

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021519\
 Data File : BF112590.D
 Acq On : 15 Feb 2019 20:32
 Operator : JU/SJ
 Sample : K1346-13 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-021419-D

Manual Integrations
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 2/18/2019 12:06:38 PM

Quant Time: Feb 16 00:09:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	104295	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	428595	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	212661	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	376318	20.00	ng	0.00
76) Chrysene-d12	14.01	240	243318	20.00	ng	0.00
87) Perylene-d12	15.49	264	208184	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	233677	47.59	ng	-0.02
7) Phenol-d6	6.48	99	311091	45.60	ng	-0.01
23) Nitrobenzene-d5	7.39	82	195863	26.33	ng	-0.02
42) 2,4,6-Tribromophenol	10.67	330	100970	40.79	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	429655	28.57	ng	-0.02
79) Terphenyl-d14	12.94	244	353279	27.35	ng	-0.01
Target Compounds						
71) Phenanthrene	11.39	178	58285	2.979	ng	98
75) Fluoranthene	12.58	202	83181	3.964	ng	96
78) Pyrene	12.81	202	90871	5.394	ng	97
81) Benzo(a)anthracene	14.00	228	41201	2.880	ng	98
83) Chrysene	14.04	228	39700	2.908	ng	97
88) Benzo(b)fluoranthene	15.06	252	43107m	3.462	ng	
90) Benzo(a)pyrene	15.43	252	30328	2.707	ng	# 88

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

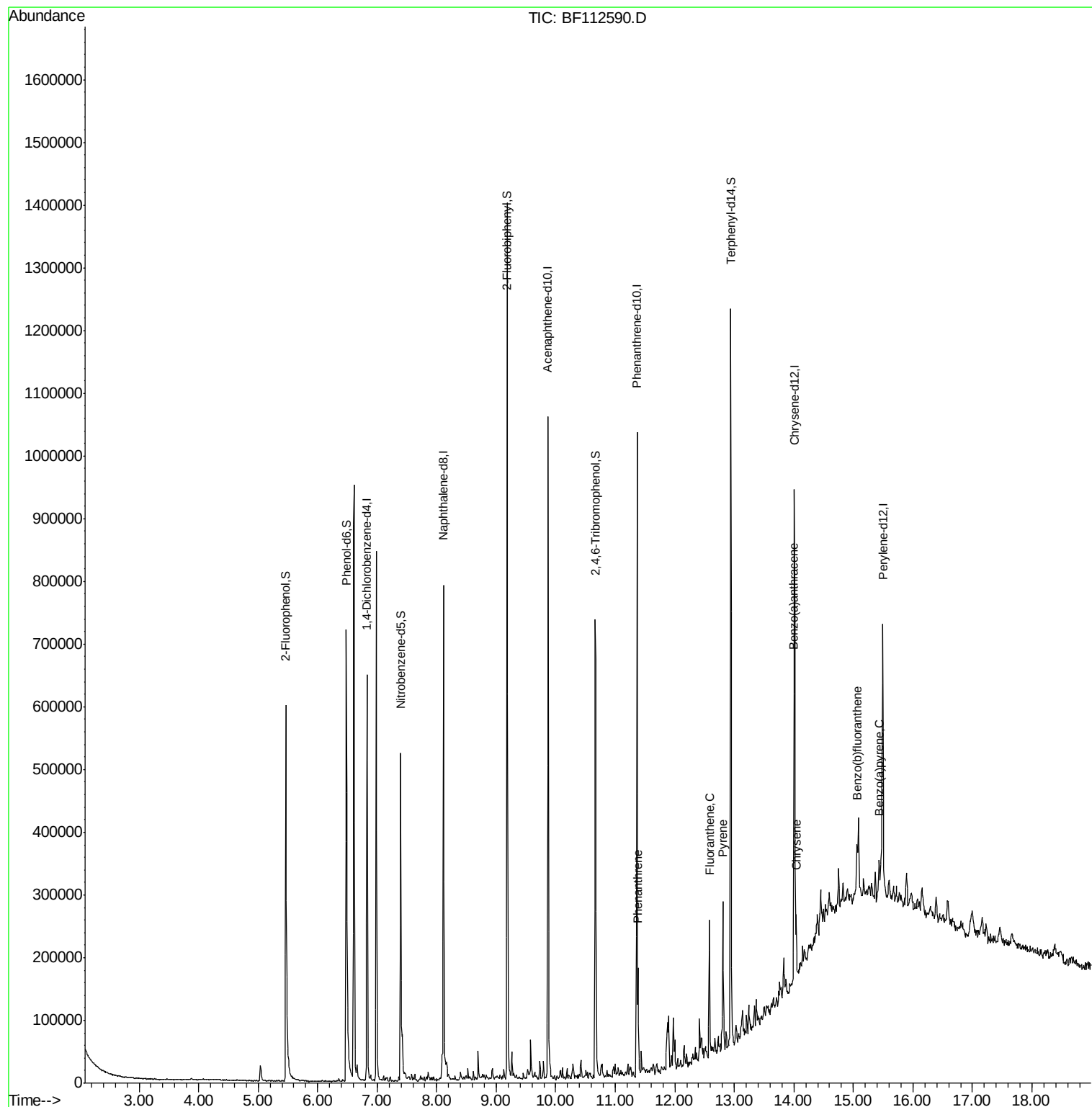
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021519\
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Misc :
ALS Vial : 14 Sample Multiplier: 1

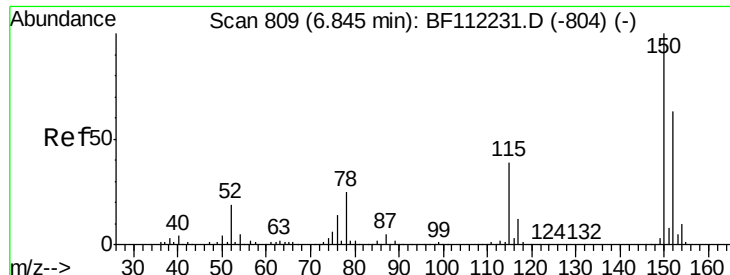
Instrument :
BNA_F
ClientSampleId :
CL-01-021419-D

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Quant Time: Feb 16 00:09:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

