

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082819\
 Data File : BF116626.D
 Acq On : 28 Aug 2019 20:29
 Operator : HP/JU
 Sample : K4567-11
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7-D

Manual Integrations
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Quant Time: Aug 29 03:14:33 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	118268	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	452226	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	246202	20.00	ng	-0.01
64) Phenanthrene-d10	11.37	188	402476	20.00	ng	0.00
76) Chrysene-d12	14.00	240	214130	20.00	ng	0.00
87) Perylene-d12	15.46	264	231295	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	572480	83.61	ng	0.00
7) Phenol-d6	6.49	99	790033	85.10	ng	0.00
23) Nitrobenzene-d5	7.42	82	541685	68.54	ng	-0.01
42) 2,4,6-Tribromophenol	10.68	330	227603	97.15	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	978000	66.11	ng	0.00
79) Terphenyl-d14	12.96	244	903135	68.59	ng	0.00
Target Compounds						
10) Phenol	6.50	94	56555	5.554	ng	99
50) Dimethylphthalate	9.60	163	158827	9.596	ng	100
71) Phenanthrene	11.40	178	69091	3.196	ng	99
75) Fluoranthene	12.59	202	259469	13.383	ng	98
78) Pyrene	12.81	202	266549	13.537	ng	99
81) Benzo(a)anthracene	13.99	228	105188	7.368	ng	94
83) Chrysene	14.03	228	99518m	7.121	ng	
86) Indeno(1,2,3-cd)pyrene	16.90	276	81006	10.756	ng	97
88) Benzo(b)fluoranthene	15.04	252	121820m	8.577	ng	
89) Benzo(k)fluoranthene	15.06	252	29071m	2.153	ng	
90) Benzo(a)pyrene	15.40	252	92138	7.268	ng	98
92) Benzo(a,h,i)perylene	17.34	276	79588	6.471	ng	97

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

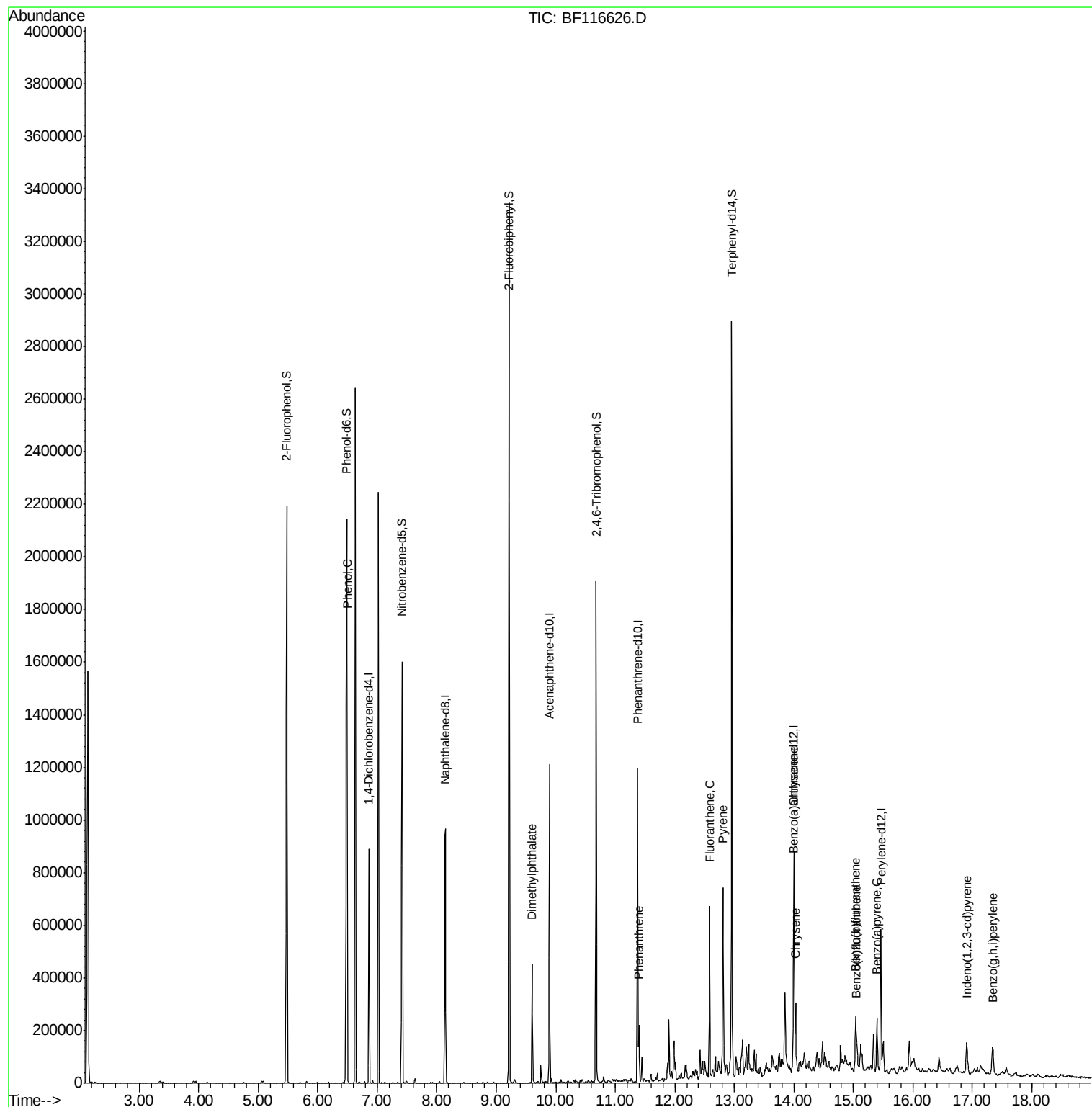
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082819\
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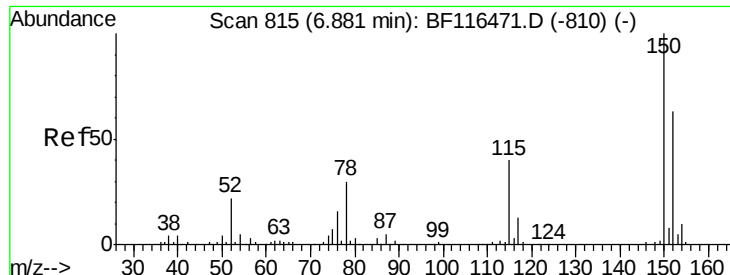
Instrument :
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#1

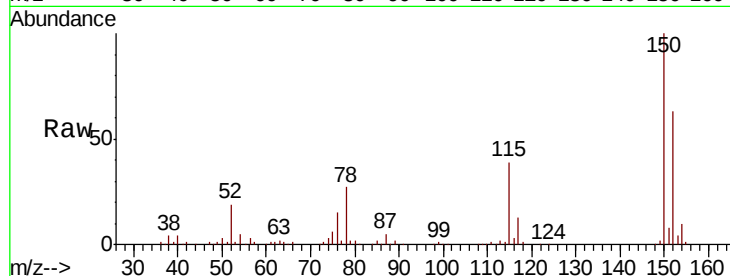
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF116626.D
Acq: 28 Aug 2019 20:29

Instrument :
BNA_F
ClientSampleId :
TP-7-D

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	123.4	185.2
115	61.6	48.2	72.2

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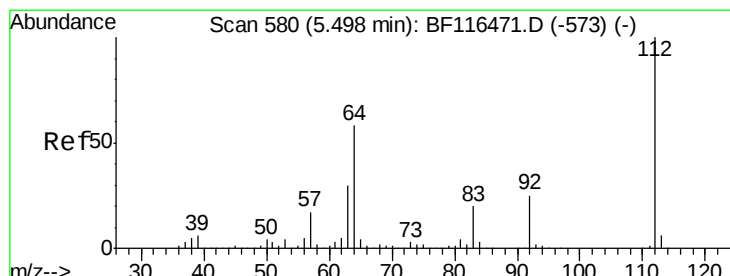
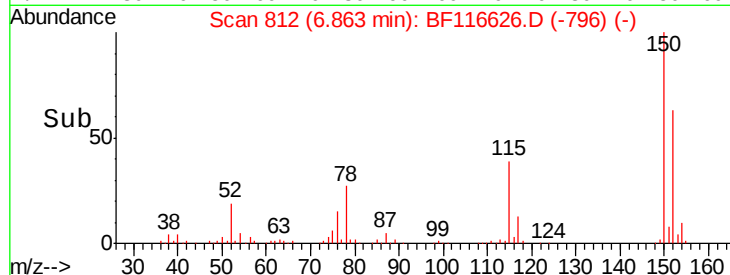
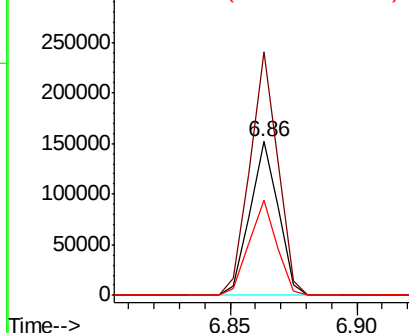


