

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100319\
 Data File : BF117324.D
 Acq On : 3 Oct 2019 18:53
 Operator : JU
 Sample : K5160-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CSA-3-2

Manual Integrations
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mohammad
 10/7/2019 8:25:52 AM

Quant Time: Oct 04 04:32:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	55043	20.00	ng	-0.02
21) Naphthalene-d8	8.09	136	221409	20.00	ng	-0.02
39) Acenaphthene-d10	9.84	164	110896	20.00	ng	-0.02
64) Phenanthrene-d10	11.33	188	170055	20.00	ng	0.00
76) Chrysene-d12	13.97	240	86586	20.00	ng	0.00
87) Perylene-d12	15.42	264	89985	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	331571	94.05	ng	0.00
7) Phenol-d6	6.45	99	483285	106.07	ng	0.00
23) Nitrobenzene-d5	7.37	82	302411	71.76	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	93056	100.40	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	504838	71.18	ng	-0.01
79) Terphenyl-d14	12.90	244	401758	86.73	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.56	163	108495	13.818	ng	98
75) Fluoranthene	12.54	202	35883	3.616	ng	98
78) Pyrene	12.77	202	32966	4.538	ng	98
81) Benzo(a)anthracene	13.96	228	17288	2.988	ng	95
83) Chrysene	13.99	228	16145	2.861	ng	95
86) Indeno(1,2,3-cd)pyrene	16.88	276	12879	3.129	ng	98
88) Benzo(b)fluoranthene	15.00	252	22295m	4.090	ng	
90) Benzo(a)pyrene	15.36	252	17600	3.680	ng	# 91
92) Benzo(g,h,i)perylene	17.32	276	12370	3.258	ng	# 90

