

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082519\
 Data File : BF116543.D
 Acq On : 25 Aug 2019 20:18
 Operator : HP/JU
 Sample : K4403-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T1-H1-H4-(0-2.5)

Manual Integrations
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mohammad
 8/29/2019 7:53:35 AM

Quant Time: Aug 26 08:03:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 23 13:38:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	134121	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	503988	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	228785	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	330047	20.00	ng	0.00
76) Chrysene-d12	14.03	240	210435	20.00	ng	0.00
87) Perylene-d12	15.50	264	204477	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	615402	67.04	ng	0.02
7) Phenol-d6	6.52	99	822381	73.07	ng	0.01
23) Nitrobenzene-d5	7.44	82	486447	52.81	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	108106	55.03	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	768694	54.11	ng	0.00
79) Terphenyl-d14	12.98	244	605022	53.70	ng	0.00
Target Compounds						
10) Phenol	6.52	94	28872	2.362	ng	Qvalue # 74
50) Dimethylphthalate	9.63	163	132548	8.304	ng	99
71) Phenanthrene	11.42	178	110030	6.120	ng	98
75) Fluoranthene	12.61	202	193577	10.414	ng	100
78) Pyrene	12.84	202	173974	10.338	ng	99
81) Benzo(a)anthracene	14.02	228	87874	6.448	ng	100
83) Chrysene	14.06	228	78908	5.712	ng	96
86) Indeno(1,2,3-cd)pyrene	16.97	276	37489m	3.168	ng	
88) Benzo(b)fluoranthene	15.07	252	92607m	7.331	ng	
89) Benzo(k)fluoranthene	15.10	252	25343m	2.215	ng	
90) Benzo(a)pyrene	15.44	252	63133	5.655	ng	97
92) Benzo(a,h,i)perylene	17.41	276	34354	3.928	ng	96

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

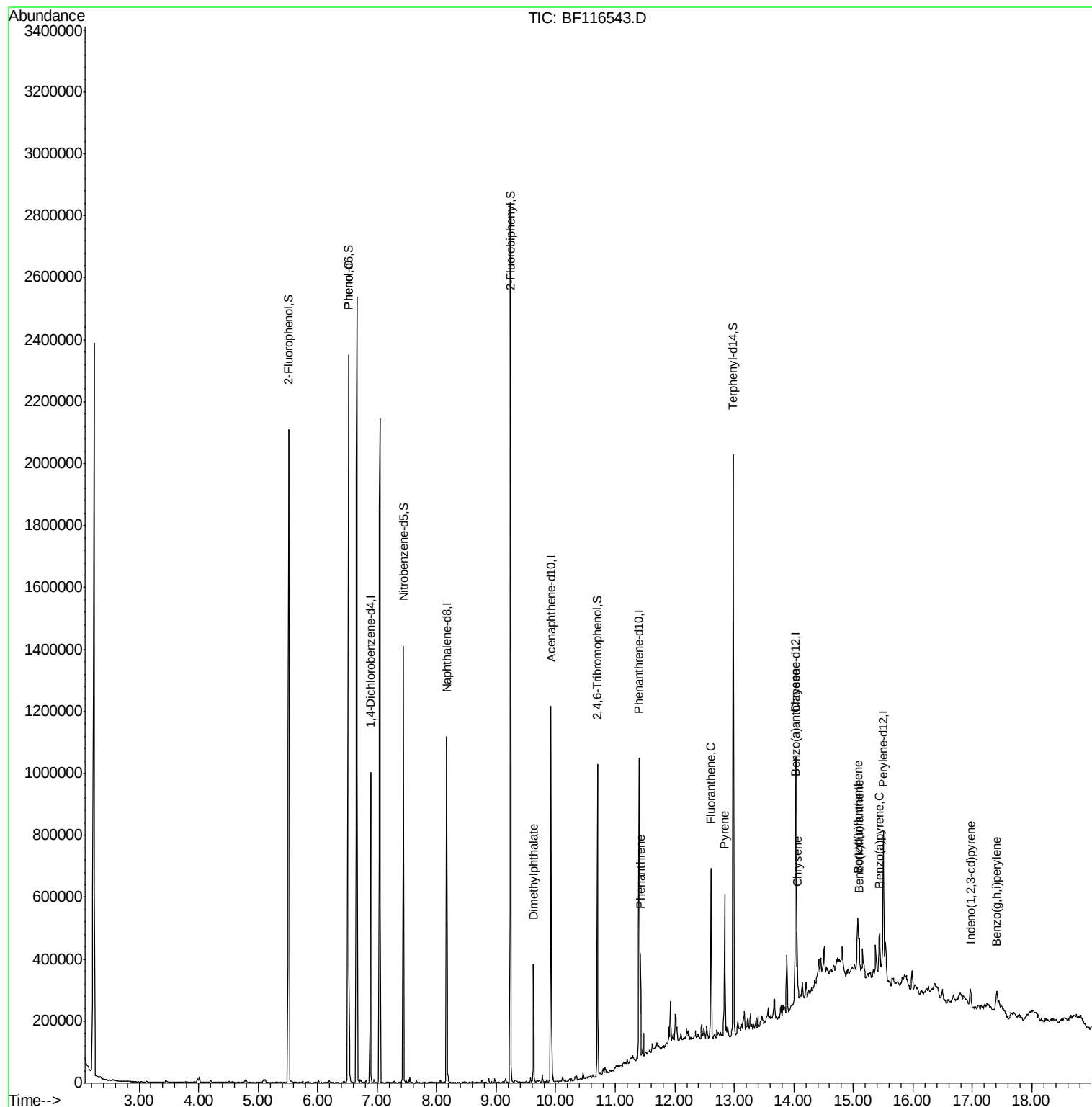
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082519\
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ALS Vial : 19 Sample Multiplier: 1

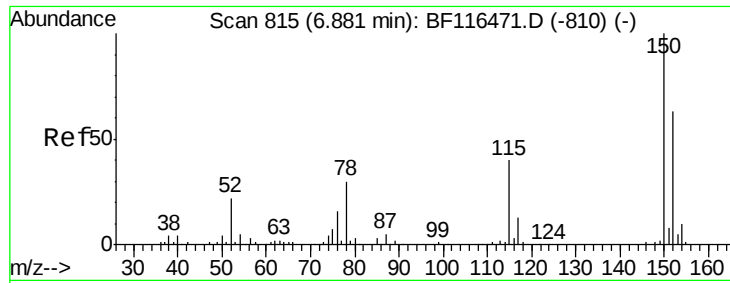
Instrument :
BNA_F
ClientSampleId :
T1-H1-H4-(0-2.5)

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#1

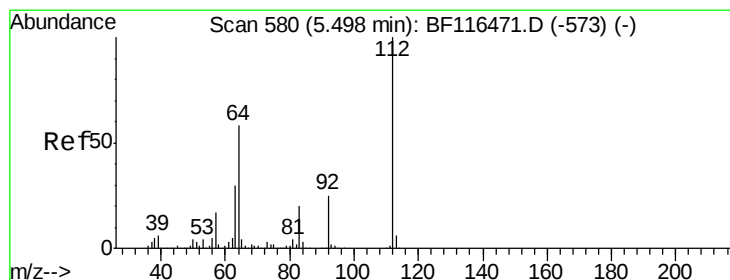
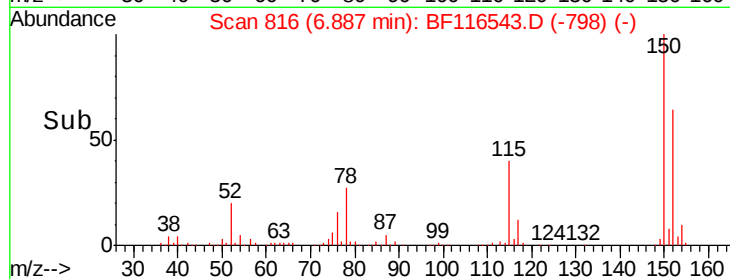
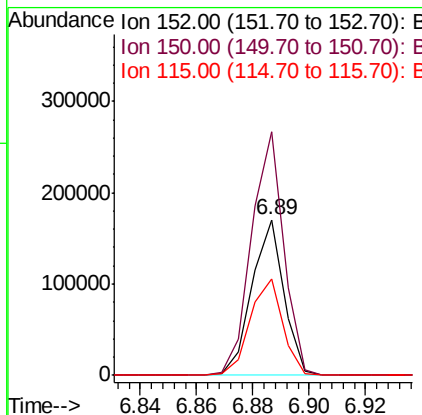
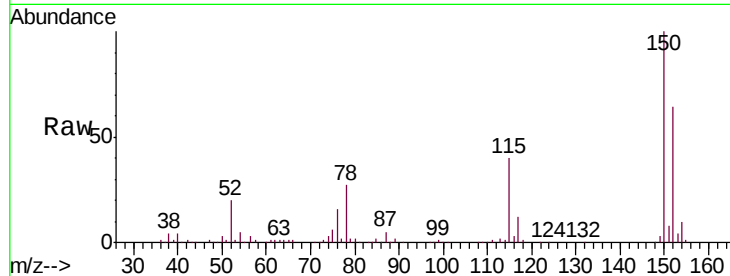
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF116543.D
Acq: 25 Aug 2019 20:18

