

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082519\
 Data File : BF116537.D
 Acq On : 25 Aug 2019 17:36
 Operator : HP/JU
 Sample : K4474-18
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T1-2-K1-K4

Manual Integrations
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Quant Time: Aug 26 07:35:34 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	153267	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	576313	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	267841	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	383167	20.00	ng	0.00
76) Chrysene-d12	14.03	240	223252	20.00	ng	0.00
87) Perylene-d12	15.50	264	231674	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	848504	80.89	ng	0.01
7) Phenol-d6	6.51	99	1121209	87.17	ng	0.00
23) Nitrobenzene-d5	7.44	82	698163	66.28	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	175502	76.31	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1083372	65.14	ng	0.00
79) Terphenyl-d14	12.98	244	750855	62.82	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.62	163	118428	6.337	ng	99
75) Fluoranthene	12.60	202	60132	2.786	ng	95
78) Pyrene	12.83	202	56872	3.185	ng	98
81) Benzo(a)anthracene	14.02	228	28973	2.004	ng	# 91
88) Benzo(b)fluoranthene	15.07	252	36183m	2.528	ng	

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

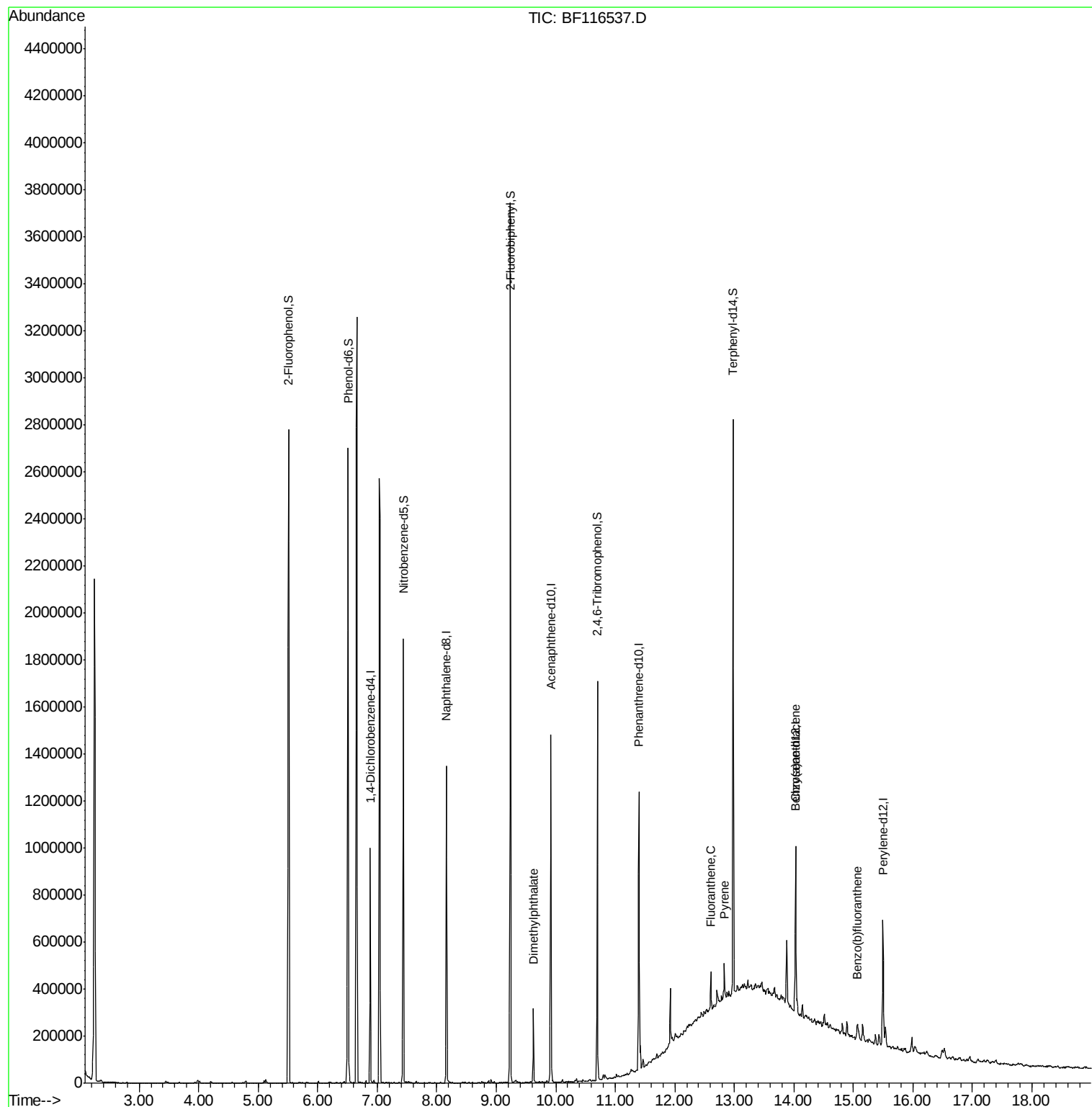
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082519\
Data File : BF116537.D
Acq On : 25 Aug 2019 17:36
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ALS Vial : 13 Sample Multiplier: 1

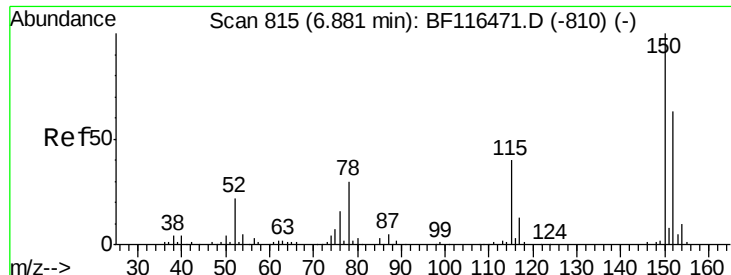
Instrument :
BNA_F
ClientSampleId :
T1-2-K1-K4

