

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082819\
 Data File : BF116616.D
 Acq On : 28 Aug 2019 15:50
 Operator : HP/JU
 Sample : K4521-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PX-05

Manual Integrations
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Jagrut
 8/29/2019 7:46:53 PM

Quant Time: Aug 29 01:39:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 28 13:34:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	85029	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	323520	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	160173	20.00	ng	-0.01
64) Phenanthrene-d10	11.37	188	243293	20.00	ng	0.00
76) Chrysene-d12	14.00	240	166405	20.00	ng	0.00
87) Perylene-d12	15.46	264	224622	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	501904	101.95	ng	0.00
7) Phenol-d6	6.49	99	645289	96.69	ng	0.00
23) Nitrobenzene-d5	7.42	82	399146	70.60	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	109993	72.16	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	682908	70.95	ng	0.00
79) Terphenyl-d14	12.96	244	502430	49.10	ng	0.00
Target Compounds						
10) Phenol	6.50	94	31182	4.259	ng	98
50) Dimethylphthalate	9.60	163	55073	5.114	ng	98
71) Phenanthrene	11.40	178	167849	12.844	ng	99
72) Anthracene	11.45	178	36426	2.788	ng	99
75) Fluoranthene	12.59	202	151755	12.949	ng	98
78) Pyrene	12.81	202	127454	8.329	ng	99
81) Benzo(a)anthracene	14.00	228	71826	6.474	ng	97
83) Chrysene	14.03	228	63448	5.842	ng	98
86) Indeno(1,2,3-cd)pyrene	16.90	276	38314	8.092	ng	99
88) Benzo(b)fluoranthene	15.04	252	85811m	6.221	ng	
89) Benzo(k)fluoranthene	15.06	252	26231m	2.001	ng	
90) Benzo(a)pyrene	15.40	252	64035	5.201	ng	# 88
92) Benzo(a,h,i)perylene	17.34	276	34830	2.916	ng	95

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

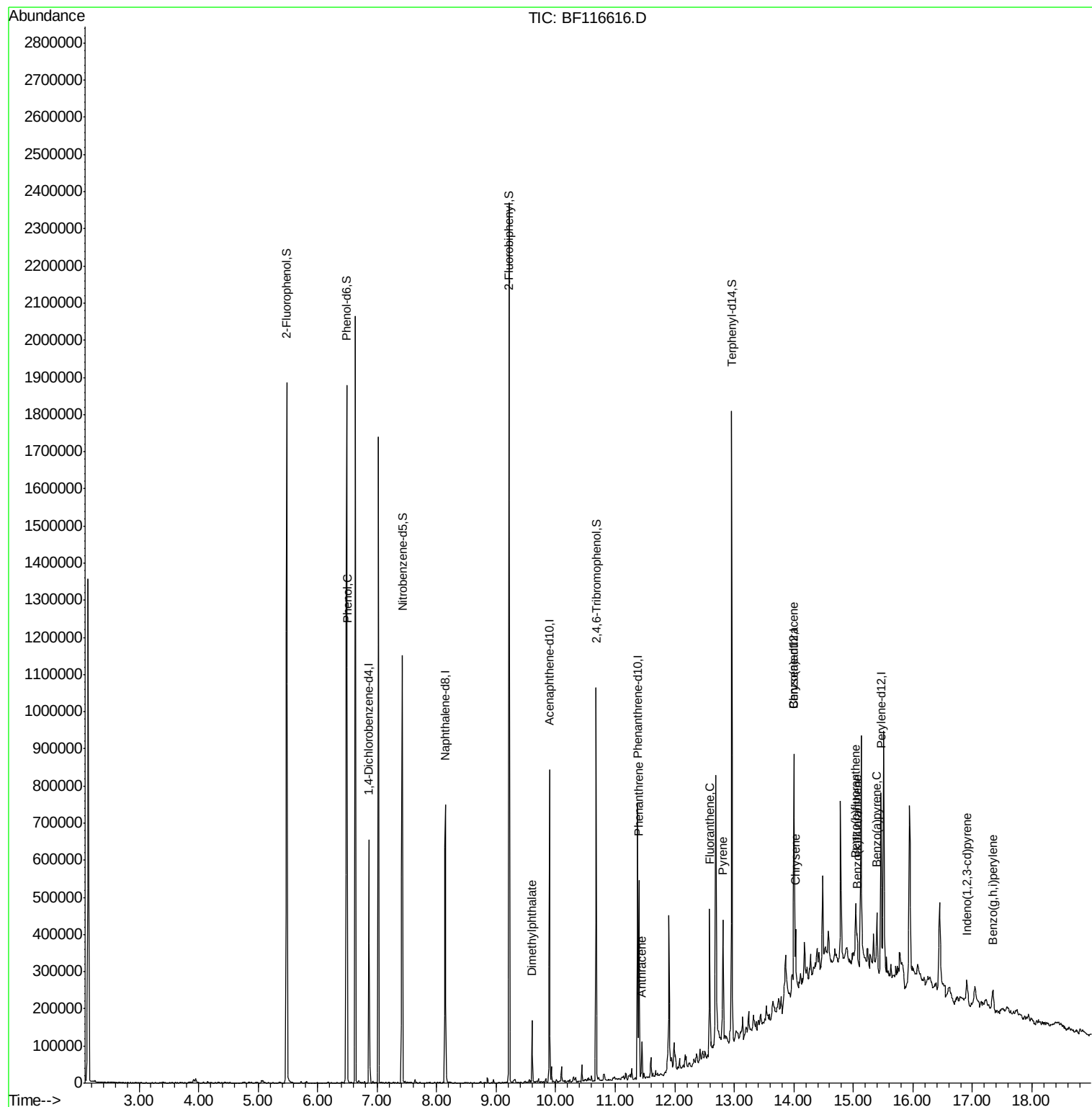
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082819\
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ALS Vial : 14 Sample Multiplier: 1

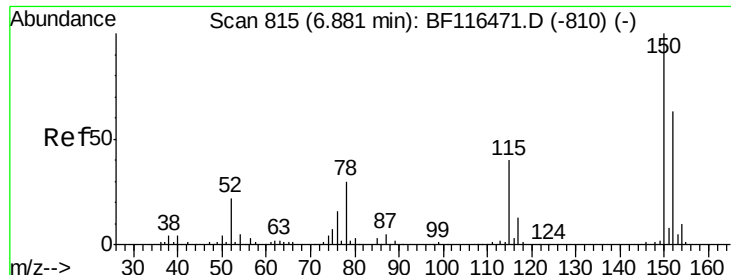
Instrument :
BNA_F
ClientSampled :
PX-05

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Quant Time: Aug 29 01:39:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 28 13:34:15 2019
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#1

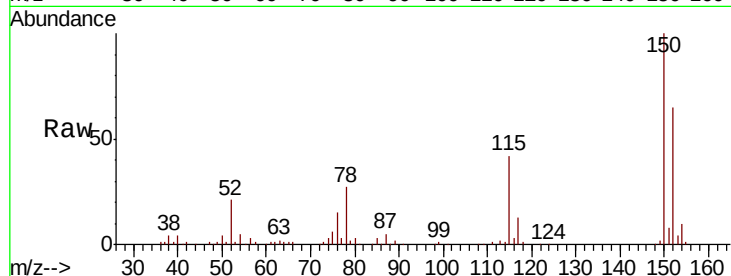
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF116616.D
Acq: 28 Aug 2019 15:50

Instrument :
BNA_F
ClientSampled :
PX-05

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	123.4	185.2
115	64.8	48.2	72.2

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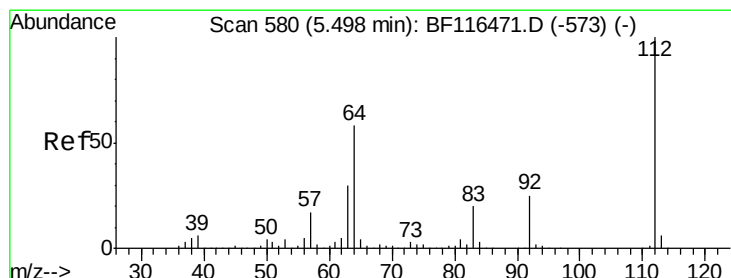
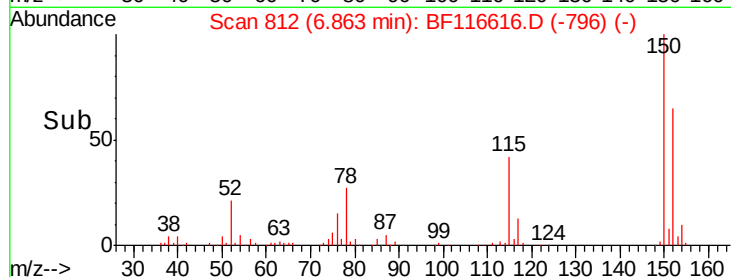
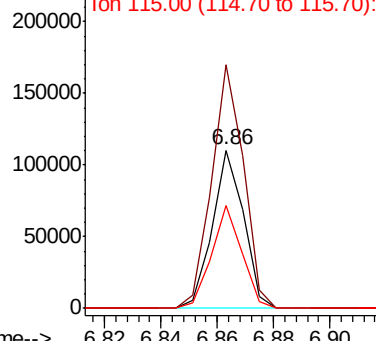