Instrument :
BNA_F
ClientSampleId :
T1-H1-H4-(0-2.5)

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	126.7	190.1
115	62.4	50.9	76.3

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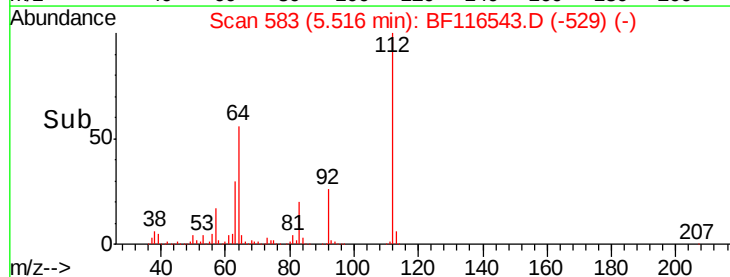
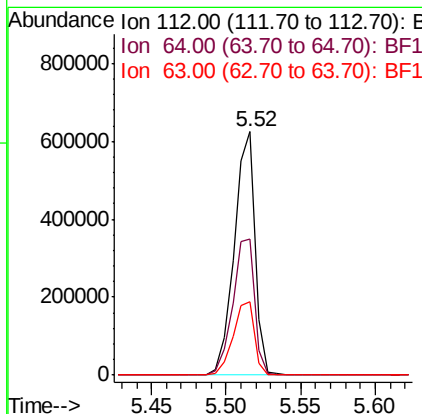
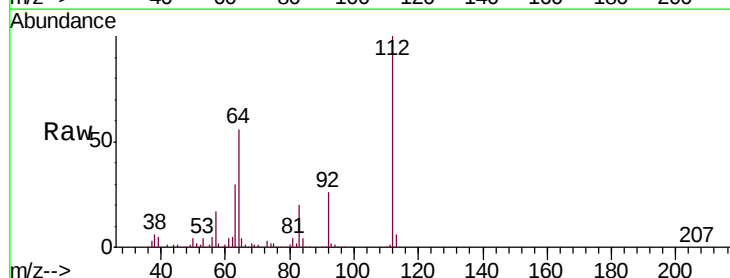
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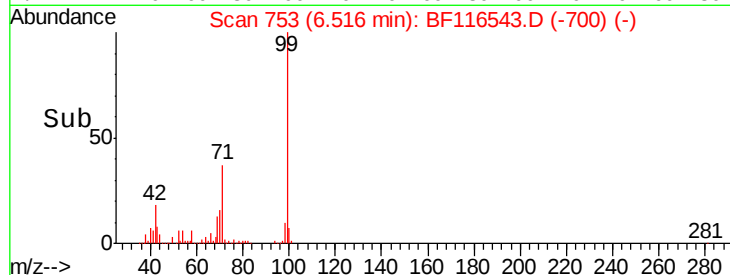
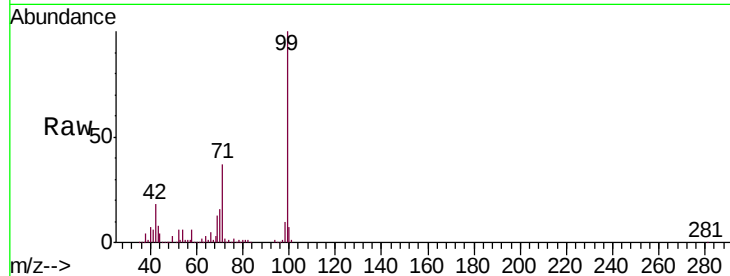
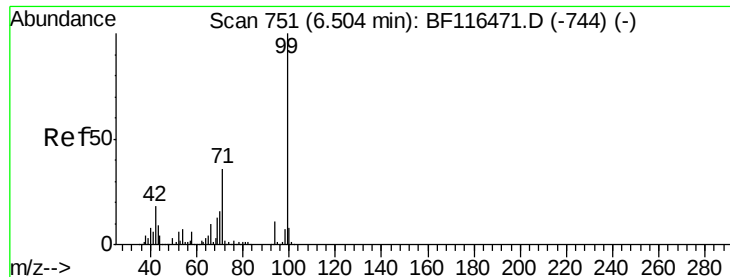


#5

2-Fluorophenol
Concen: 67.043 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.02 min
Lab File: BF116543.D
Acq: 25 Aug 2019 20:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.0	46.3	69.5
63	29.9	24.2	36.4





#7

Phenol-d6

Concen: 73.068 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF116543.D

Acq: 25 Aug 2019 20:18

Tot Ion:	99	Resp:	822381
Ion	Ratio	Lower	Upper
99	100		
42	17.5	14.6	21.8
71	37.1	28.5	42.7

Instrument :

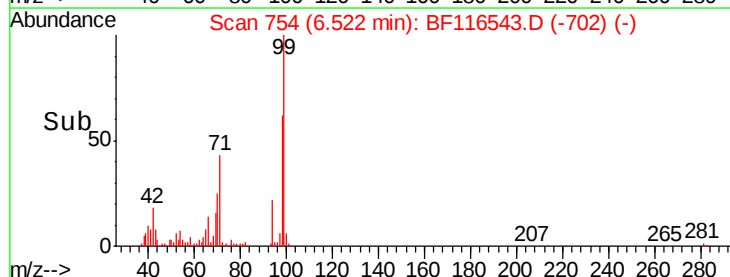
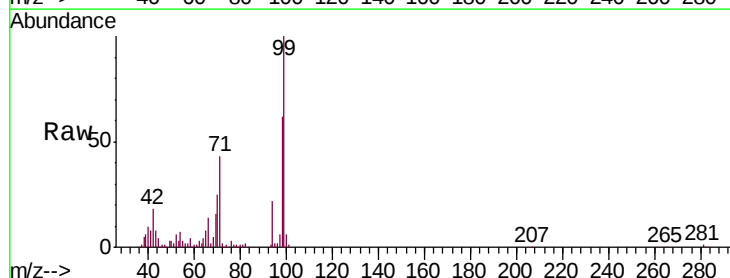
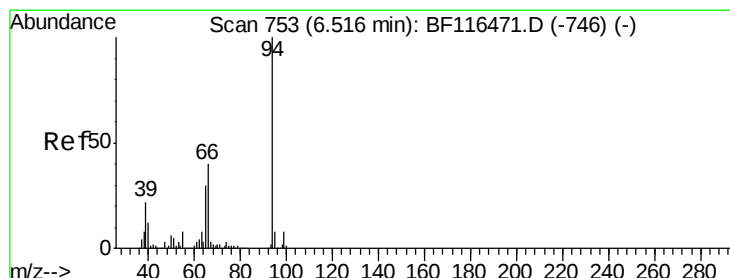
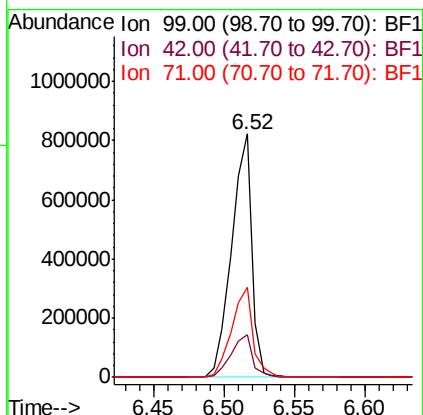
BNA_F

ClientSampleId :

T1-H1-H4-(0-2.5)

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#10

Phenol

Concen: 2.362 ng

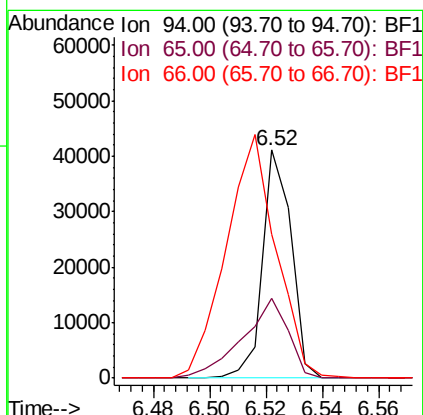
RT: 6.52 min Scan# 754

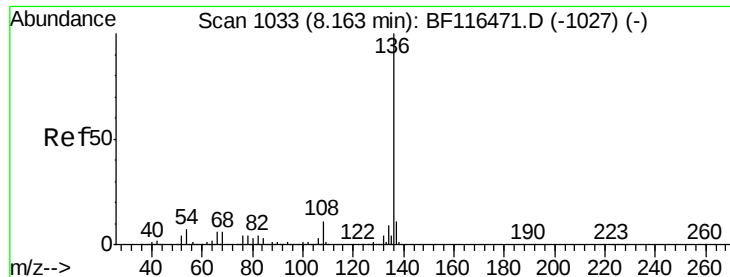
Delta R.T. 0.01 min

Lab File: BF116543.D

Acq: 25 Aug 2019 20:18

Tgt Ion:	94	Resp:	28872
Ion	Ratio	Lower	Upper
94	100		
65	35.2	10.0	50.0
66	63.3	19.8	59.8#





