

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082019\
 Data File : BF116455.D
 Acq On : 21 Aug 2019 2:42
 Operator : HP/JU
 Sample : K4354-02 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PX-02-081319

Manual Integrations
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Quant Time: Aug 21 07:14:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 06:03:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	94433	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	387918	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	213472	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	416774	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	298632	20.00	ng	-0.02
87) Perylene-d12	15.42	264	311451	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	268662	47.63	ng	0.00
7) Phenol-d6	6.45	99	384896	54.08	ng	-0.01
23) Nitrobenzene-d5	7.37	82	235419	35.03	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	106358	51.39	ng	-0.02
45) 2-Fluorobiphenyl	9.15	172	423248	37.14	ng	-0.02
79) Terphenyl-d14	12.90	244	539063	38.04	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.55	163	82661	5.687	ng	99
52) Acenaphthene	9.87	154	32597	2.904	ng	96
58) Fluorene	10.39	166	28966	2.306	ng	97
71) Phenanthrene	11.35	178	575905	27.030	ng	99
72) Anthracene	11.40	178	126330	5.859	ng	98
73) Carbazole	11.56	167	69955	3.576	ng	99
75) Fluoranthene	12.54	202	920108	41.250	ng	99
78) Pyrene	12.77	202	788701	35.036	ng	99
81) Benzo(a)anthracene	13.96	228	353507	18.520	ng	98
83) Chrysene	13.99	228	317474	17.132	ng	98
84) Bis(2-ethylhexyl)phthalate	13.92	149	31511	2.546	ng	# 97
86) Indeno(1,2,3-cd)pyrene	16.89	276	185823	11.939	ng	93
88) Benzo(b)fluoranthene	15.00	252	384489m	21.350	ng	
89) Benzo(k)fluoranthene	15.03	252	122256m	6.970	ng	
90) Benzo(a)pyrene	15.36	252	268078	16.653	ng	98
91) Dibenzo(a,h)anthracene	16.89	278	40418m	2.901	ng	
92) Benzo(a,h,i)perylene	17.33	276	167153	12.214	ng	97

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

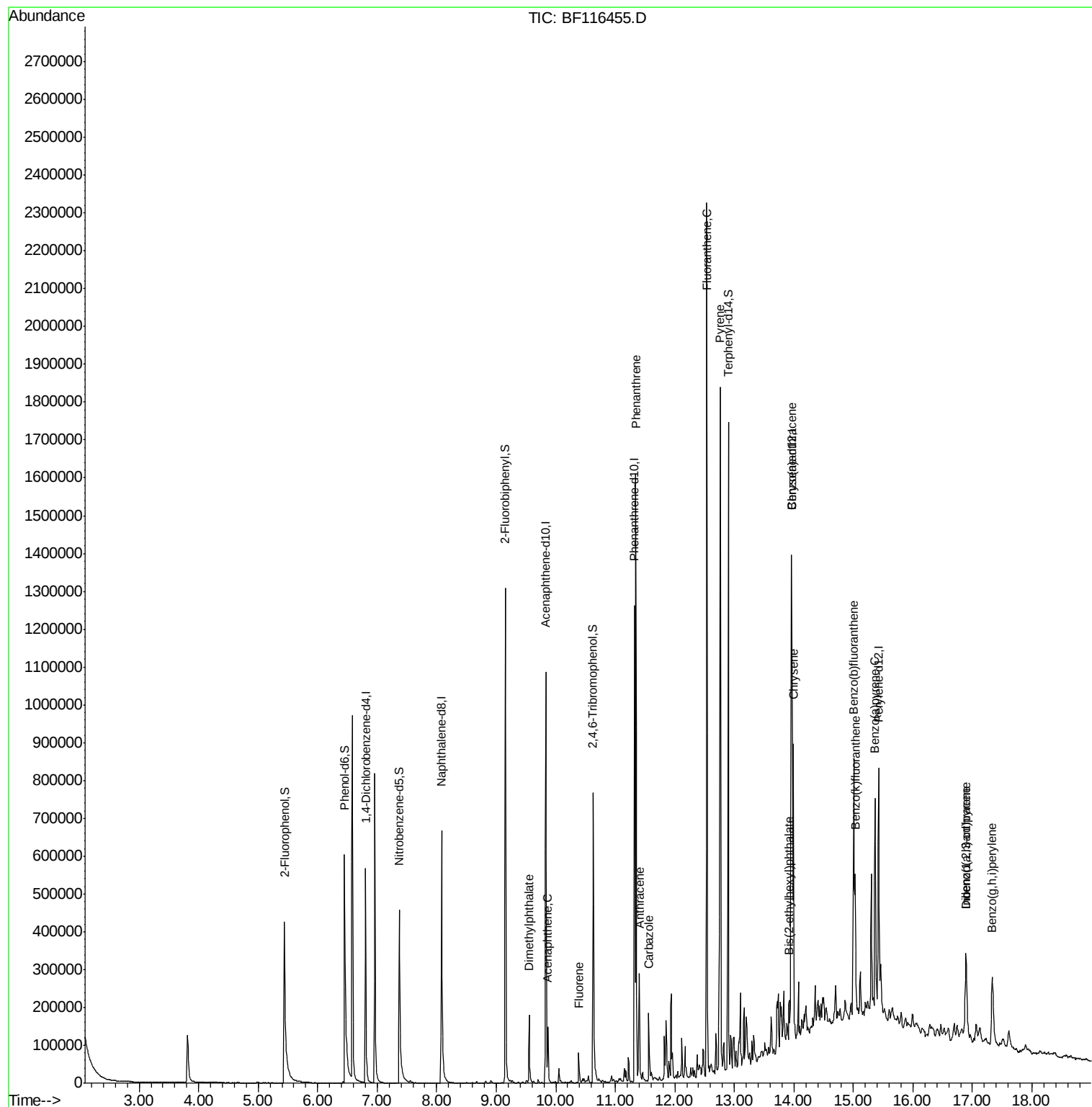
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082019\
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ALS Vial : 20 Sample Multiplier: 1

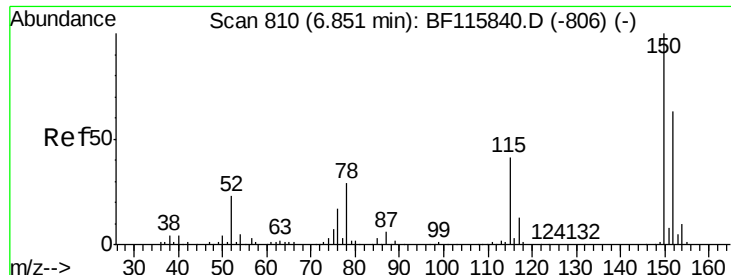
Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

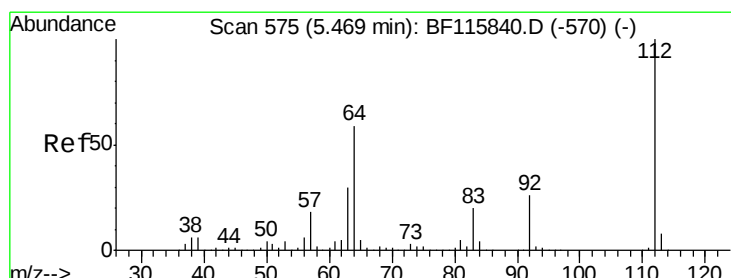
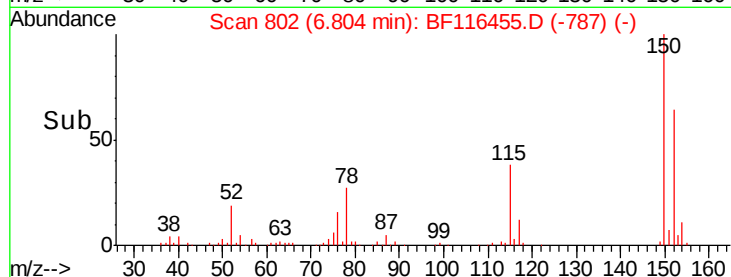
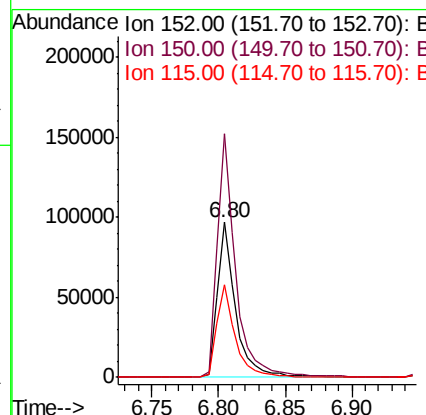
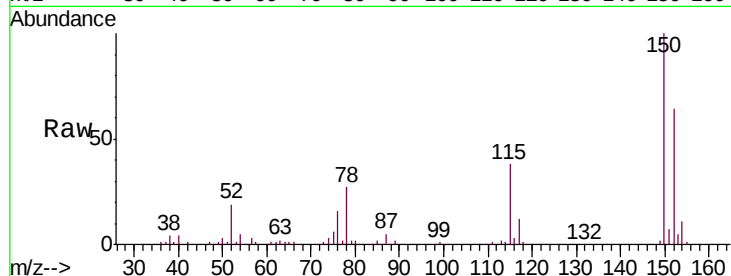
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF116455.D
Acq: 21 Aug 2019 2:42

Instrument :
BNA_F
ClientSampleId :
PX-02-081319

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	126.2	189.2
115	60.0	49.9	74.9

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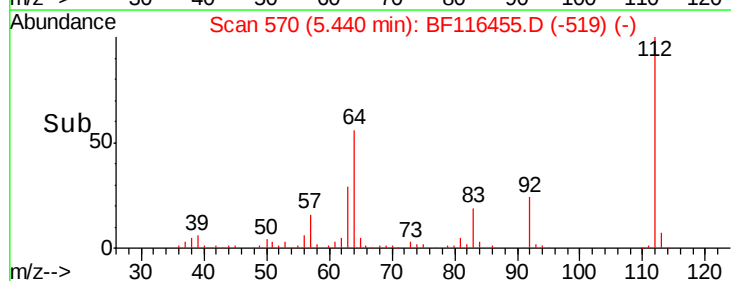
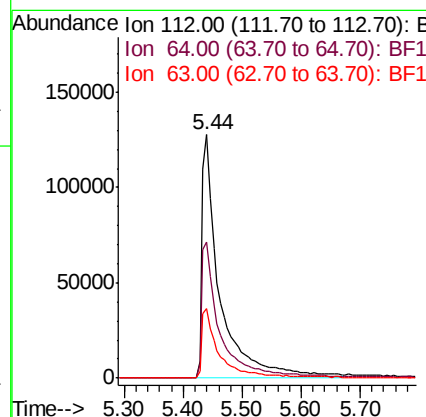
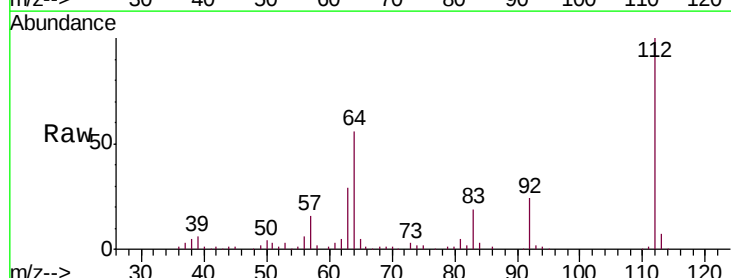
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#5