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

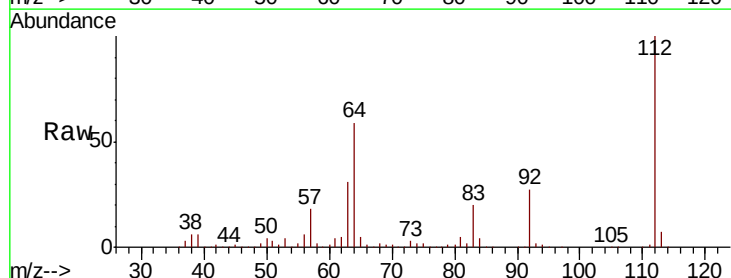
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 101.954 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF116616.D
Acq: 28 Aug 2019 15:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.1	48.0	72.0
63	31.2	24.6	36.8

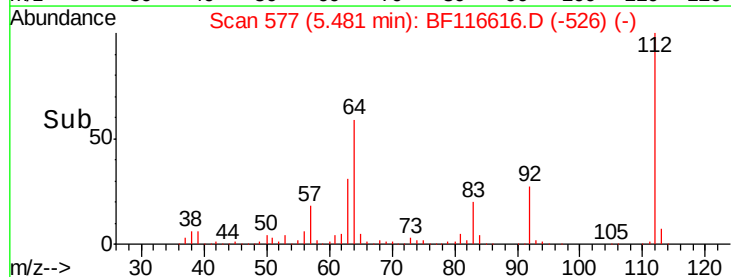
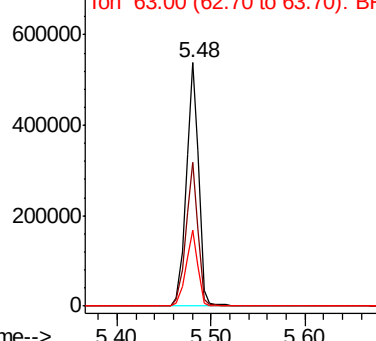


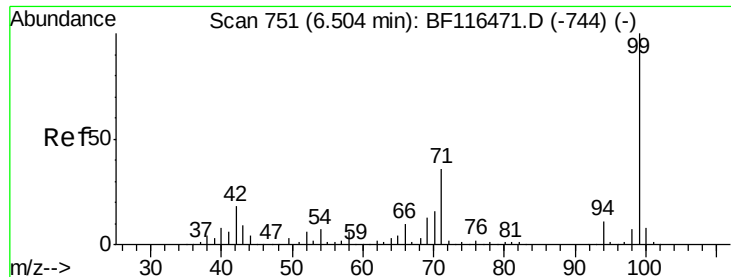
Abundance

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: 96.685 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF116616.D

Acq: 28 Aug 2019 15:50

Instrument :

BNA_F

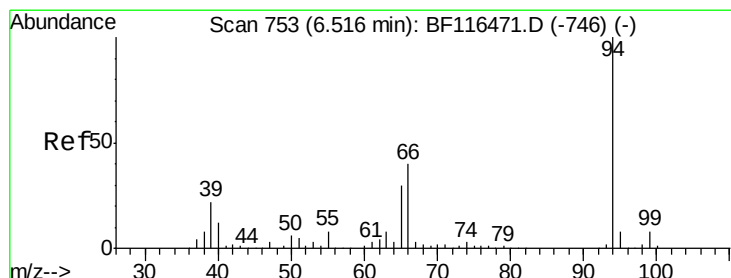
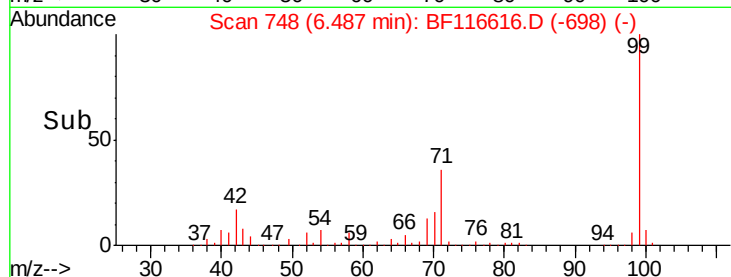
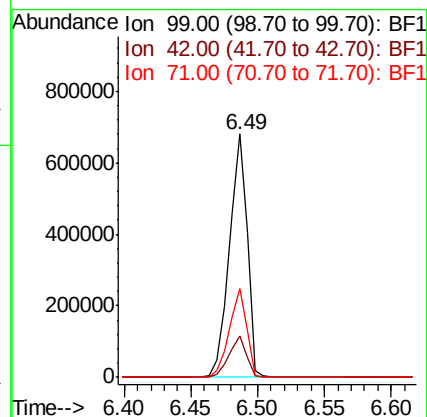
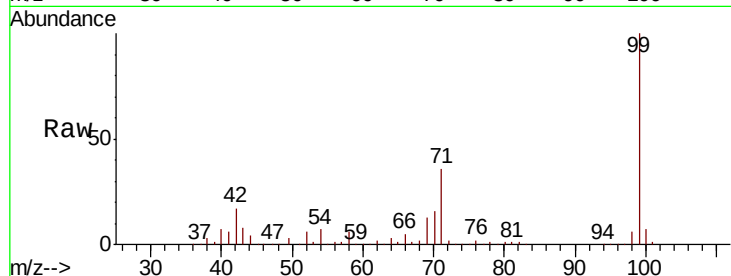
ClientSampled :

PX-05

Tot Ion:	99	Resp:	645289
Ion Ratio	Lower	Upper	
99	100		
42	17.2	13.2	19.8
71	36.2	27.4	41.2

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#10

Phenol

Concen: 4.259 ng

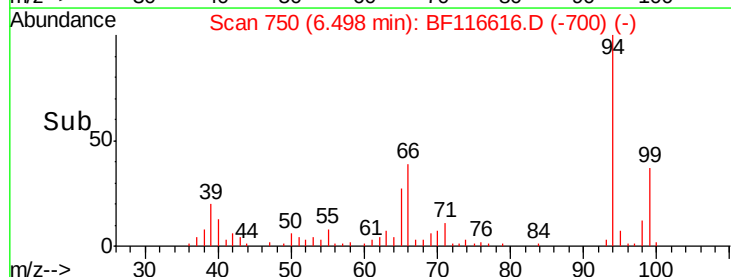
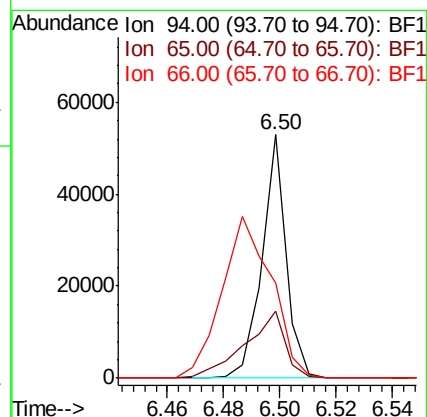
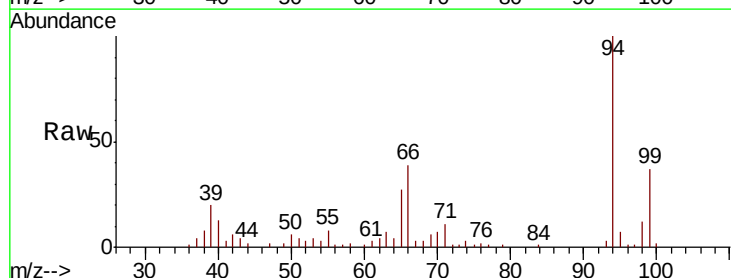
RT: 6.50 min Scan# 750

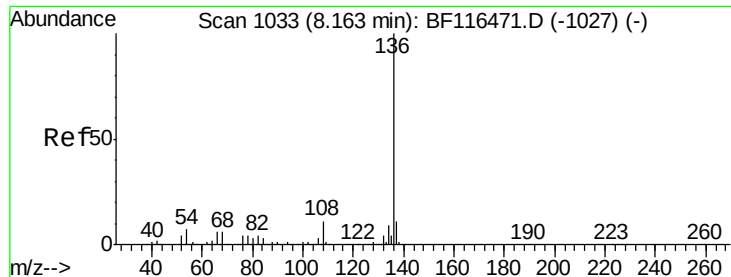
Delta R.T. -0.01 min

Lab File: BF116616.D

Acq: 28 Aug 2019 15:50

Tgt Ion:	94	Resp:	31182
Ion Ratio	Lower	Upper	
94	100		
65	27.5	8.6	48.6
66	39.0	18.0	58.0