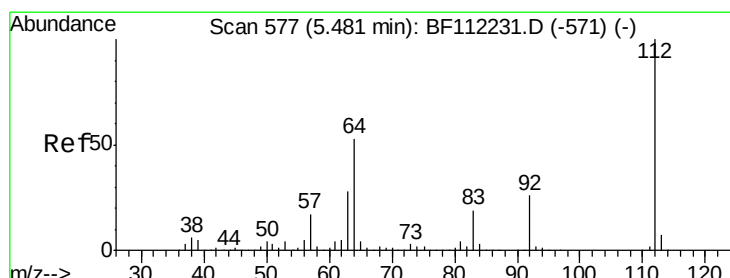
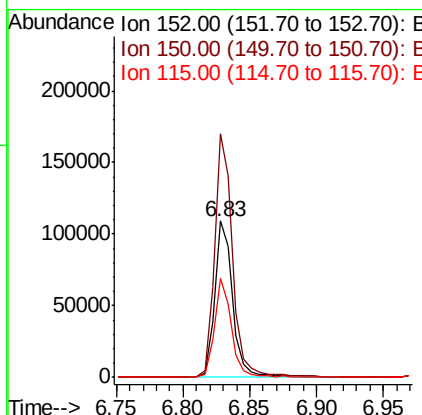
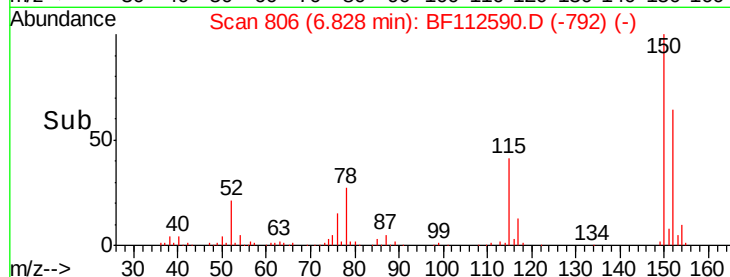
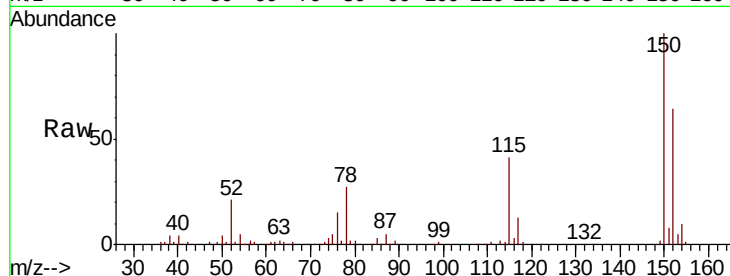
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.02 min
Lab File: BF112590.D
Acq: 15 Feb 2019 20:32

Instrument :
BNA_F
ClientSampleId :
CL-01-021419-D

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	127.4	191.0
115	63.1	45.5	68.3

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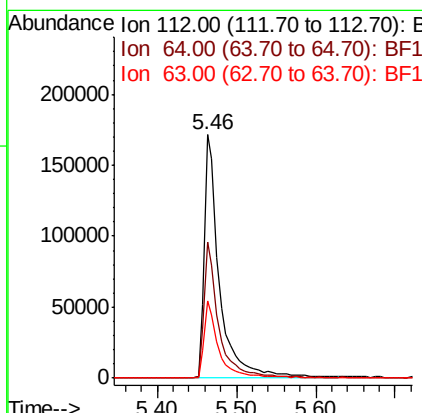
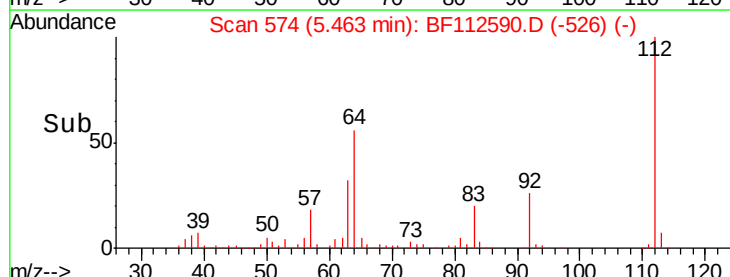
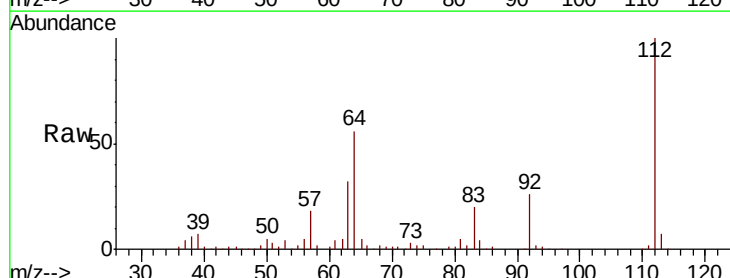
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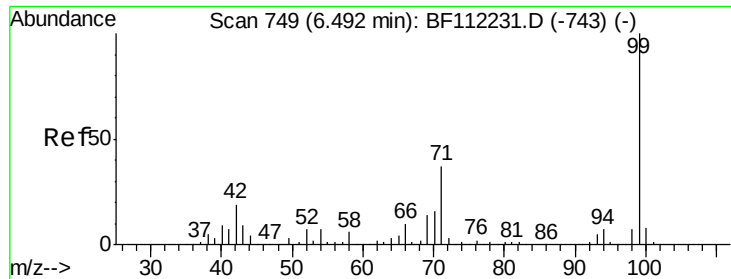


#5

2-Fluorophenol
Concen: 47.591 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.02 min
Lab File: BF112590.D
Acq: 15 Feb 2019 20:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.8	45.7	68.5
63	31.6	23.6	35.4





#7

Phenol-d6

Concen: 45.595 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112590.D

Acq: 15 Feb 2019 20:32

Instrument :

BNA_F

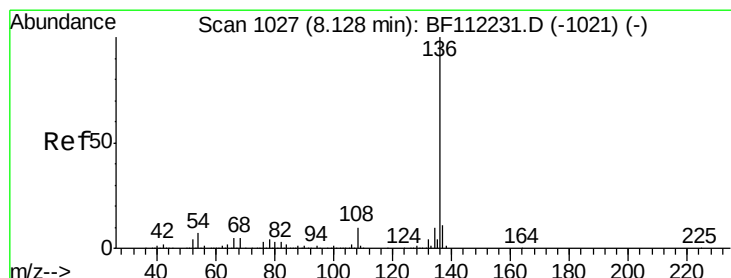
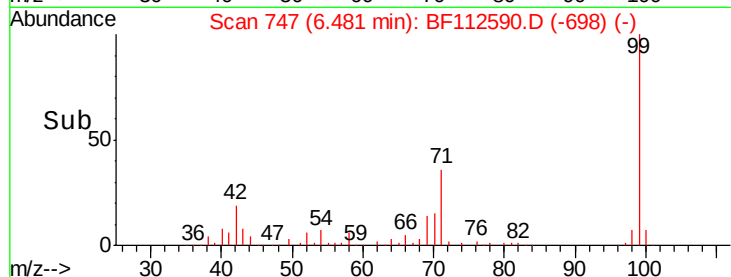
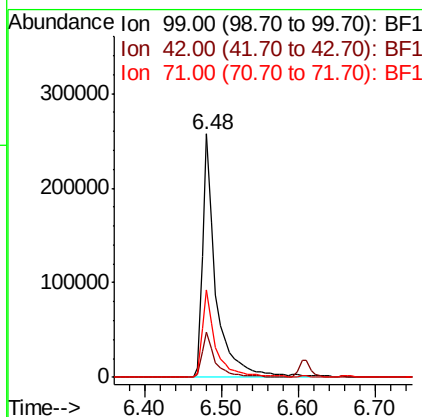
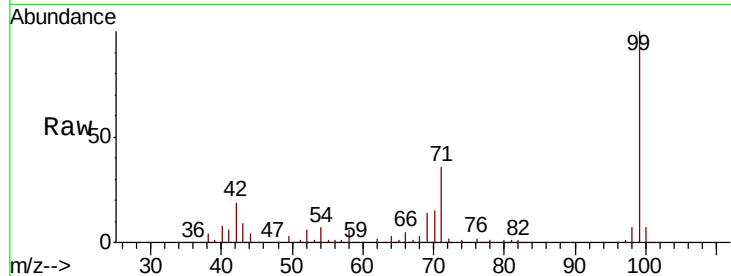
ClientSampleId :