2-Fluorophenol
Concen: 47.627 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF116455.D
Acq: 21 Aug 2019 2:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.0	45.4	68.2
63	28.7	23.7	35.5





#7

Phenol-d6

Concen: 54.081 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF116455.D

Acq: 21 Aug 2019 2:42

Instrument :

BNA_F

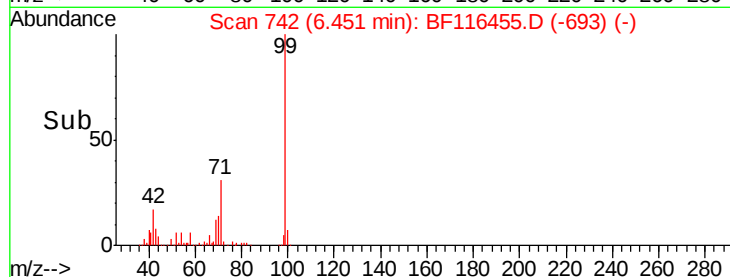
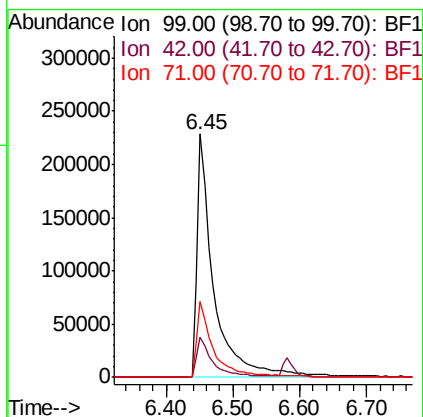
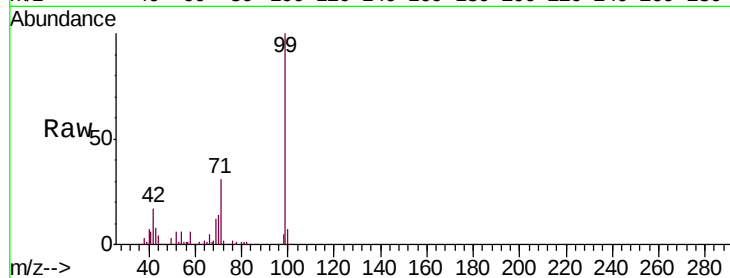
ClientSampleId :

PX-02-081319

Tot Ion:	99	Resp:	384896
Ion Ratio	Lower	Upper	
99	100		
42	16.6	13.8	20.8
71	31.3	27.3	40.9

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#21

Naphthalene-d8

Concen: 20.000 ng

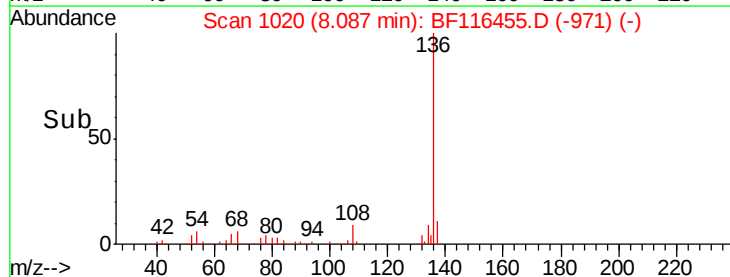
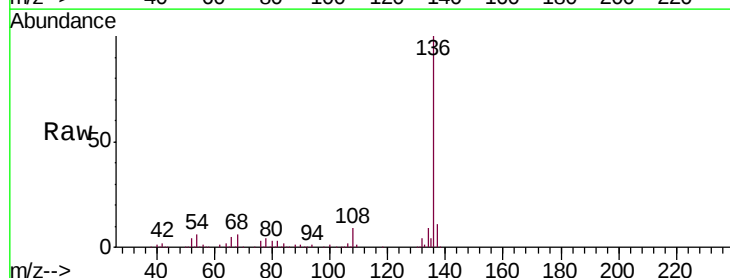
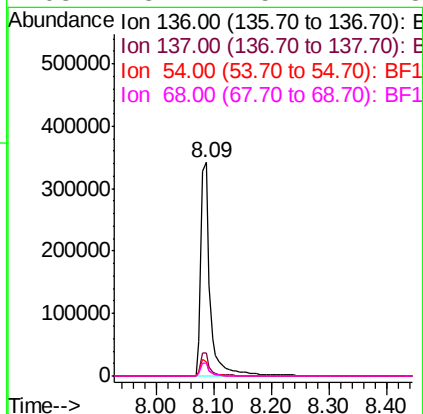
RT: 8.09 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF116455.D

Acq: 21 Aug 2019 2:42

Tgt Ion:	136	Resp:	387918
Ion Ratio	Lower	Upper	
136	100		
137	10.6	9.0	13.4
54	6.5	5.8	8.6
68	5.7	5.2	7.8





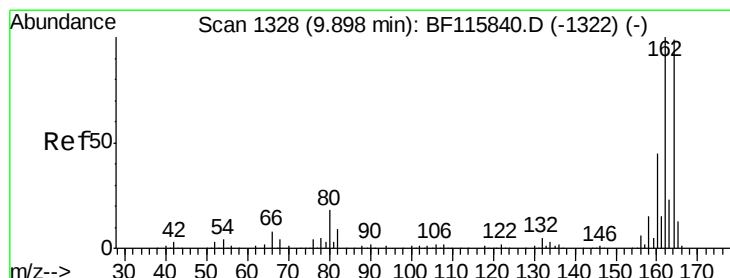
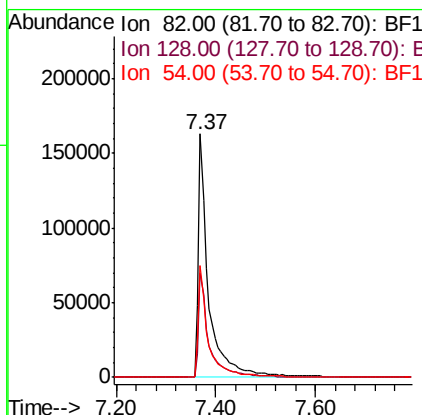
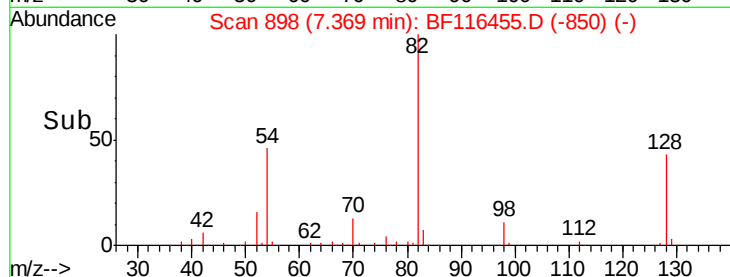
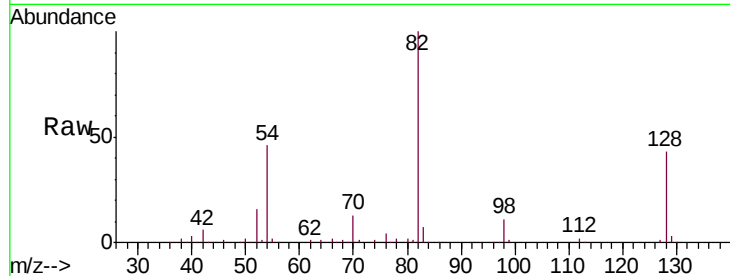
#23
 Nitrobenzene-d5
 Concen: 35.031 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.02 min
 Lab File: BF116455.D
 Acq: 21 Aug 2019 2:42

Instrument :
 BNA_F
 ClientSampled :
 PX-02-081319

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.7	36.5	54.7
54	45.8	36.0	54.0

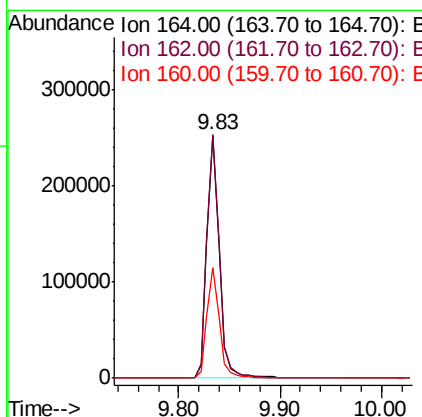
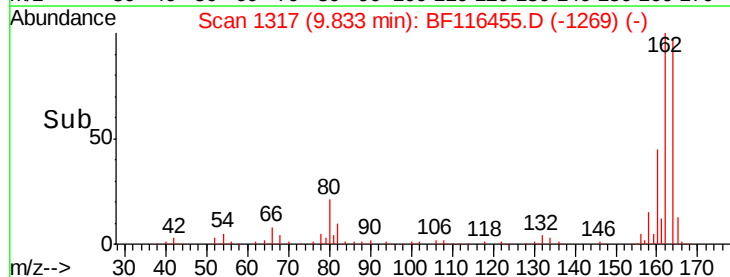
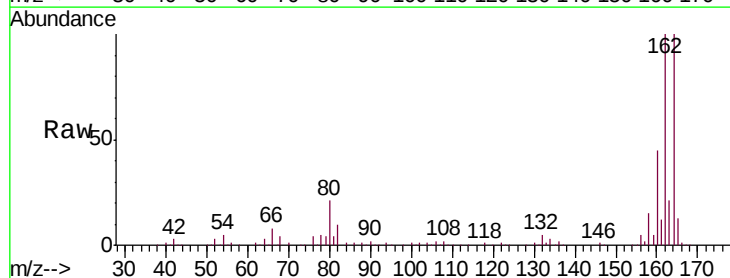
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.02 min
 Lab File: BF116455.D
 Acq: 21 Aug 2019 2:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.3	82.6	124.0
160	45.3	37.6	56.4