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

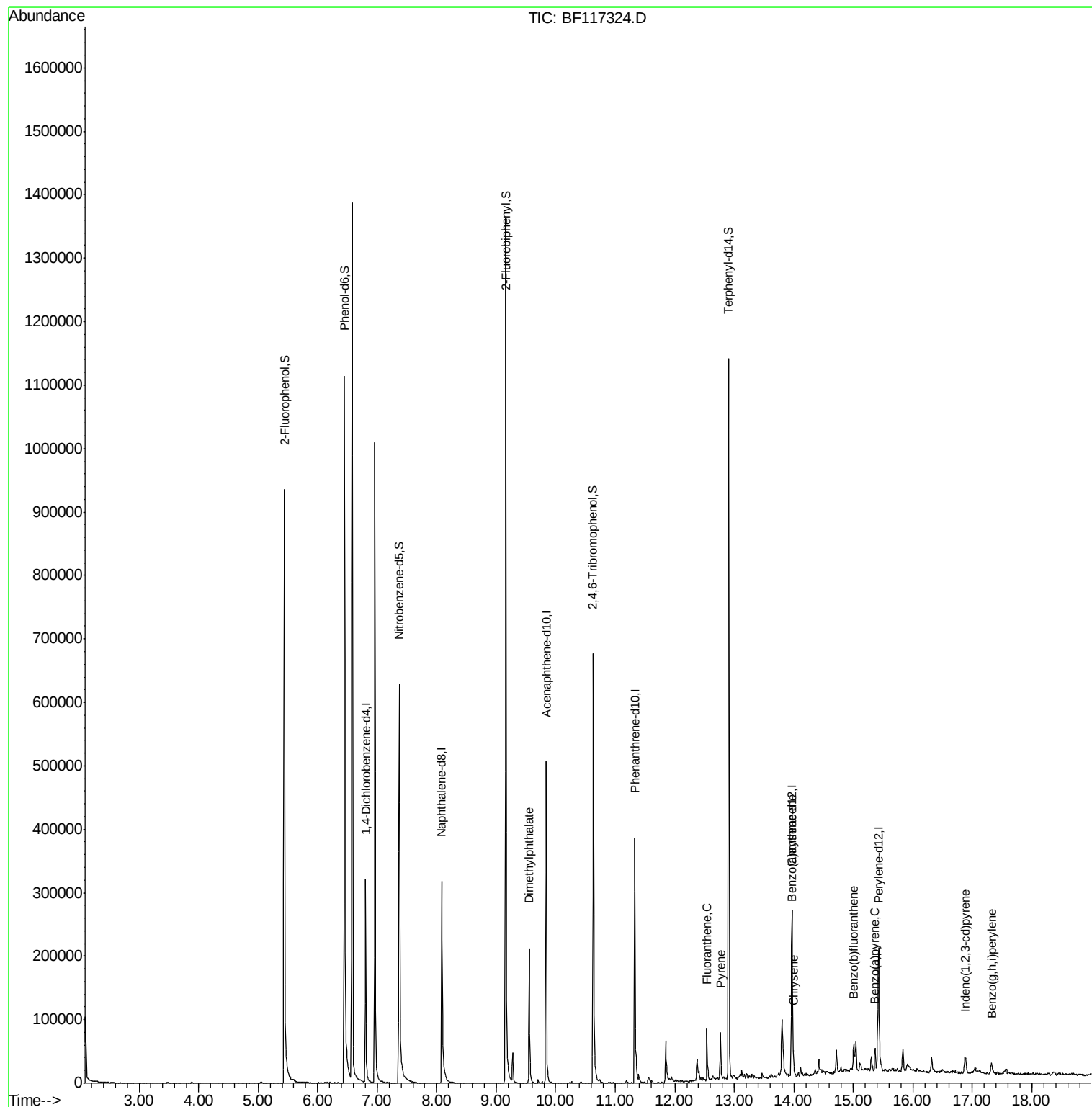
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100319\
Data File : BF117324.D
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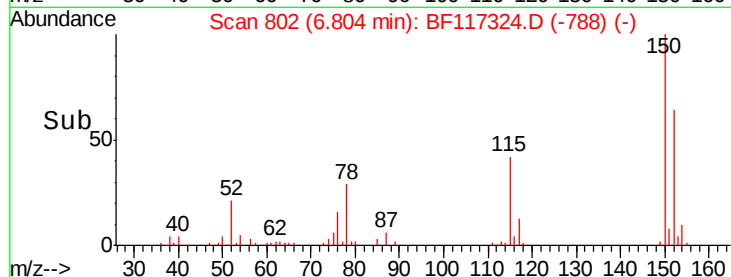
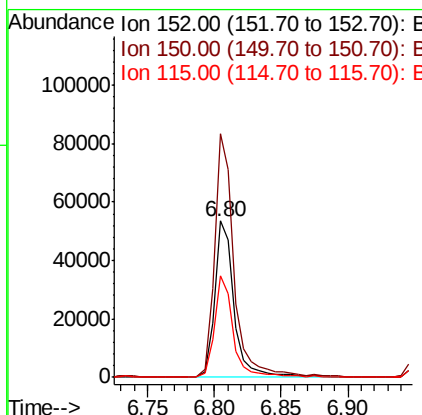
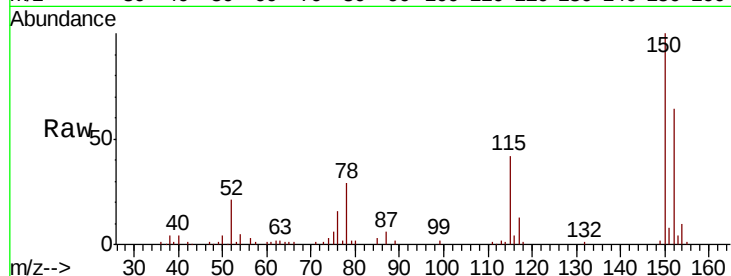
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.02 min
 Lab File: BF117324.D
 Acq: 3 Oct 2019 18:53

Instrument :
 BNA_F
 ClientSampled :
 CSA-3-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	127.5	191.3
115	65.3	55.0	82.4