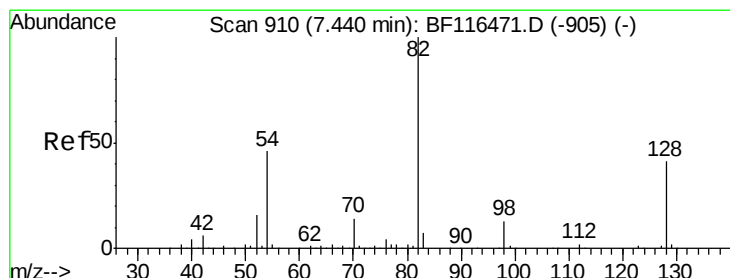
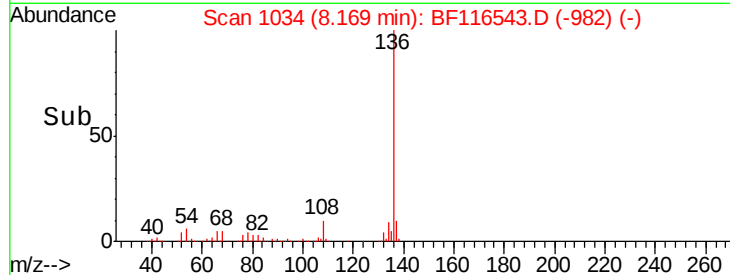
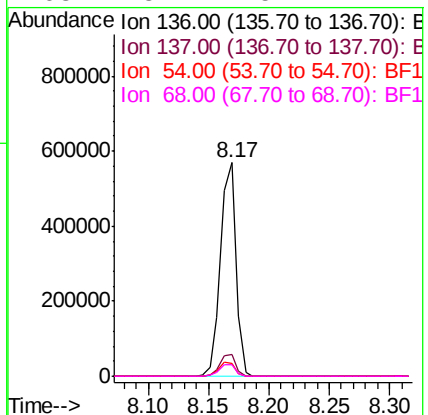
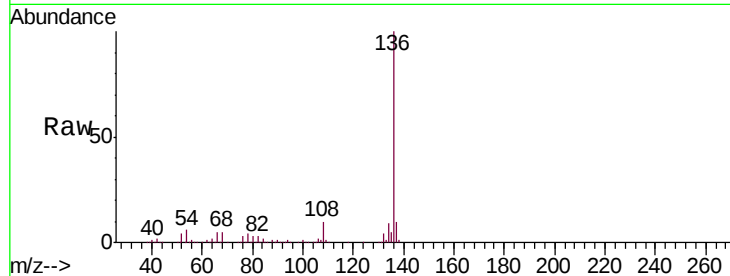
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.01 min
Lab File: BF116543.D
Acq: 25 Aug 2019 20:18

Instrument :
BNA_F
ClientSampleId :
T1-H1-H4-(0-2.5)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	10.4		9.0	13.4	
54	6.3		5.8	8.6	
68	5.4		5.1	7.7	

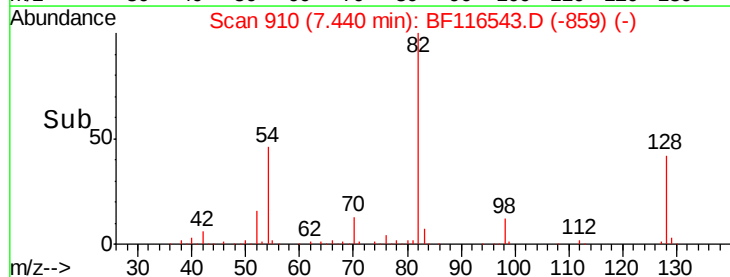
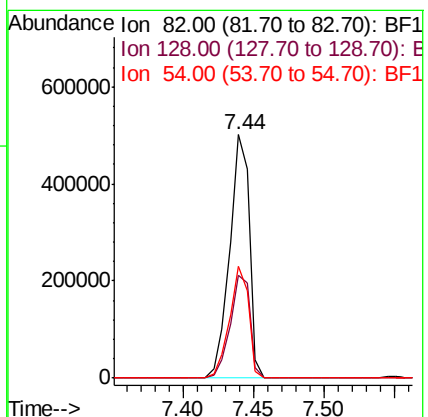
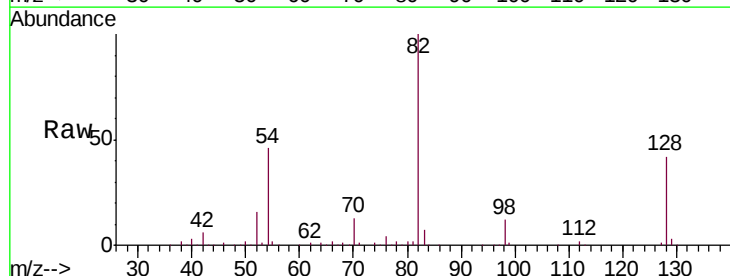
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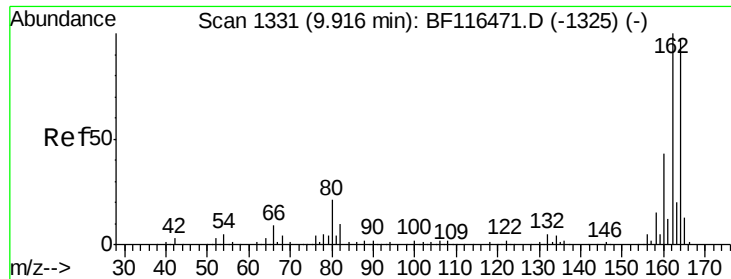
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#23
Nitrobenzene-d5
Concen: 52.806 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.00 min
Lab File: BF116543.D
Acq: 25 Aug 2019 20:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100				
128	42.2		32.2	48.4	
54	45.7		36.5	54.7	





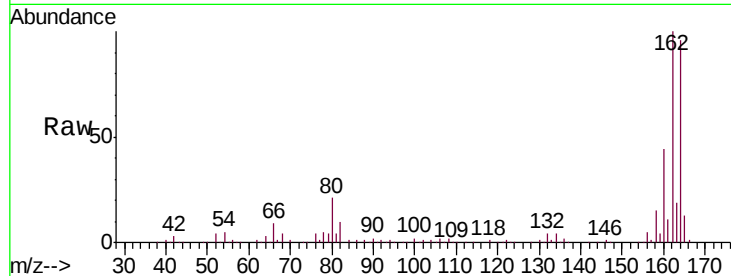
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF116543.D
Acq: 25 Aug 2019 20:18

Instrument :
BNA_F
ClientSampleId :
T1-H1-H4-(0-2.5)

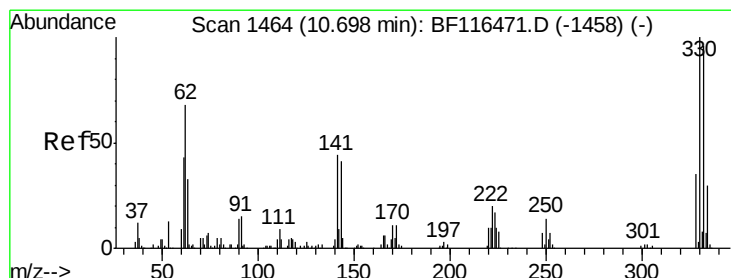
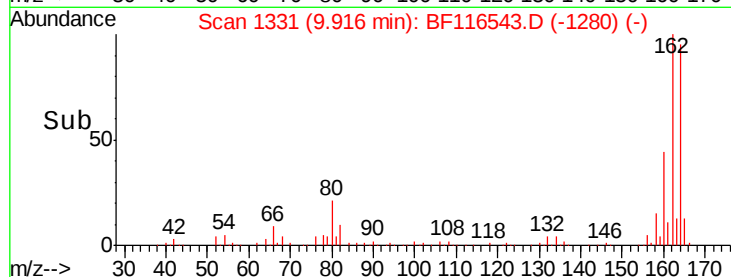
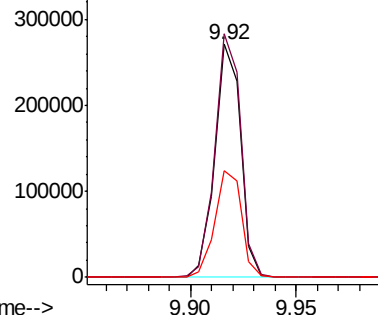
Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.4	82.6	123.8	
160	45.8	35.8	53.8	

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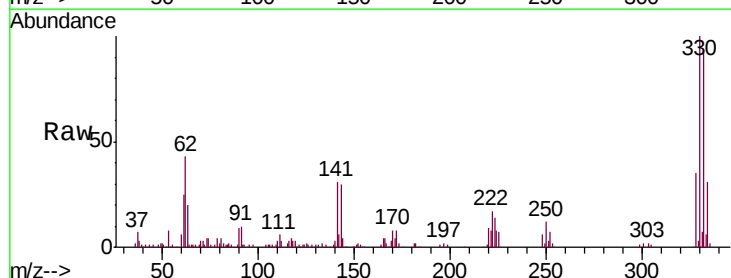