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

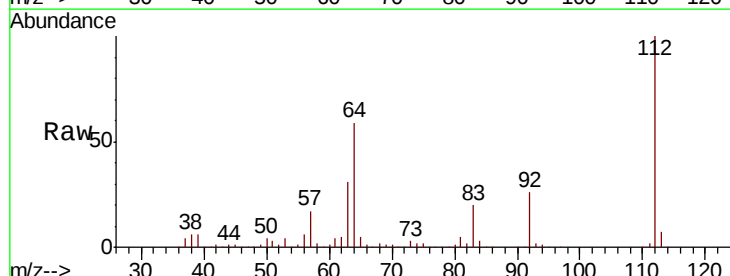
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 83.607 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF116626.D
Acq: 28 Aug 2019 20:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.8	48.0	72.0
63	31.4	24.6	36.8

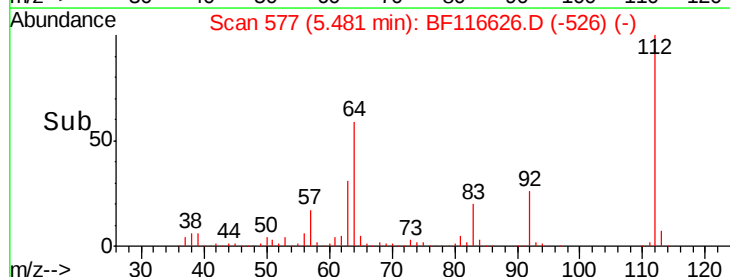
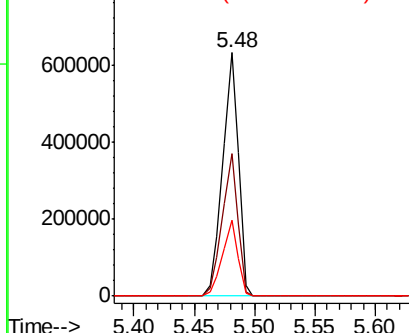


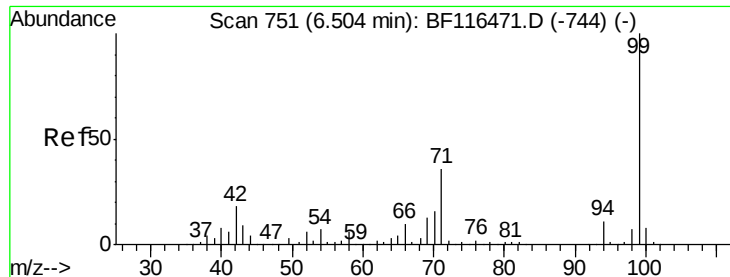
Abundance

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: 85.104 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF116626.D

Acq: 28 Aug 2019 20:29

Instrument :

BNA_F

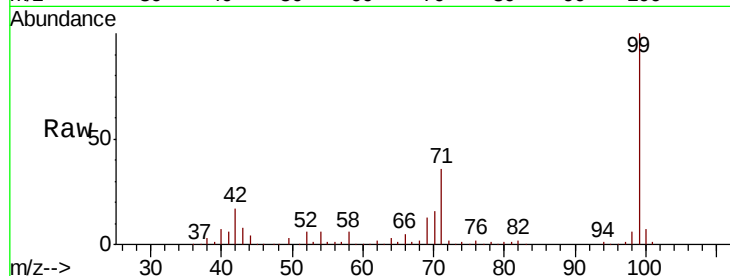
ClientSampled :

TP-7-D

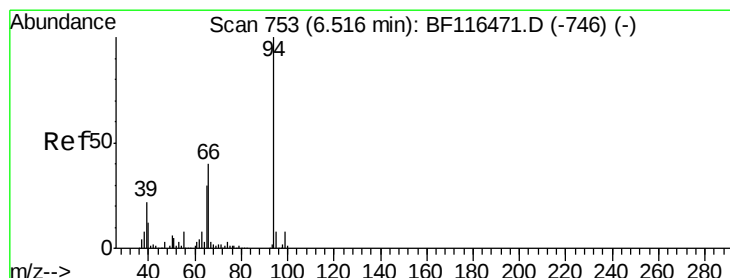
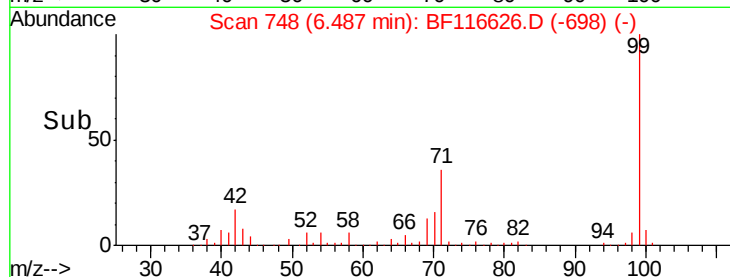
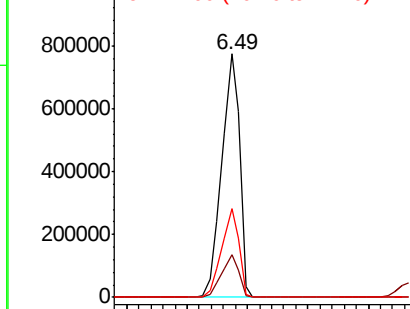
Tot Ion:	99	Resp:	790033
Ion Ratio	Lower	Upper	
99	100		
42	17.3	13.2	19.8
71	36.3	27.4	41.2

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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 5.554 ng

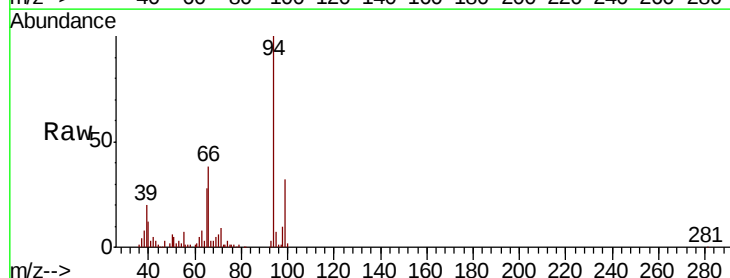
RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

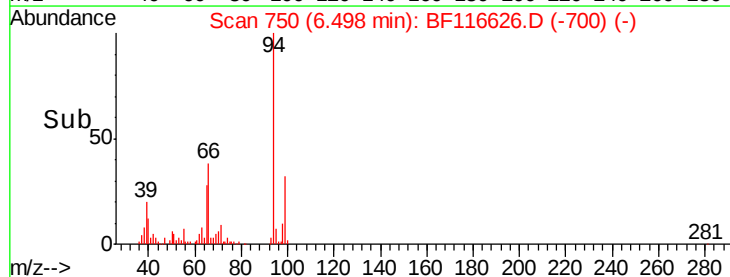
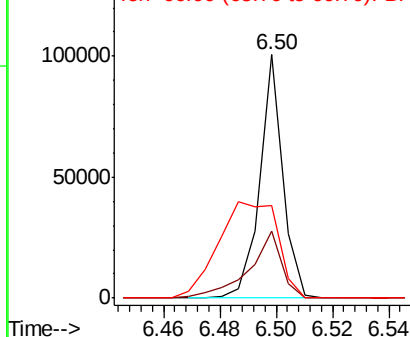
Lab File: BF116626.D

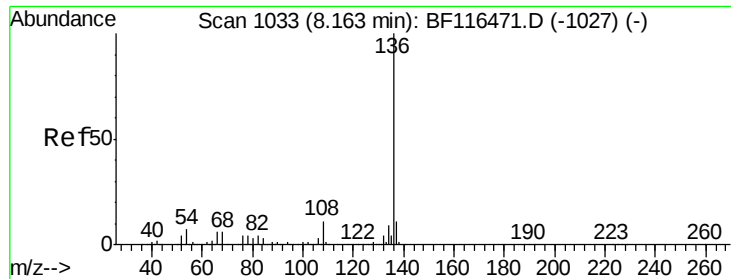
Acq: 28 Aug 2019 20:29

Tgt Ion:	94	Resp:	56555
Ion Ratio	Lower	Upper	
94	100		
65	27.6	8.6	48.6
66	37.9	18.0	58.0