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#1

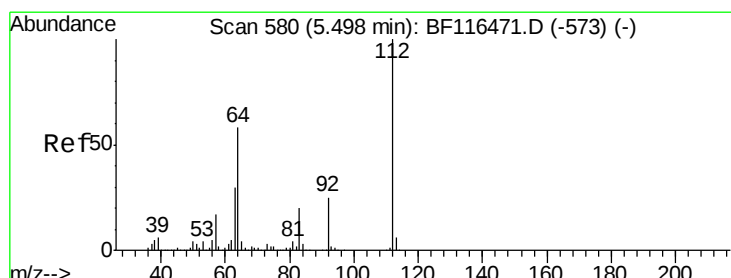
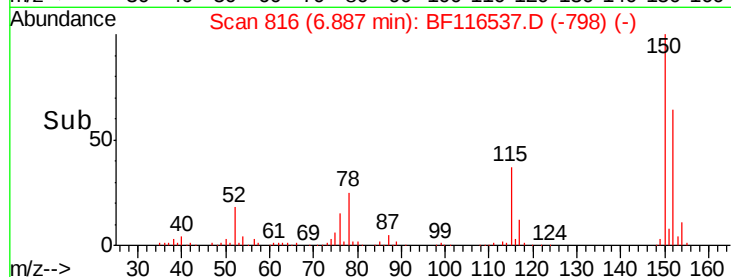
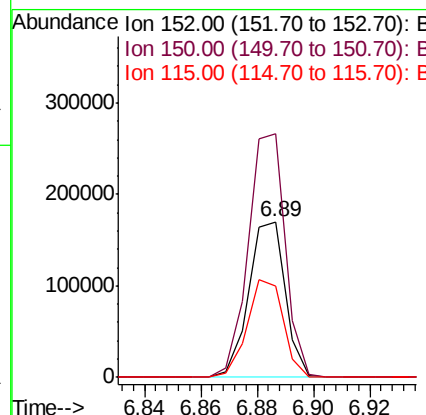
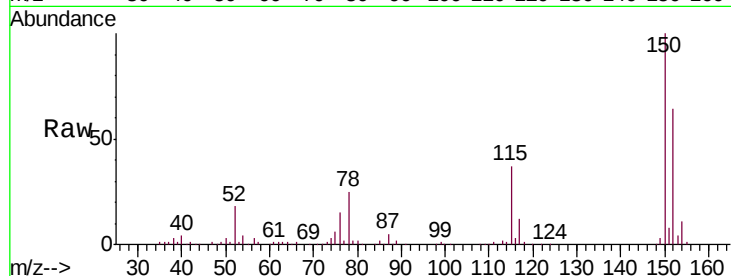
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF116537.D
Acq: 25 Aug 2019 17:36

Instrument :
BNA_F
ClientSampleId :
T1-2-K1-K4

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	126.7	190.1
115	58.5	50.9	76.3

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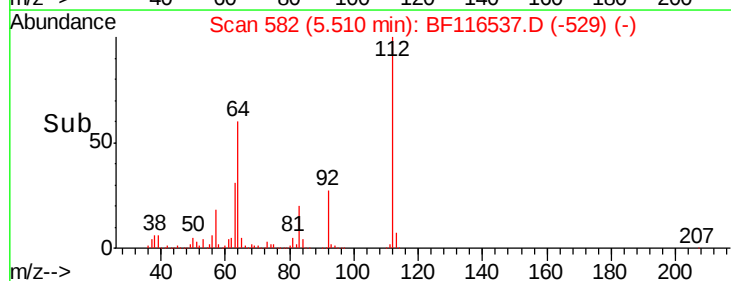
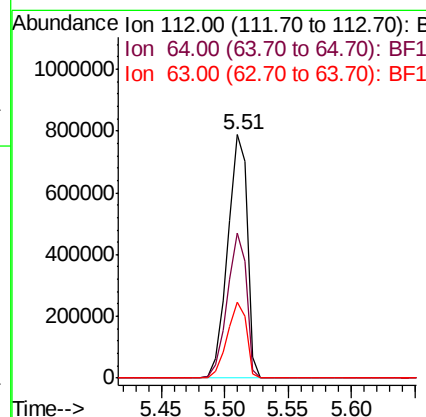
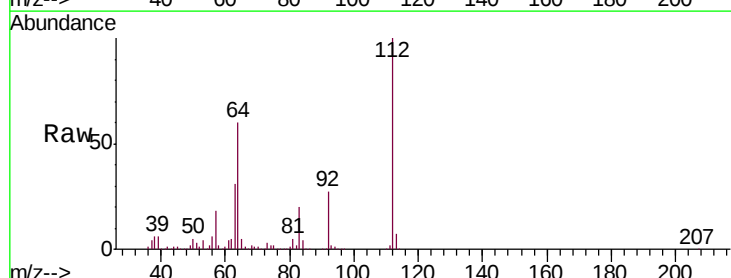
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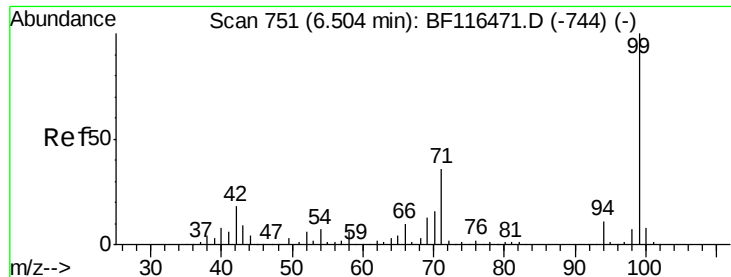


#5

2-Fluorophenol
Concen: 80.891 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF116537.D
Acq: 25 Aug 2019 17:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.6	46.3	69.5
63	31.4	24.2	36.4





#7

Phenol-d6

Concen: 87.174 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF116537.D

Acq: 25 Aug 2019 17:36

Instrument :

BNA_F

ClientSampleId :