CL-01-021419-D

Tot Ion:	99	Resp:	311091
Ion Ratio	Lower	Upper	
99	100		
42	18.6	15.1	22.7
71	36.1	26.9	40.3

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#21

Naphthalene-d8

Concen: 20.000 ng

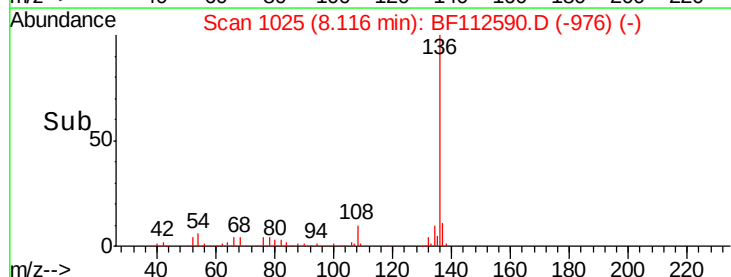
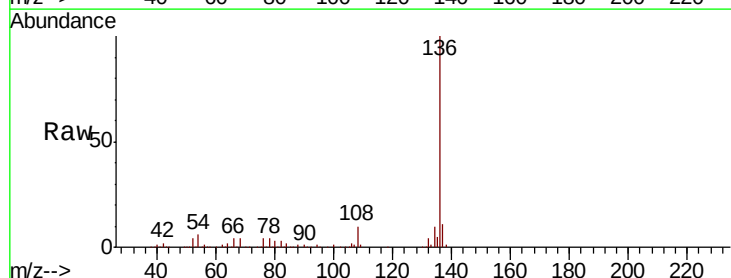
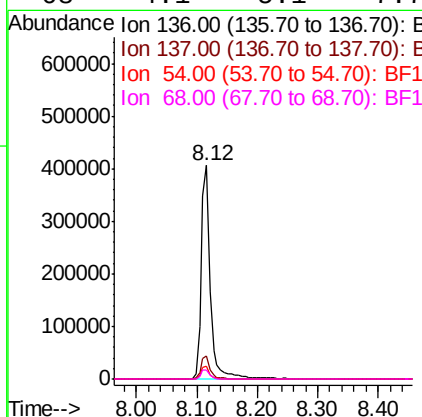
RT: 8.12 min Scan# 1025

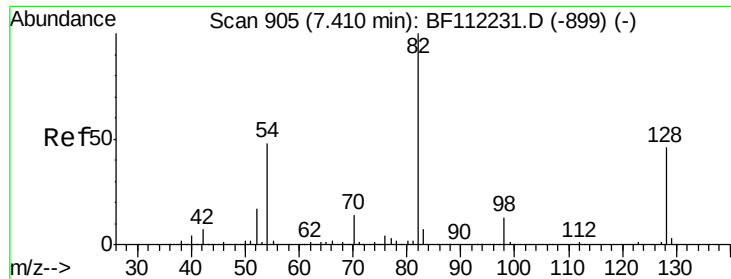
Delta R.T. -0.01 min

Lab File: BF112590.D

Acq: 15 Feb 2019 20:32

Tgt Ion:	136	Resp:	428595
Ion Ratio	Lower	Upper	
136	100		
137	10.6	9.1	13.7
54	5.7	5.9	8.9#
68	4.1	5.1	7.7#





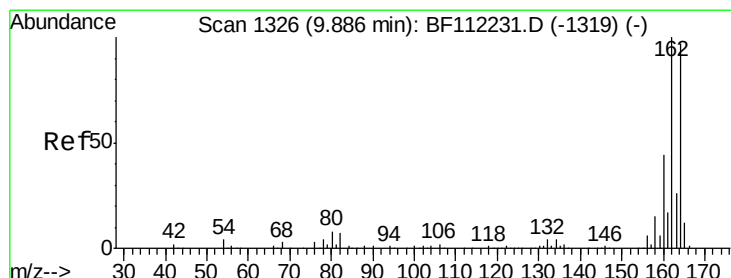
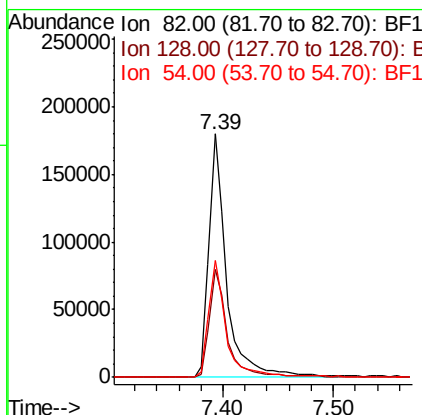
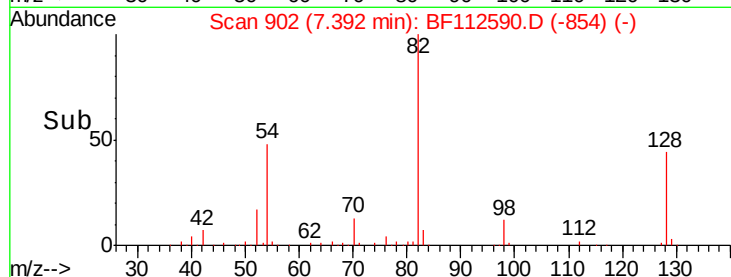
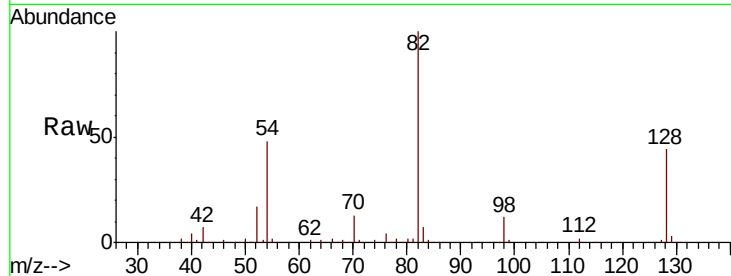
#23
 Nitrobenzene-d5
 Concen: 26.332 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.02 min
 Lab File: BF112590.D
 Acq: 15 Feb 2019 20:32

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-021419-D

Tot Ion	Ratio	Resp	Lower	Upper
82	100	195863		
128	44.4	37.8	56.8	
54	48.1	39.7	59.5	