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





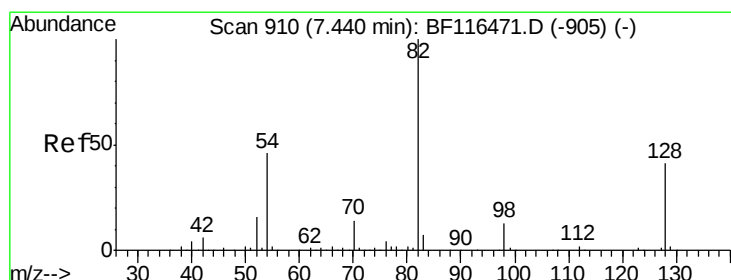
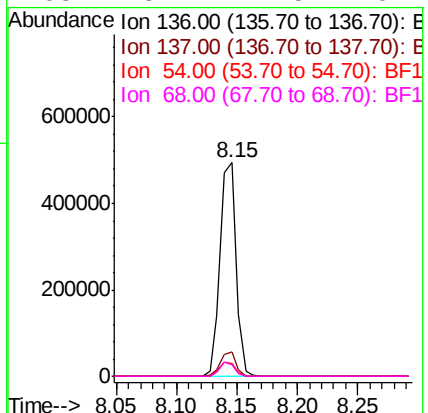
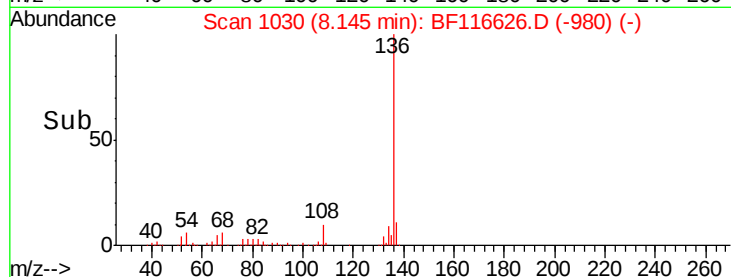
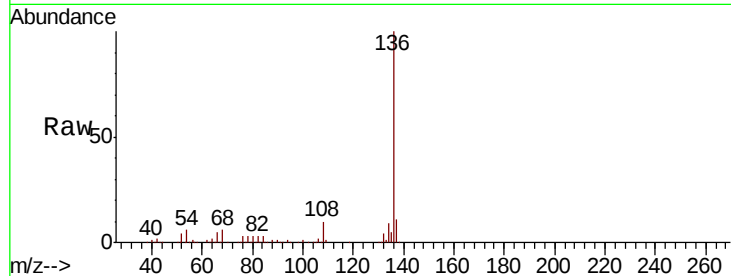
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF116626.D
Acq: 28 Aug 2019 20:29

Instrument :
BNA_F
ClientSampleId :
TP-7-D

Tot Ion	Ratio	Resp	Lower	Upper
136	100	452226		
137	11.1	8.7	13.1	
54	6.3	5.0	7.4	
68	5.7	4.5	6.7	

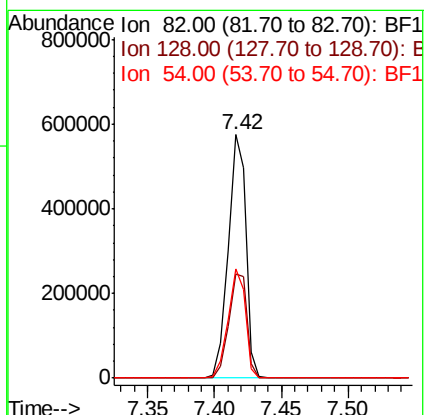
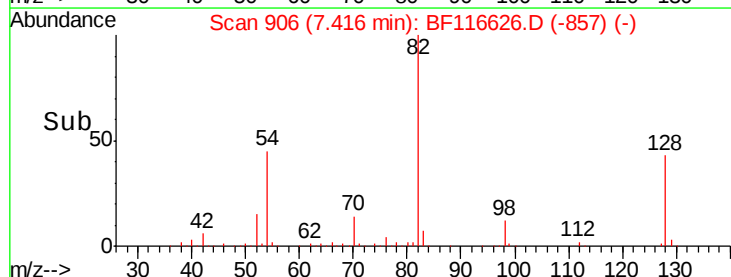
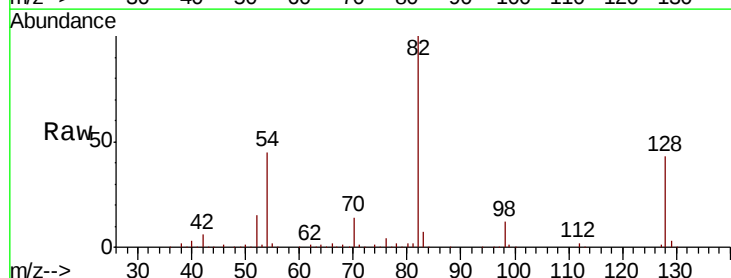
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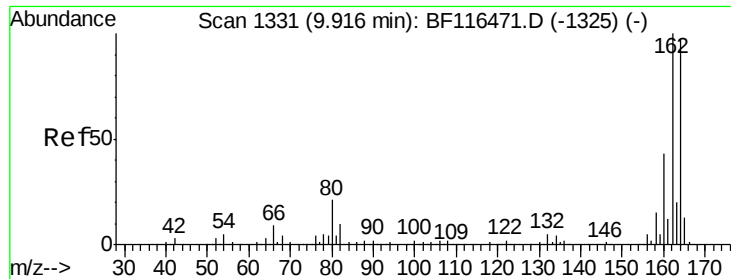
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#23
Nitrobenzene-d5
Concen: 68.539 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF116626.D
Acq: 28 Aug 2019 20:29

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	541685		
128	42.9	35.0	52.6	
54	44.6	34.4	51.6	





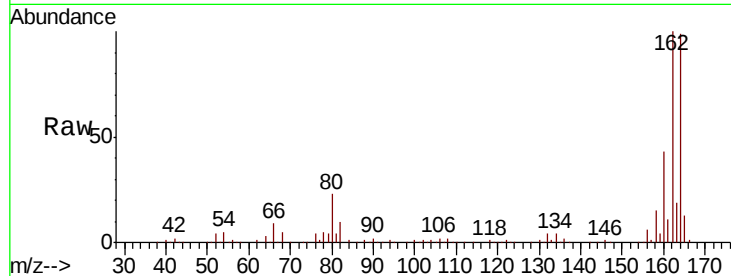
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF116626.D
 Acq: 28 Aug 2019 20:29

Instrument :
 BNA_F
 ClientSampled :
 TP-7-D

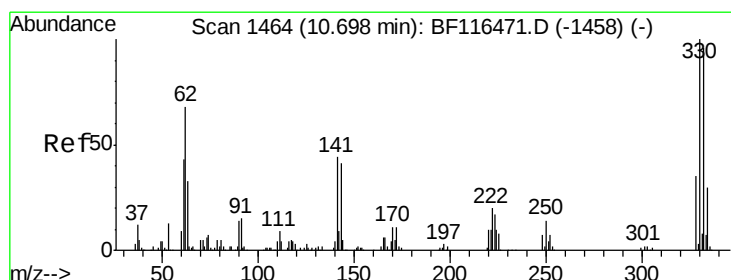
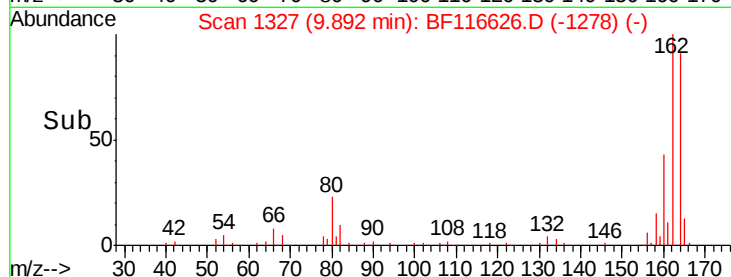
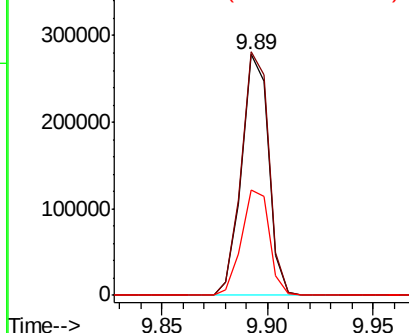
Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.1	83.4	125.0	
160	43.6	37.0	55.4	

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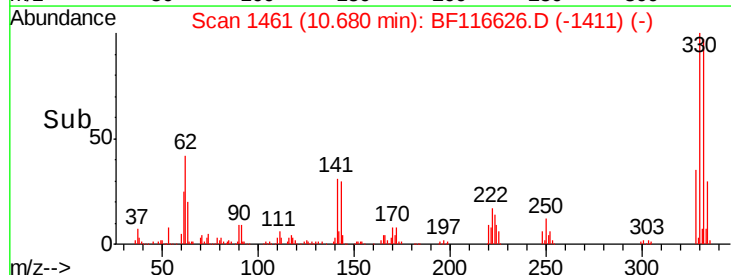
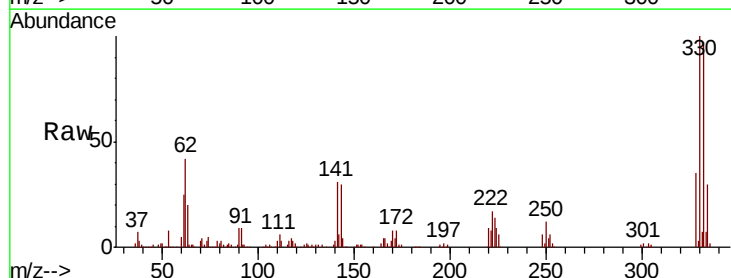
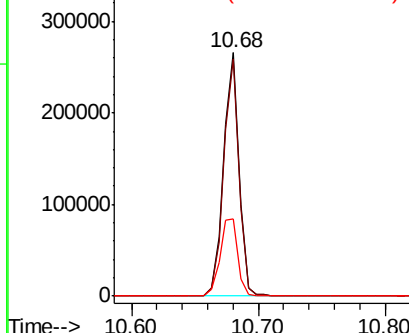
Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