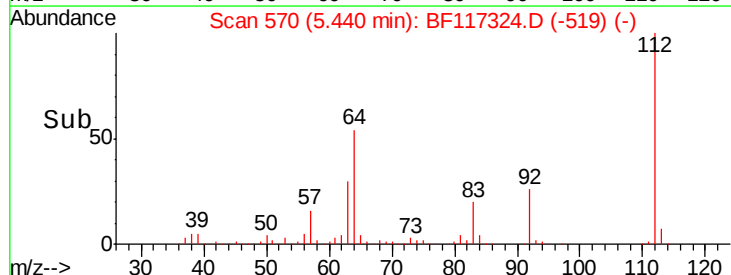
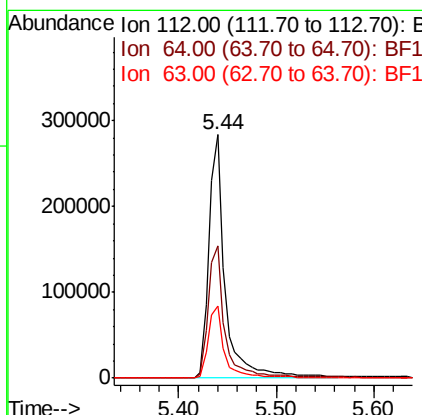
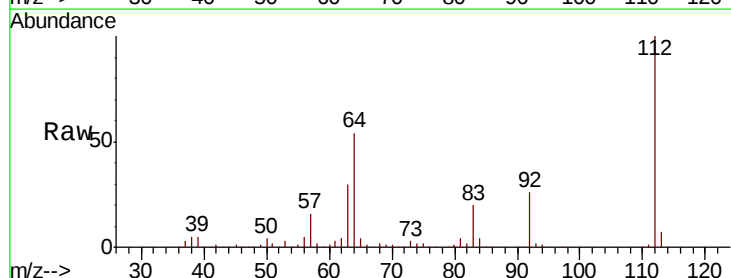
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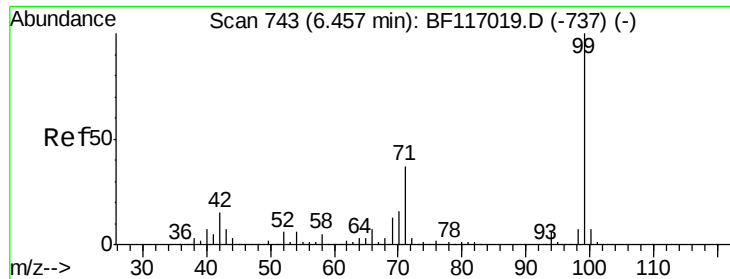
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#5
 2-Fluorophenol
 Concen: 94.047 ng
 RT: 5.44 min Scan# 570
 Delta R.T. 0.00 min
 Lab File: BF117324.D
 Acq: 3 Oct 2019 18:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.2	45.7	68.5
63	29.6	24.9	37.3





#7

Phenol-d6

Concen: 106.069 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF117324.D

Acq: 3 Oct 2019 18:53

Instrument :

BNA_F

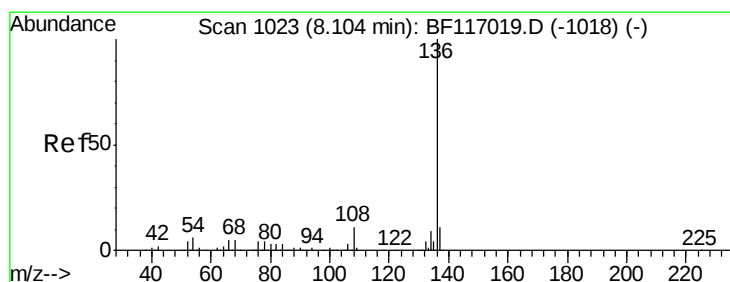
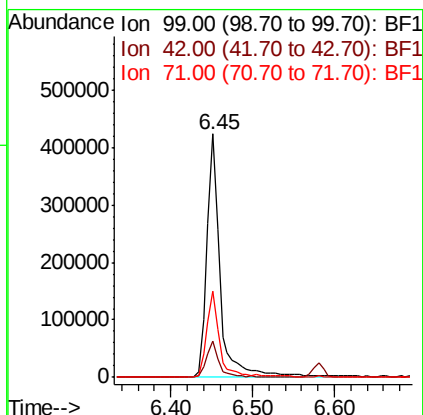
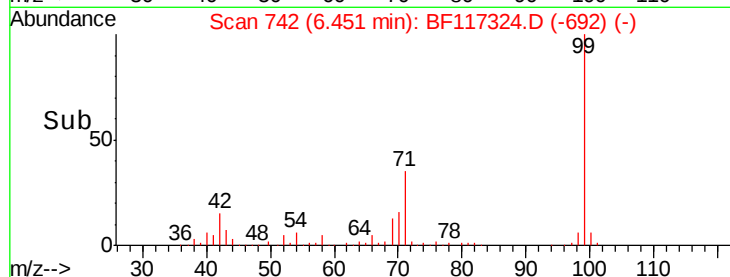
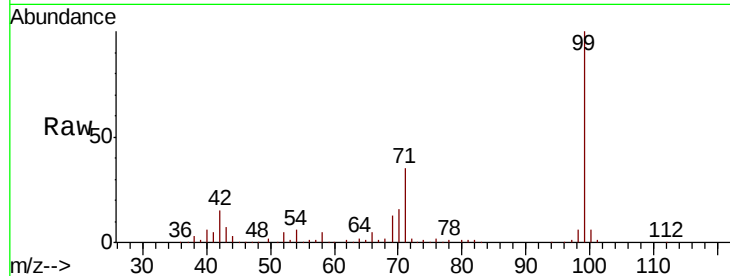
ClientSampled :