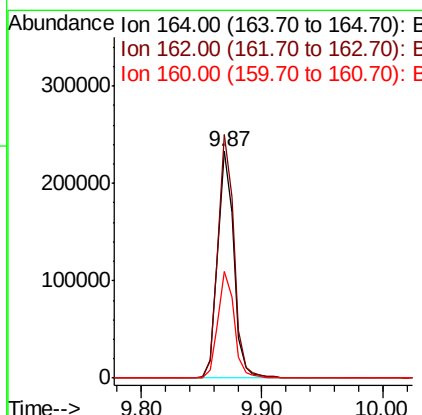
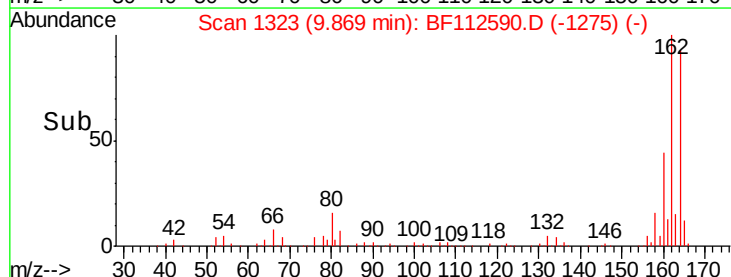
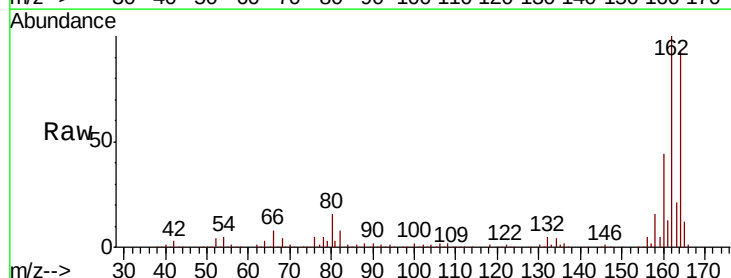
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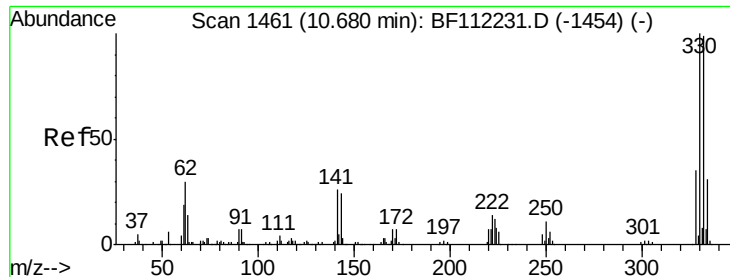
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF112590.D
 Acq: 15 Feb 2019 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	212661		
162	107.5	82.2	123.4	
160	46.9	36.2	54.4	





#42

2,4,6-Tribromophenol

Concen: 40.791 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF112590.D

Acq: 15 Feb 2019 20:32

Instrument :

BNA_F

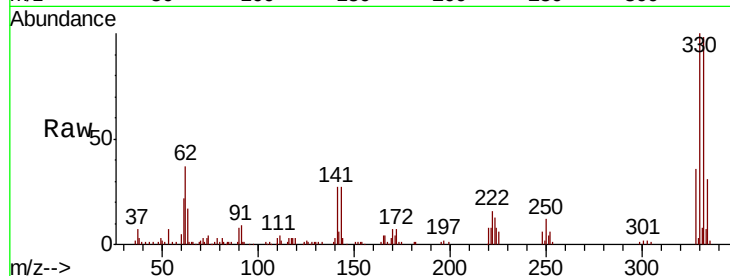
ClientSampled :

CL-01-021419-D

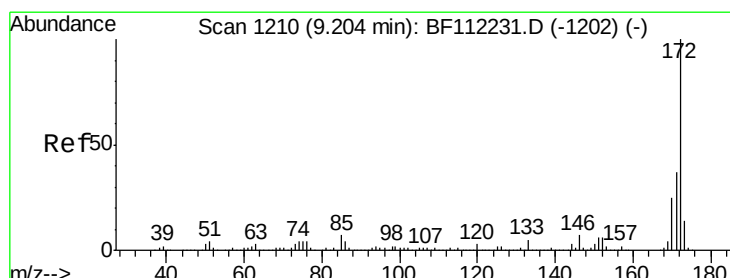
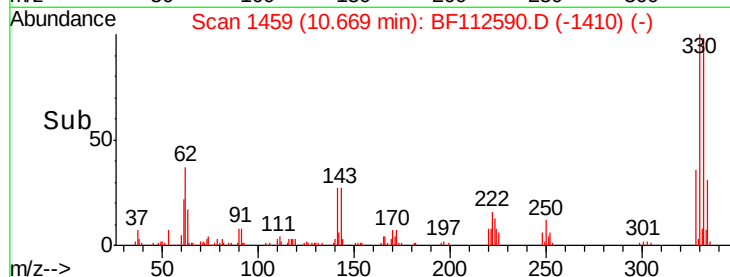
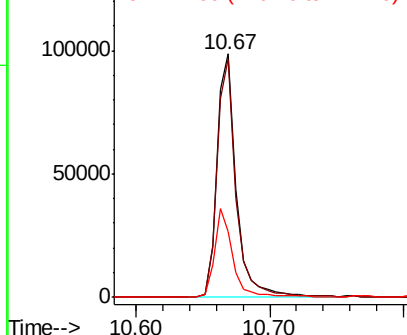
Tot Ion:	330	Resp:	100970
Ion Ratio	Lower	Upper	
330	100		
332	96.9	76.6	114.8
141	34.4	24.3	36.5

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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 28.575 ng

RT: 9.19 min Scan# 1207

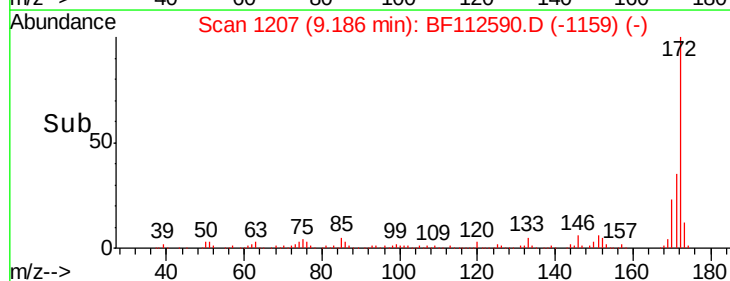
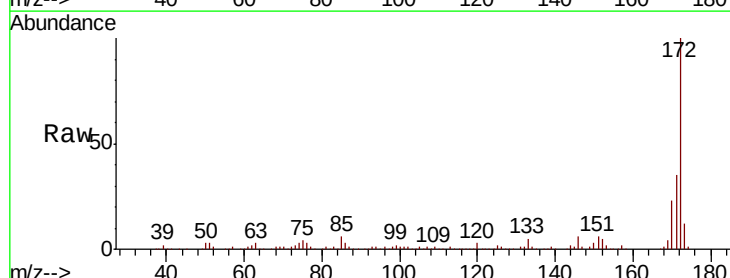
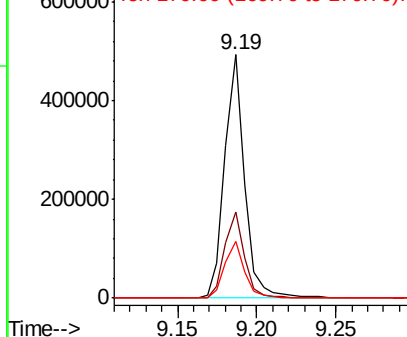
Delta R.T. -0.02 min

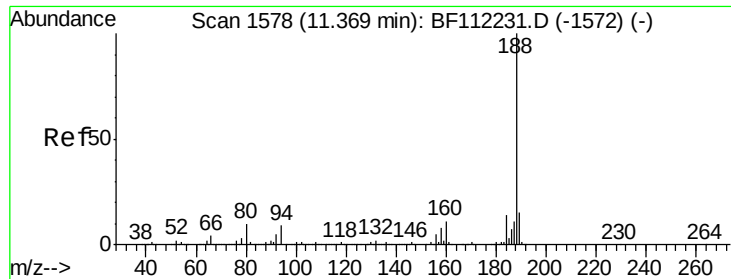
Lab File: BF112590.D

Acq: 15 Feb 2019 20:32

Tgt Ion:	172	Resp:	429655
Ion Ratio	Lower	Upper	
172	100		
171	35.3	30.5	45.7
170	23.3	20.2	30.4