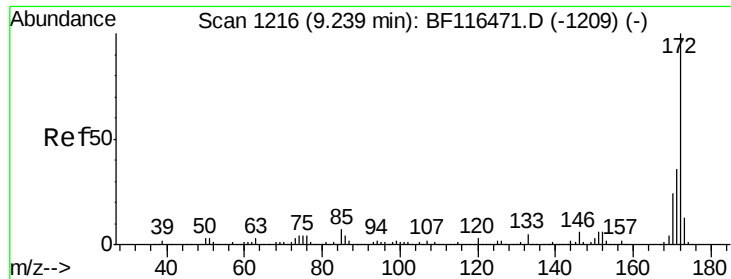


#42
 2,4,6-Tribromophenol
 Concen: 97.147 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF116626.D
 Acq: 28 Aug 2019 20:29

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.3	77.5	116.3	
141	36.3	28.2	42.2	

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





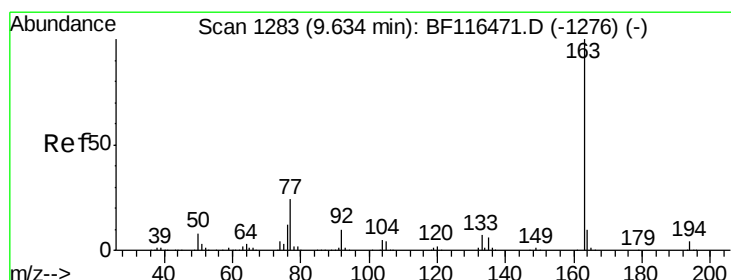
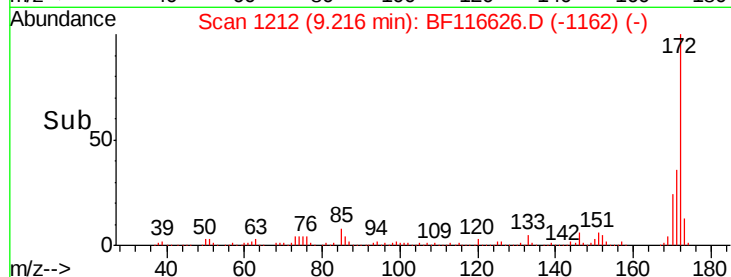
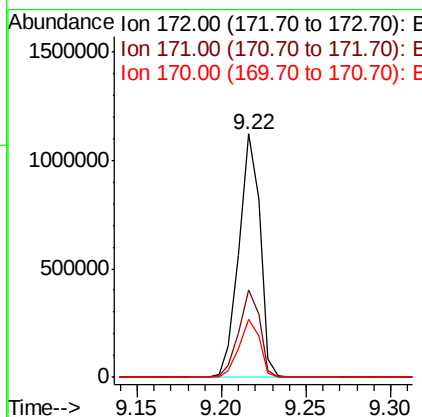
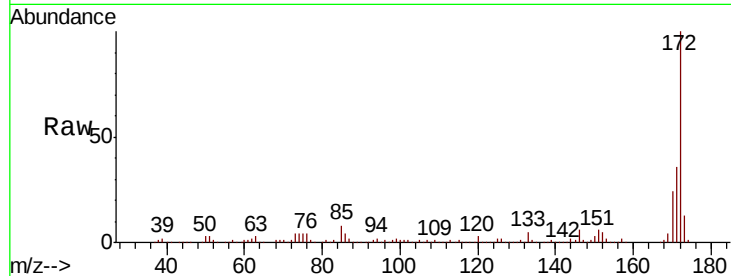
#45
2-Fluorobiphenyl
Concen: 66.108 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF116626.D
Acq: 28 Aug 2019 20:29

Instrument :
BNA_F
ClientSampleId :
TP-7-D

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.9	29.0	43.6	
170	23.8	19.3	28.9	

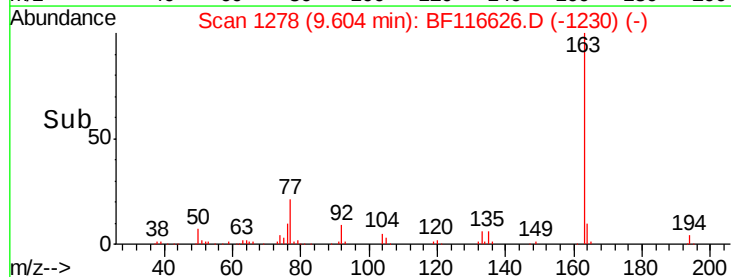
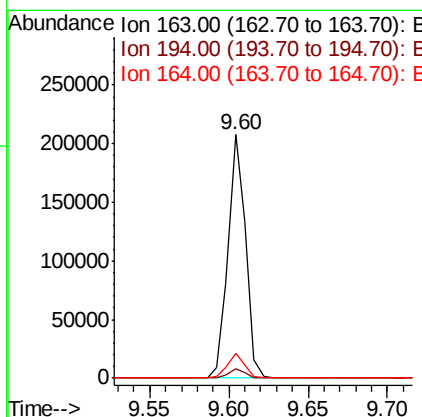
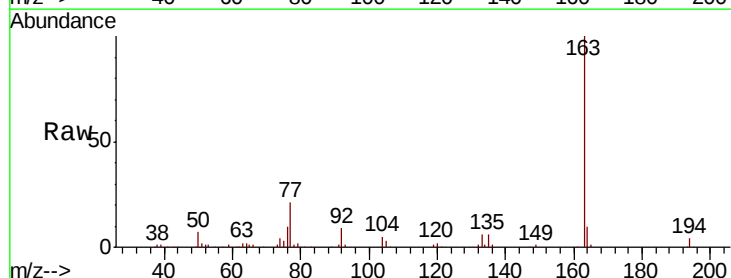
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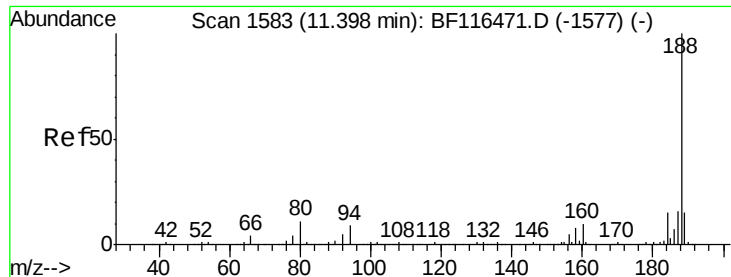
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#50
Dimethylphthalate
Concen: 9.596 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF116626.D
Acq: 28 Aug 2019 20:29

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.7	3.0	4.6	
164	10.2	8.2	12.2	





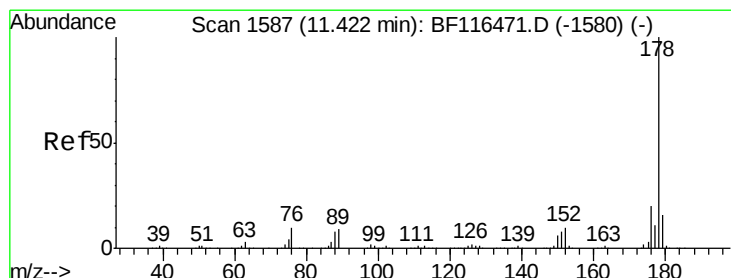
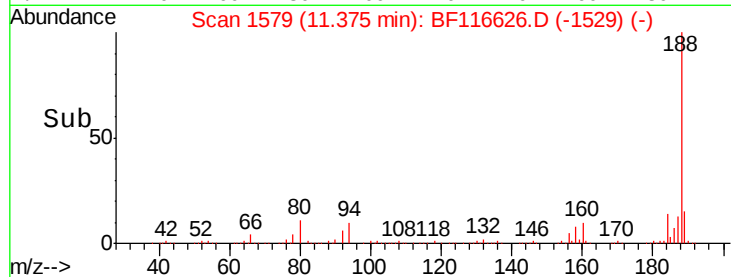
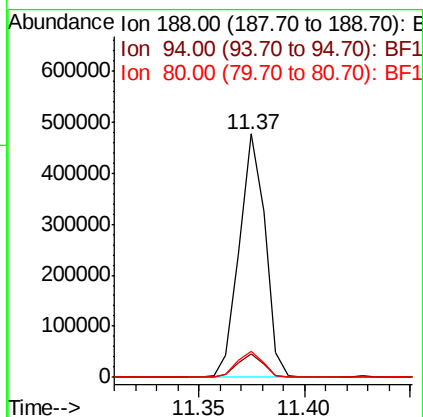
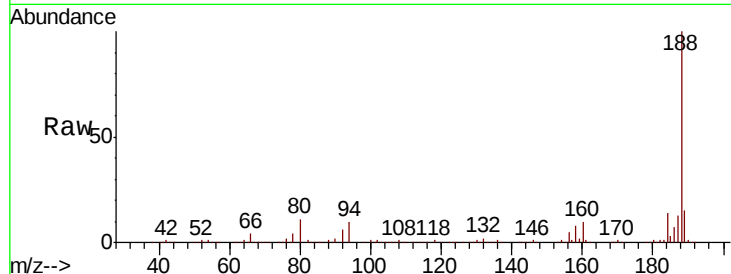
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. -0.01 min
 Lab File: BF116626.D
 Acq: 28 Aug 2019 20:29