CSA-3-2

Tot Ion:	99	Resp:	483285
Ion Ratio	Lower	Upper	
99	100		
42	14.8	12.2	18.2
71	35.4	29.8	44.8

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#21

Naphthalene-d8

Concen: 20.000 ng

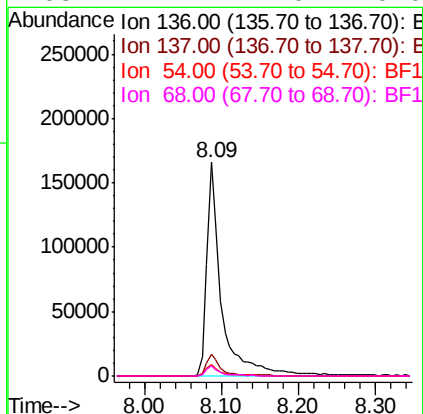
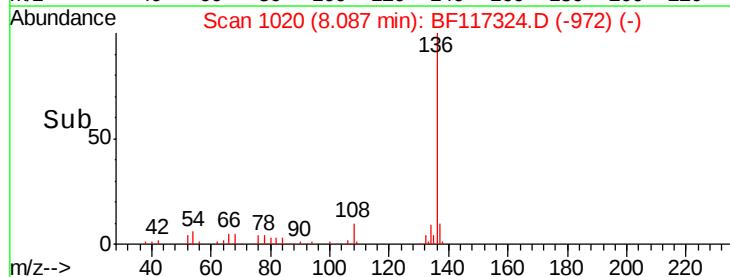
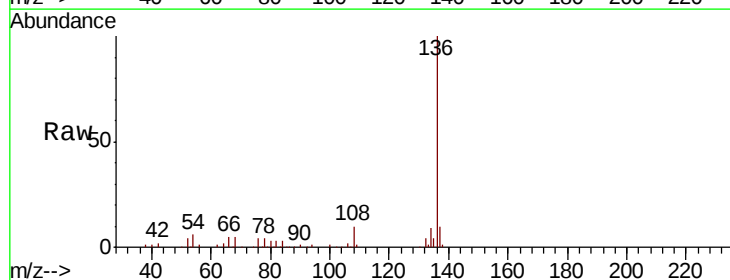
RT: 8.09 min Scan# 1020

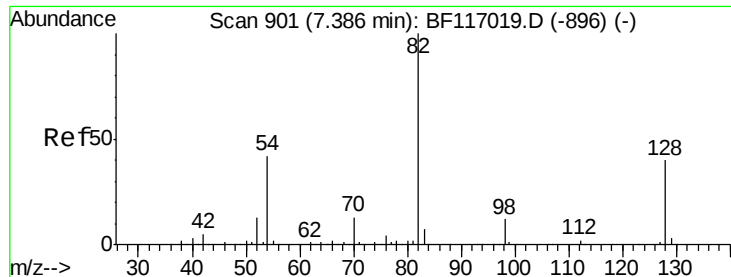
Delta R.T. -0.02 min

Lab File: BF117324.D

Acq: 3 Oct 2019 18:53

Tgt Ion:	136	Resp:	221409
Ion Ratio	Lower	Upper	
136	100		
137	10.0	9.0	13.4
54	5.5	4.5	6.7
68	4.7	4.0	6.0





