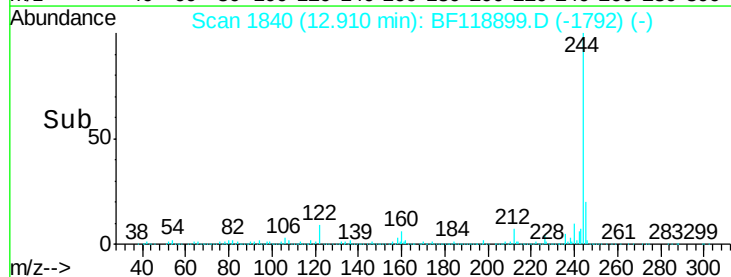
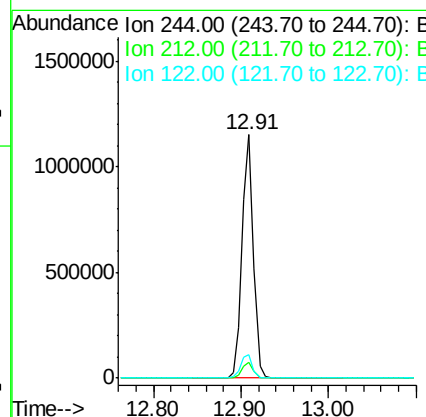
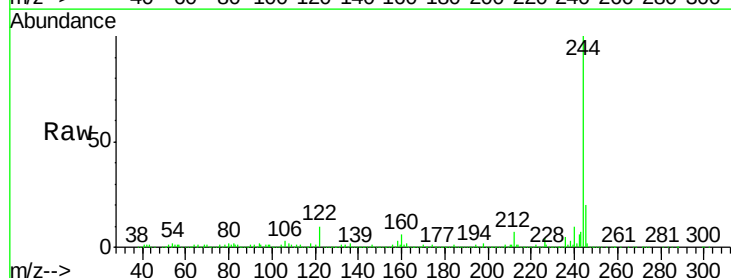
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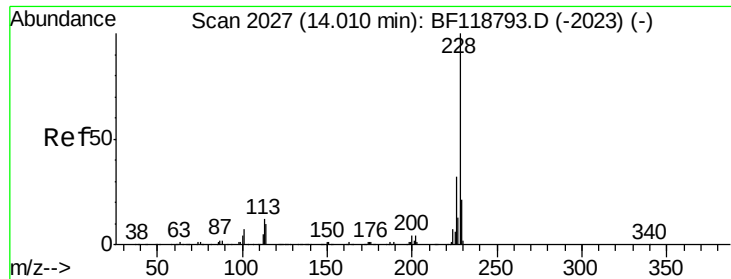
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#79
Terphenyl-d14
Concen: 38.738 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.02 min
Lab File: BF118899.D
Acq: 11 Feb 2020 22:29

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	1012520		
212	6.7	6.5	9.7	
122	9.5	8.9	13.3	