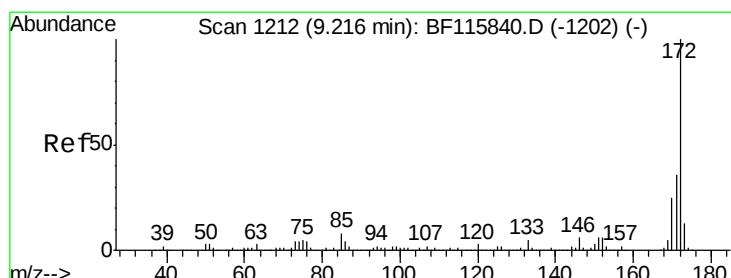
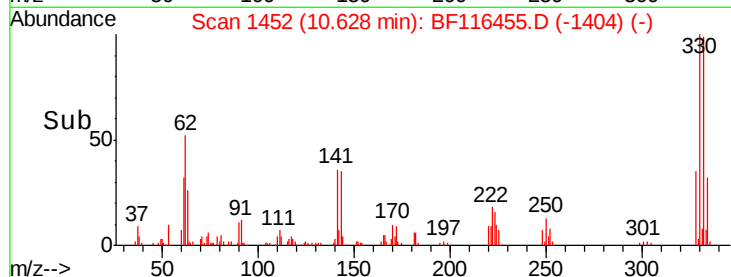
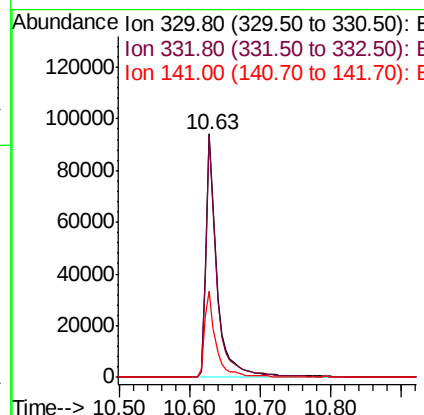
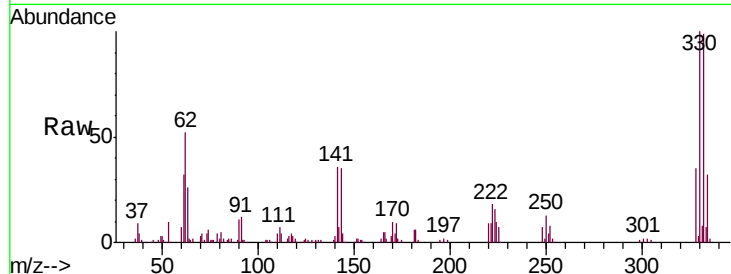
#42
 2,4,6-Tribromophenol
 Concen: 51.389 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.02 min
 Lab File: BF116455.D
 Acq: 21 Aug 2019 2:42

Instrument :
 BNA_F
 ClientSampleId :
 PX-02-081319

Tot Ion	Ratio	Resp	Lower	Upper
330	100	106358		
332	95.7	76.8	115.2	
141	36.4	26.3	39.5	

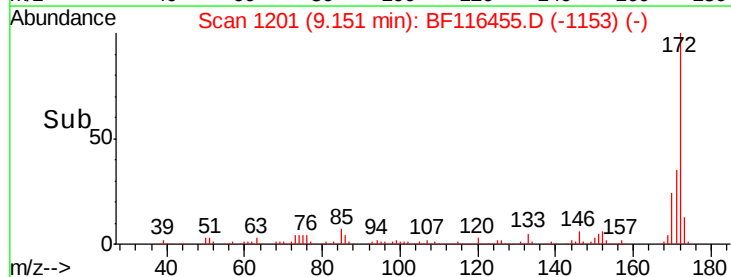
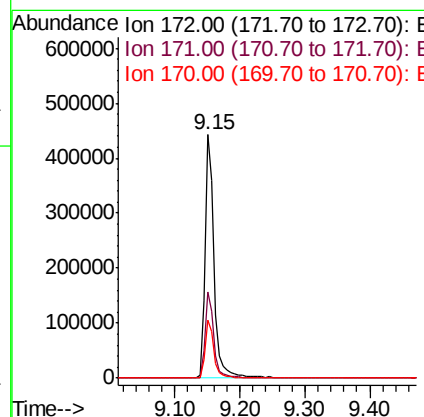
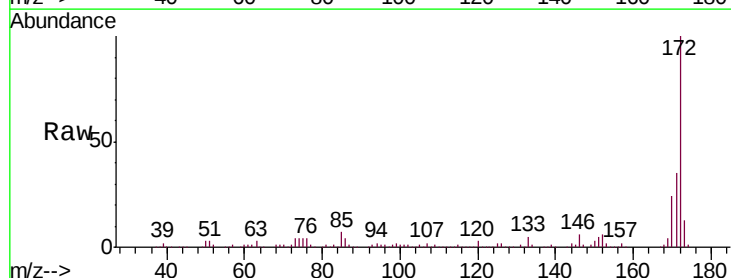
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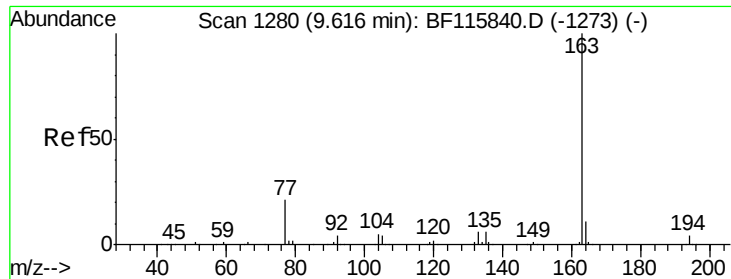
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#45
 2-Fluorobiphenyl
 Concen: 37.137 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.02 min
 Lab File: BF116455.D
 Acq: 21 Aug 2019 2:42

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	423248		
171	35.5	29.6	44.4	
170	23.8	20.1	30.1	





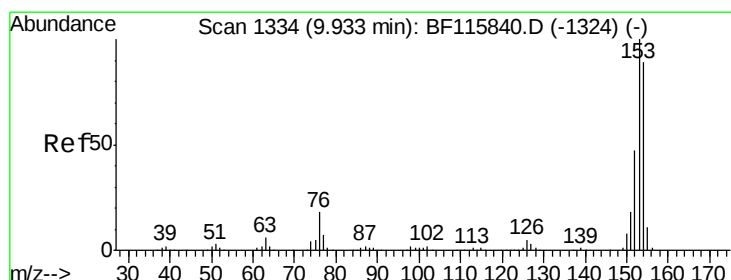
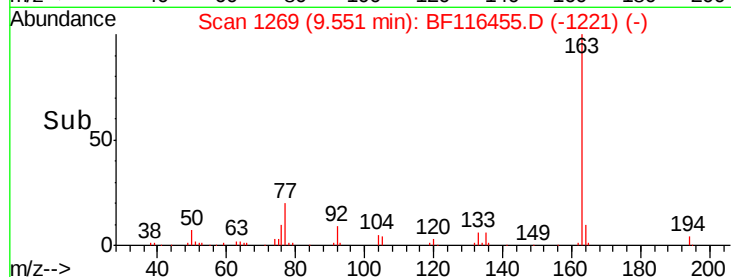
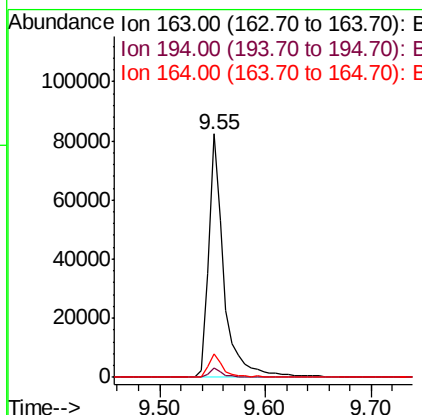
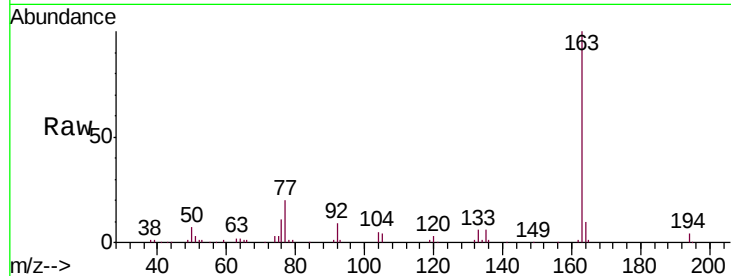
#50
Dimethylphthalate
Concen: 5.687 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BF116455.D
Acq: 21 Aug 2019 2:42

Instrument :
BNA_F
ClientSampled :
PX-02-081319

Tot Ion:	163	Resp:	82661
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.0	4.6
164	9.8	8.4	12.6

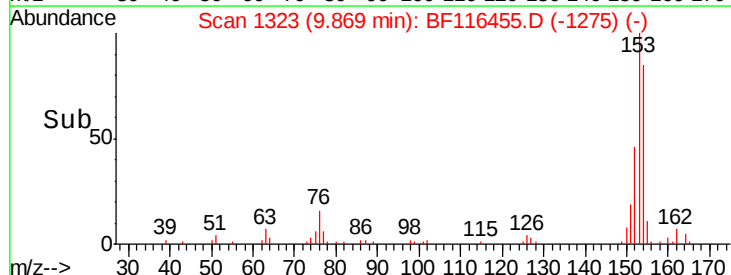
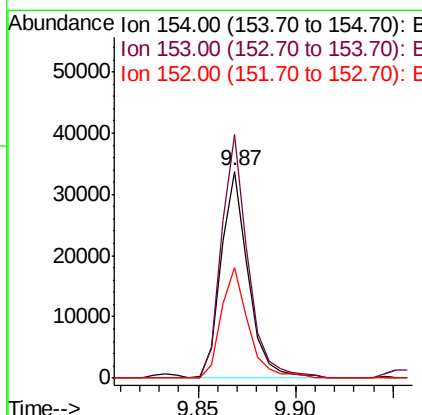
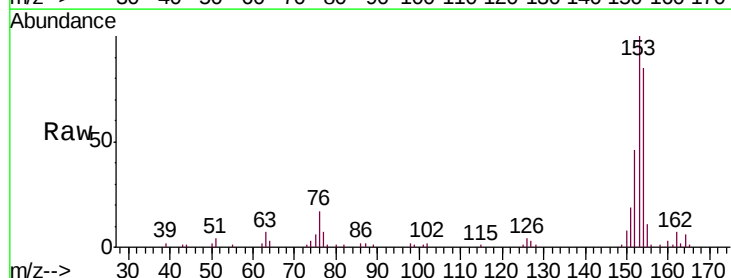
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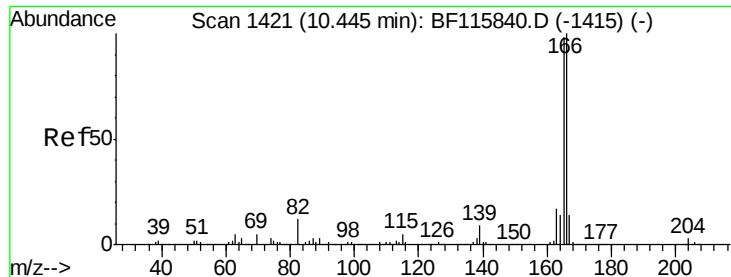
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#52
Acenaphthene
Concen: 2.904 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF116455.D
Acq: 21 Aug 2019 2:42