Instrument :
 BNA_F
 ClientSampled :
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Tot Ion:	188	Resp:	402476
Ion Ratio	Lower	Upper	
188	100		
94	9.8	8.2	12.4
80	10.7	8.9	13.3

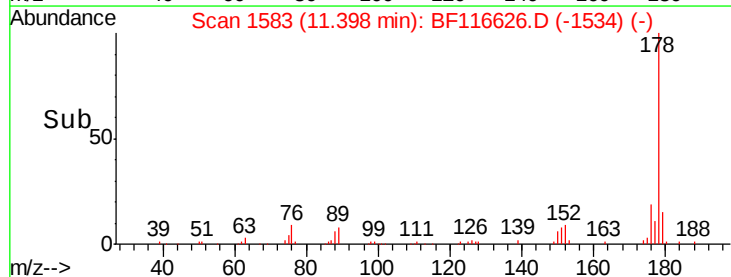
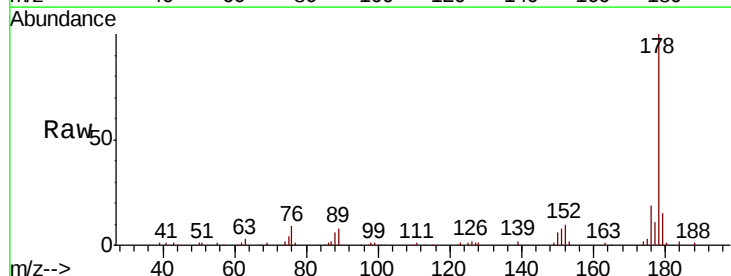
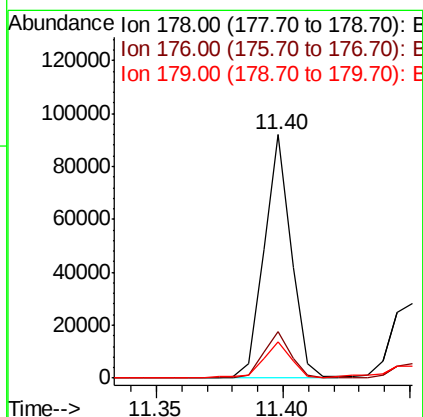
Manual Integrations
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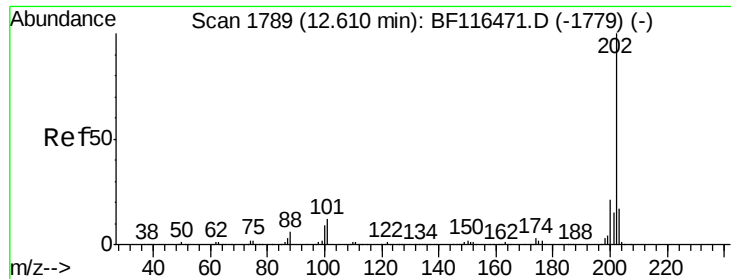
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#71
 Phenanthrene
 Concen: 3.196 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.01 min
 Lab File: BF116626.D
 Acq: 28 Aug 2019 20:29

Tgt Ion:	178	Resp:	69091
Ion Ratio	Lower	Upper	
178	100		
176	19.1	15.5	23.3
179	14.9	12.4	18.6





#75

Fluoranthene

Concen: 13.383 ng

RT: 12.59 min Scan# 1785

Delta R.T. -0.01 min

Lab File: BF116626.D

Acq: 28 Aug 2019 20:29

Instrument :

BNA_F

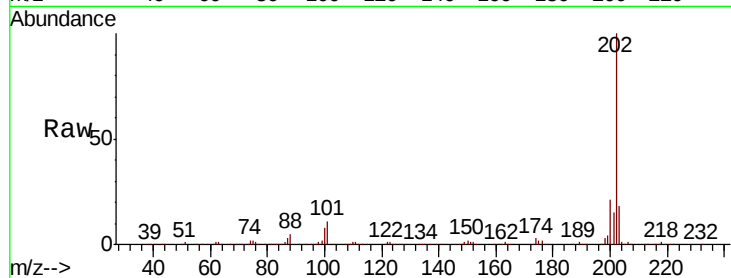
ClientSampleId :

TP-7-D

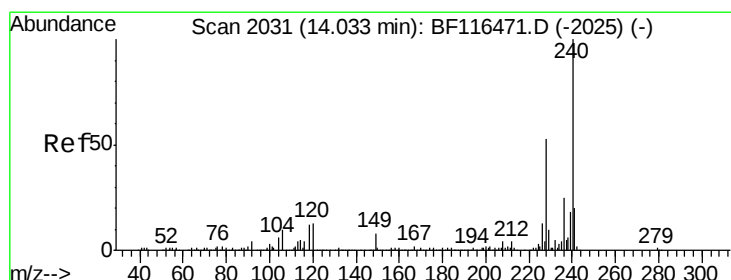
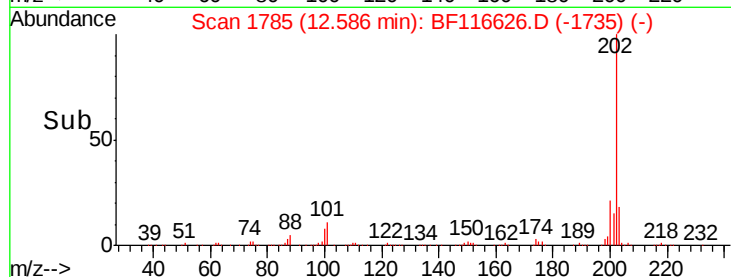
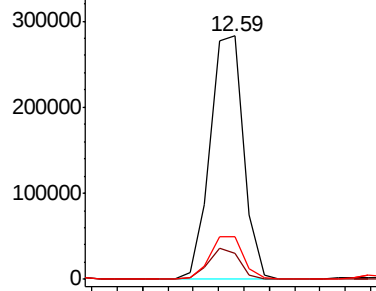
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		259469		
101	10.7	0.0	31.8		
203	17.7	0.0	37.1		

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

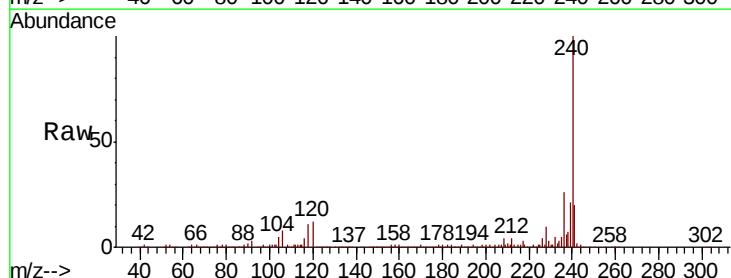
RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

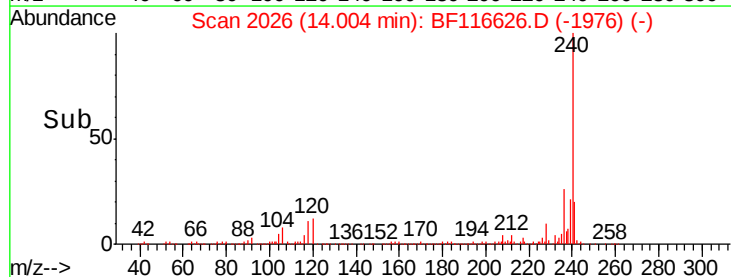
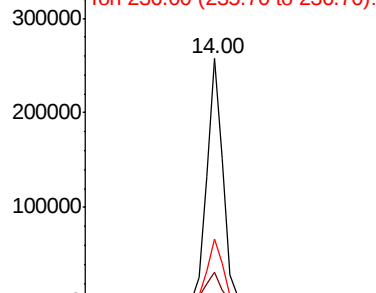
Lab File: BF116626.D