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





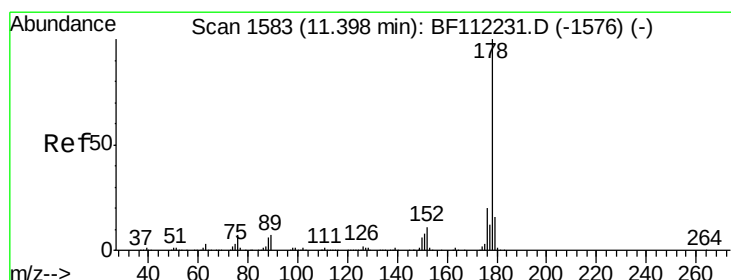
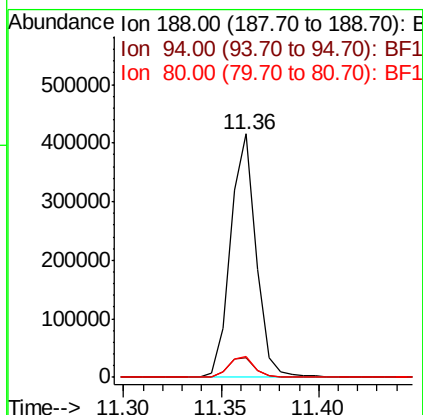
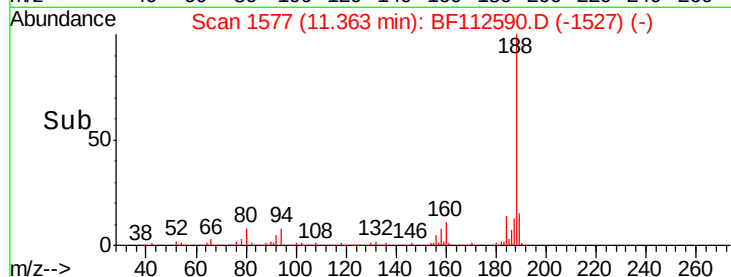
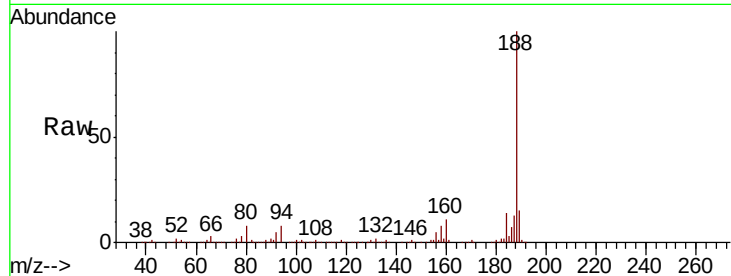
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF112590.D
Acq: 15 Feb 2019 20:32

Instrument :
BNA_F
ClientSampleId :
CL-01-021419-D

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.0	8.2	12.2#
80	8.4	8.9	13.3#

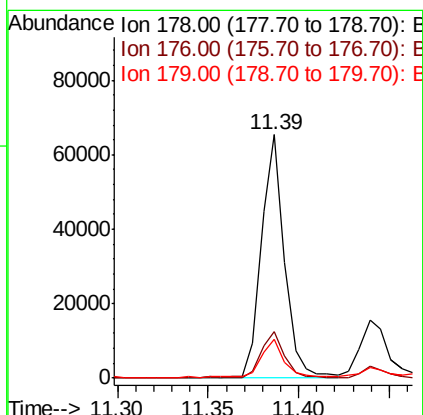
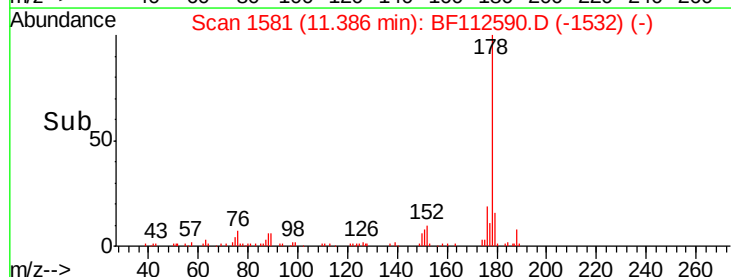
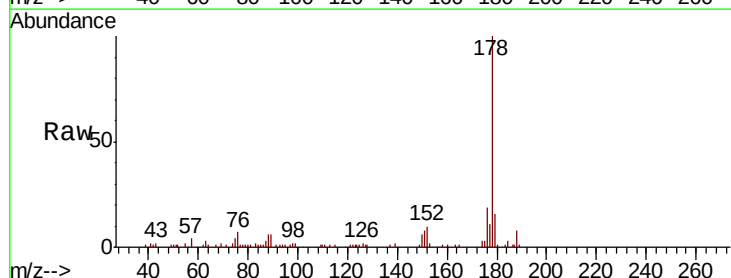
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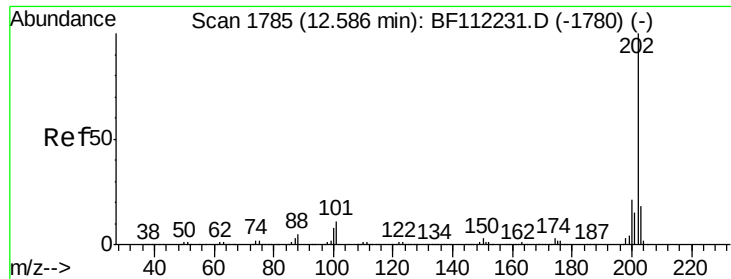
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#71
Phenanthrene
Concen: 2.979 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF112590.D
Acq: 15 Feb 2019 20:32

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	19.0	16.3	24.5
179	15.7	13.0	19.4





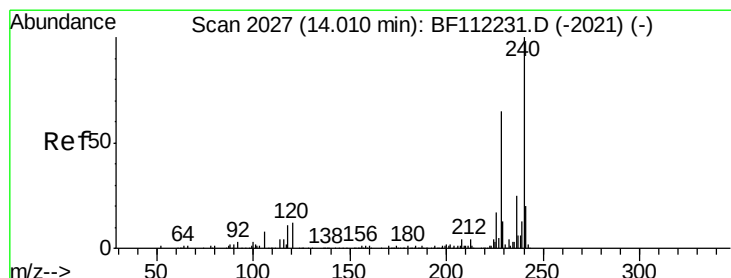
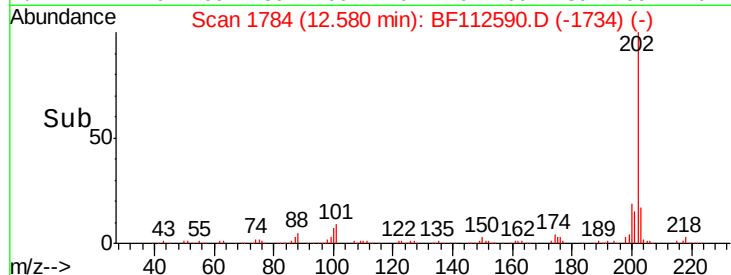
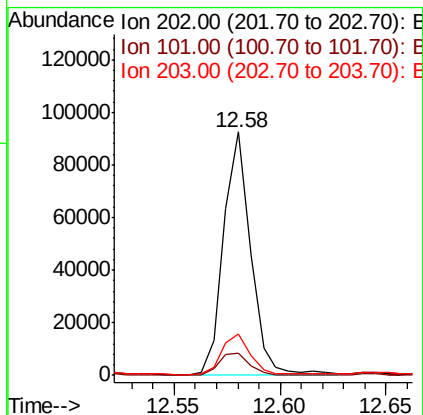
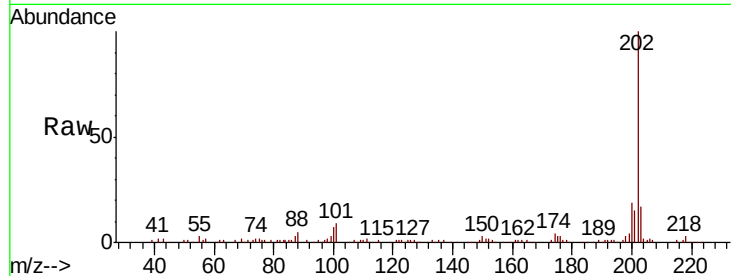
#75
Fluoranthene
Concen: 3.964 ng
RT: 12.58 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BF112590.D
Acq: 15 Feb 2019 20:32