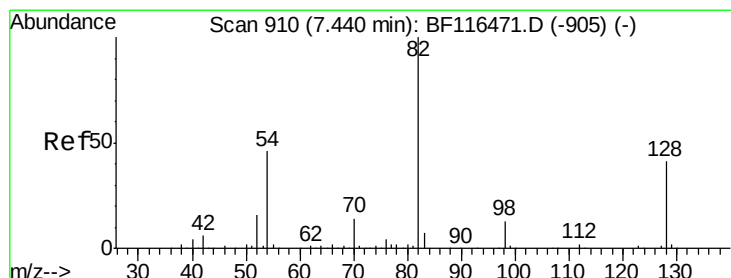
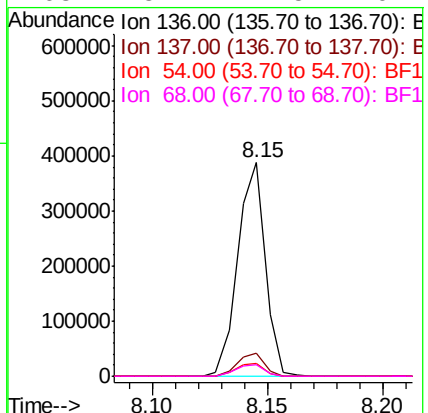
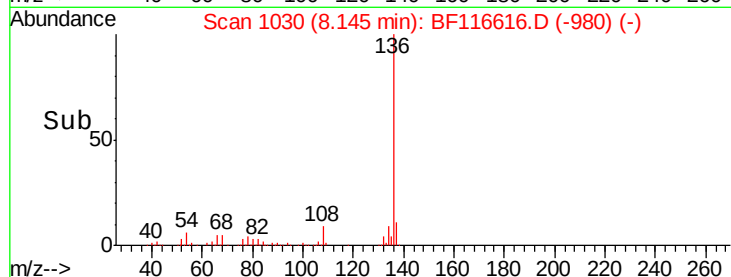
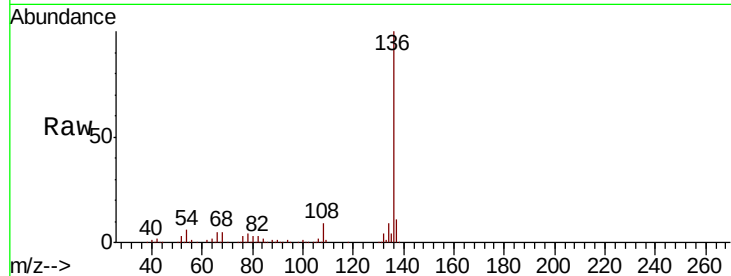
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF116616.D
Acq: 28 Aug 2019 15:50

Instrument :
BNA_F
ClientSampleId :
PX-05

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	10.6		8.7	13.1	
54	5.9		5.0	7.4	
68	5.4		4.5	6.7	

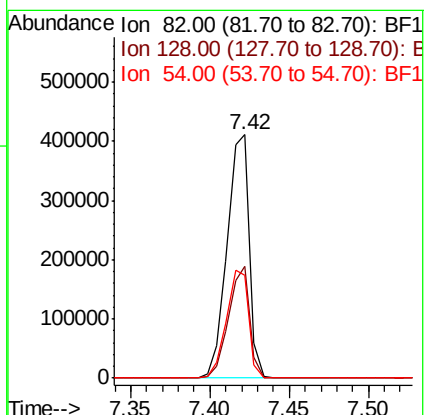
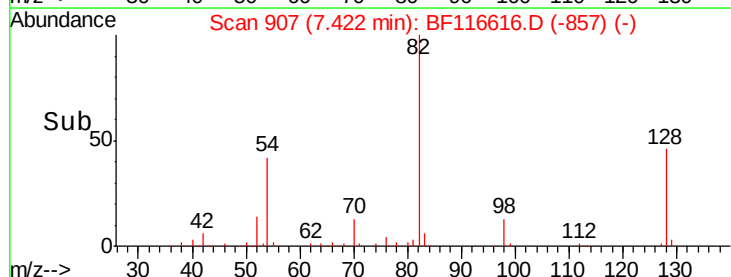
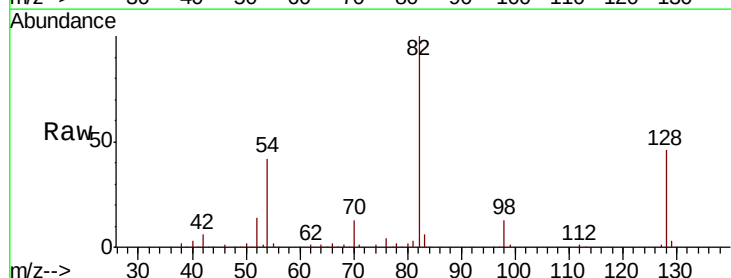
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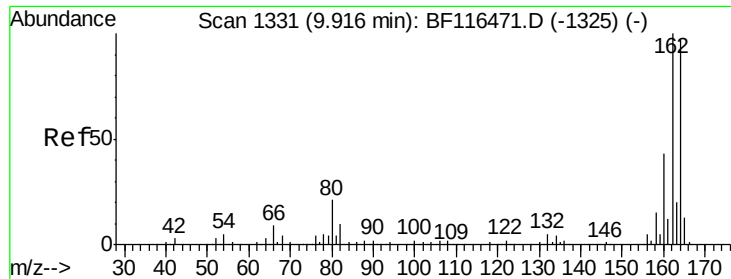
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#23
Nitrobenzene-d5
Concen: 70.596 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF116616.D
Acq: 28 Aug 2019 15:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100				
128	45.9		35.0	52.6	
54	42.0		34.4	51.6	





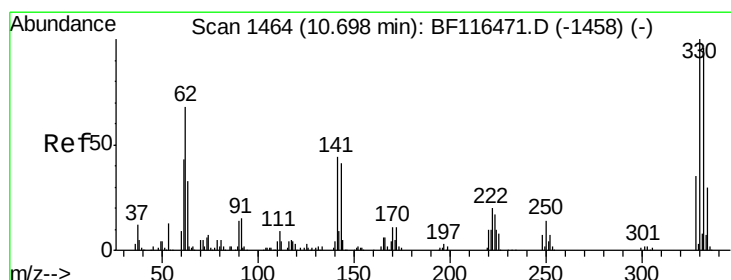
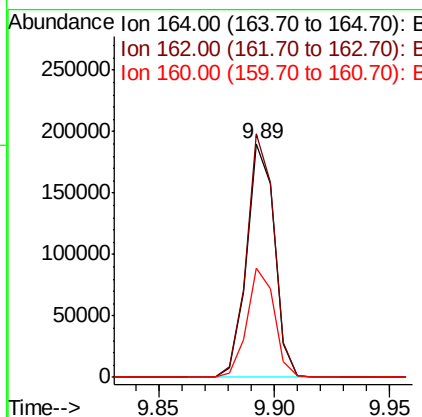
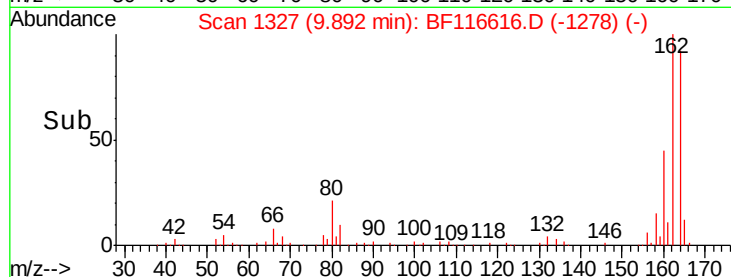
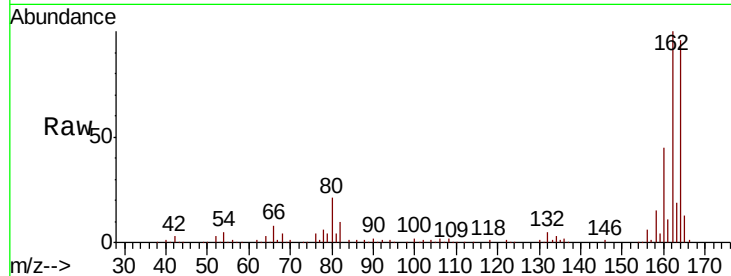
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF116616.D
Acq: 28 Aug 2019 15:50

Instrument :
BNA_F
ClientSampled :
PX-05

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.2	83.4	125.0	
160	46.7	37.0	55.4	

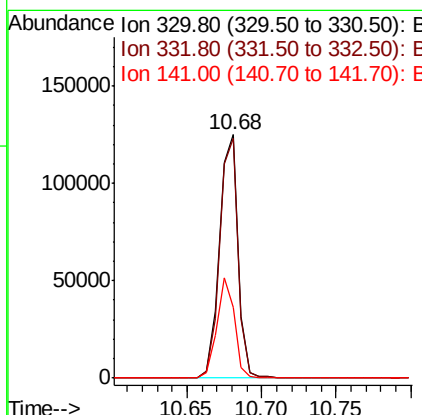
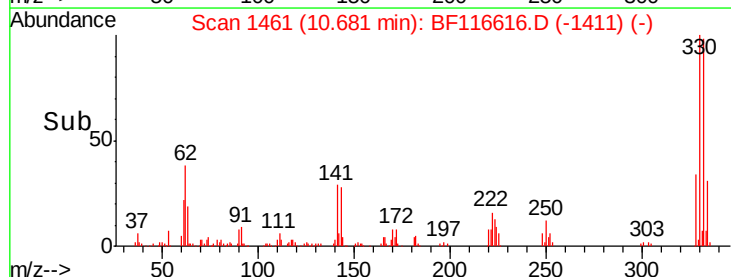
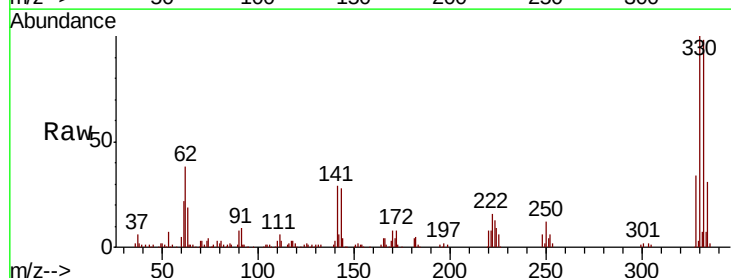
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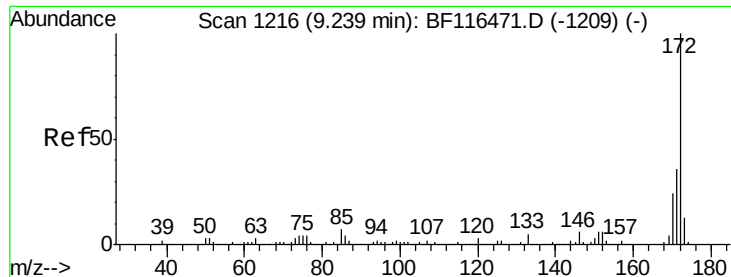
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#42
2,4,6-Tribromophenol
Concen: 72.163 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF116616.D
Acq: 28 Aug 2019 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.0	77.5	116.3	
141	38.5	28.2	42.2	