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

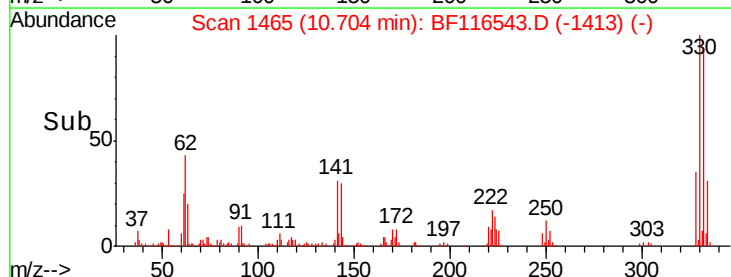
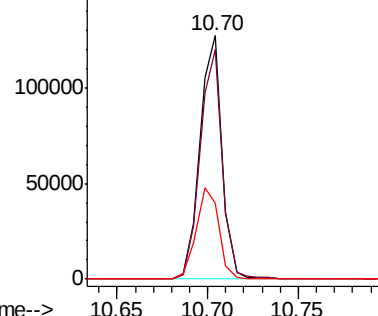


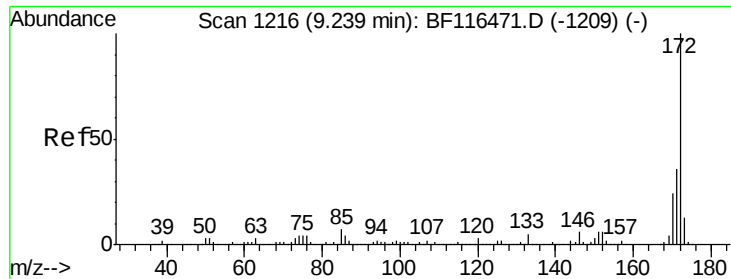
#42
2,4,6-Tribromophenol
Concen: 55.029 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.01 min
Lab File: BF116543.D
Acq: 25 Aug 2019 20:18

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	94.6	77.2	115.8	
141	38.9	33.3	49.9	



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





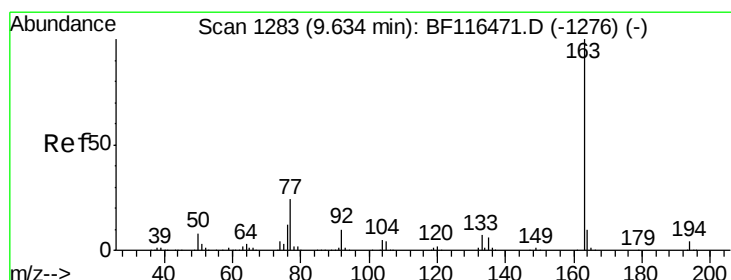
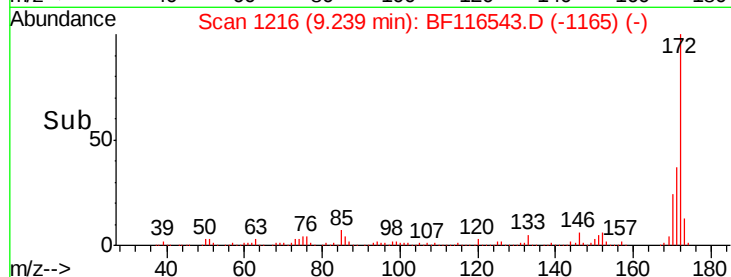
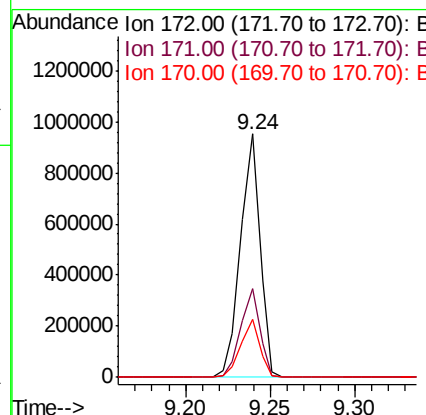
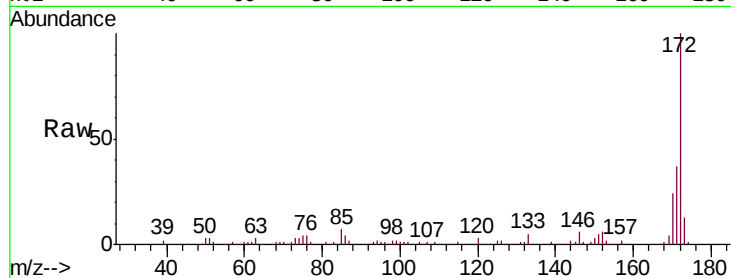
#45
2-Fluorobiphenyl
Concen: 54.108 ng
RT: 9.24 min Scan# 1216
Delta R.T. 0.00 min
Lab File: BF116543.D
Acq: 25 Aug 2019 20:18

Instrument :
BNA_F
ClientSampleId :
T1-H1-H4-(0-2.5)

Tot Ion	Ratio	Resp Lower	Upper
172	100		
171	36.6	28.9	43.3
170	23.9	19.4	29.0

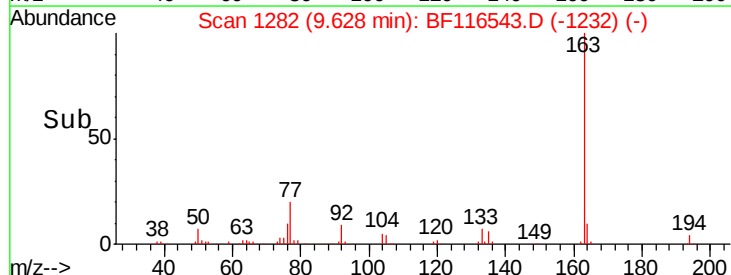
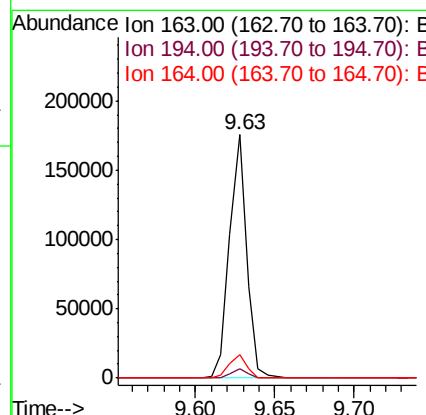
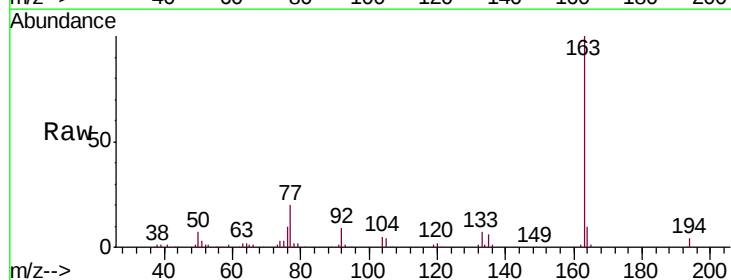
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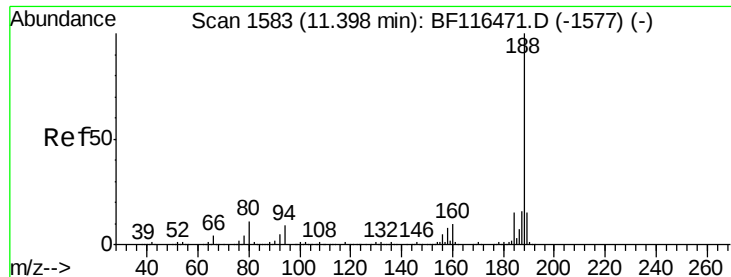
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#50
Dimethylphthalate
Concen: 8.304 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF116543.D
Acq: 25 Aug 2019 20:18

Tgt Ion	Ratio	Resp Lower	Upper
163	100		
194	3.9	2.9	4.3
164	9.8	8.2	12.2





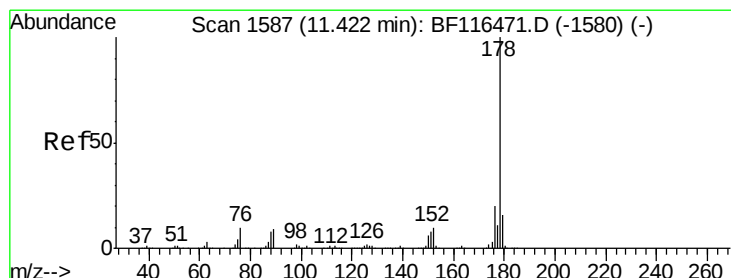
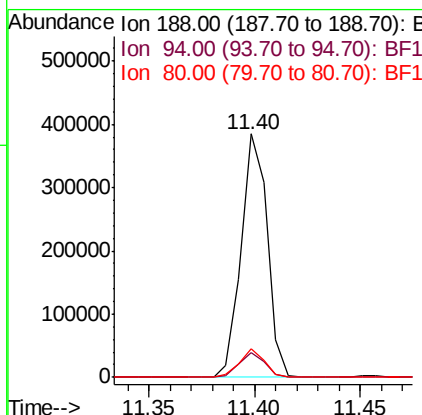
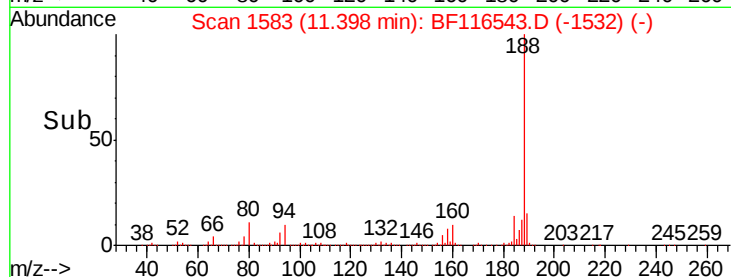
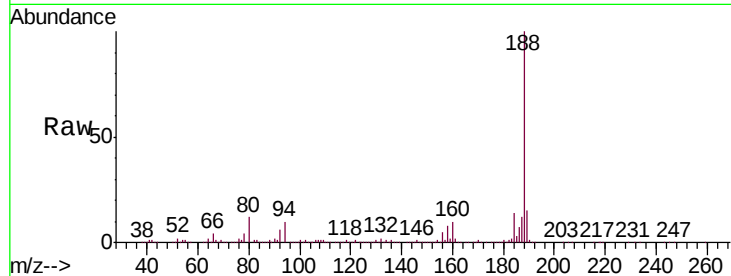
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BF116543.D
Acq: 25 Aug 2019 20:18