Instrument :
BNA_F
ClientSampleId :
CL-01-021419-D

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		83181		
101	9.3	0.0	31.8		
203	17.2	0.0	38.4		

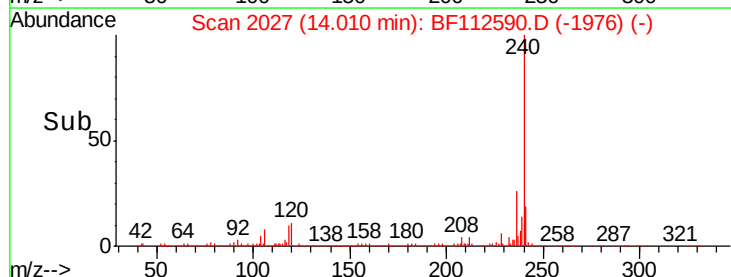
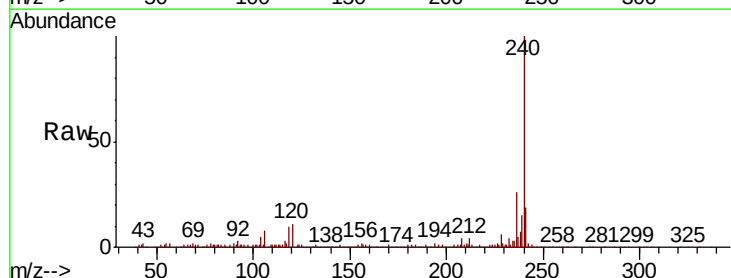
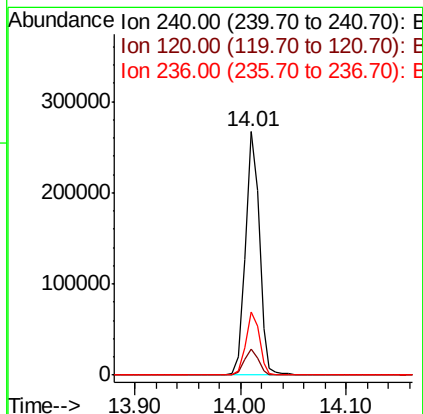
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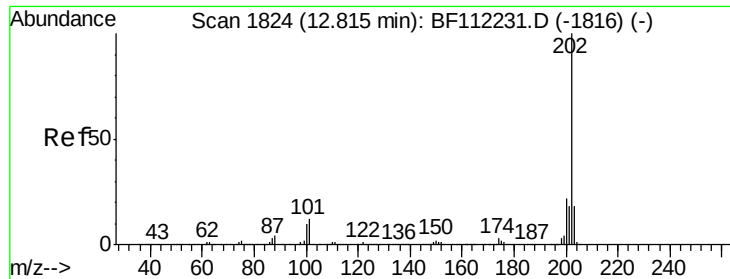
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BF112590.D
Acq: 15 Feb 2019 20:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		243318		
120	10.7	9.0	13.6		
236	26.0	20.7	31.1		





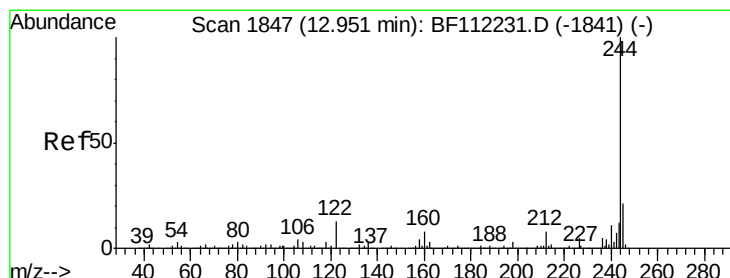
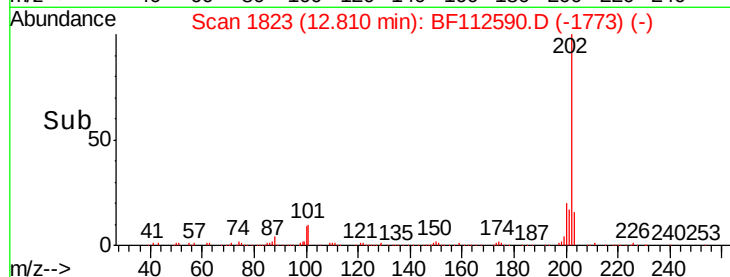
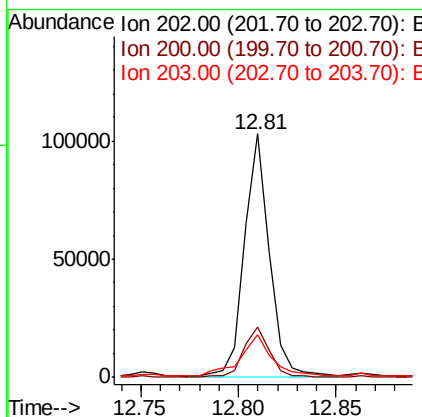
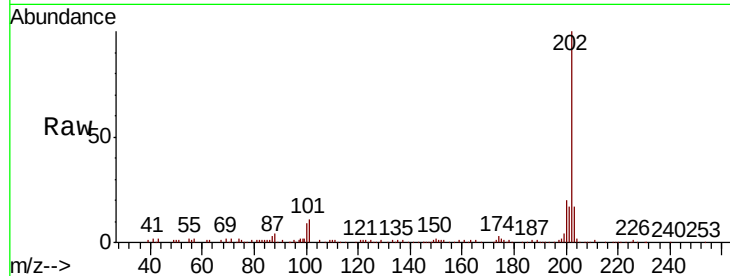
#78
Pvrene
Concen: 5.394 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BF112590.D
Acq: 15 Feb 2019 20:32