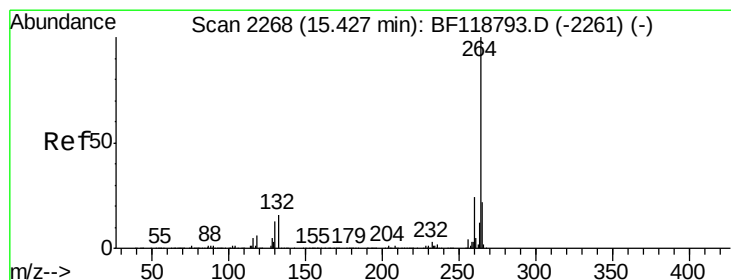
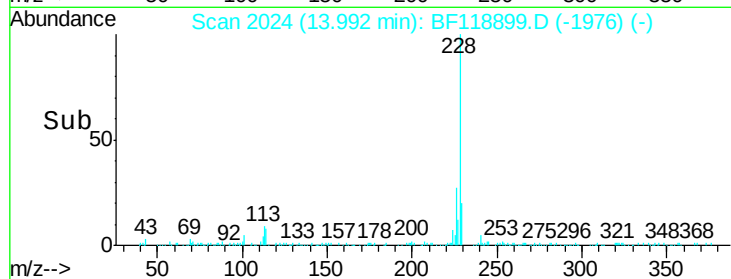
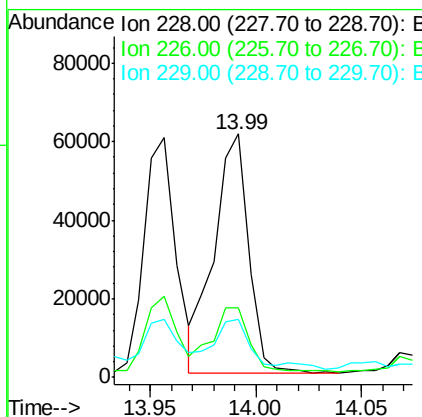
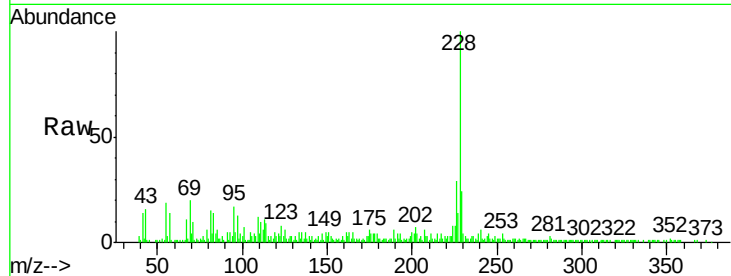
#83
Chrysene
Concen: 2.157 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.02 min
Lab File: BF118899.D
Acq: 11 Feb 2020 22:29

Instrument :
BNA_F
ClientSampleId :
OK-03-021020

Tot Ion:	228	Resp:	69173
Ion Ratio	Lower	Upper	
228	100		
226	28.6	25.4	38.0
229	23.6	16.9	25.3

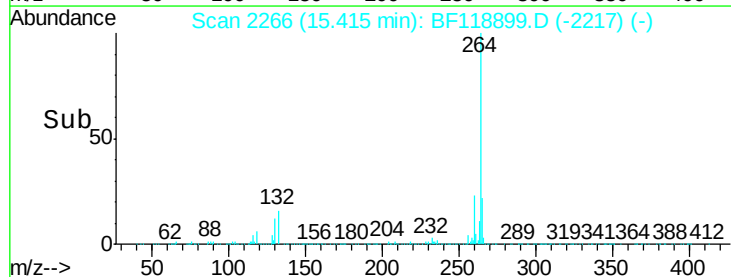
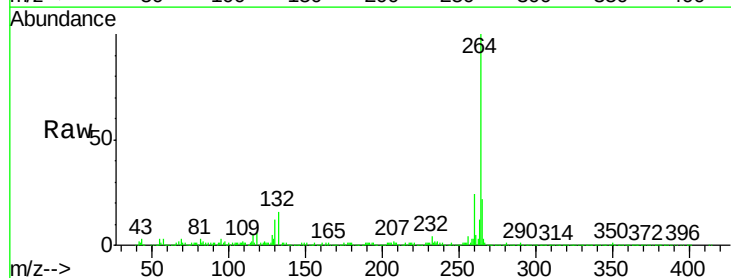
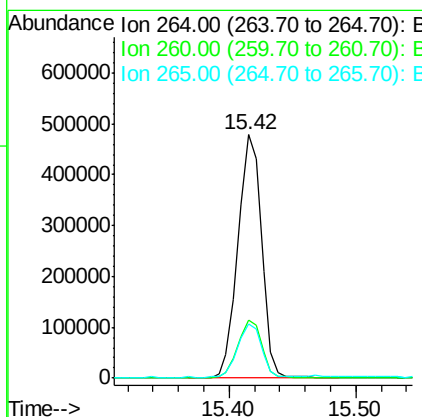
Manual Integrations
APPROVED

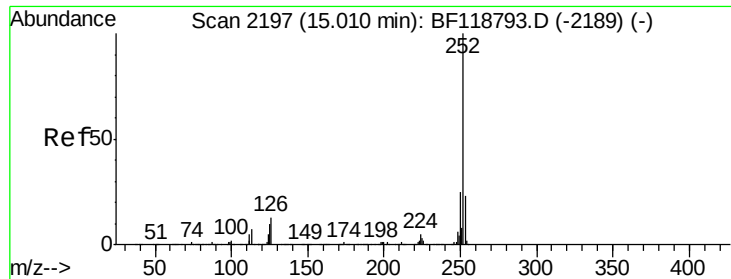
mohammad
2/12/2020 3:51:13 PM



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF118899.D
Acq: 11 Feb 2020 22:29