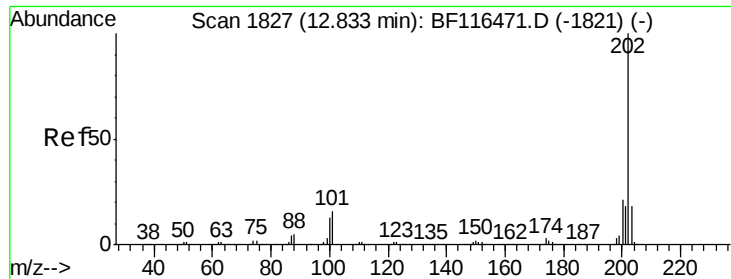
Acq: 28 Aug 2019 20:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		214130		
120	12.2	11.3	16.9		
236	25.7	21.4	32.2		



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





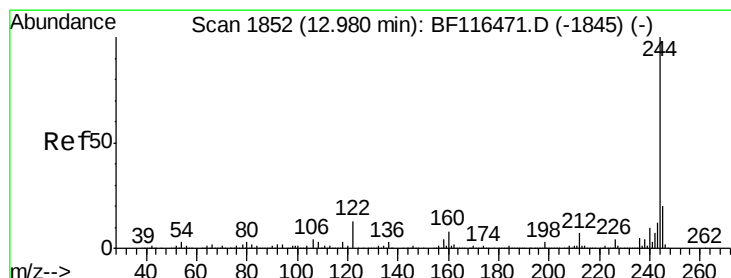
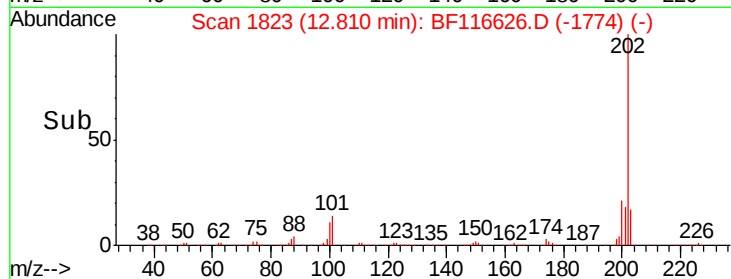
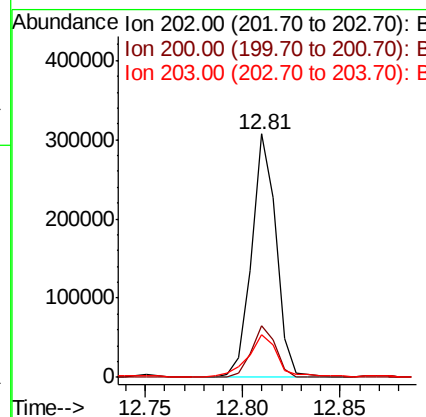
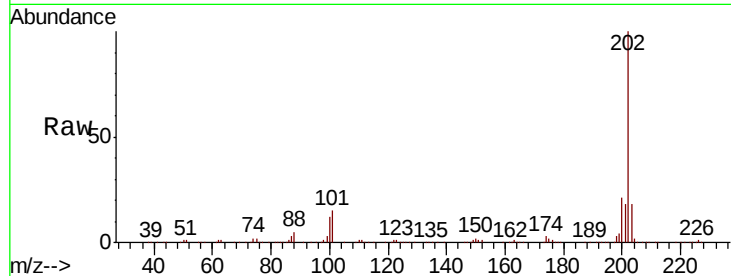
#78
Pvrene
Concen: 13.537 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BF116626.D
Acq: 28 Aug 2019 20:29

Instrument :
BNA_F
ClientSampled :
TP-7-D

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.3	17.4	26.0
203	17.6	14.2	21.4

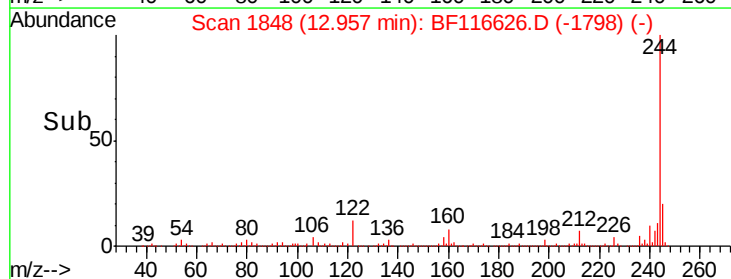
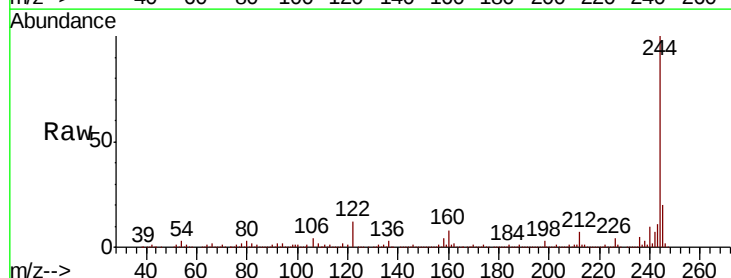
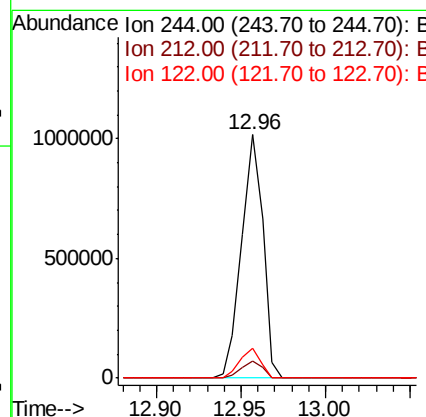
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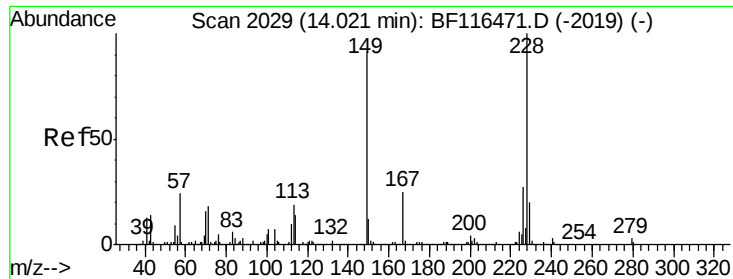
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#79
Terphenyl-d14
Concen: 68.594 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF116626.D
Acq: 28 Aug 2019 20:29

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.1	5.9	8.9
122	12.4	10.0	15.0





#81

Benzo(a)anthracene

Concen: 7.368 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF116626.D

Acq: 28 Aug 2019 20:29

Instrument :

BNA_F

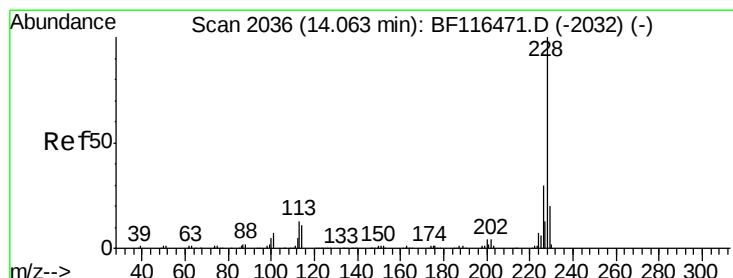
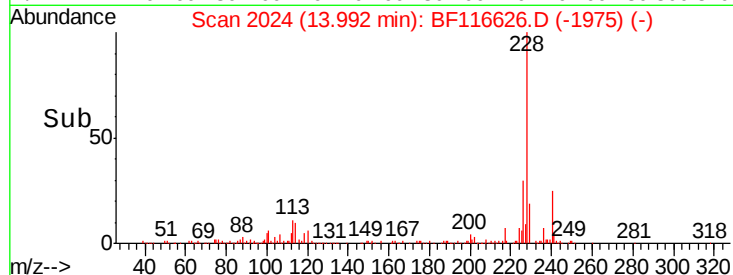
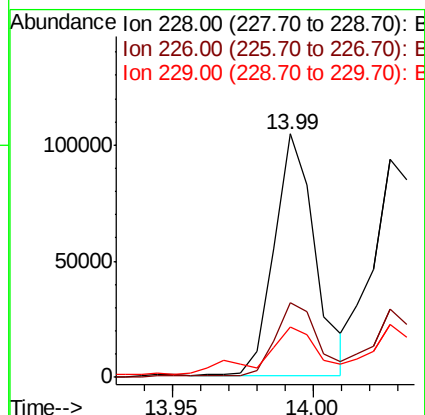
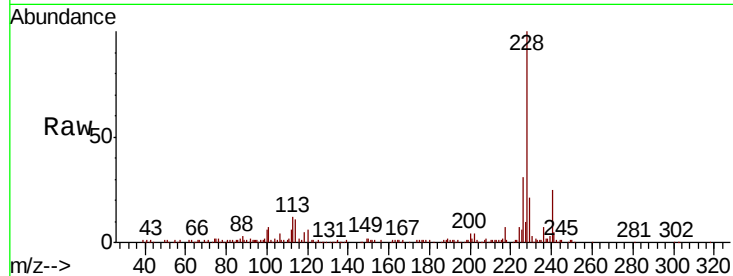
ClientSampleId :