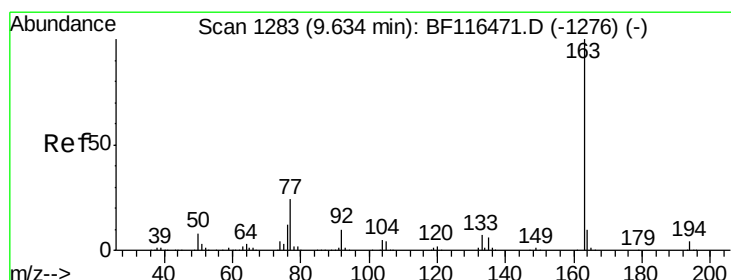
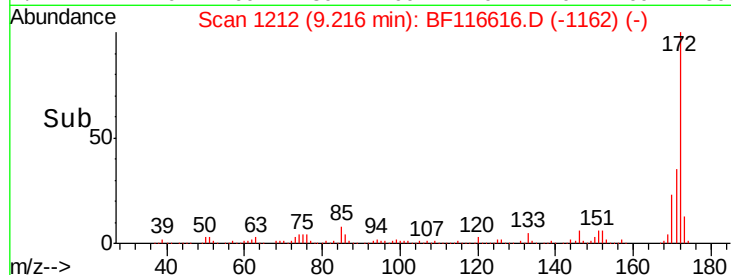
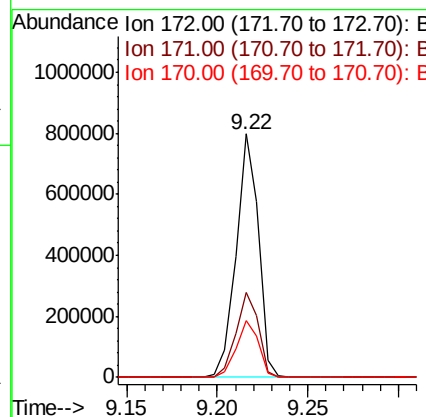
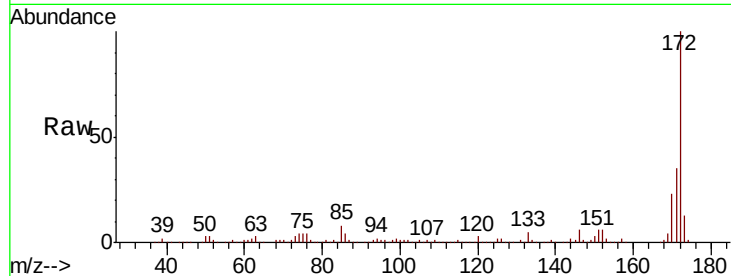
#45
2-Fluorobiphenyl
Concen: 70.954 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF116616.D
Acq: 28 Aug 2019 15:50

Instrument :
BNA_F
ClientSampled :
PX-05

Tot Ion	Ratio	Resp	Lower	Upper
172	100	682908		
171	35.1		29.0	43.6
170	23.4		19.3	28.9

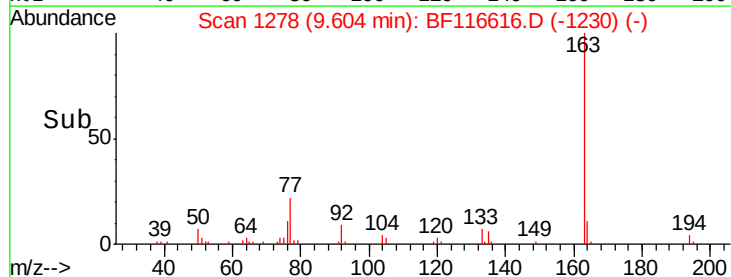
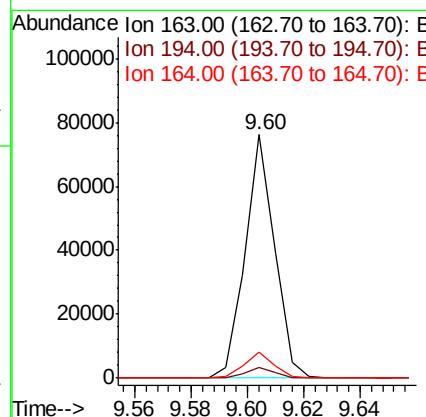
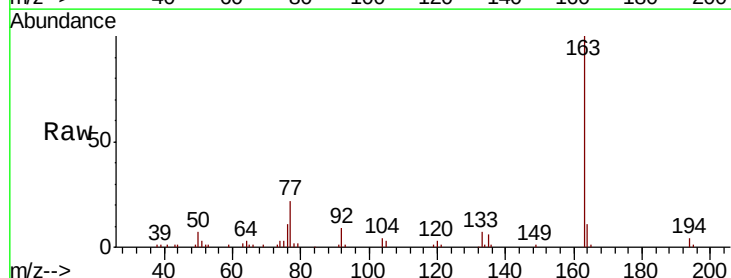
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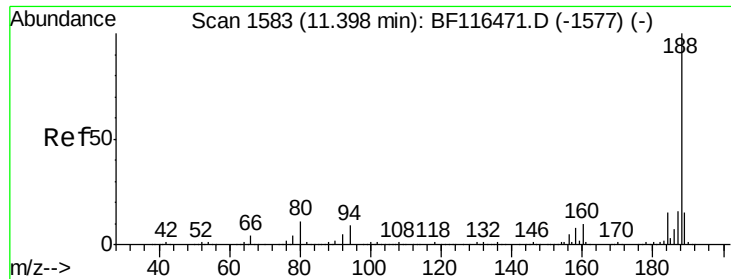
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#50
Dimethylphthalate
Concen: 5.114 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF116616.D
Acq: 28 Aug 2019 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	55073		
194	4.2		3.0	4.6
164	10.9		8.2	12.2





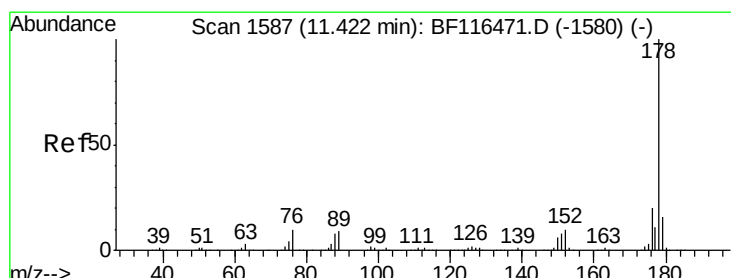
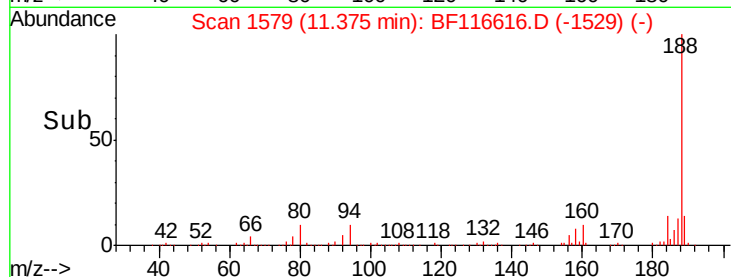
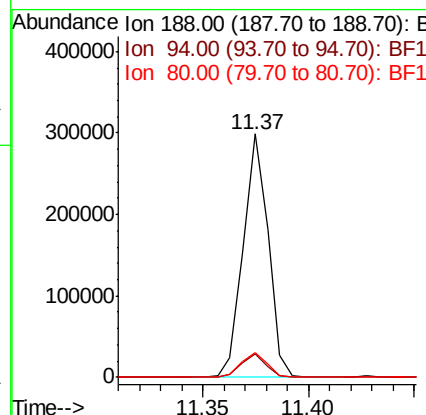
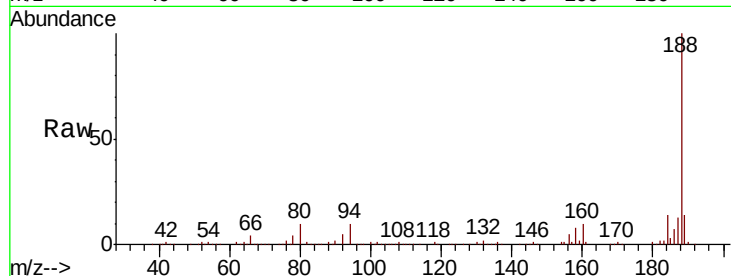
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF116616.D
Acq: 28 Aug 2019 15:50

Instrument :
BNA_F
ClientSampleId :
PX-05

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.5	8.2	12.4
80	10.4	8.9	13.3