T1-2-K1-K4

Tot Ion: 99 Resp: 1121209

Ion Ratio Lower Upper

99 100

42 18.4 14.6 21.8

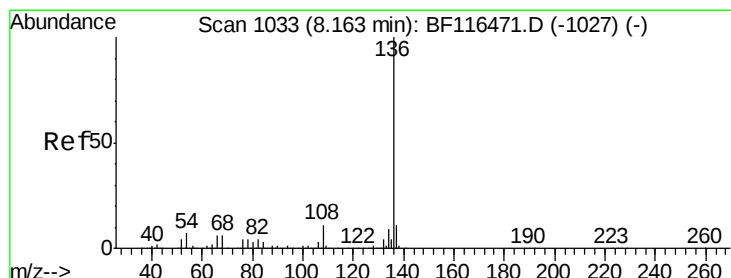
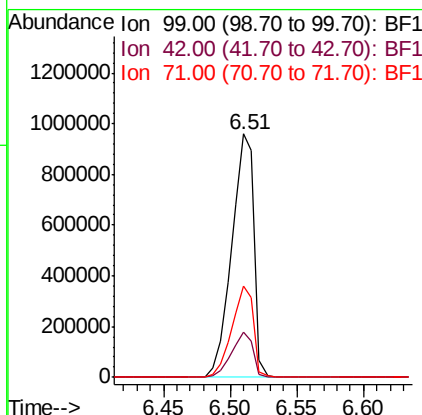
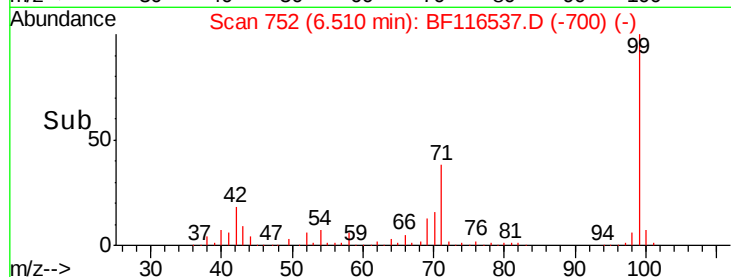
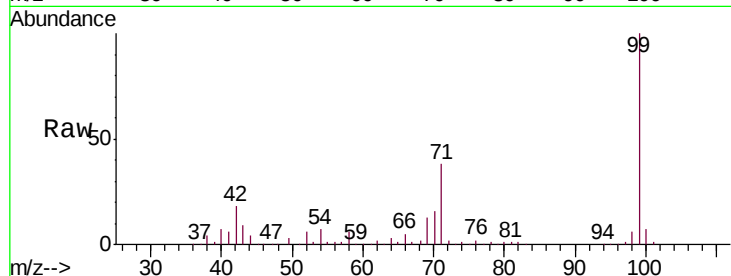
71 37.7 28.5 42.7

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF116537.D

Acq: 25 Aug 2019 17:36

Tgt Ion: 136 Resp: 576313

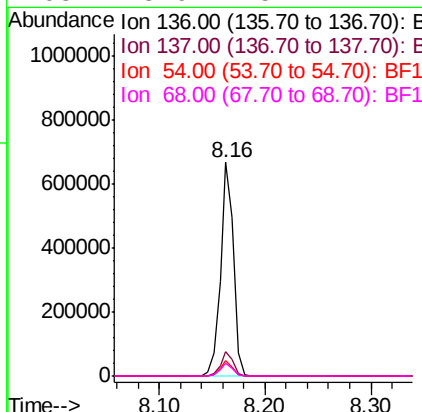
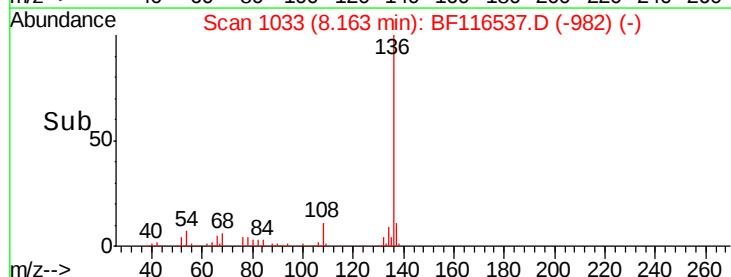
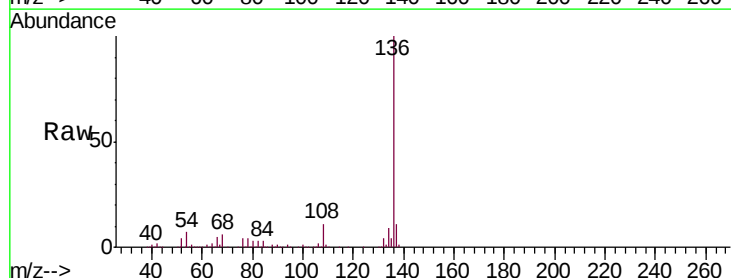
Ion Ratio Lower Upper

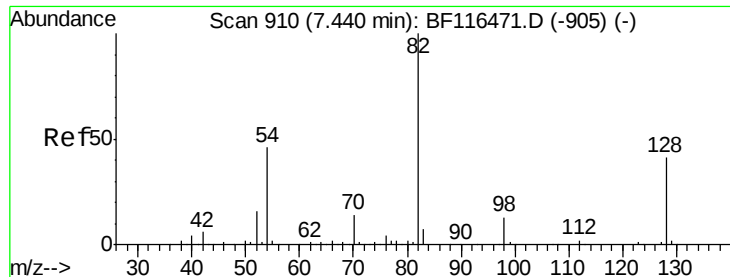
136 100

137 11.3 9.0 13.4

54 7.3 5.8 8.6

68 5.9 5.1 7.7





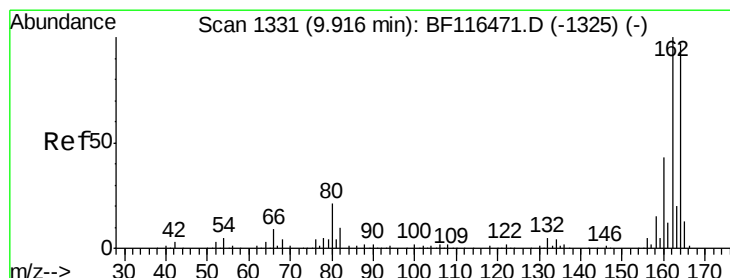
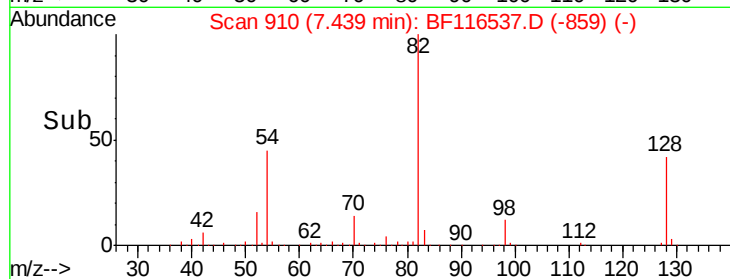
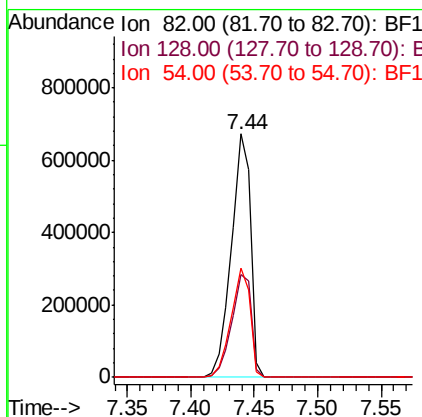
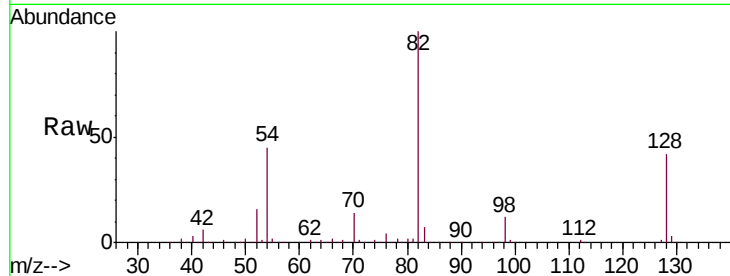
#23
 Nitrobenzene-d5
 Concen: 66.277 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: BF116537.D
 Acq: 25 Aug 2019 17:36