TP-7-D

Tot Ion:	228	Resp:	105188
Ion Ratio	Lower	Upper	
228	100		
226	30.7	21.5	32.3
229	20.7	15.4	23.0

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#83

Chrysene

Concen: 7.121 ng m

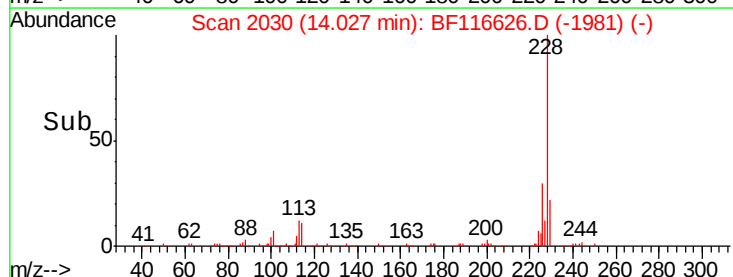
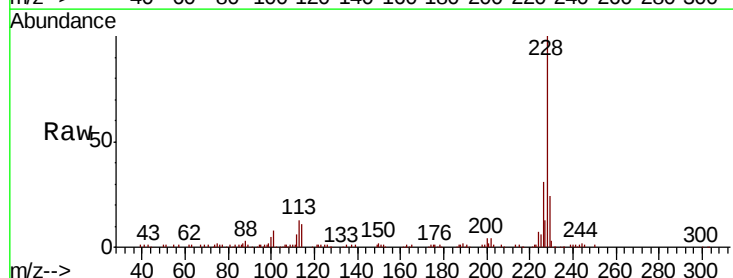
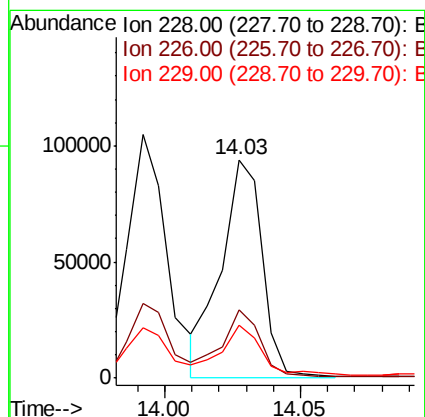
RT: 14.03 min Scan# 2030

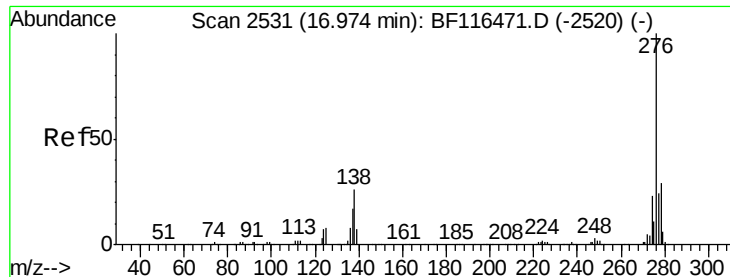
Delta R.T. -0.01 min

Lab File: BF116626.D

Acq: 28 Aug 2019 20:29

Tgt Ion:	228	Resp:	99518
Ion Ratio	Lower	Upper	
228	100		
226	31.2	24.0	36.0
229	24.3	15.8	23.8#





#86

Indeno(1,2,3-cd)pyrene

Concen: 10.756 ng

RT: 16.90 min Scan# 2519

Delta R.T. -0.02 min

Lab File: BF116626.D

Acq: 28 Aug 2019 20:29

Instrument :

BNA_F

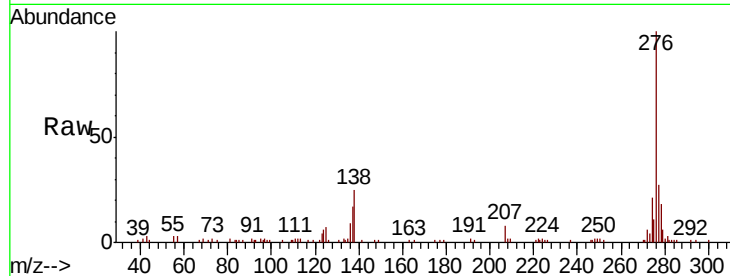
ClientSampled :

TP-7-D

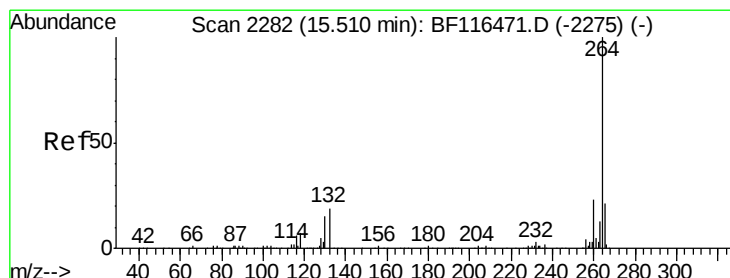
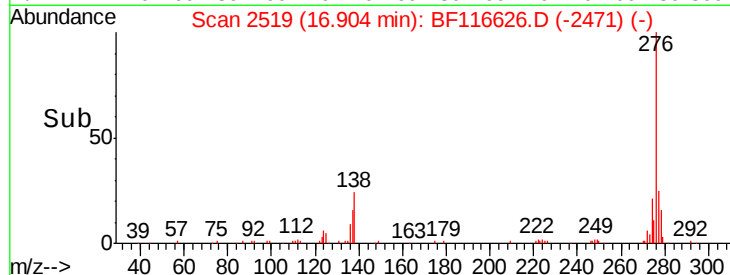
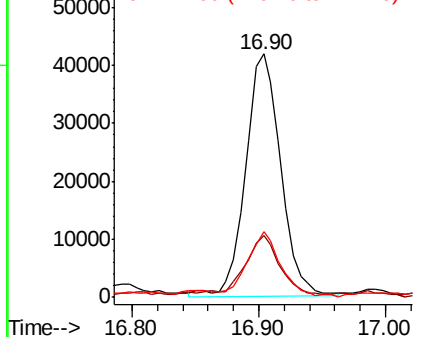
Tot Ion:	276	Resp:	81006
Ion Ratio	Lower	Upper	
276	100		
138	25.3	21.5	32.3
277	26.2	20.0	30.0

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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#87

Perylene-d12

Concen: 20.000 ng

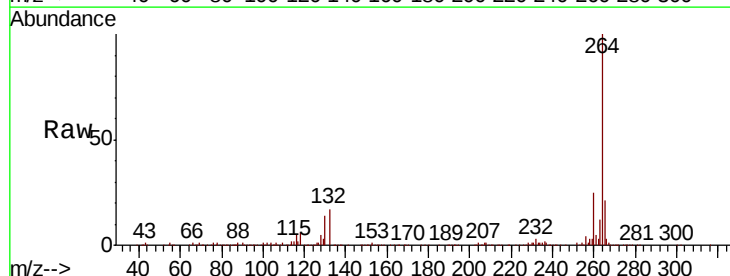
RT: 15.46 min Scan# 2274

Delta R.T. -0.01 min

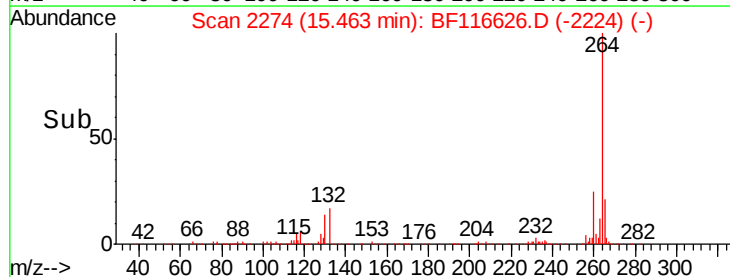
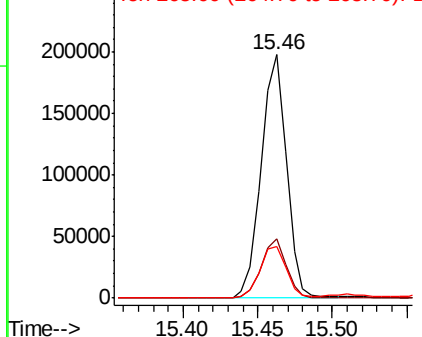
Lab File: BF116626.D

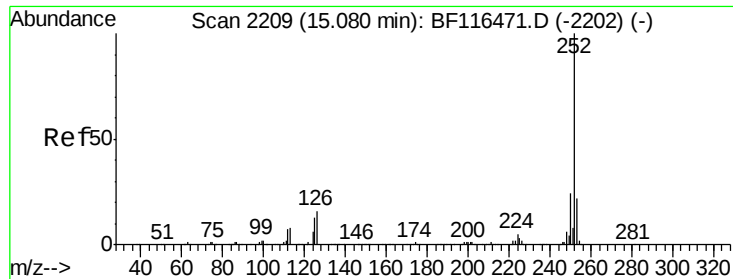
Acq: 28 Aug 2019 20:29

Tgt Ion:	264	Resp:	231295
Ion Ratio	Lower	Upper	
264	100		
260	24.5	20.0	30.0
265	21.4	17.6	26.4