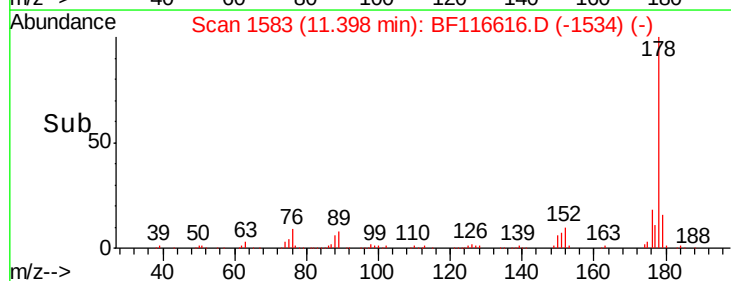
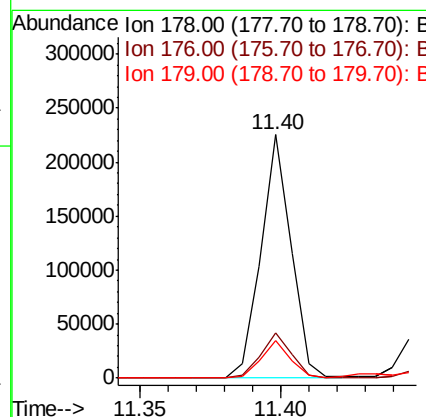
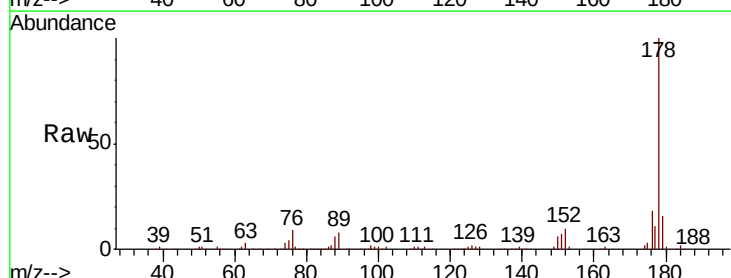
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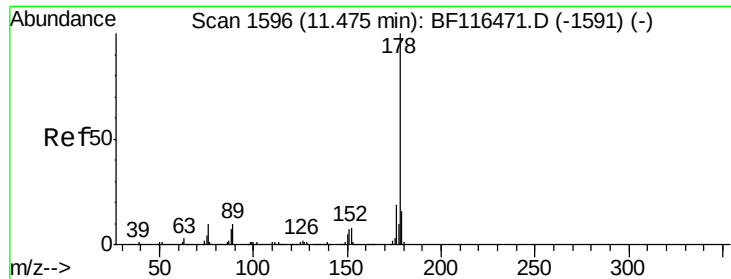
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#71
Phenanthrene
Concen: 12.844 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF116616.D
Acq: 28 Aug 2019 15:50

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	18.4	15.5	23.3
179	15.6	12.4	18.6





#72

Anthracene

Concen: 2.788 ng

RT: 11.45 min Scan# 1592

Delta R.T. -0.01 min

Lab File: BF116616.D

Acq: 28 Aug 2019 15:50

Instrument :

BNA_F

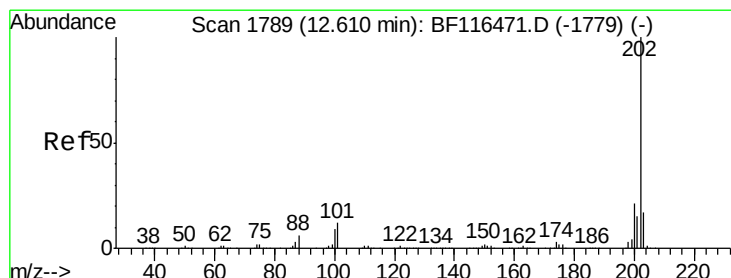
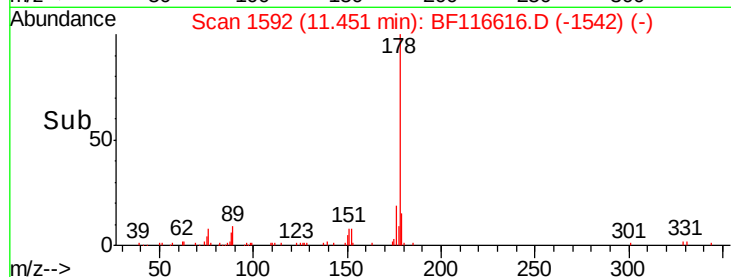
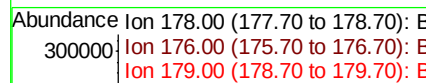
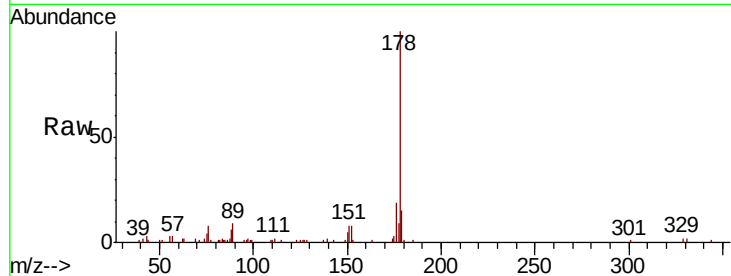
ClientSampleId :

PX-05

Tot Ion:	178	Resp:	36426
Ion Ratio	Lower	Upper	
178	100		
176	19.1	15.1	22.7
179	14.9	12.7	19.1

Manual Integrations
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#75

Fluoranthene

Concen: 12.949 ng

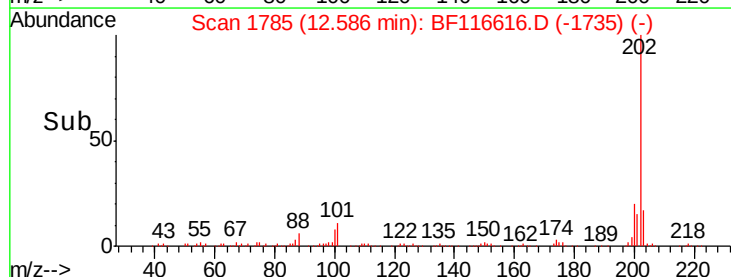
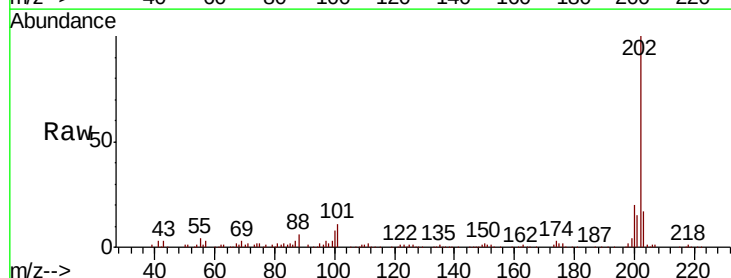
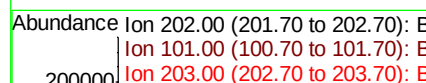
RT: 12.59 min Scan# 1785

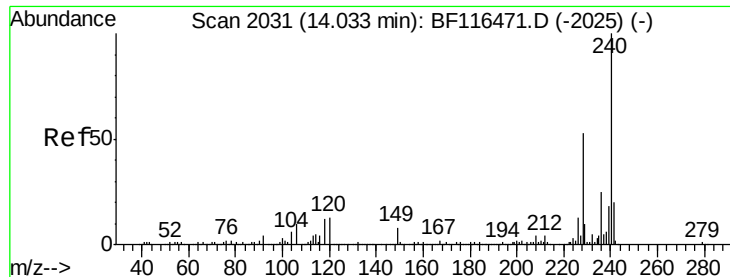
Delta R.T. -0.01 min

Lab File: BF116616.D

Acq: 28 Aug 2019 15:50

Tgt Ion:	202	Resp:	151755
Ion Ratio	Lower	Upper	
202	100		
101	10.5	0.0	31.8
203	17.4	0.0	37.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF116616.D

Acq: 28 Aug 2019 15:50

Instrument :

BNA_F

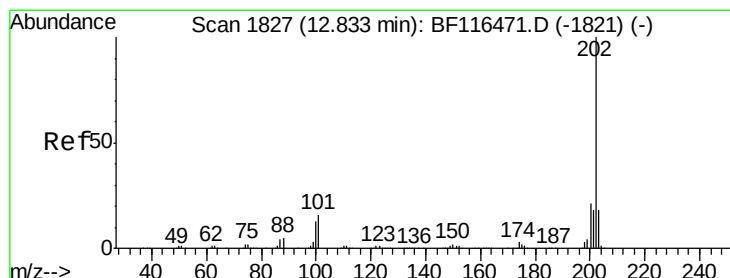
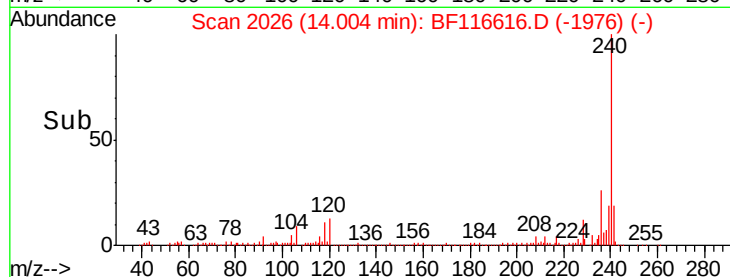
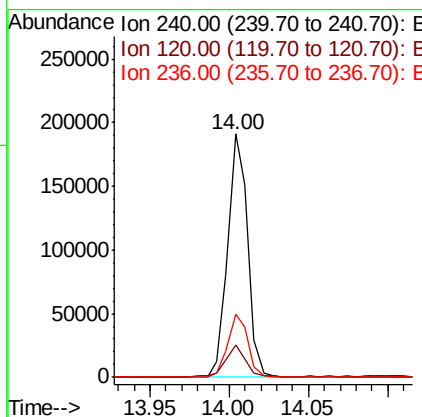
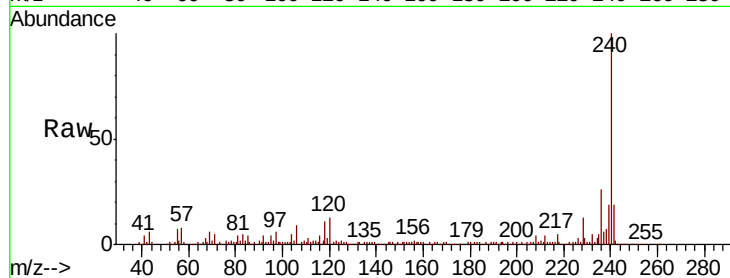
ClientSampled :