Instrument :
 BNA_F
 ClientSampleId :
 T1-2-K1-K4

Tot Ion	Ratio	Resp	Lower	Upper
82	100	698163		
128	42.2		32.2	48.4
54	45.0		36.5	54.7

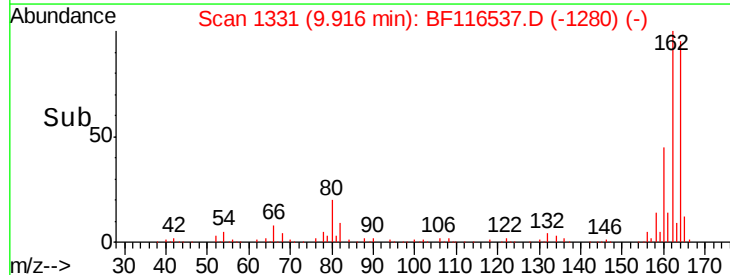
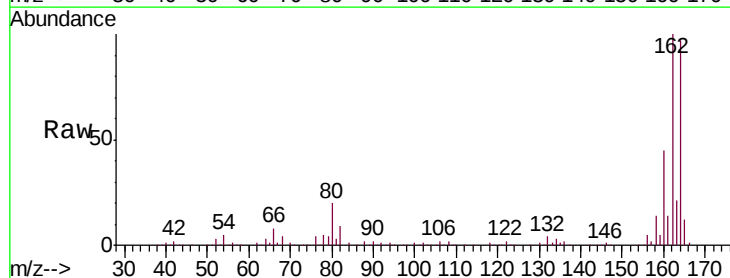
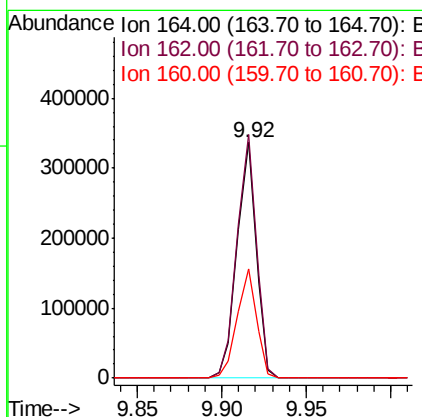
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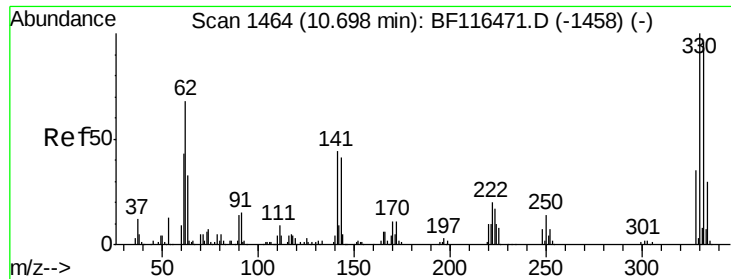
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.00 min
 Lab File: BF116537.D
 Acq: 25 Aug 2019 17:36

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	267841		
162	103.4		82.6	123.8
160	46.3		35.8	53.8





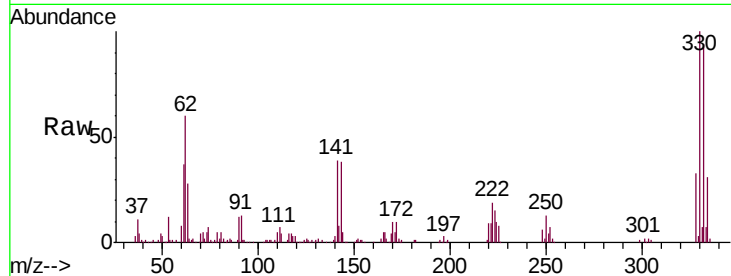
#42
 2,4,6-Tribromophenol
 Concen: 76.309 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.00 min
 Lab File: BF116537.D
 Acq: 25 Aug 2019 17:36

Instrument :
 BNA_F
 ClientSampled :
 T1-2-K1-K4

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.5	77.2	115.8
141	37.5	33.3	49.9

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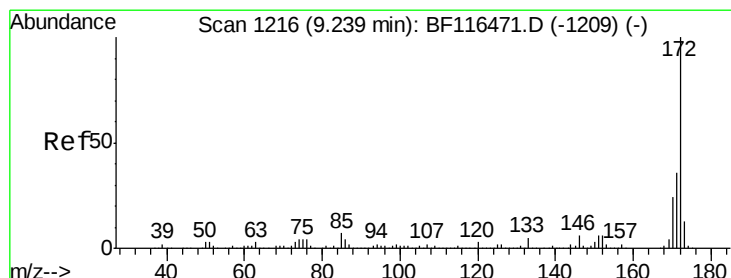
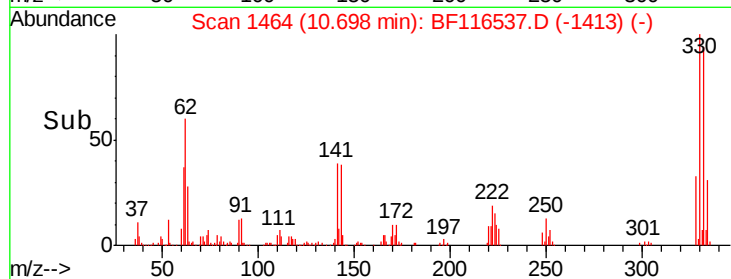
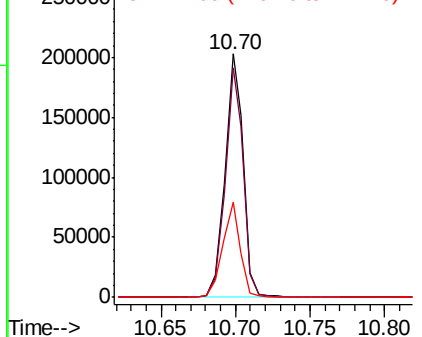