Tgt Ion:	154	Resp:	32597
Ion Ratio	Lower	Upper	
154	100		
153	117.6	89.4	134.0
152	53.6	42.3	63.5





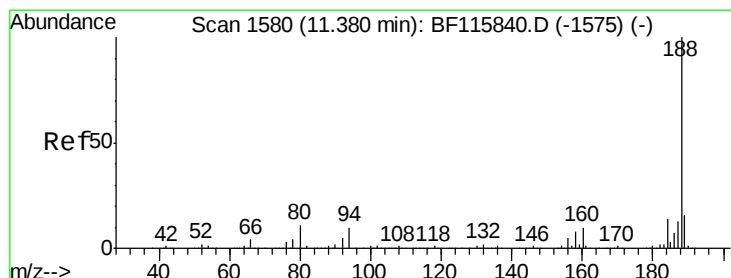
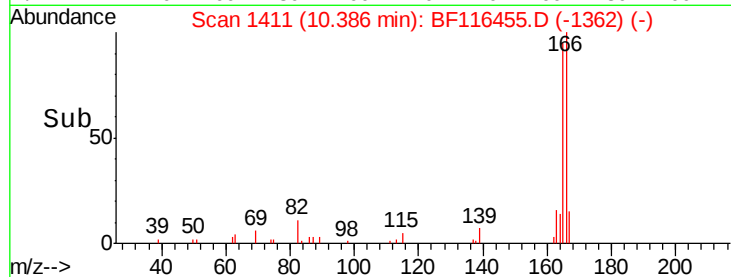
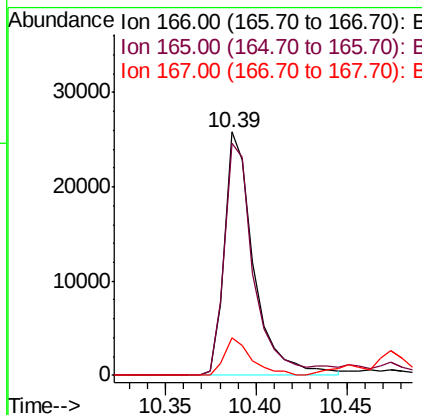
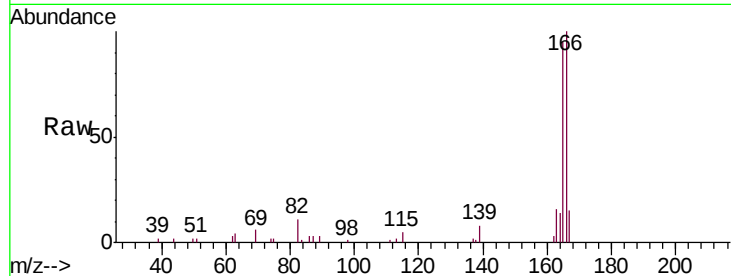
#58
 Fluorene
 Concen: 2.306 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: BF116455.D
 Acq: 21 Aug 2019 2:42

Instrument :
 BNA_F
 ClientSampleId :
 PX-02-081319

Tot Ion	Ratio	Lower	Upper
166	100		
165	95.3	78.4	117.6
167	15.2	11.0	16.4

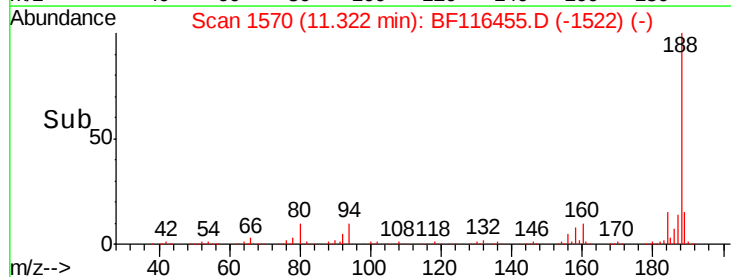
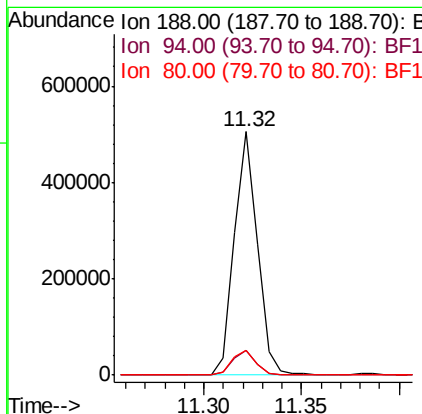
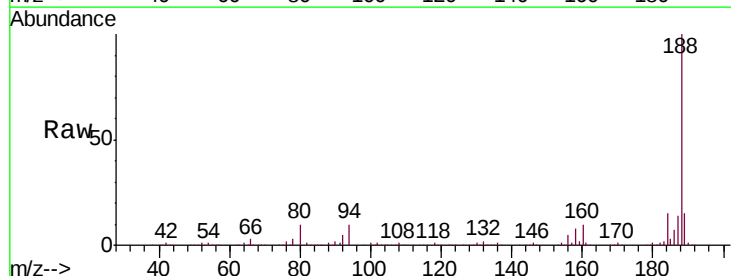
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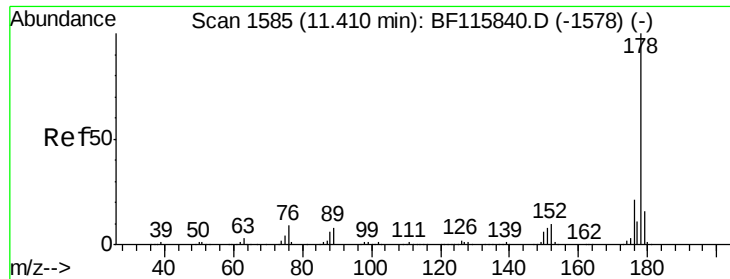
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#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.02 min
 Lab File: BF116455.D
 Acq: 21 Aug 2019 2:42

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.1	12.1
80	10.0	8.7	13.1





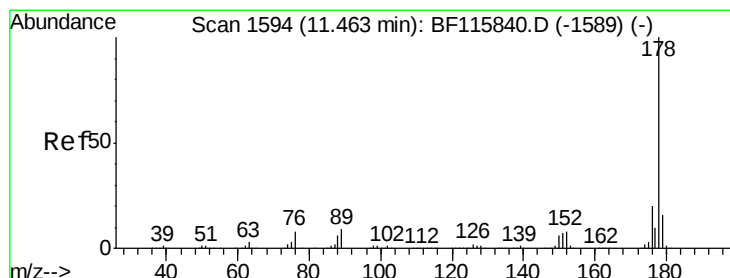
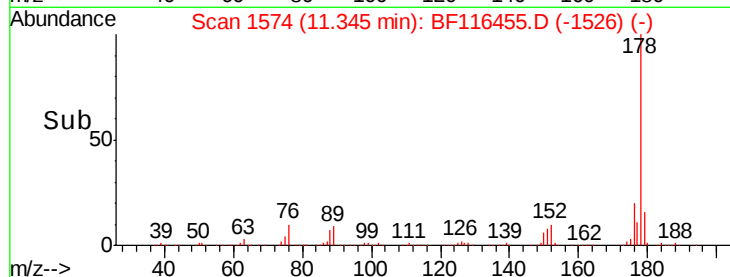
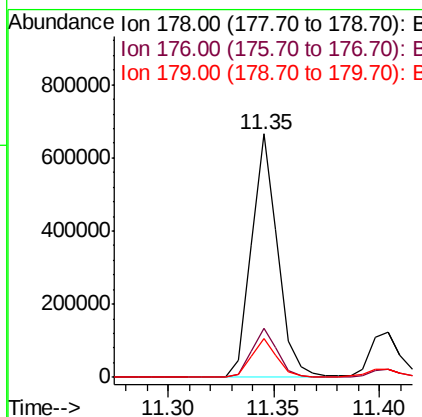
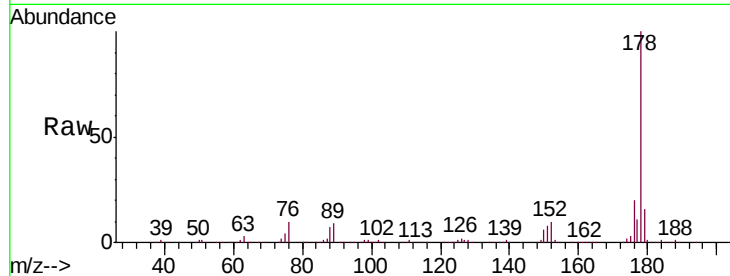
#71
Phenanthrene
Concen: 27.030 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.02 min
Lab File: BF116455.D
Acq: 21 Aug 2019 2:42

Instrument :
BNA_F
ClientSampleId :
PX-02-081319

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.6	24.8
179	15.9	12.5	18.7

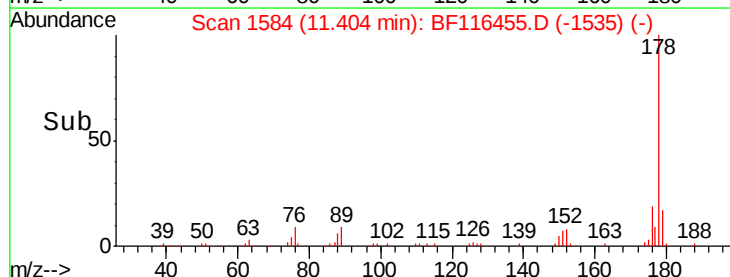
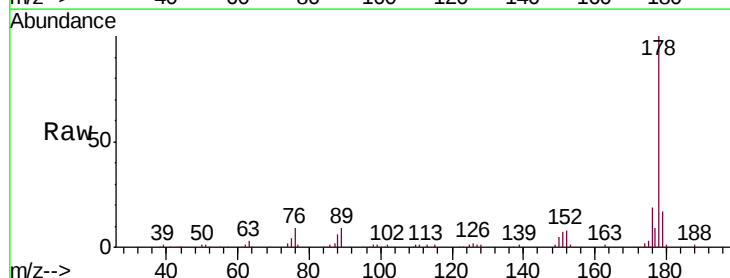
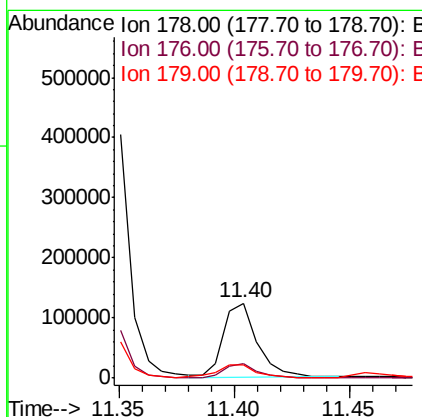
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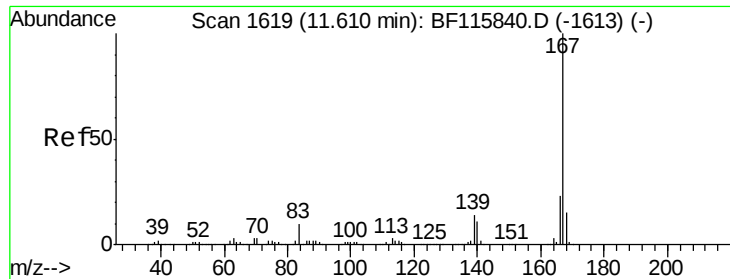
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#72
Anthracene
Concen: 5.859 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF116455.D
Acq: 21 Aug 2019 2:42