PX-05

Tot Ion:	240	Resp:	166405
Ion Ratio	Lower	Upper	
240	100		
120	13.3	11.3	16.9
236	25.9	21.4	32.2

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#78

Pyrene

Concen: 8.329 ng

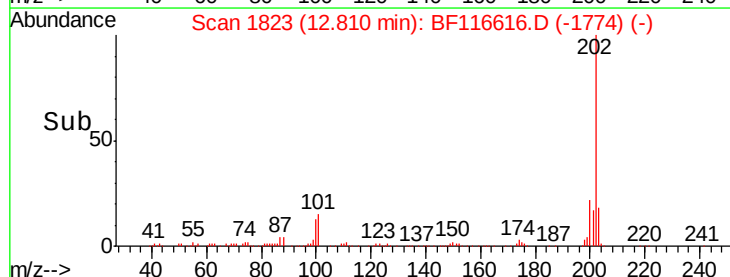
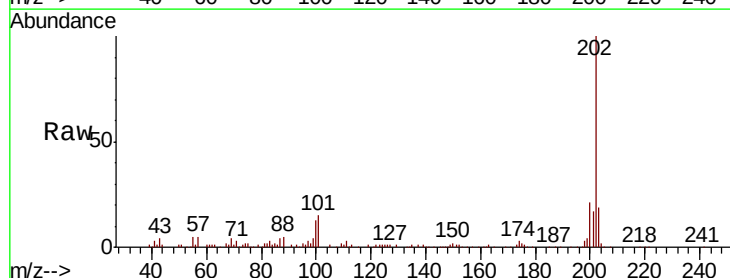
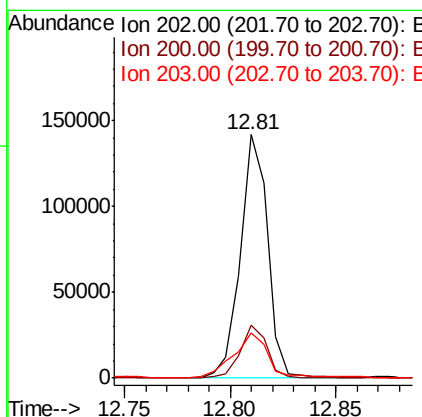
RT: 12.81 min Scan# 1823

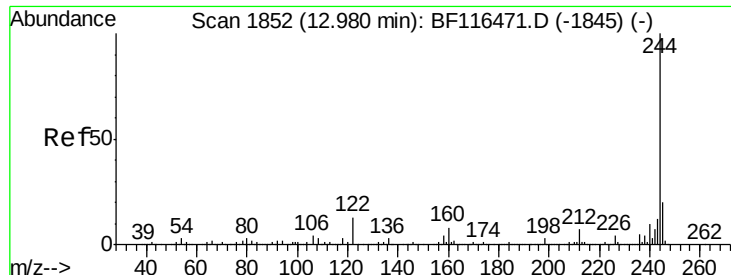
Delta R.T. -0.01 min

Lab File: BF116616.D

Acq: 28 Aug 2019 15:50

Tgt Ion:	202	Resp:	127454
Ion Ratio	Lower	Upper	
202	100		
200	21.5	17.4	26.0
203	18.6	14.2	21.4





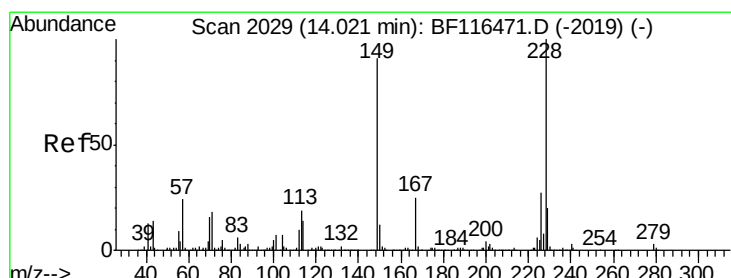
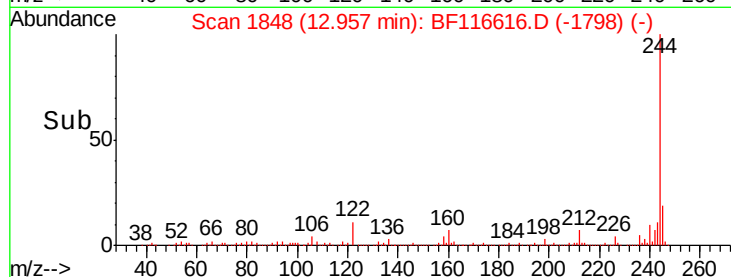
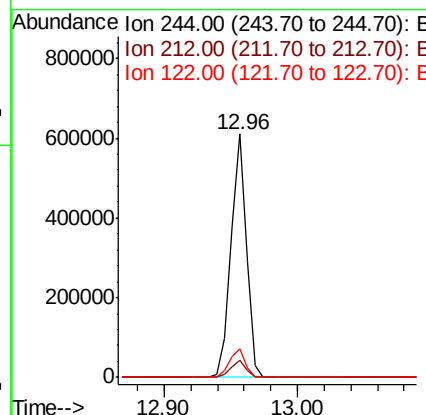
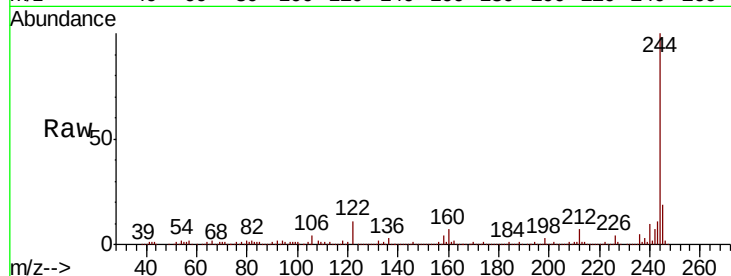
#79
Terphenyl-d14
Concen: 49.105 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF116616.D
Acq: 28 Aug 2019 15:50

Instrument :
BNA_F
ClientSampleId :
PX-05

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.9	8.9
122	11.5	10.0	15.0

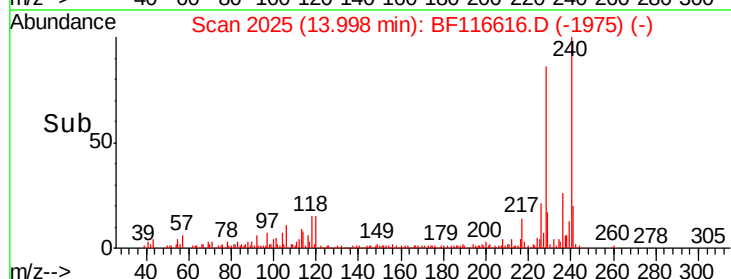
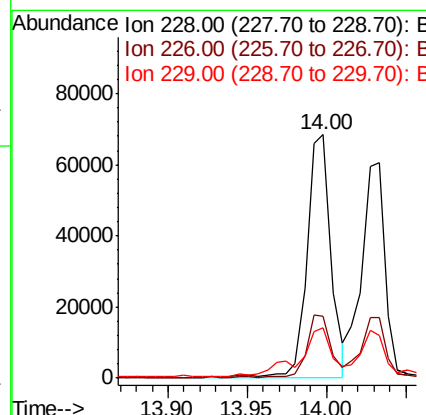
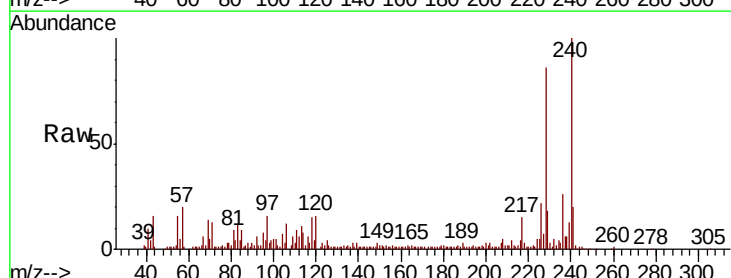
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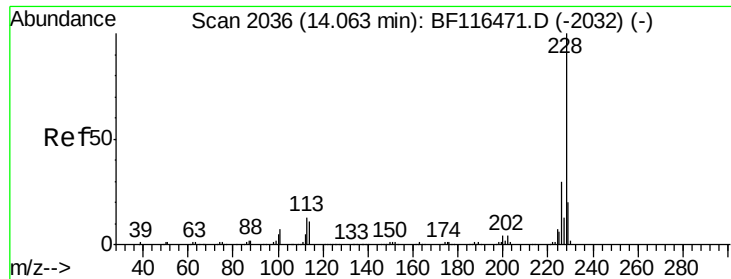
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#81
Benzo(a)anthracene
Concen: 6.474 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF116616.D
Acq: 28 Aug 2019 15:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	25.4	21.5	32.3
229	20.5	15.4	23.0