Instrument :
BNA_F
ClientSampleId :
T1-H1-H4-(0-2.5)

Tot Ion	Ratio	Resp	Lower	Upper
188	100	330047		
94	10.4		7.4	11.2
80	11.6		8.6	12.8

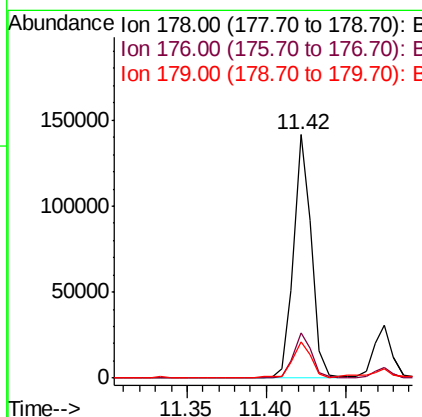
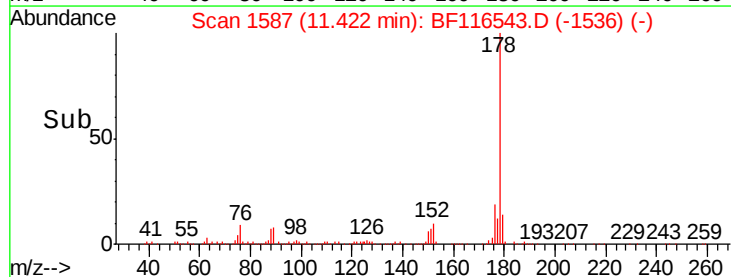
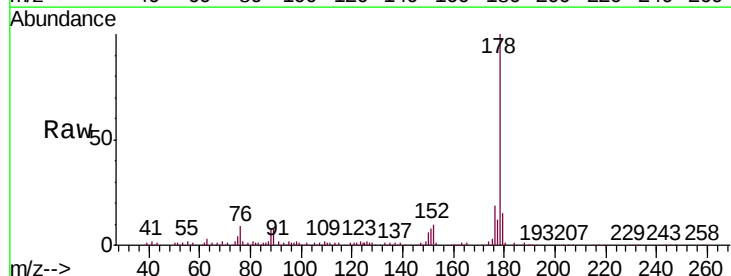
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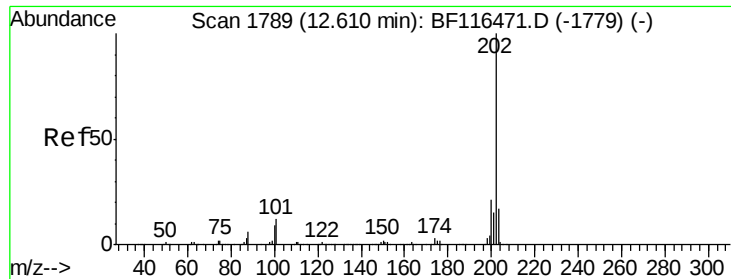
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#71
Phenanthrene
Concen: 6.120 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.00 min
Lab File: BF116543.D
Acq: 25 Aug 2019 20:18

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	110030		
176	18.8		15.8	23.6
179	14.9		12.8	19.2





#75

Fluoranthene

Concen: 10.414 ng

RT: 12.61 min Scan# 1789

Delta R.T. 0.00 min

Lab File: BF116543.D

Acq: 25 Aug 2019 20:18

Instrument :

BNA_F

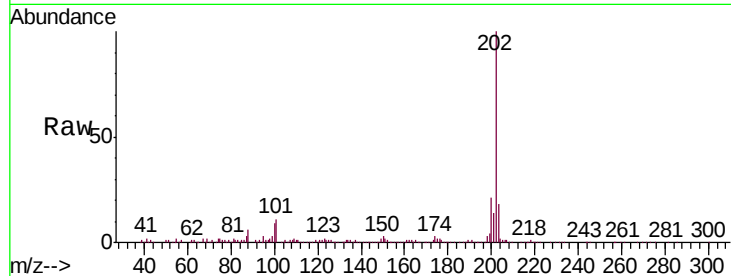
ClientSampleId :

T1-H1-H4-(0-2.5)

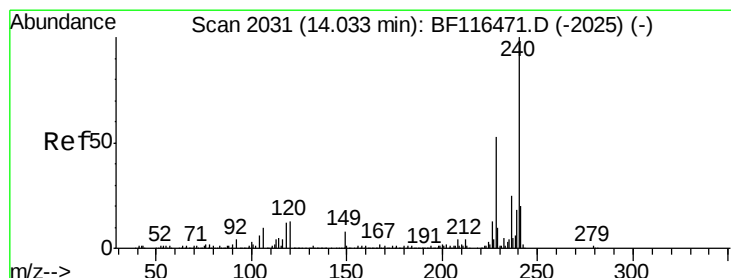
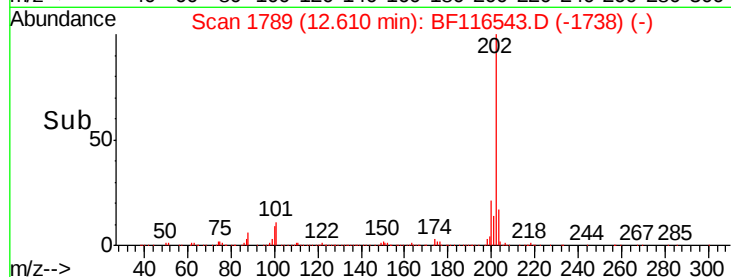
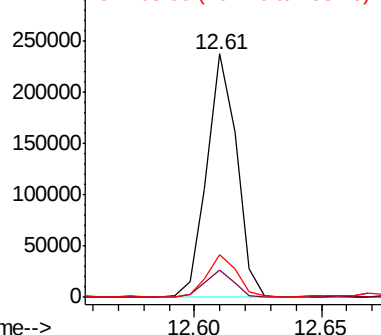
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		193577		
101	11.1	0.0	31.5		
203	17.6	0.0	37.5		

Manual Integrations
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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

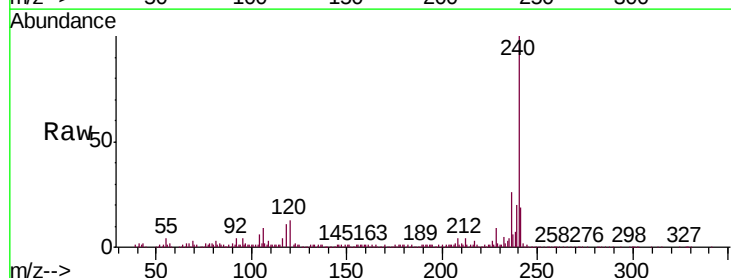
RT: 14.03 min Scan# 2031

Delta R.T. 0.00 min

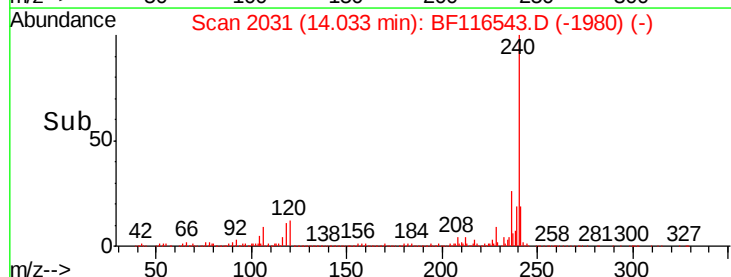
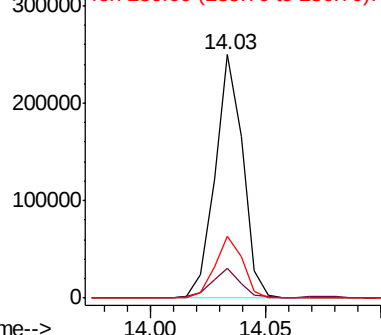
Lab File: BF116543.D