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 65.138 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF116537.D
 Acq: 25 Aug 2019 17:36

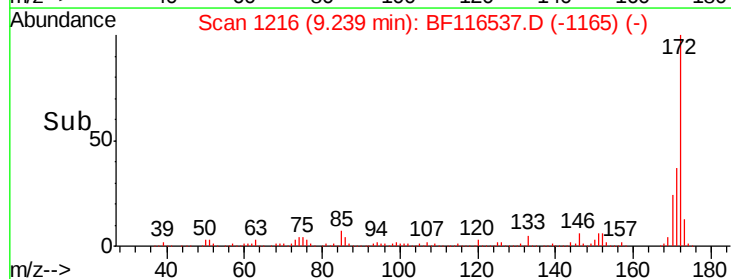
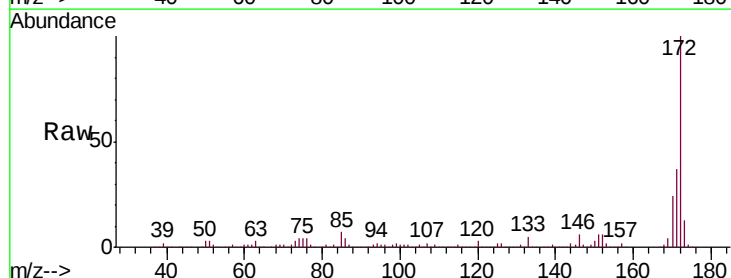
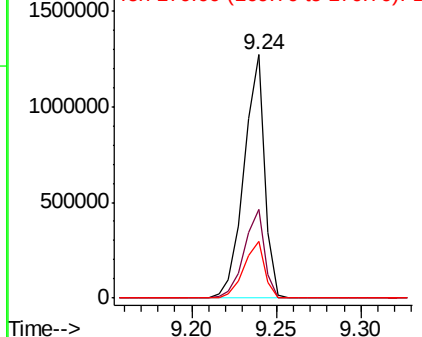
Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.9	43.3
170	23.6	19.4	29.0

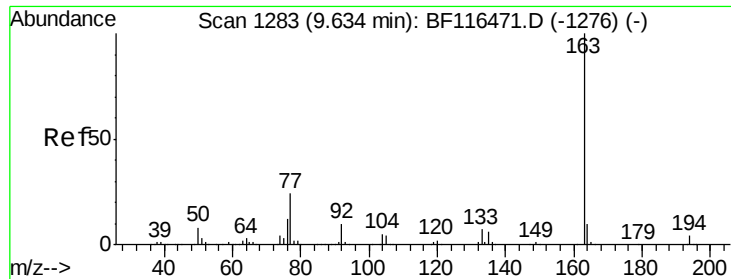
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





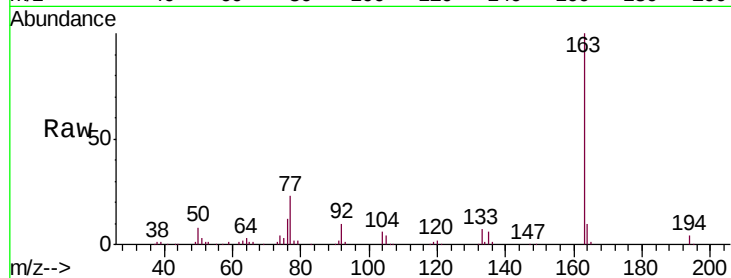
#50
Dimethylphthalate
Concen: 6.337 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF116537.D
Acq: 25 Aug 2019 17:36

Instrument :
BNA_F
ClientSampleId :
T1-2-K1-K4

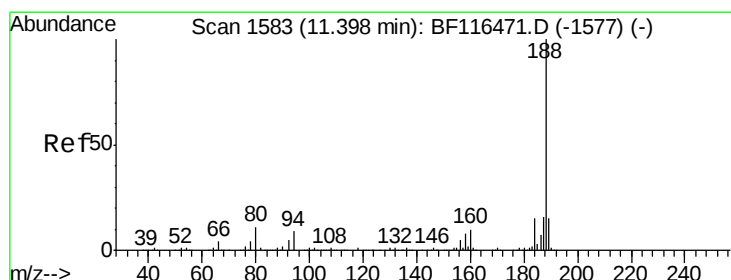
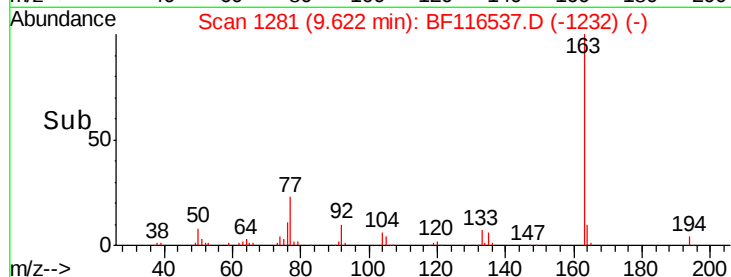
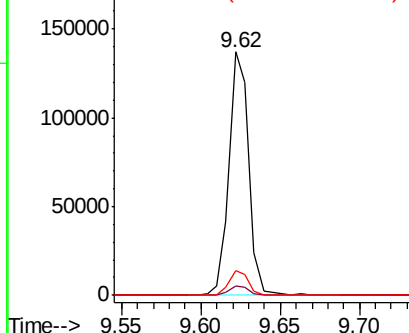
Tot Ion	Ratio	Resp	Lower	Upper
163	100	118428		
194	3.9		2.9	4.3
164	10.0		8.2	12.2

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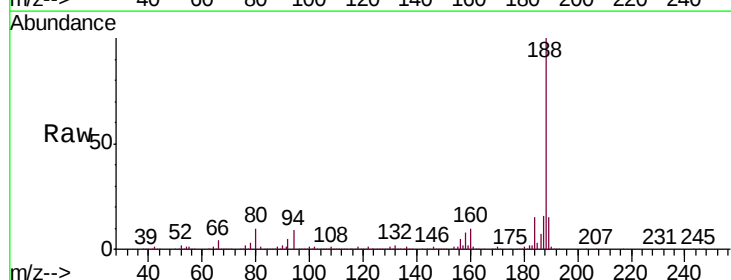