Instrument :
BNA_F
ClientSampleId :
CL-01-021419-D

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.7	26.5
203	17.5	14.6	22.0

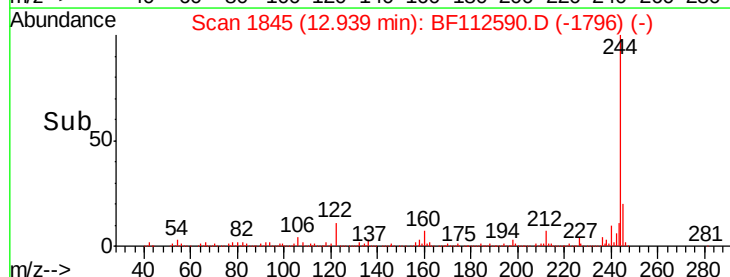
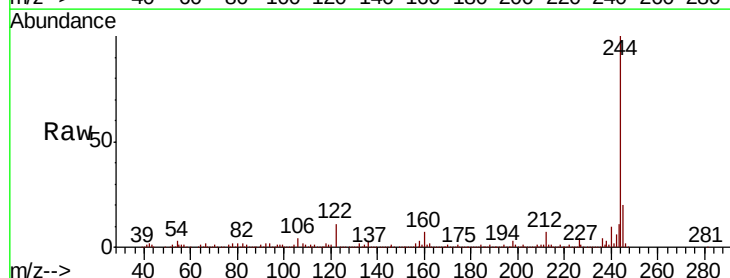
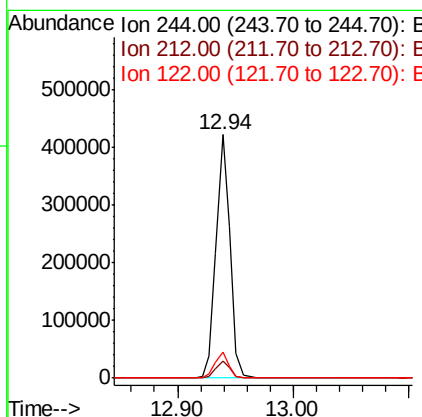
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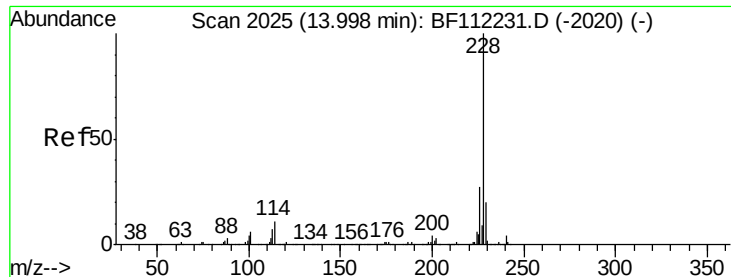
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#79
Terphenyl-d14
Concen: 27.346 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF112590.D
Acq: 15 Feb 2019 20:32

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.9	8.9
122	10.8	9.8	14.6





#81

Benzo(a)anthracene

Concen: 2.880 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF112590.D

Acq: 15 Feb 2019 20:32

Instrument :

BNA_F

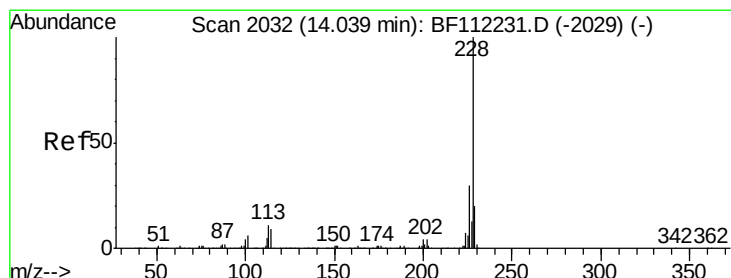
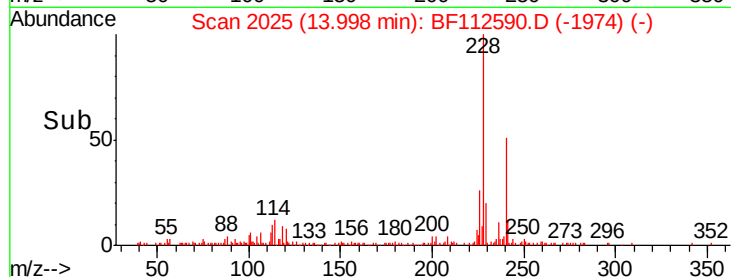
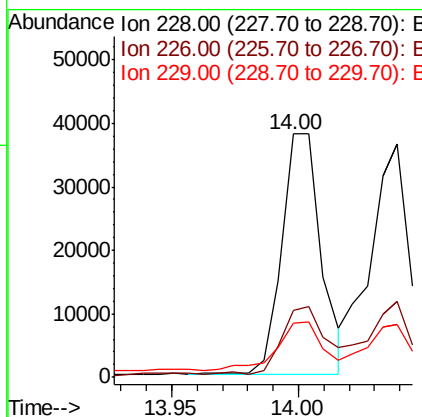
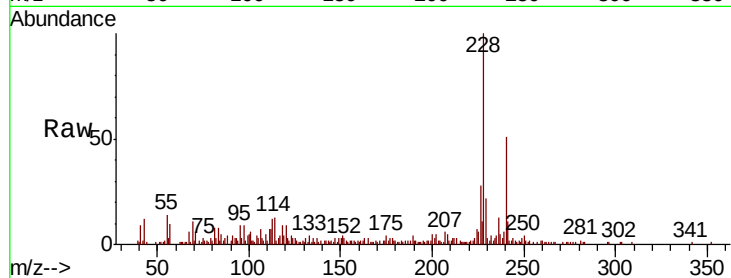
ClientSampled :

CL-01-021419-D

Tot Ion:	228	Resp:	41201
Ion Ratio	Lower	Upper	
228	100		
226	27.8	22.6	34.0
229	22.2	16.5	24.7

Manual Integrations
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#83

Chrysene

Concen: 2.908 ng

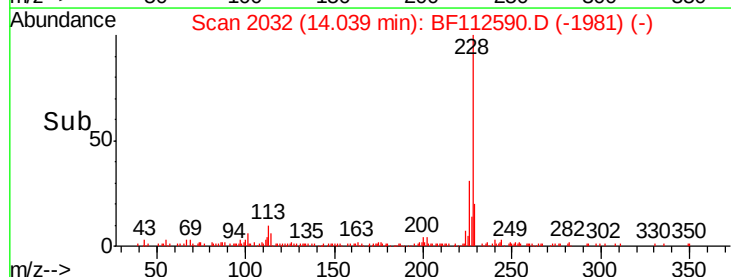
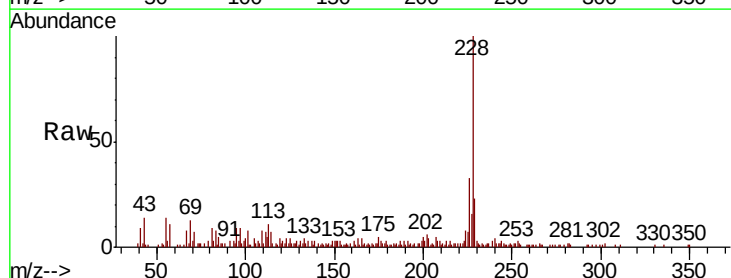
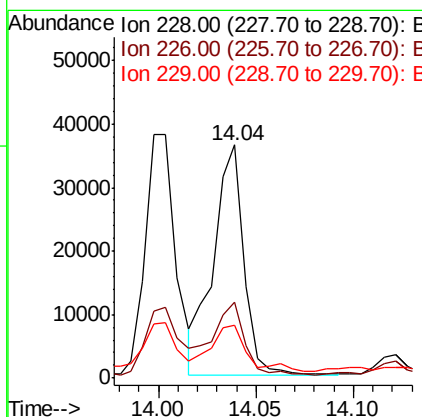
RT: 14.04 min Scan# 2032