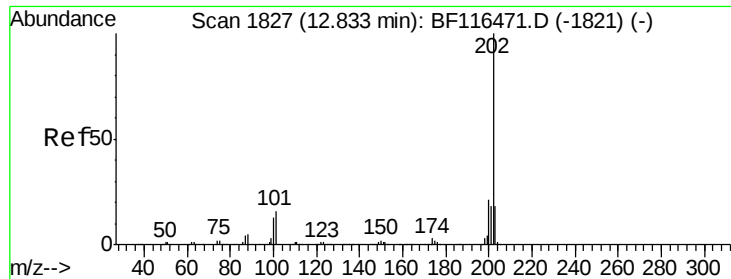
Acq: 25 Aug 2019 20:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		210435		
120	12.5	10.5	15.7		
236	25.7	20.2	30.2		



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: 10.338 ng

RT: 12.84 min Scan# 1828

Delta R.T. 0.01 min

Lab File: BF116543.D

Acq: 25 Aug 2019 20:18

Instrument :

BNA_F

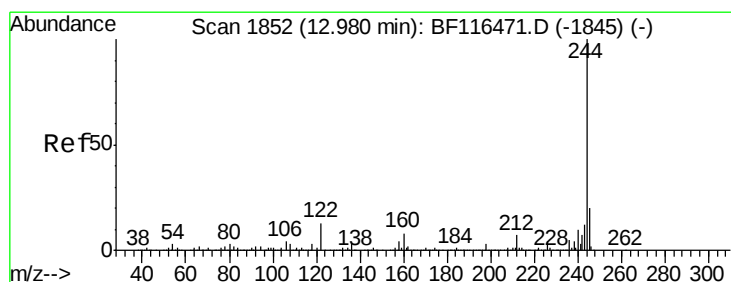
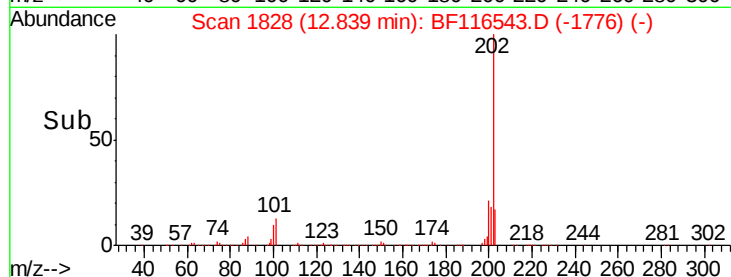
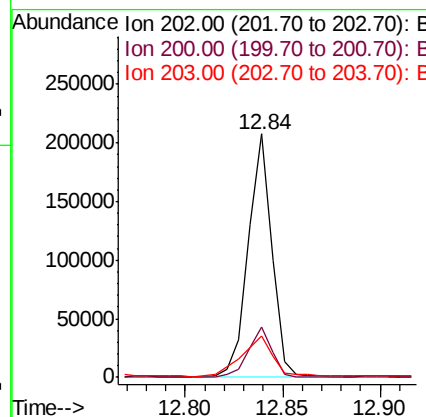
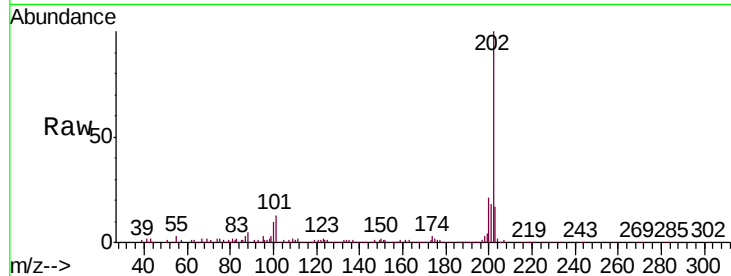
ClientSampleId :

T1-H1-H4-(0-2.5)

Tot Ion:	202	Resp:	173974
Ion Ratio	Lower	Upper	
202	100		
200	20.9	17.0	25.4
203	17.0	14.2	21.4

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#79

Terphenyl-d14

Concen: 53.704 ng

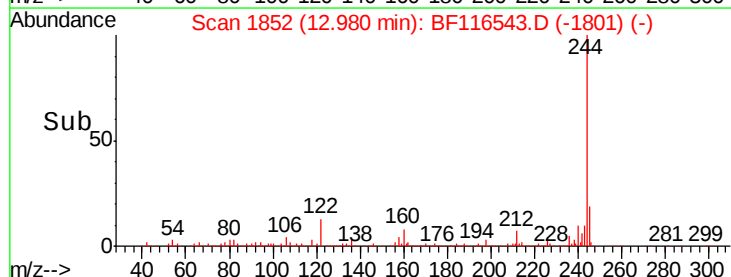
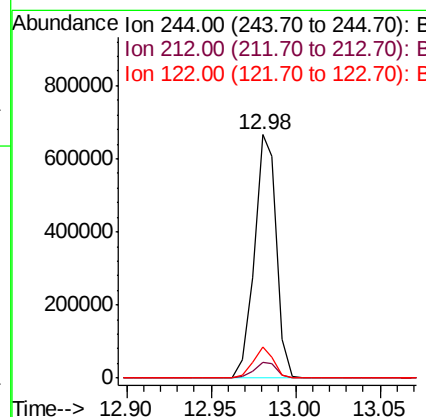
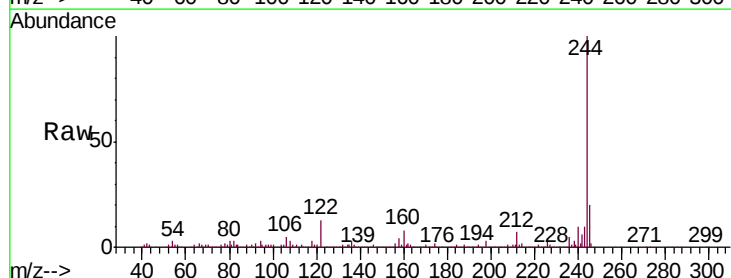
RT: 12.98 min Scan# 1852

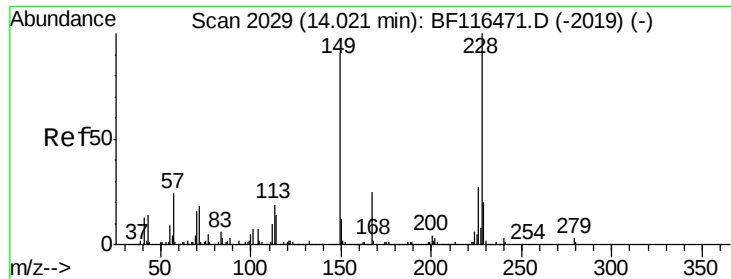
Delta R.T. 0.00 min

Lab File: BF116543.D

Acq: 25 Aug 2019 20:18

Tgt Ion:	244	Resp:	605022
Ion Ratio	Lower	Upper	
244	100		
212	6.7	5.7	8.5
122	13.0	10.2	15.4





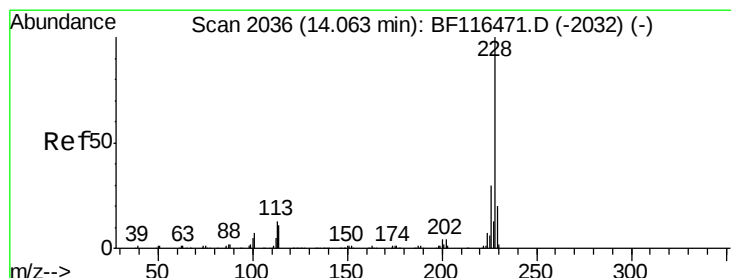
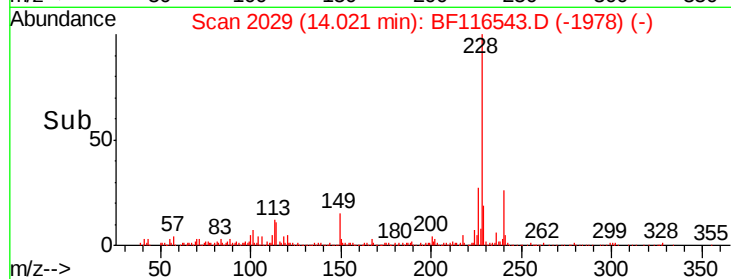
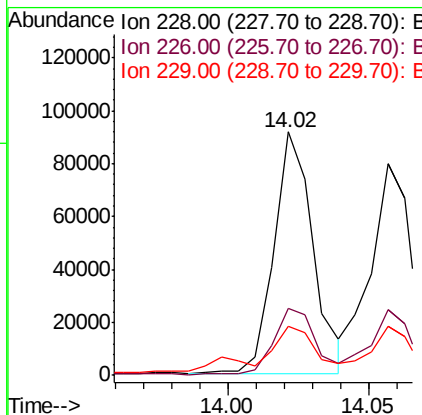
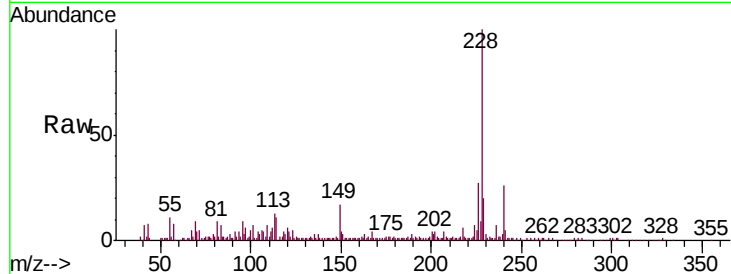
#81
Benzo(a)anthracene
Concen: 6.448 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BF116543.D
Acq: 25 Aug 2019 20:18