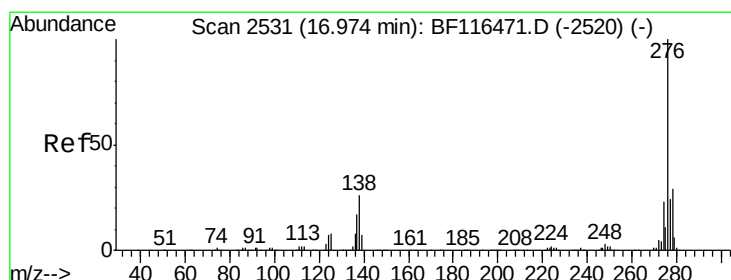
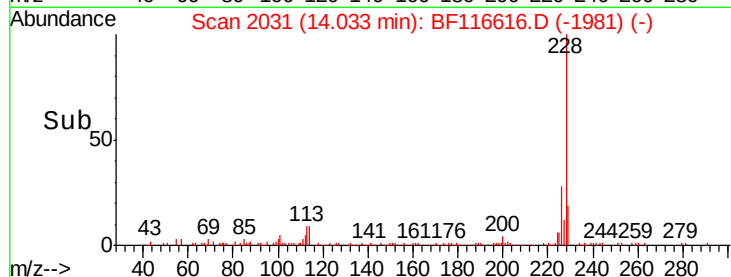
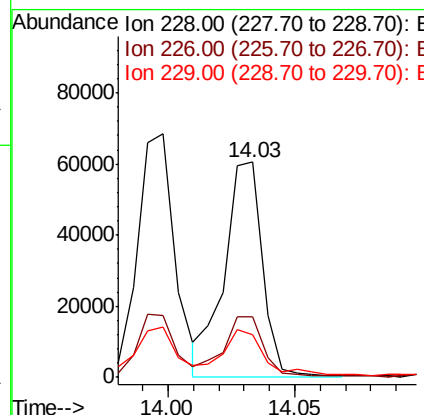
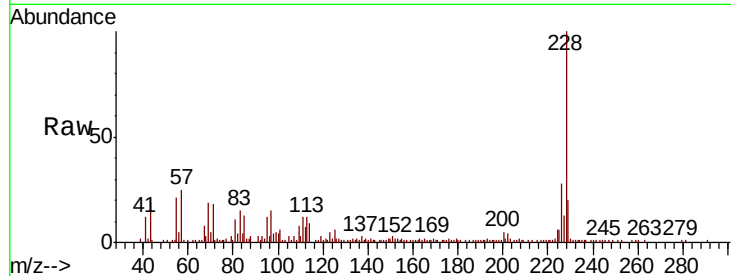
#83
Chrysene
Concen: 5.842 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF116616.D
Acq: 28 Aug 2019 15:50

Instrument :
BNA_F
ClientSampled :
PX-05

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.2	24.0	36.0
229	20.1	15.8	23.8

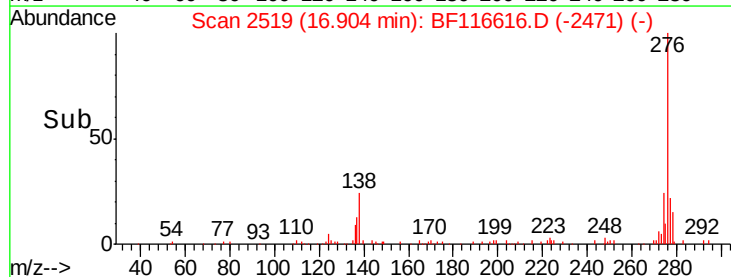
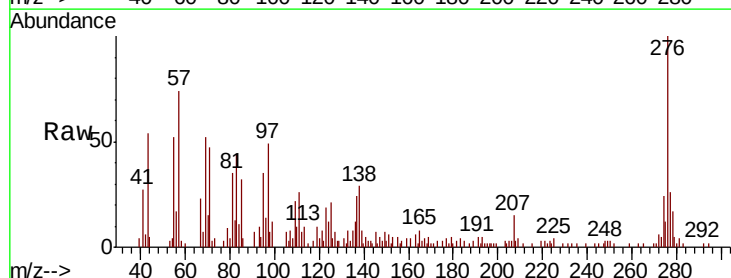
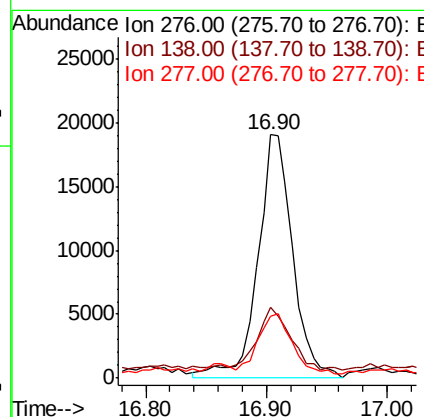
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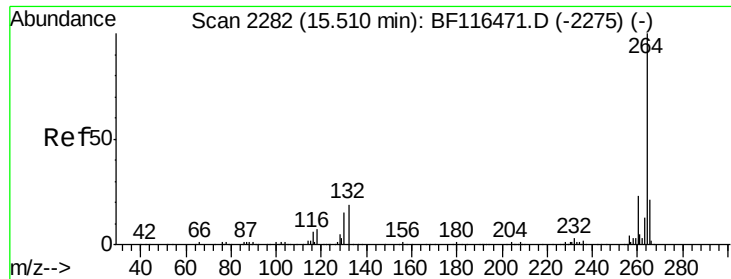
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#86
Indeno(1,2,3-cd)pyrene
Concen: 8.092 ng
RT: 16.90 min Scan# 2519
Delta R.T. -0.02 min
Lab File: BF116616.D
Acq: 28 Aug 2019 15:50

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.7	21.5	32.3
277	24.3	20.0	30.0





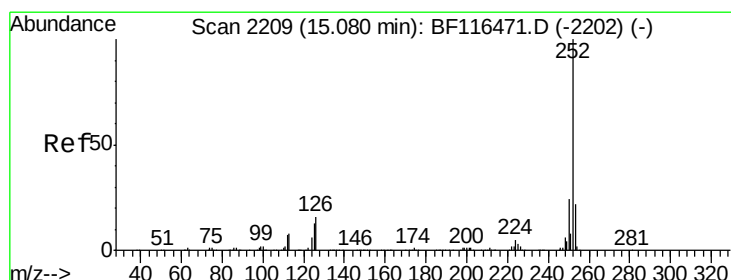
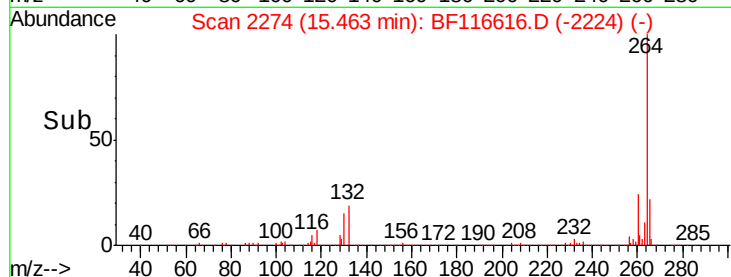
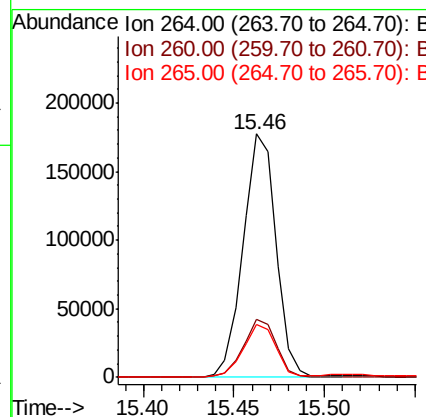
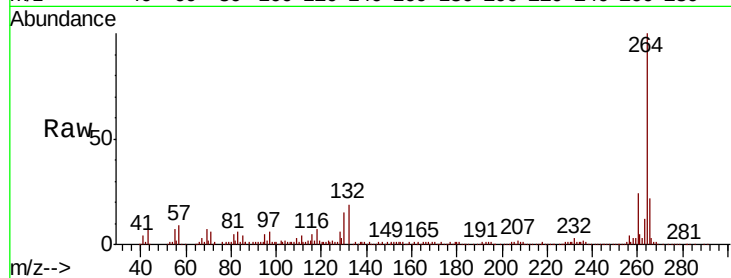
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF116616.D
Acq: 28 Aug 2019 15:50

Instrument :
BNA_F
ClientSampleId :
PX-05

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	20.0	30.0
265	22.0	17.6	26.4