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





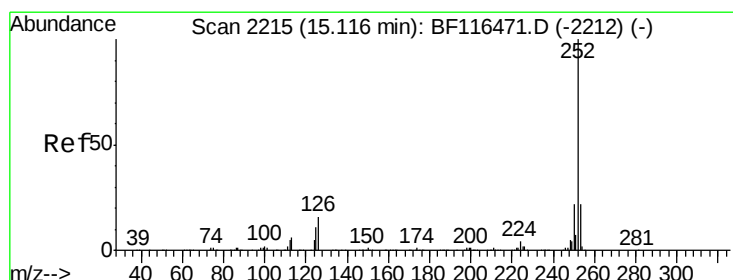
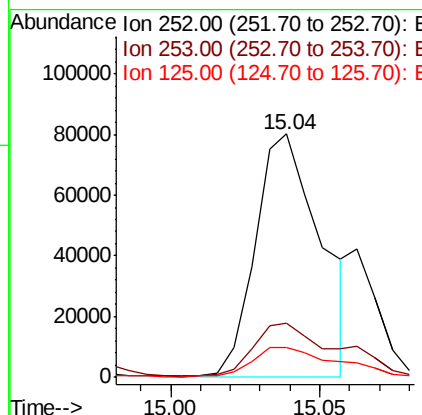
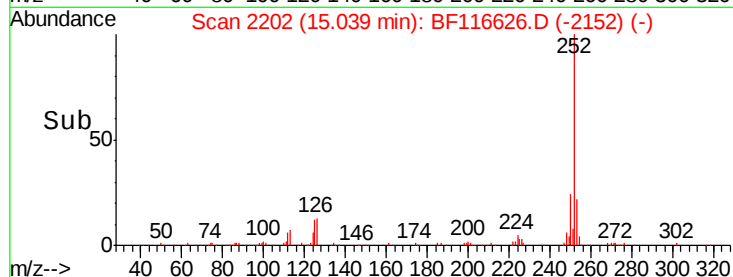
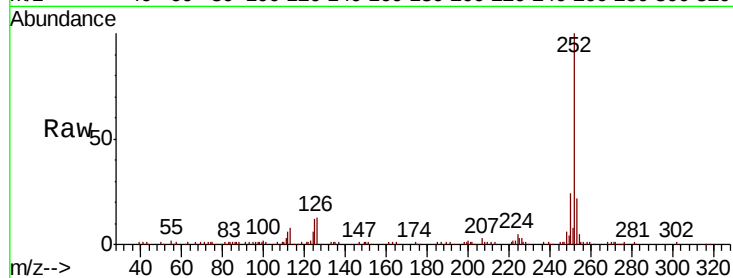
#88
Benzo(b)fluoranthene
Concen: 8.577 ng m
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BF116626.D
Acq: 28 Aug 2019 20:29

Instrument :
BNA_F
ClientSampled :
TP-7-D

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.3	25.9
125	12.1	9.0	13.6

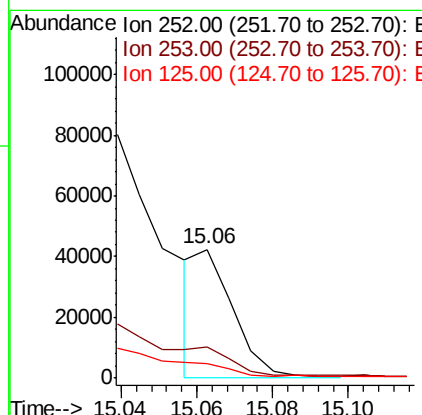
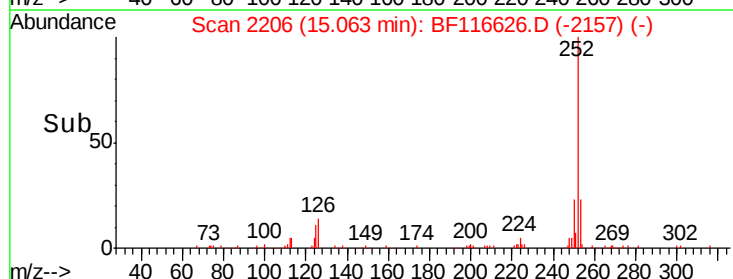
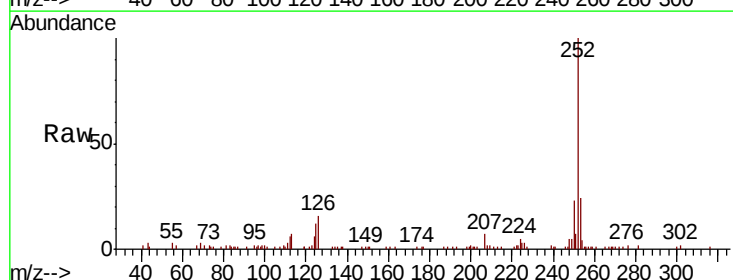
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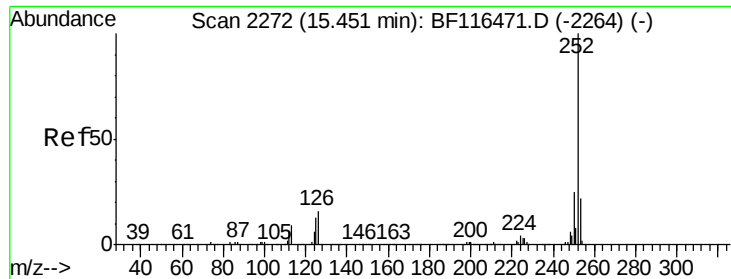
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#89
Benzo(k)fluoranthene
Concen: 2.153 ng m
RT: 15.06 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF116626.D
Acq: 28 Aug 2019 20:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.2	25.8
125	11.6	8.6	13.0





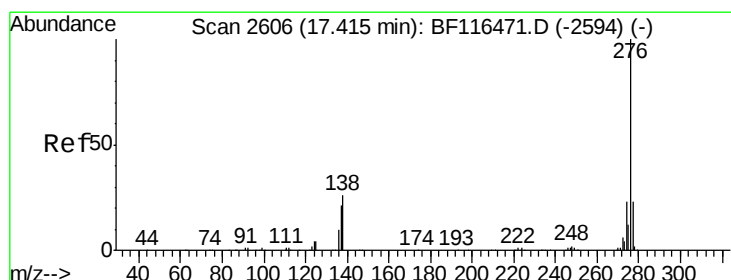
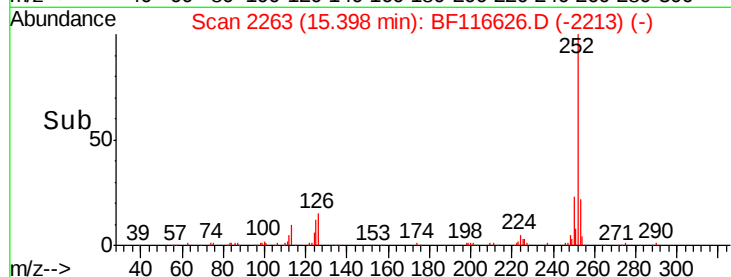
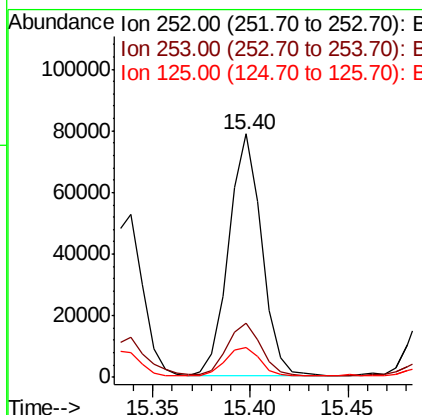
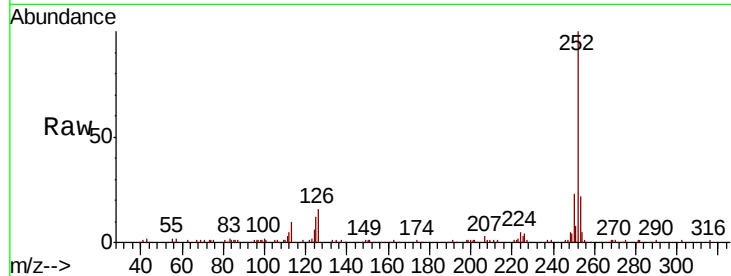
#90
Benzo(a)pyrene
Concen: 7.268 ng
RT: 15.40 min Scan# 2263
Delta R.T. -0.01 min
Lab File: BF116626.D
Acq: 28 Aug 2019 20:29

Instrument :
BNA_F
ClientSampled :
TP-7-D

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.0
125	12.1	10.6	16.0

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#92
Benzo(g,h,i)perylene
Concen: 6.471 ng
RT: 17.34 min Scan# 2593
Delta R.T. -0.02 min
Lab File: BF116626.D
Acq: 28 Aug 2019 20:29

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.0	28.4
138	25.5	18.2	27.2