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

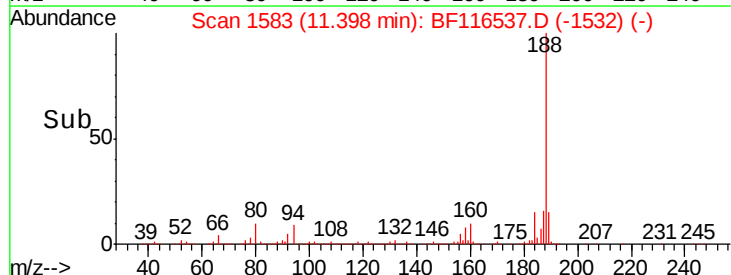
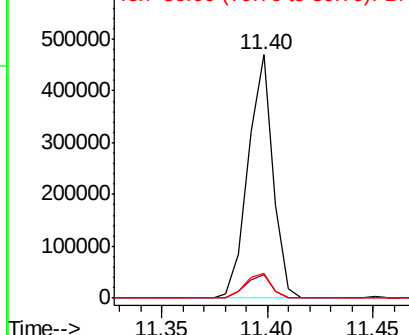


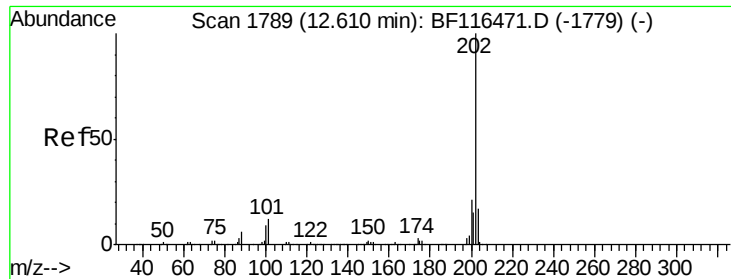
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF116537.D
Acq: 25 Aug 2019 17:36

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	383167		
94	9.4		7.4	11.2
80	10.0		8.6	12.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#75

Fluoranthene

Concen: 2.786 ng

RT: 12.60 min Scan# 1788

Delta R.T. -0.01 min

Lab File: BF116537.D

Acq: 25 Aug 2019 17:36

Instrument :

BNA_F

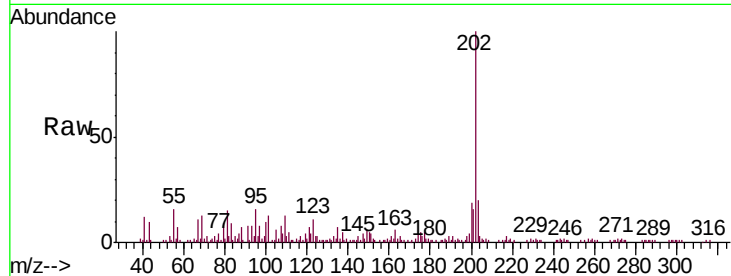
ClientSampleId :

T1-2-K1-K4

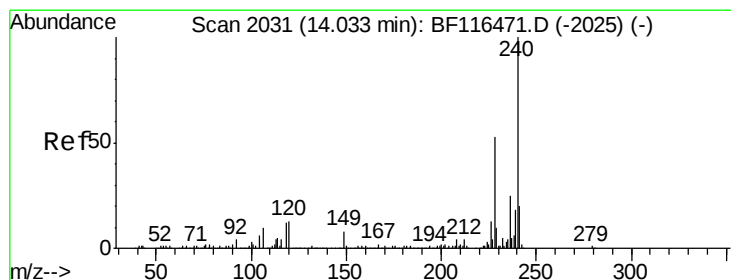
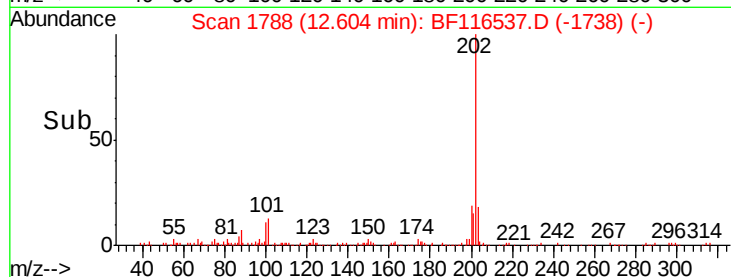
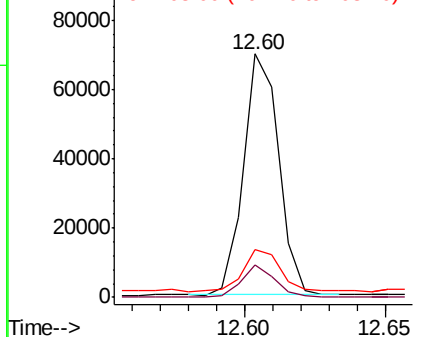
Tot Ion:	202	Resp:	60132
Ion Ratio	Lower	Upper	
202	100		
101	13.4	0.0	31.5
203	19.8	0.0	37.5

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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

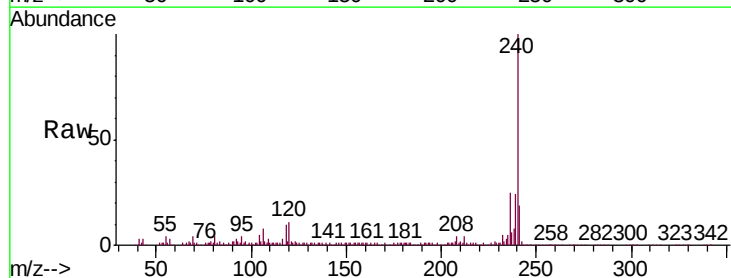
RT: 14.03 min Scan# 2031

Delta R.T. -0.00 min

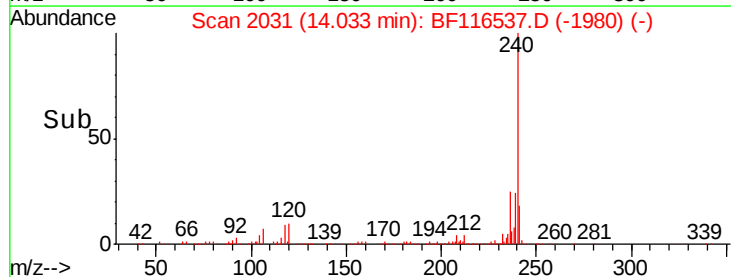
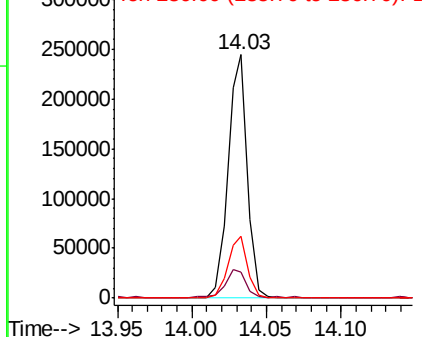
Lab File: BF116537.D