Tgt Ion:	264	Resp:	611871
Ion Ratio	Lower	Upper	
264	100		
260	23.7	19.1	28.7
265	22.1	17.2	25.8





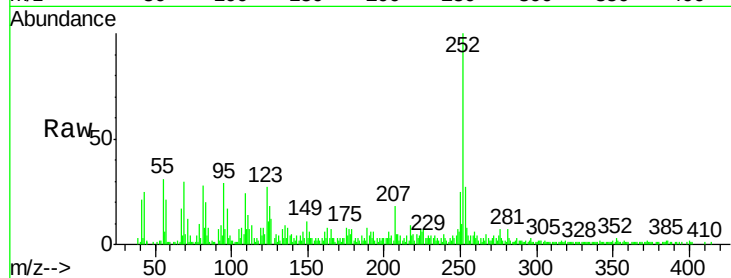
#88
Benzo(b)fluoranthene
Concen: 2.444 ng m
RT: 15.00 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF118899.D
Acq: 11 Feb 2020 22:29

Instrument :
BNA_F
ClientSampleId :
OK-03-021020

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.0	18.4	27.6
125	17.9	8.1	12.1

Manual Integrations
APPROVED

mohammad
2/12/2020 3:51:13 PM

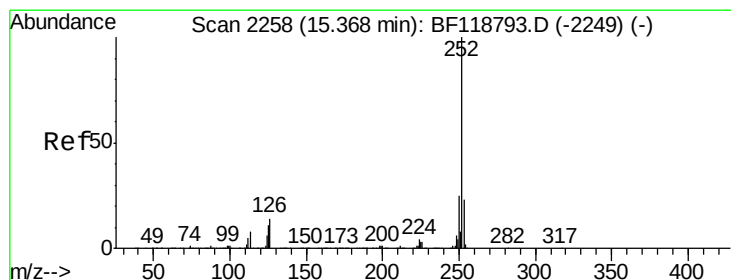
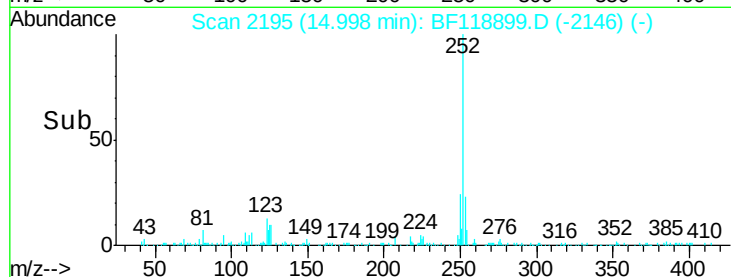
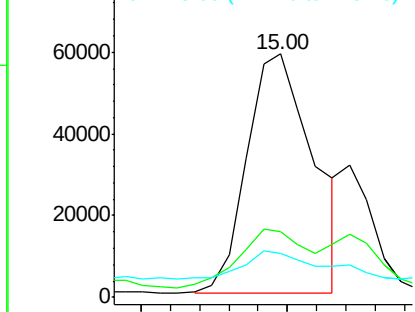


Abundance

Ion 252.00 (251.70 to 252.70): E

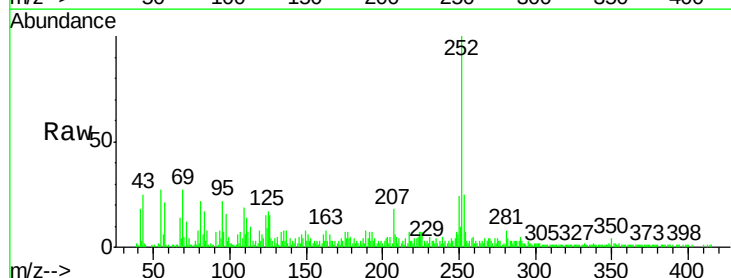
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 2.036 ng
RT: 15.35 min Scan# 2255
Delta R.T. -0.02 min
Lab File: BF118899.D
Acq: 11 Feb 2020 22:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.1	27.1
125	17.0	8.7	13.1



Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