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.7	23.5
179	17.1	13.0	19.6





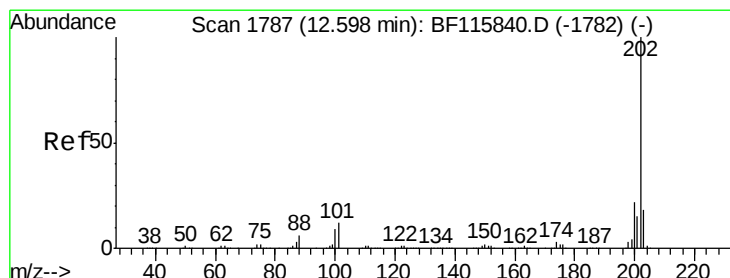
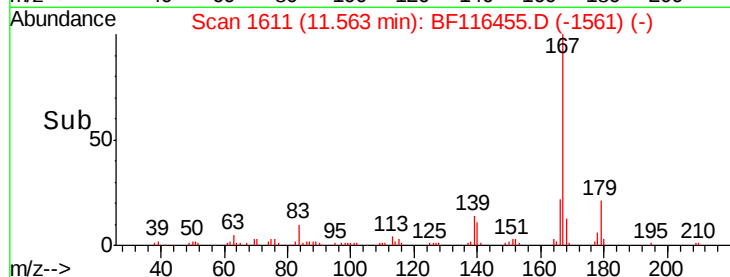
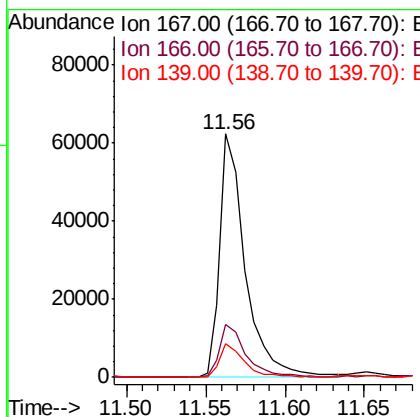
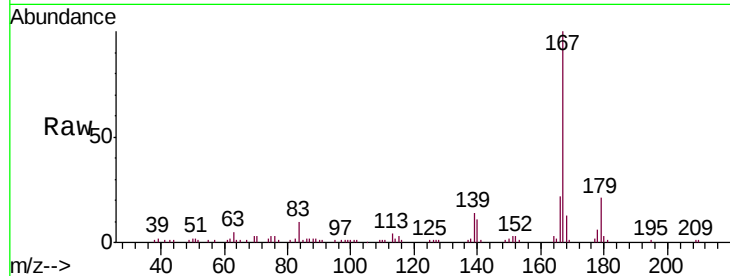
#73
 Carbazole
 Concen: 3.576 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. -0.01 min
 Lab File: BF116455.D
 Acq: 21 Aug 2019 2:42

Instrument :
 BNA_F
 ClientSampleId :
 PX-02-081319

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.8	26.6
139	14.0	11.4	17.0

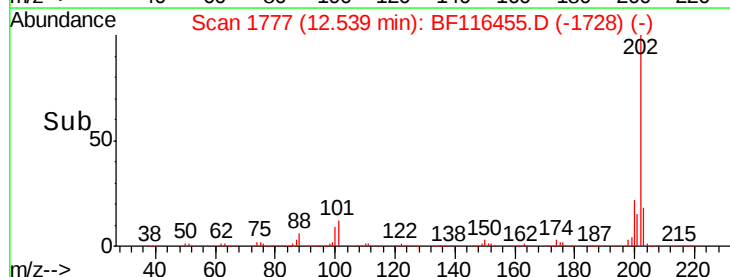
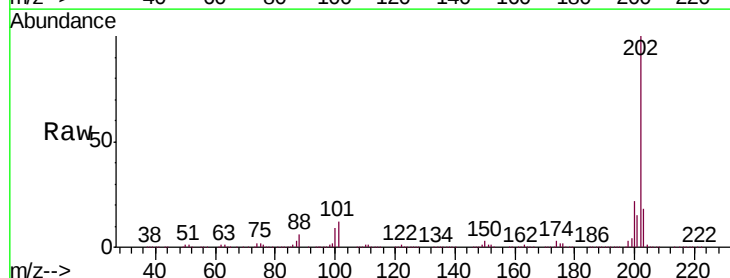
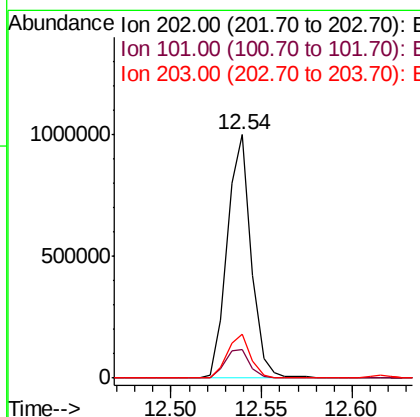
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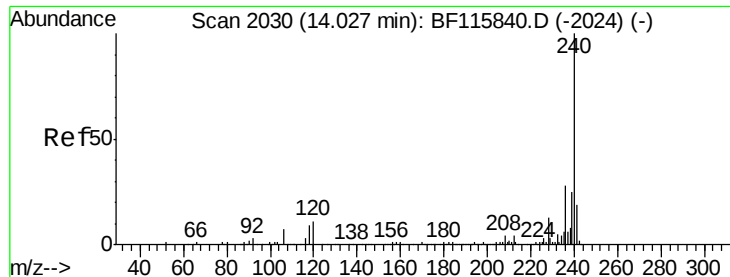
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#75
 Fluoranthene
 Concen: 41.250 ng
 RT: 12.54 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BF116455.D
 Acq: 21 Aug 2019 2:42

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	31.2
203	18.1	0.0	37.8





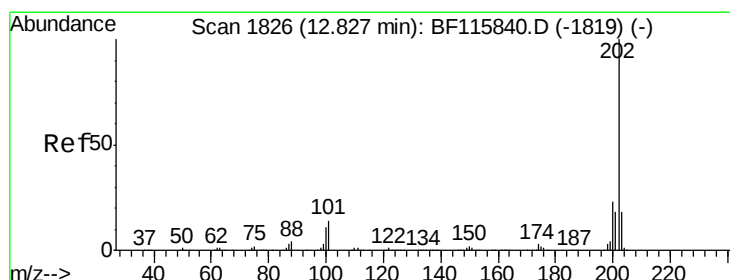
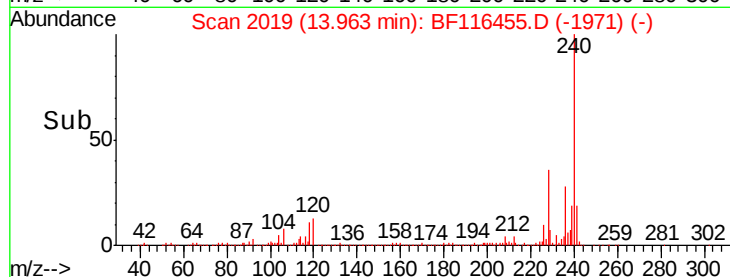
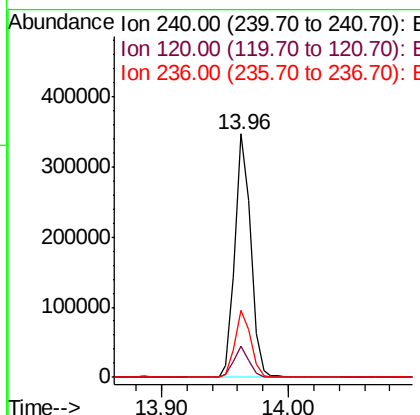
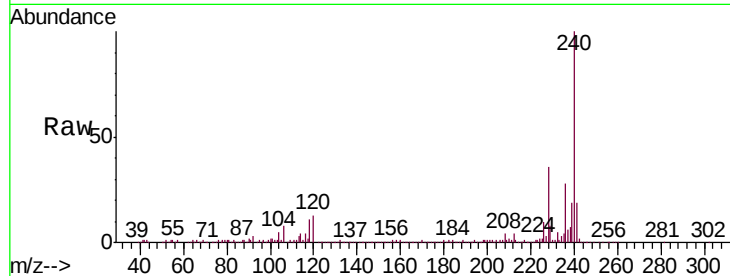
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BF116455.D
Acq: 21 Aug 2019 2:42

Instrument :
BNA_F
ClientSampleId :
PX-02-081319

Tot Ion	Ratio	Resp	Lower	Upper
240	100	298632		
120	12.6	10.7	16.1	
236	27.7	22.2	33.2	