Instrument :
BNA_F
ClientSampleId :
T1-H1-H4-(0-2.5)

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.8	32.6
229	20.0	15.9	23.9

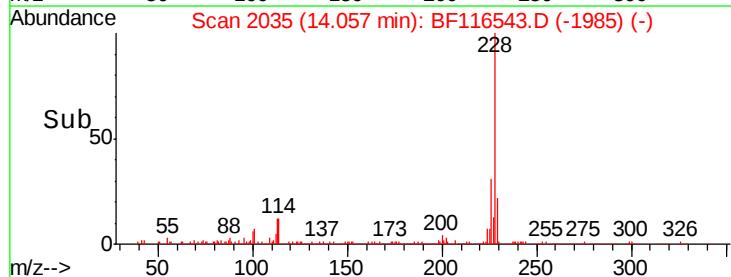
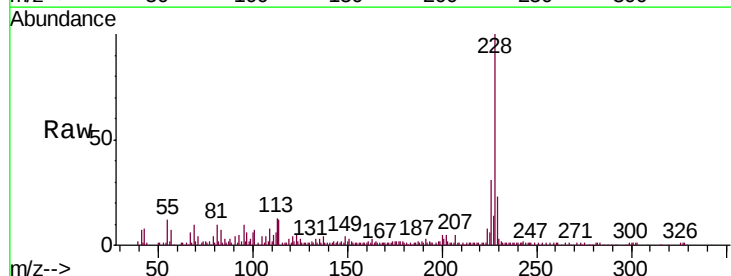
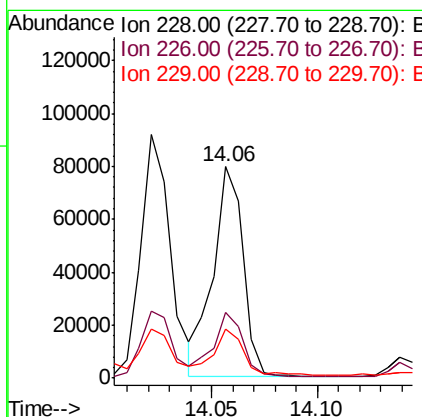
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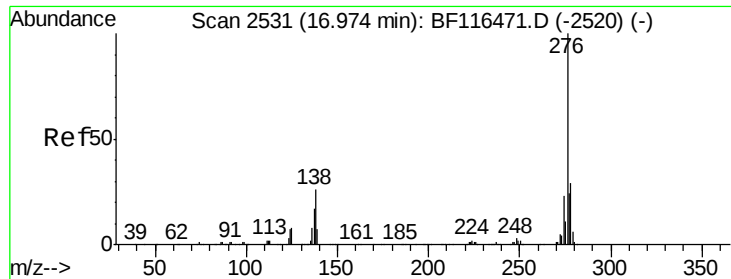
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#83
Chrysene
Concen: 5.712 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF116543.D
Acq: 25 Aug 2019 20:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.2	36.2
229	23.2	15.8	23.6





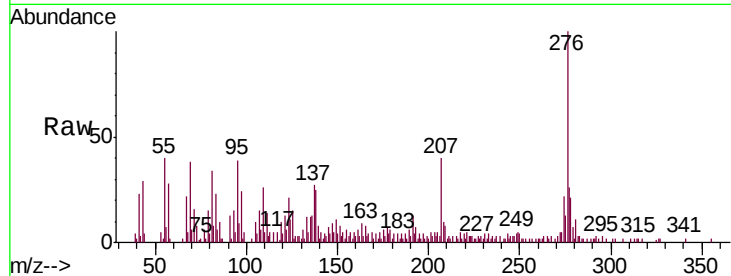
#86
Indeno(1,2,3-cd)pyrene
Concen: 3.168 ng/ml
RT: 16.97 min Scan# 2530
Delta R.T. -0.01 min
Lab File: BF116543.D
Acq: 25 Aug 2019 20:18

Instrument :
BNA_F
ClientSampled :
T1-H1-H4-(0-2.5)

Tot Ion	Ratio	Lower	Upper
276	100		
138	6.3	22.9	34.3#
277	5.6	19.9	29.9#

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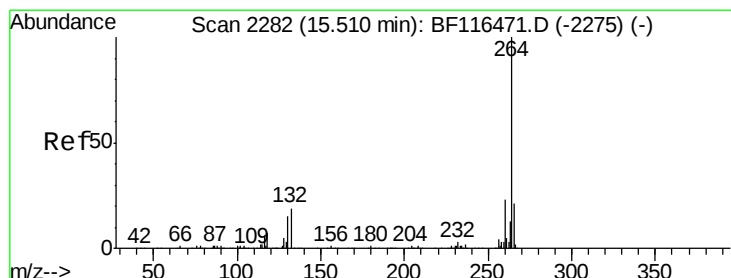
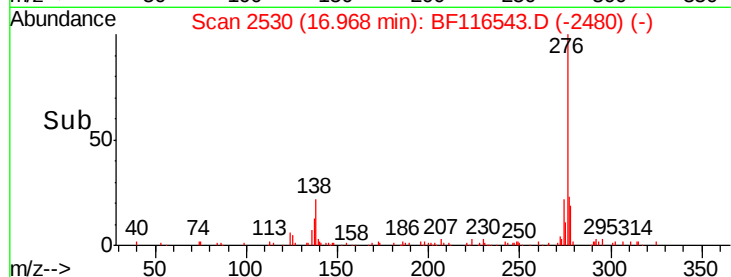
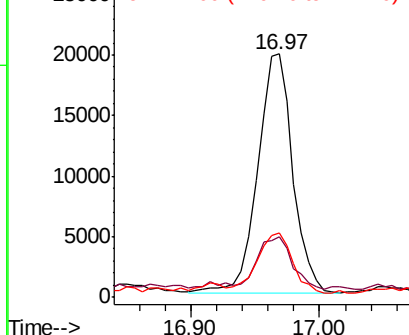


Abundance

Ion 276.00 (275.70 to 276.70): E

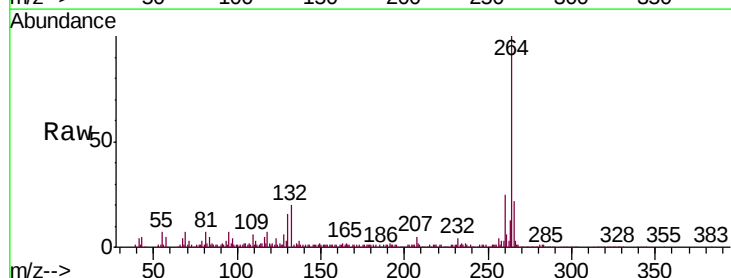
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF116543.D
Acq: 25 Aug 2019 20:18

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.8	28.2
265	22.4	17.1	25.7

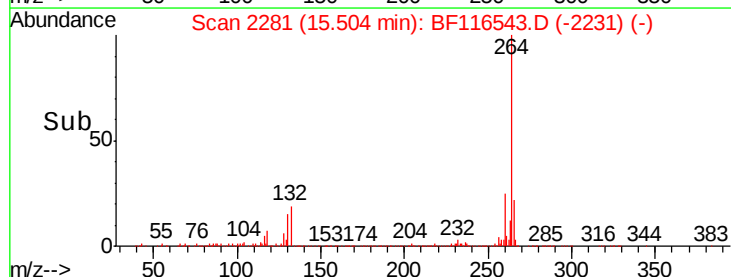
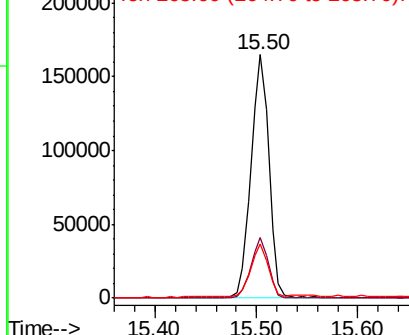