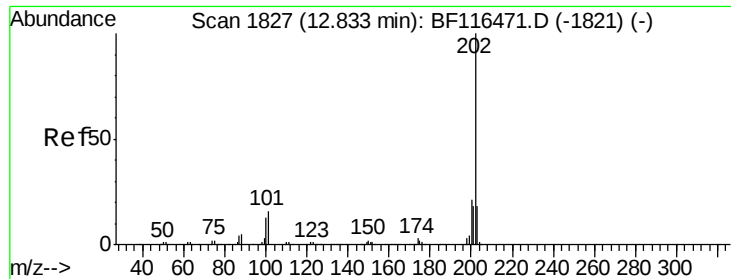
Acq: 25 Aug 2019 17:36

Tgt Ion:	240	Resp:	223252
Ion Ratio	Lower	Upper	
240	100		
120	10.9	10.5	15.7
236	25.3	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





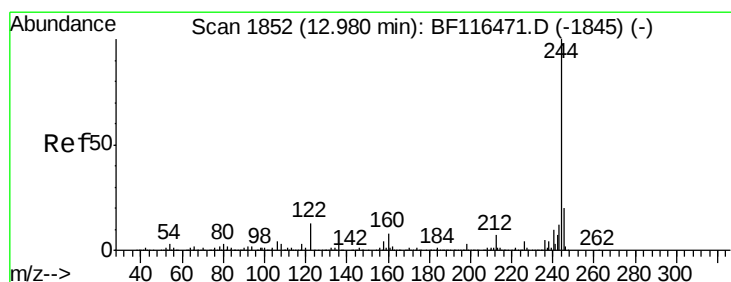
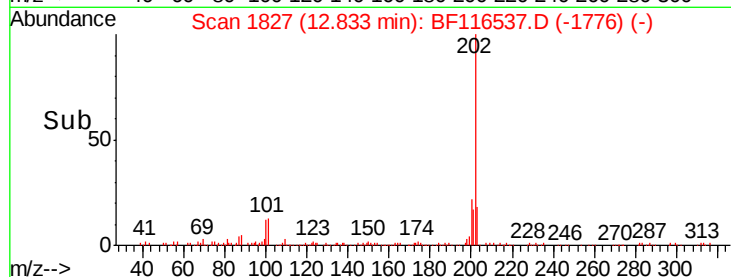
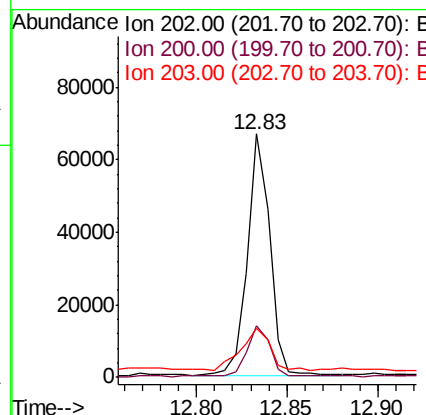
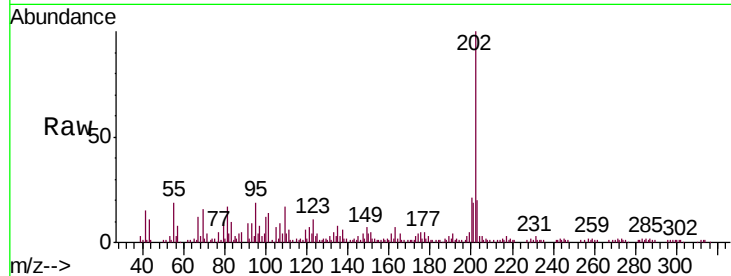
#78
Pvrene
Concen: 3.185 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BF116537.D
Acq: 25 Aug 2019 17:36

Instrument :
BNA_F
ClientSampleId :
T1-2-K1-K4

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.0	25.4
203	19.9	14.2	21.4

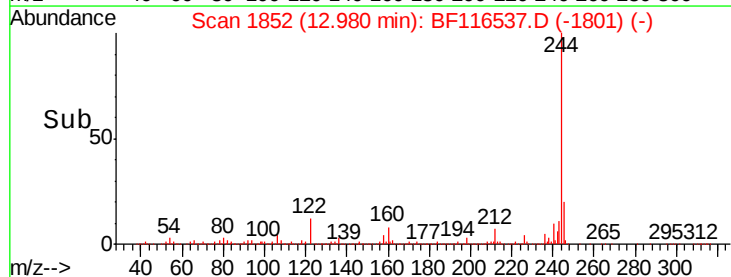
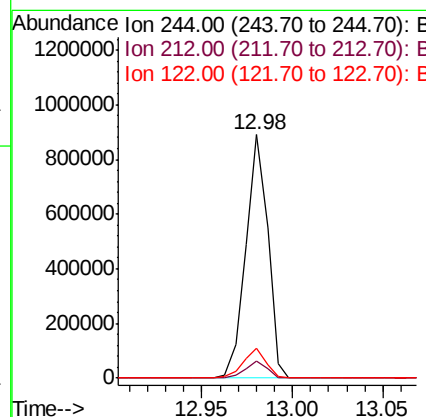
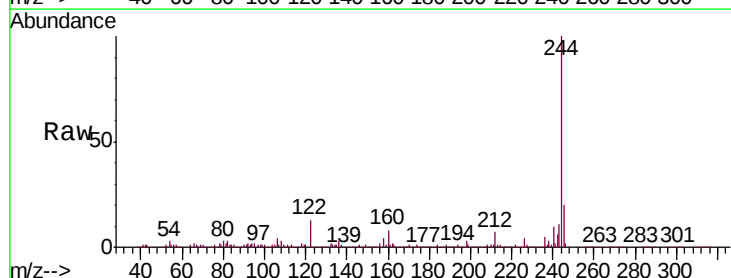
Manual Integrations
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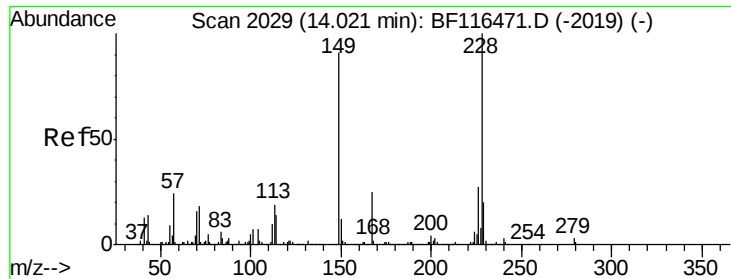
mohammad
8/29/2019 7:53:28 AM