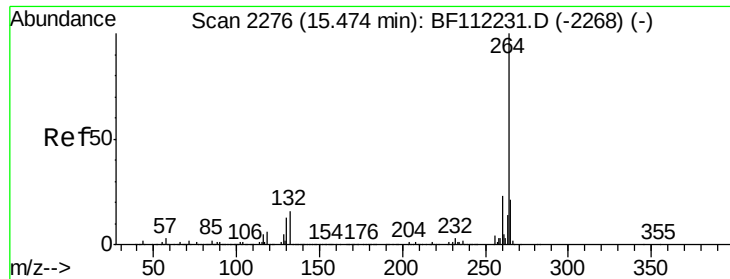
Delta R.T. 0.00 min

Lab File: BF112590.D

Acq: 15 Feb 2019 20:32

Tgt Ion:	228	Resp:	39700
Ion Ratio	Lower	Upper	
228	100		
226	32.8	25.0	37.6
229	22.9	16.6	24.8





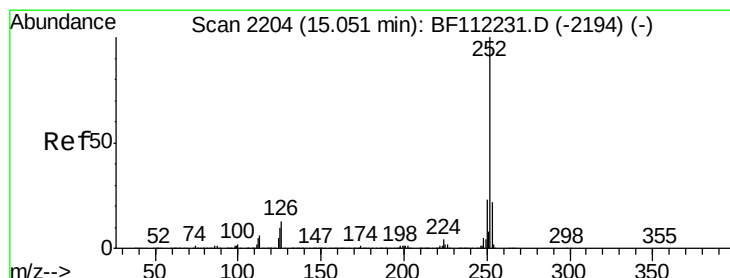
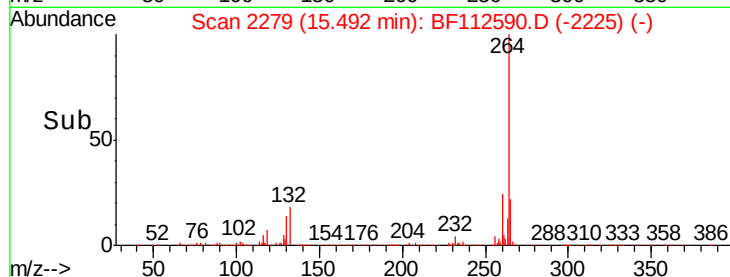
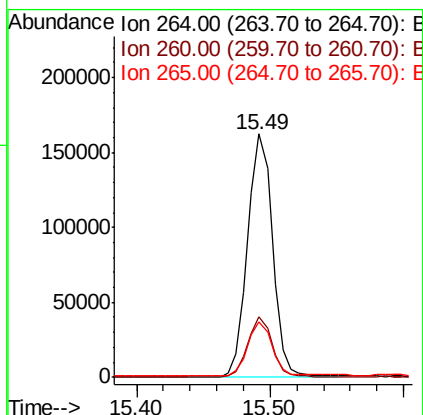
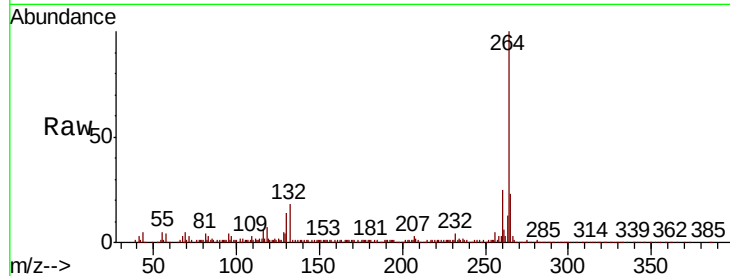
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.02 min
Lab File: BF112590.D
Acq: 15 Feb 2019 20:32

Instrument :
BNA_F
ClientSampleId :
CL-01-021419-D

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.2	27.2
265	22.7	17.0	25.4

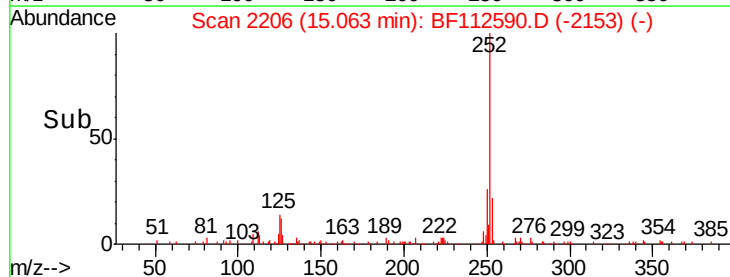
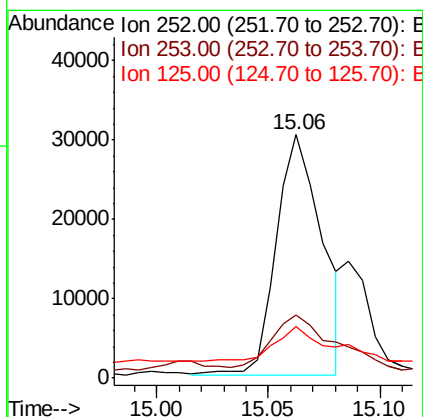
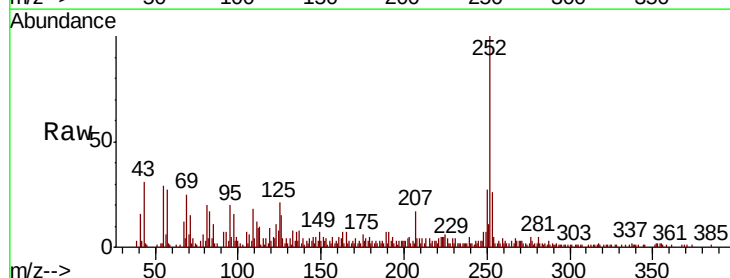
Manual Integrations
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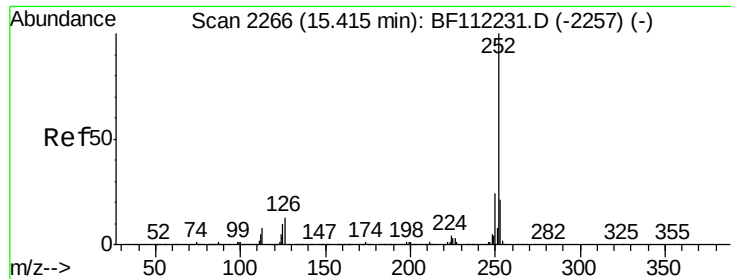
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#88
Benzo(b)fluoranthene
Concen: 3.462 ng m
RT: 15.06 min Scan# 2206
Delta R.T. 0.01 min
Lab File: BF112590.D
Acq: 15 Feb 2019 20:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.0	18.0	27.0
125	21.3	8.7	13.1





#90
 Benzo(a)pyrene
 Concen: 2.707 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. 0.02 min
 Lab File: BF112590.D
 Acq: 15 Feb 2019 20:32

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-021419-D

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.1	17.5	26.3
125	18.2	9.0	13.4

Manual Integrations
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Sohil
 2/18/2019 12:06:38 PM