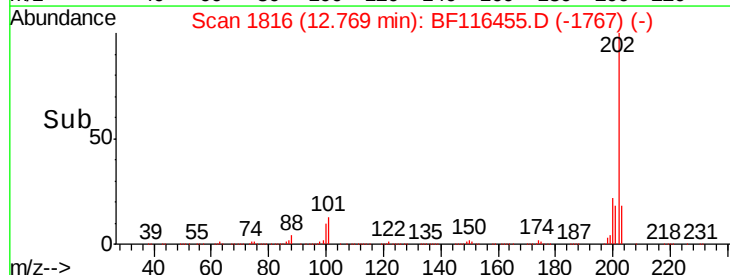
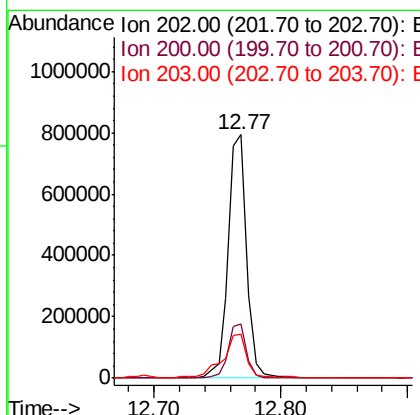
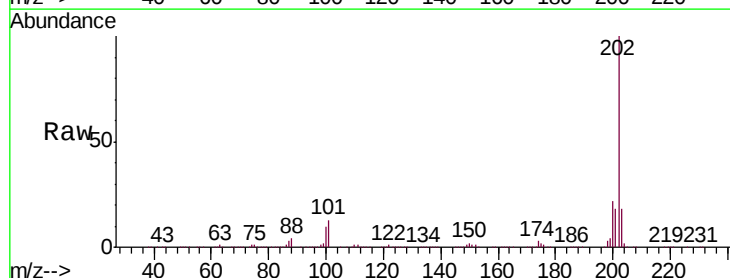
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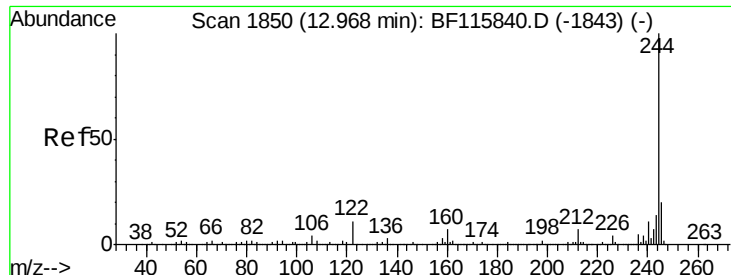
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#78
Pyrene
Concen: 35.036 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BF116455.D
Acq: 21 Aug 2019 2:42

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	788701		
200	22.4	18.0	27.0	
203	18.0	14.1	21.1	





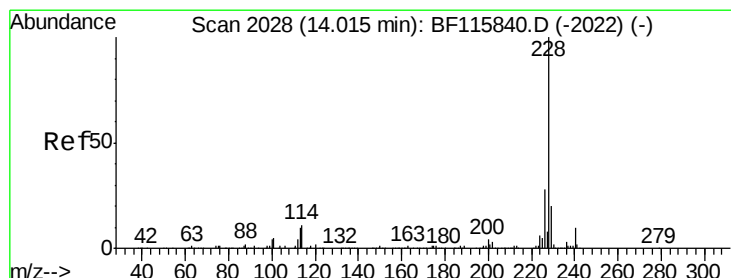
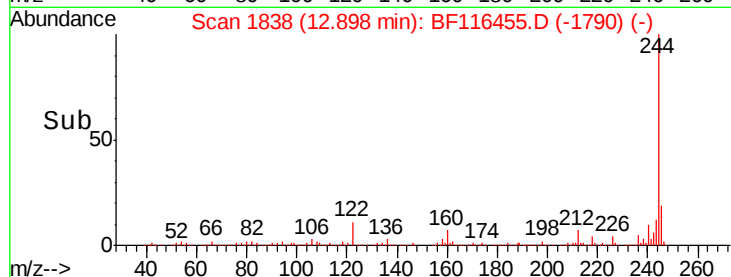
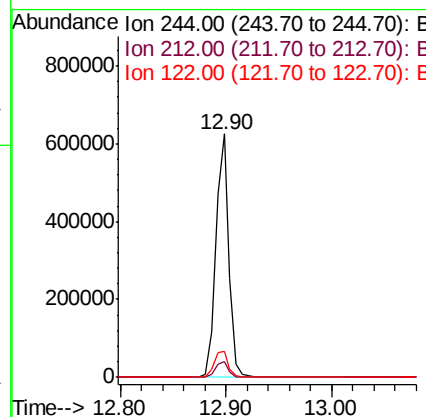
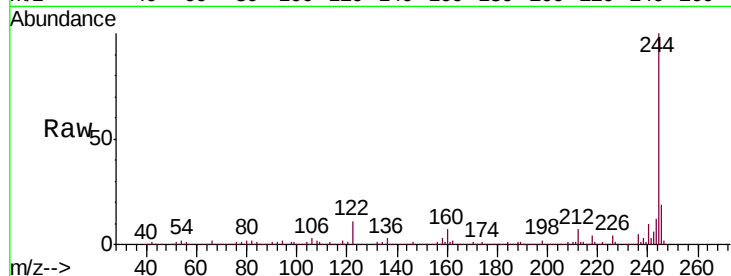
#79
 Terphenyl-d14
 Concen: 38.037 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. -0.02 min
 Lab File: BF116455.D
 Acq: 21 Aug 2019 2:42

Instrument :
 BNA_F
 ClientSampleId :
 PX-02-081319

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.8
122	10.7	9.0	13.4

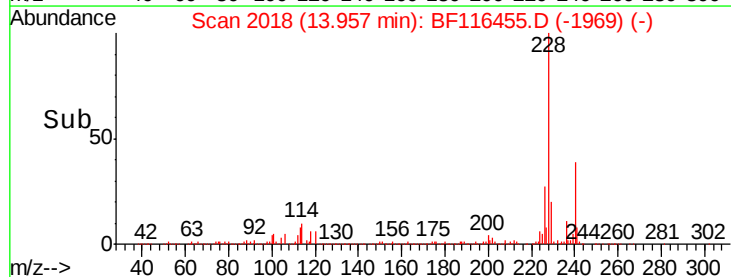
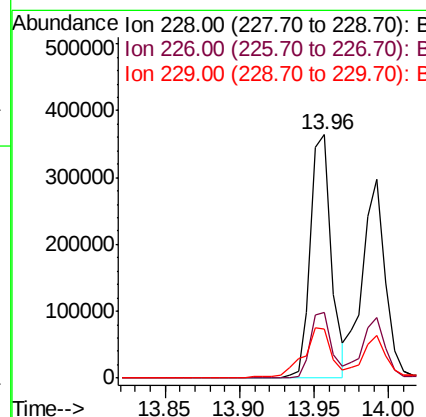
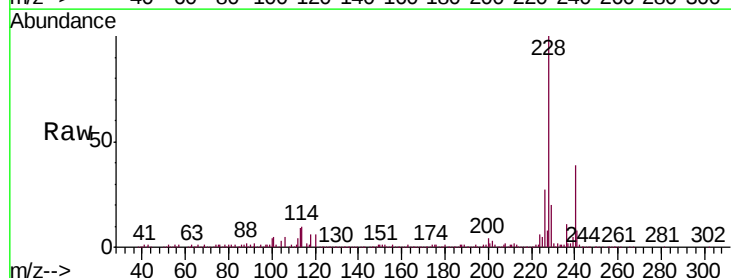
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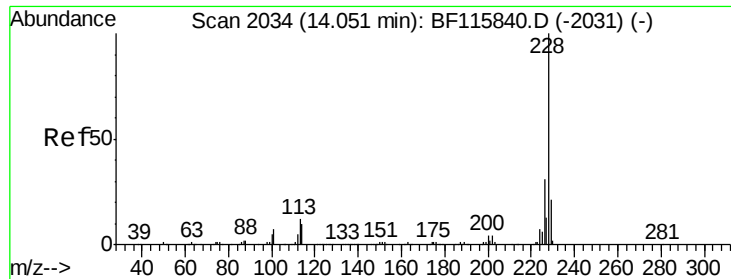
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#81
 Benzo(a)anthracene
 Concen: 18.520 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.01 min
 Lab File: BF116455.D
 Acq: 21 Aug 2019 2:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.7	34.1
229	20.0	16.2	24.4





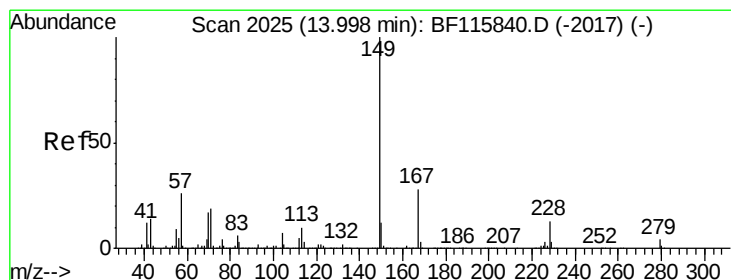
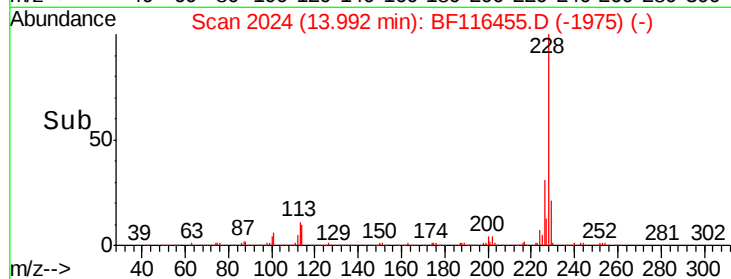
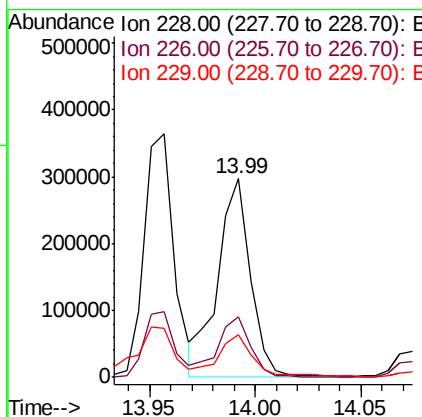
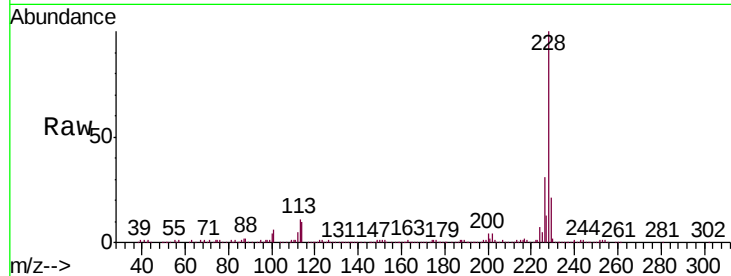
#83
 Chrvsene
 Concen: 17.132 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF116455.D
 Acq: 21 Aug 2019 2:42