#79
Terphenyl-d14
Concen: 62.822 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.00 min
Lab File: BF116537.D
Acq: 25 Aug 2019 17:36

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	12.5	10.2	15.4





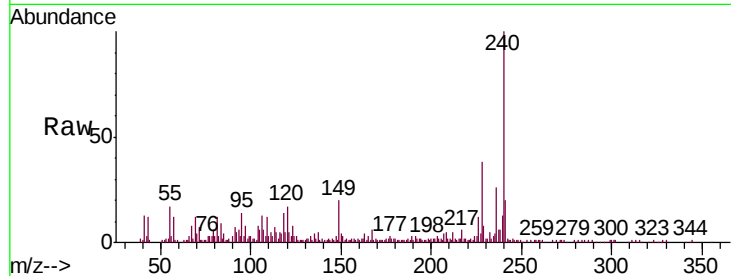
#81
Benzo(a)anthracene
Concen: 2.004 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BF116537.D
Acq: 25 Aug 2019 17:36

Instrument :
BNA_F
ClientSampleId :
T1-2-K1-K4

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.2	21.8	32.6#
229	22.5	15.9	23.9

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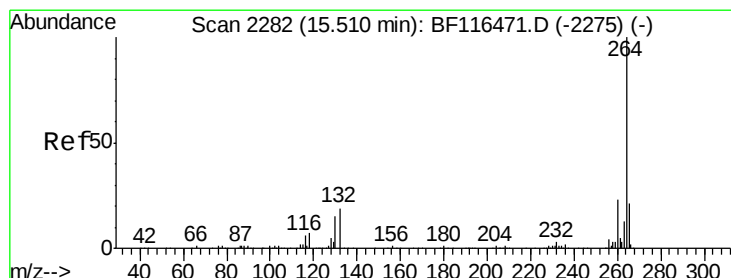
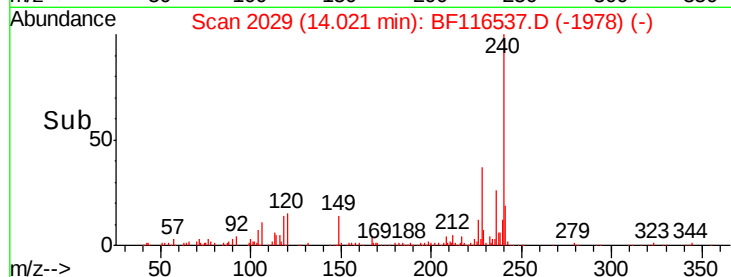
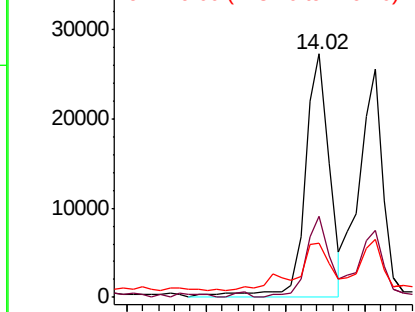


Abundance

Ion 228.00 (227.70 to 228.70): E

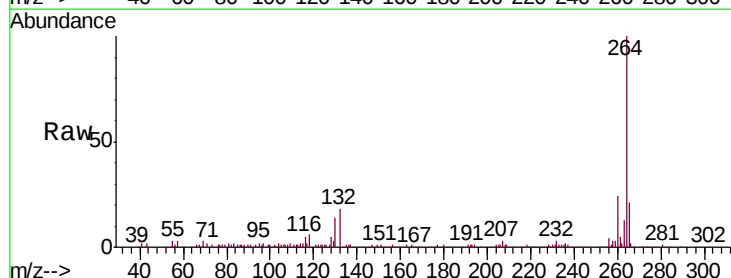
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF116537.D
Acq: 25 Aug 2019 17:36

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.8	28.2
265	20.6	17.1	25.7

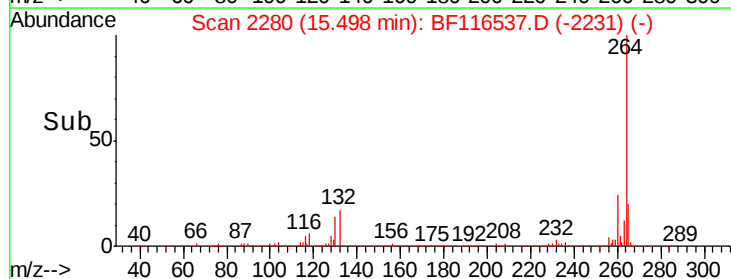
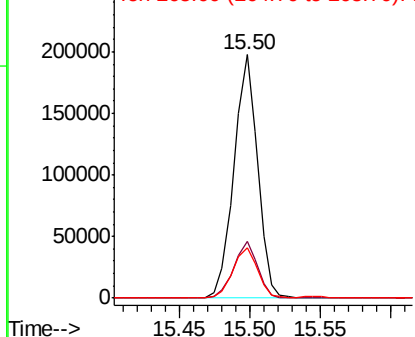


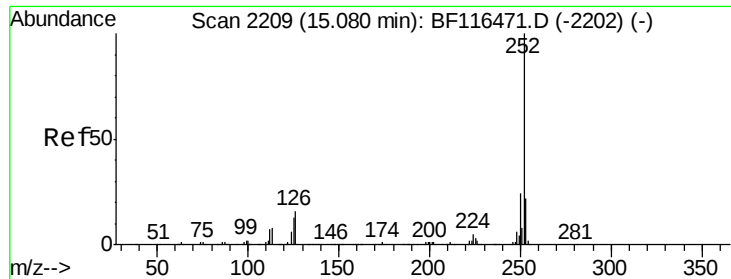
Abundance

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: 2.528 ng m
 RT: 15.07 min Scan# 2207
 Delta R.T. -0.01 min
 Lab File: BF116537.D
 Acq: 25 Aug 2019 17:36

Instrument :
 BNA_F
 ClientSampleId :
 T1-2-K1-K4

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.5	26.3
125	16.6	10.1	15.1#

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