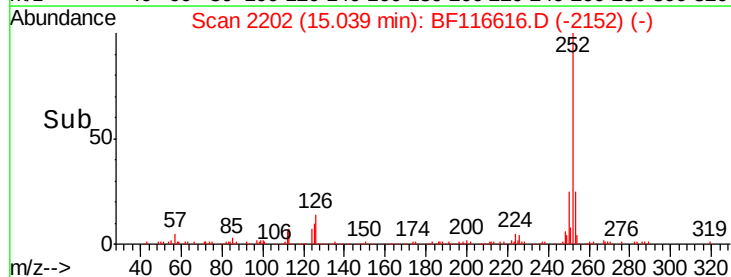
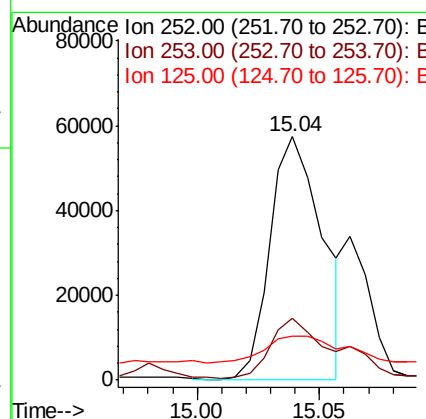
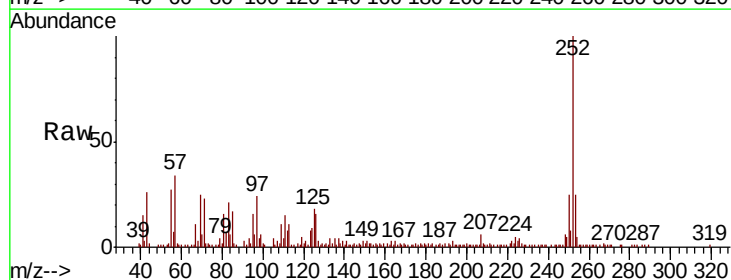
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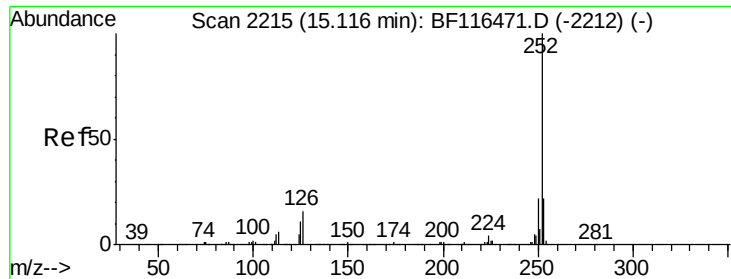
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#88
Benzo(b)fluoranthene
Concen: 6.221 ng m
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BF116616.D
Acq: 28 Aug 2019 15:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.3	25.9
125	17.8	9.0	13.6#





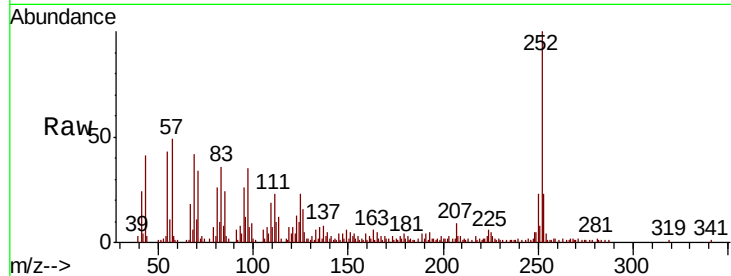
#89
Benzo(k)fluoranthene
Concen: 2.001 ng m
RT: 15.06 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF116616.D
Acq: 28 Aug 2019 15:50

Instrument :
BNA_F
Client Sampled :
PX-05

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.2	25.8
125	23.1	8.6	13.0

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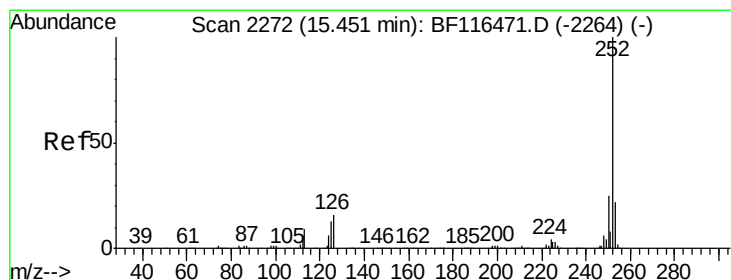
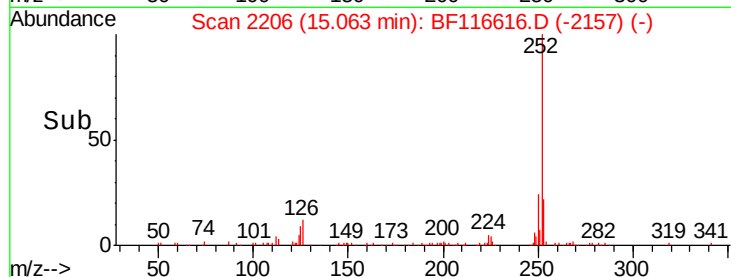
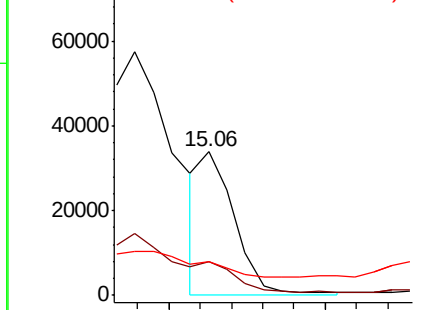


Abundance

Ion 252.00 (251.70 to 252.70): E

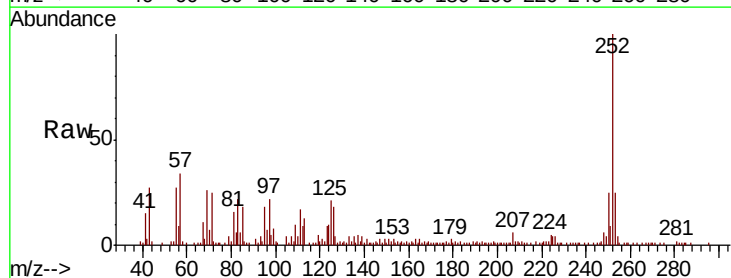
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 5.201 ng
RT: 15.40 min Scan# 2263
Delta R.T. -0.01 min
Lab File: BF116616.D
Acq: 28 Aug 2019 15:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.4	26.0
125	21.5	10.6	16.0

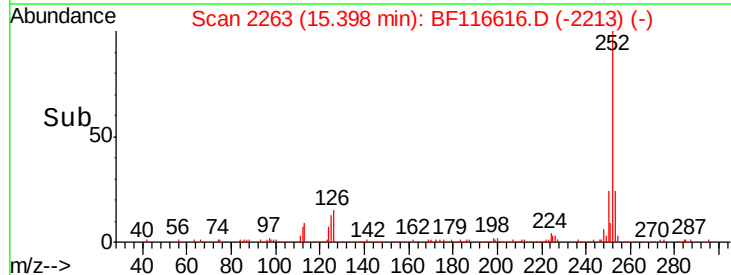
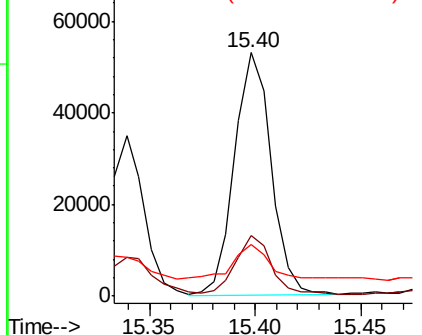


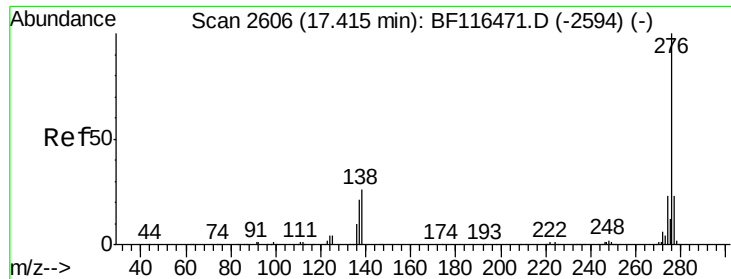
Abundance

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





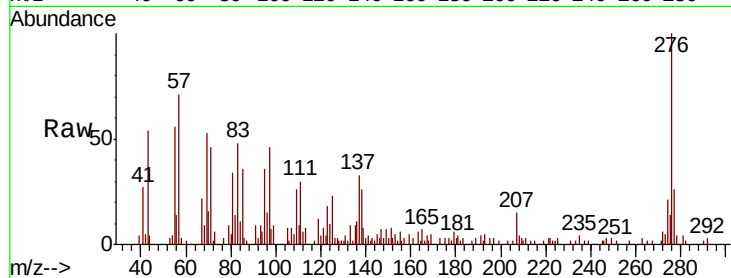
#92
 Benzo(a,h,i)perylene
 Concen: 2.916 ng
 RT: 17.34 min Scan# 2594
 Delta R.T. -0.02 min
 Lab File: BF116616.D
 Acq: 28 Aug 2019 15:50

Instrument :
 BNA_F
 ClientSampleId :
 PX-05

Tot Ion:	276	Resp:	34830
Ion Ratio	Lower	Upper	
276	100		
277	25.8	19.0	28.4
138	25.7	18.2	27.2

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