Instrument :
 BNA_F
 ClientSampleId :
 PX-02-081319

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.5	38.3
229	21.3	16.6	24.8

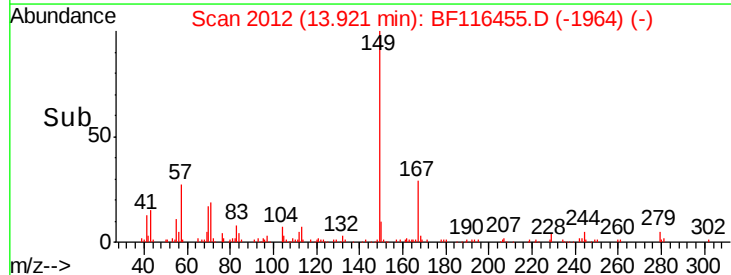
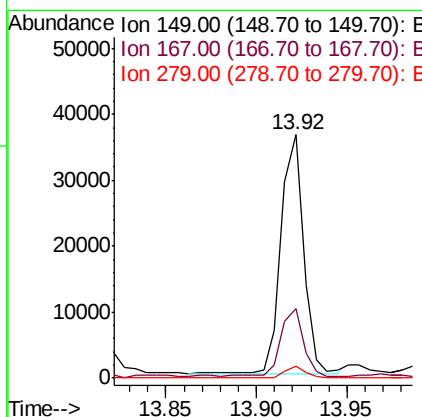
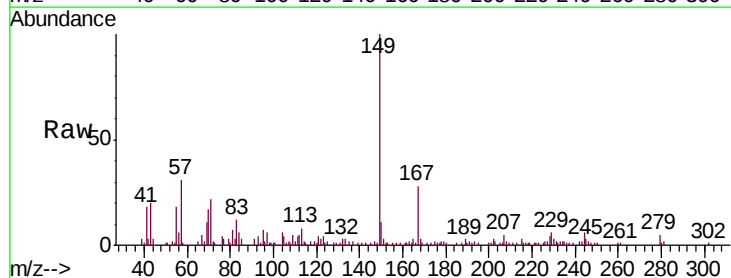
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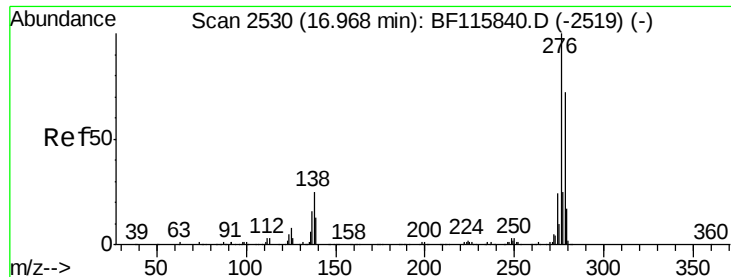
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.546 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. -0.02 min
 Lab File: BF116455.D
 Acq: 21 Aug 2019 2:42

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.5	21.6	32.4
279	4.8	3.0	4.4#





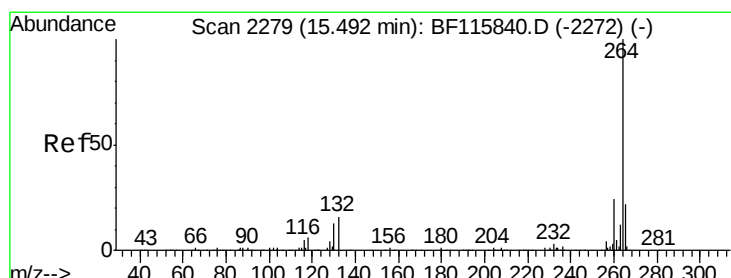
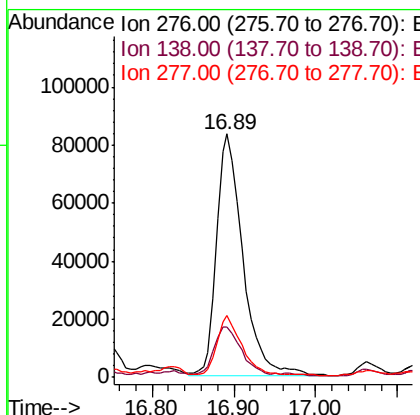
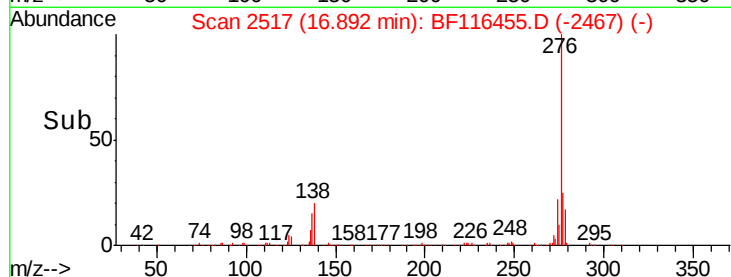
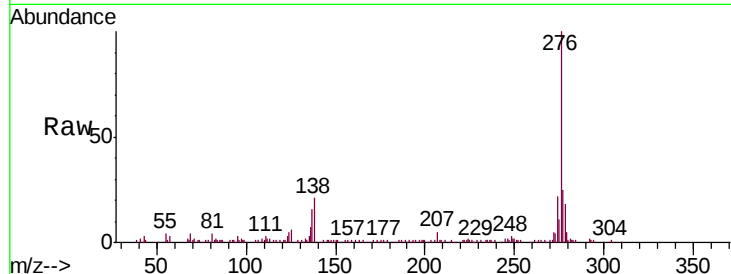
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 11.939 ng
 RT: 16.89 min Scan# 2517
 Delta R.T. -0.01 min
 Lab File: BF116455.D
 Acq: 21 Aug 2019 2:42

Instrument :
 BNA_F
 ClientSampleId :
 PX-02-081319

Tot Ion	Ratio	Resp	Lower	Upper
276	100	185823		
138	21.2		20.4	30.6
277	22.5		20.0	30.0

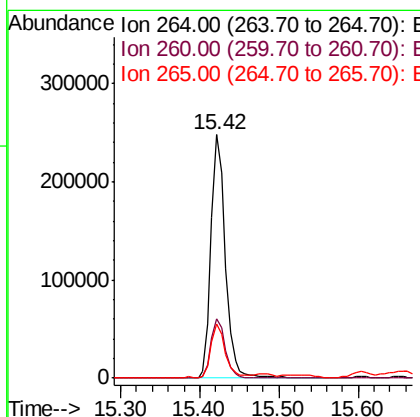
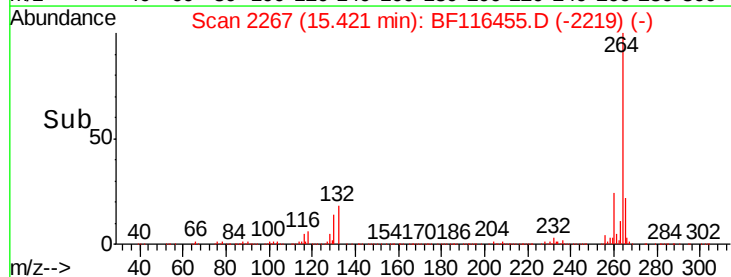
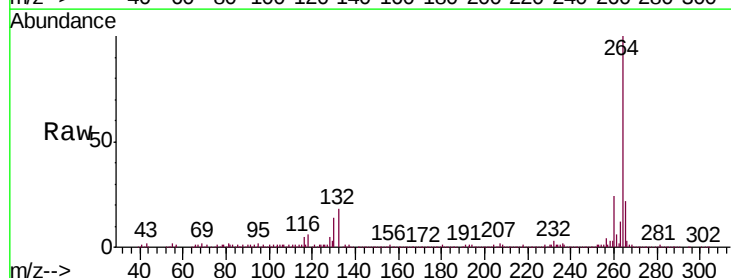
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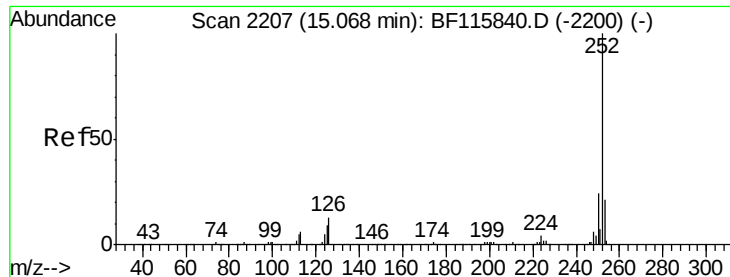
Jagrut
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#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2267
 Delta R.T. -0.02 min
 Lab File: BF116455.D
 Acq: 21 Aug 2019 2:42

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	311451		
260	24.3		19.7	29.5
265	22.4		17.4	26.0





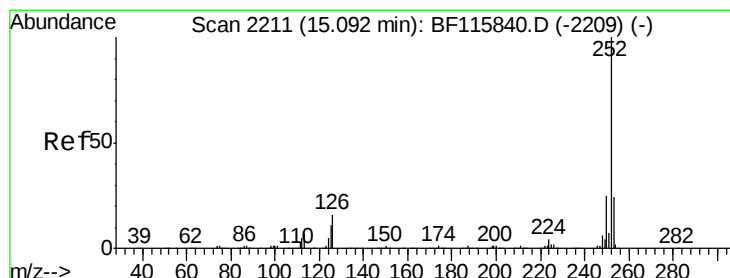
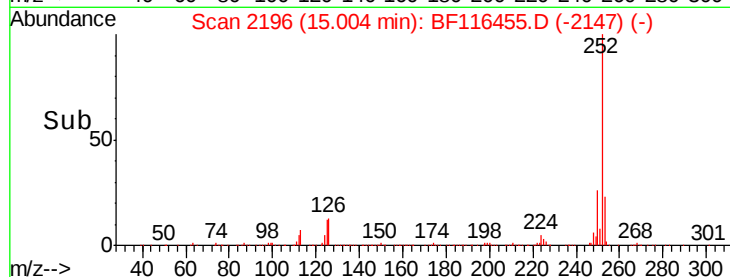
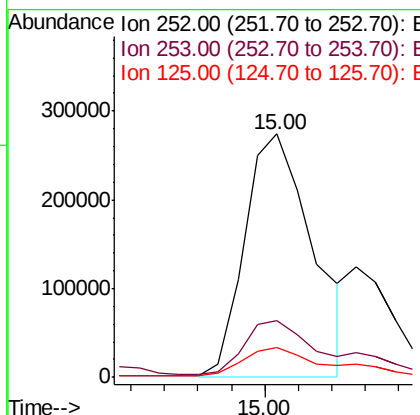
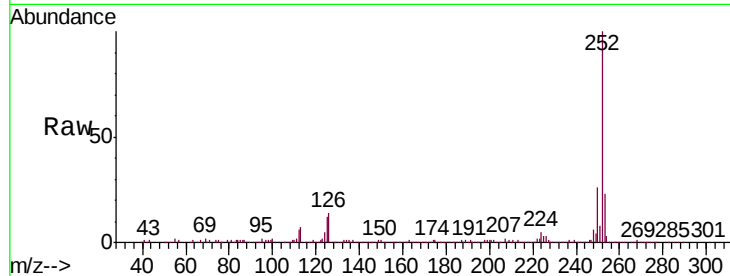
#88
Benzo(b)fluoranthene
Concen: 21.350 ng m
RT: 15.00 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF116455.D
Acq: 21 Aug 2019 2:42