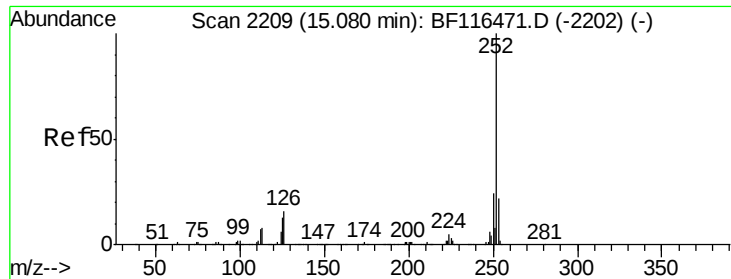
Abundance

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





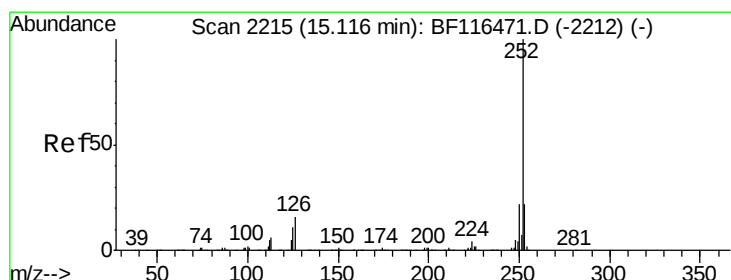
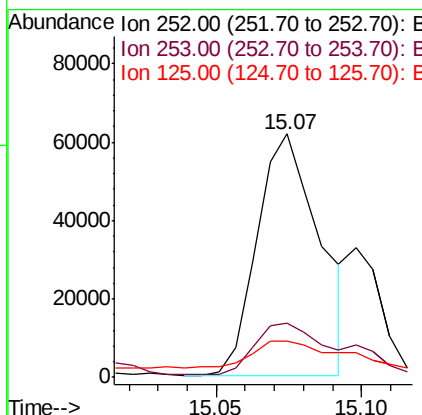
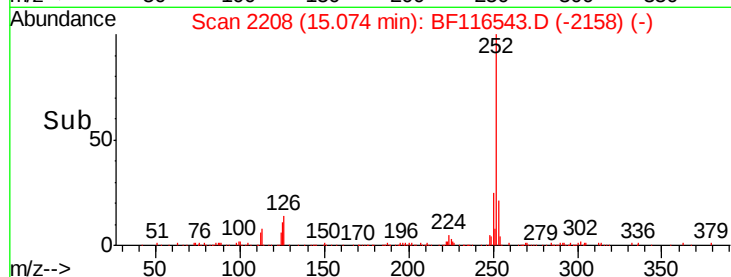
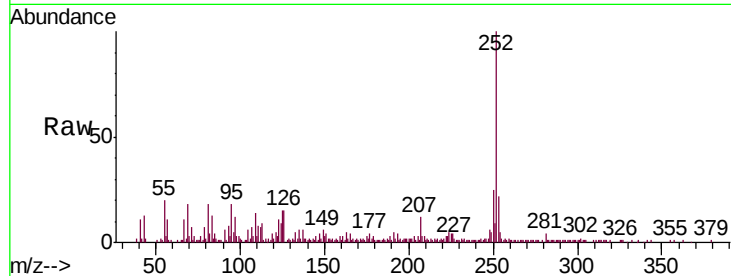
#88
Benzo(b)fluoranthene
Concen: 7.331 ng m
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF116543.D
Acq: 25 Aug 2019 20:18

Instrument :
BNA_F
ClientSampleId :
T1-H1-H4-(0-2.5)

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	14.9	10.1	15.1

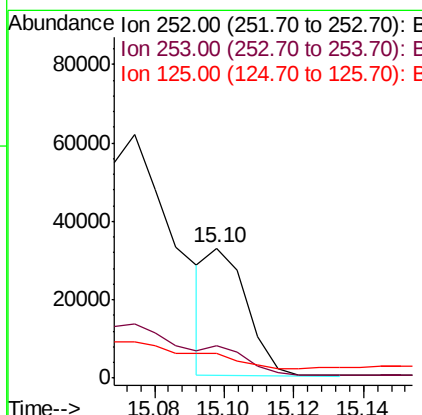
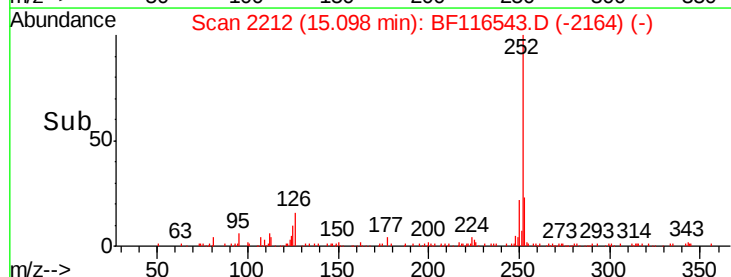
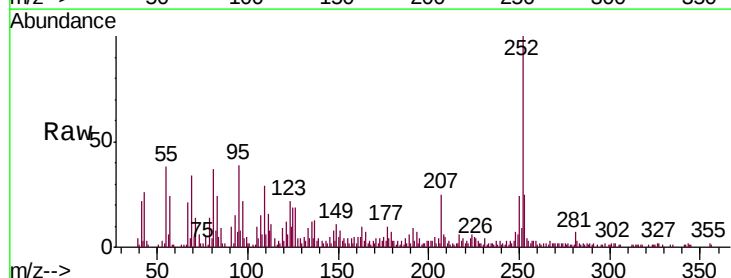
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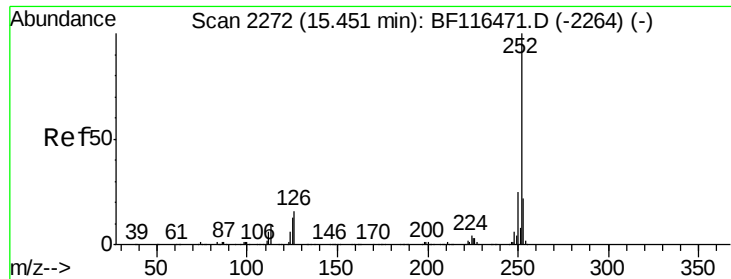
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#89
Benzo(k)fluoranthene
Concen: 2.215 ng m
RT: 15.10 min Scan# 2212
Delta R.T. -0.02 min
Lab File: BF116543.D
Acq: 25 Aug 2019 20:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.4	26.2
125	19.4	9.1	13.7#





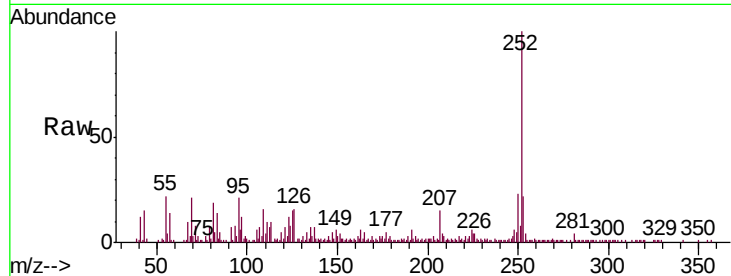
#90
Benzo(a)pyrene
Concen: 5.655 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF116543.D
Acq: 25 Aug 2019 20:18

Instrument :
BNA_F
ClientSampled :
T1-H1-H4-(0-2.5)

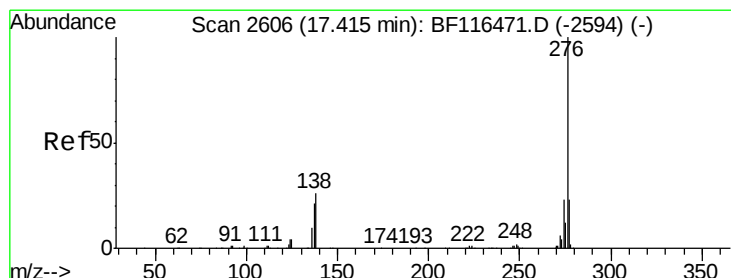
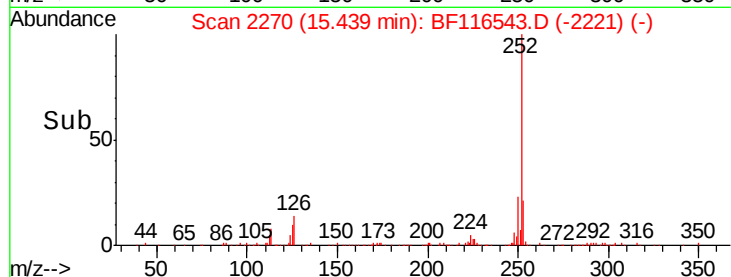
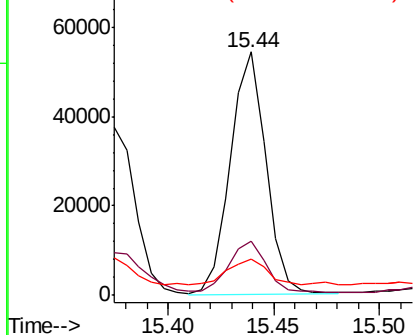
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	14.9	10.2	15.4

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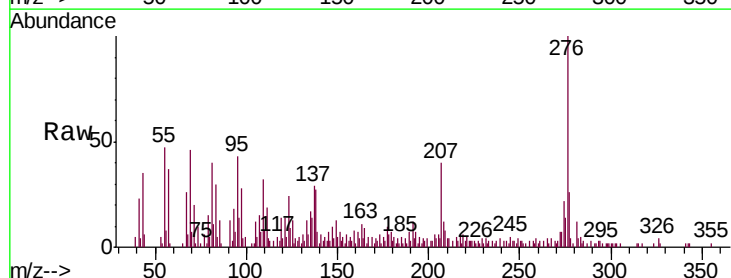


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#92
Benzo(g,h,i)perylene
Concen: 3.928 ng
RT: 17.41 min Scan# 2605
Delta R.T. -0.01 min
Lab File: BF116543.D
Acq: 25 Aug 2019 20:18

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.7	18.7	28.1
138	27.2	20.8	31.2



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