Instrument :
BNA_F
ClientSampleId :
PX-02-081319

Tot Ion	Ratio	Resp	Lower	Upper
252	100	384489		
253	23.1	17.8	26.8	
125	12.4	8.4	12.6	

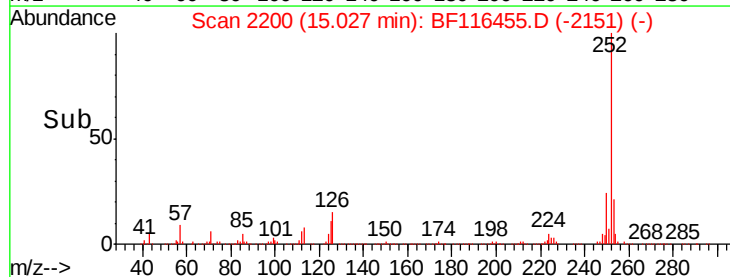
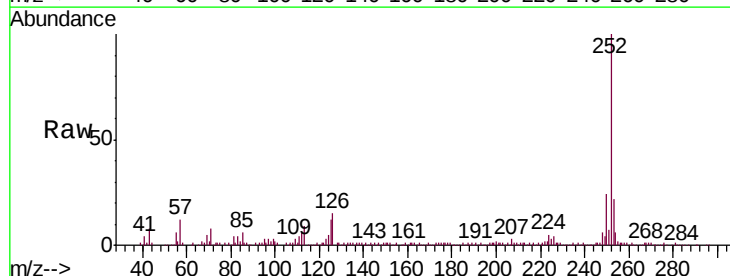
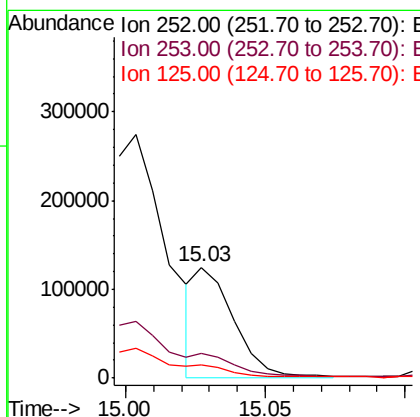
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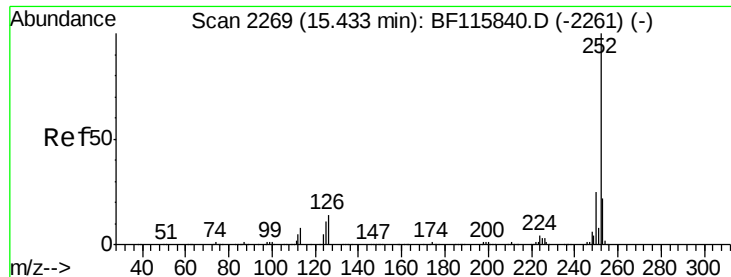
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#89
Benzo(k)fluoranthene
Concen: 6.970 ng m
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF116455.D
Acq: 21 Aug 2019 2:42

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	122256		
253	22.5	17.8	26.8	
125	12.0	7.7	11.5#	





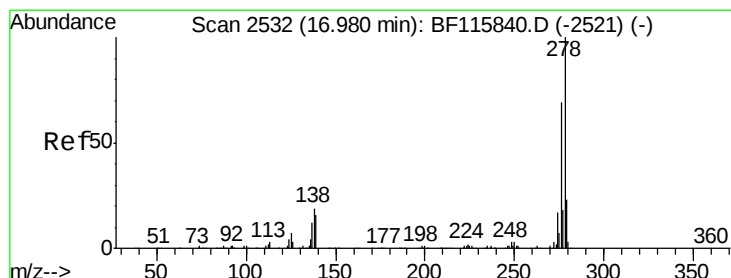
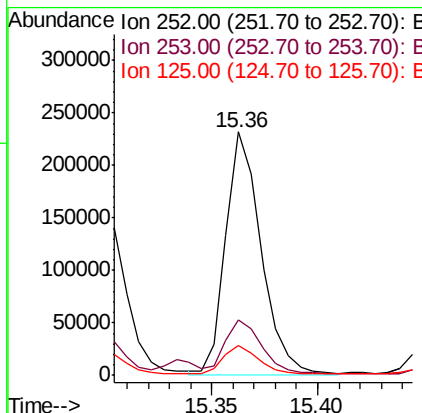
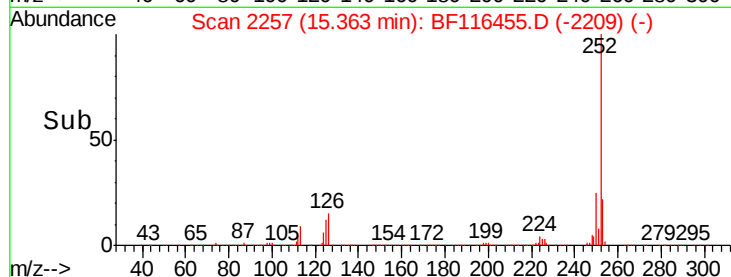
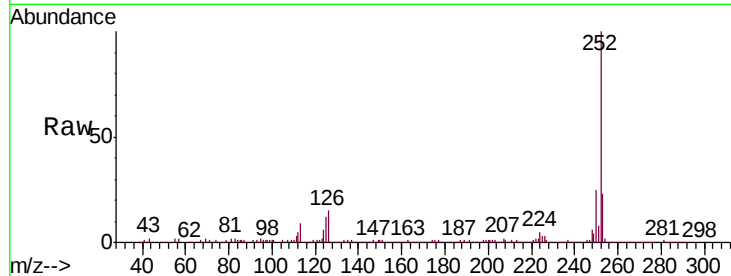
#90
Benzo(a)pyrene
Concen: 16.653 ng
RT: 15.36 min Scan# 2257
Delta R.T. -0.02 min
Lab File: BF116455.D
Acq: 21 Aug 2019 2:42

Instrument :
BNA_F
ClientSampleId :
PX-02-081319

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	12.1	8.9	13.3

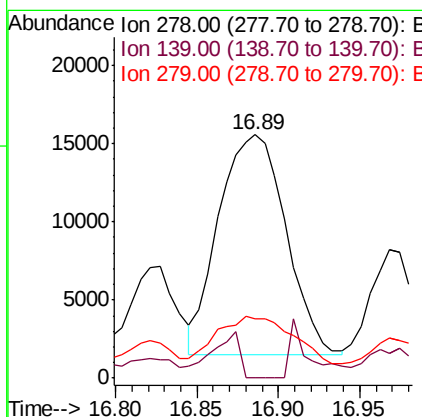
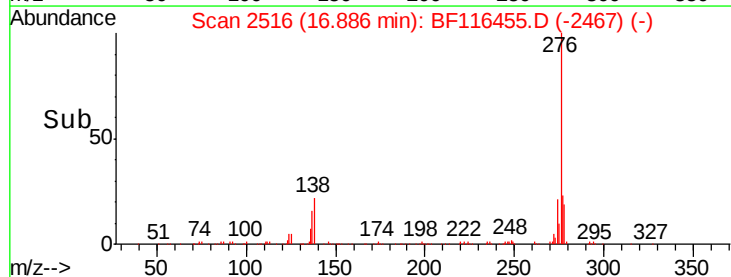
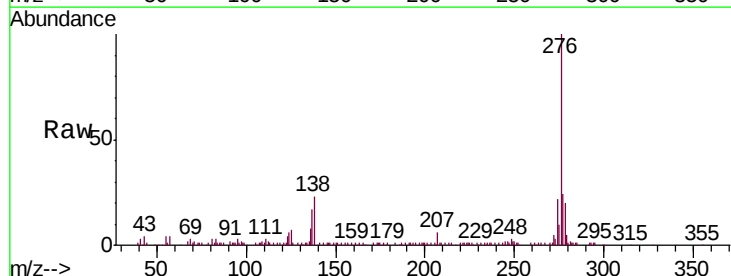
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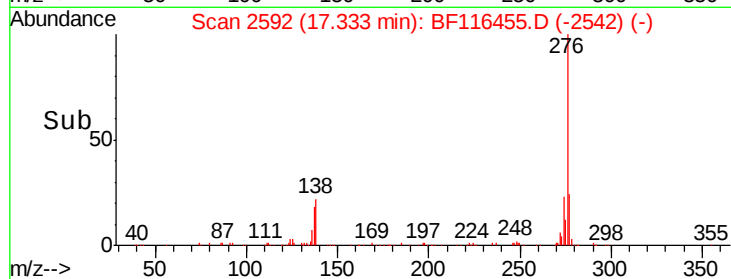
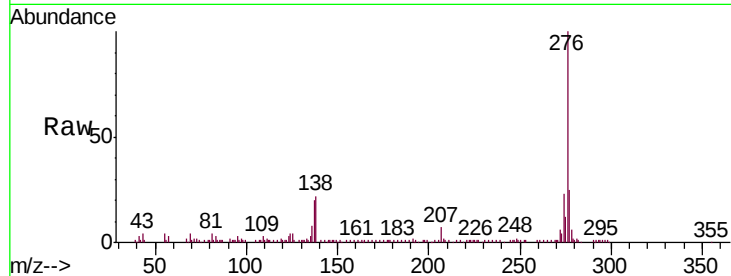
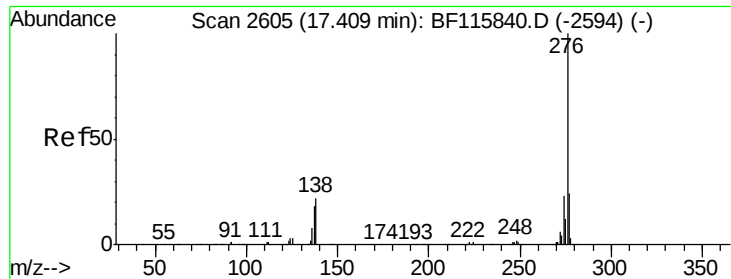
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#91
Dibenzo(a,h)anthracene
Concen: 2.901 ng m
RT: 16.89 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BF116455.D
Acq: 21 Aug 2019 2:42

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.8	19.2#
279	24.4	18.8	28.2





#92

Benzo(a,h,i)perylene

Concen: 12.214 ng

RT: 17.33 min Scan# 2592

Delta R.T. -0.01 min

Lab File: BF116455.D

Acq: 21 Aug 2019 2:42

Instrument :

BNA_F

ClientSampleId :

PX-02-081319

Tot Ion:	276	Resp:	167153
Ion Ratio		Lower	Upper
276	100		
277	25.1	18.4	27.6
138	22.5	17.0	25.6

Manual Integrations
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