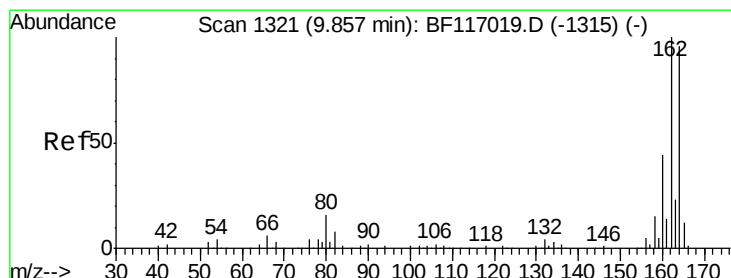
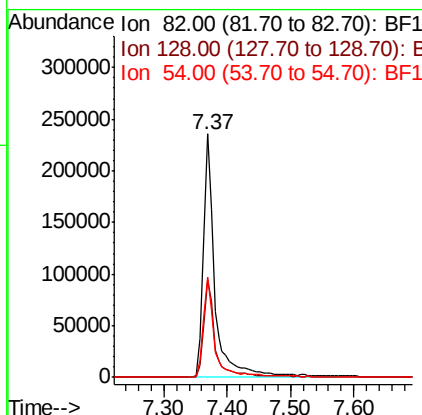
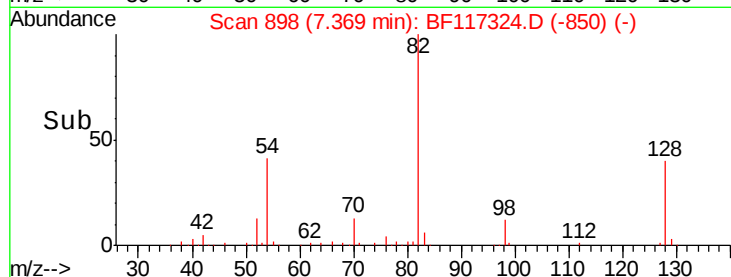
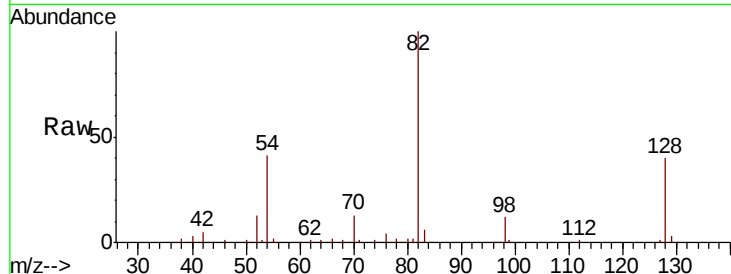
#23
Nitrobenzene-d5
Concen: 71.765 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.02 min
Lab File: BF117324.D
Acq: 3 Oct 2019 18:53

Instrument :
BNA_F
ClientSampleId :
CSA-3-2

Tot Ion	82	Resp	302411
Ion Ratio	100	Lower	Upper
82	100		
128	40.4	32.3	48.5
54	41.3	33.3	49.9

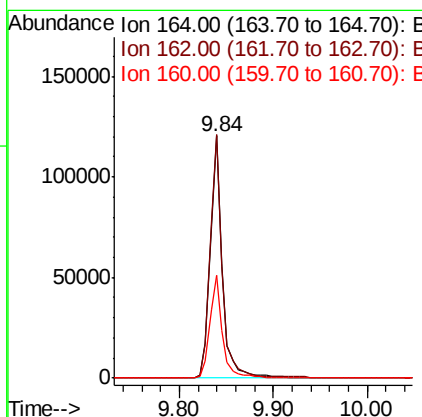
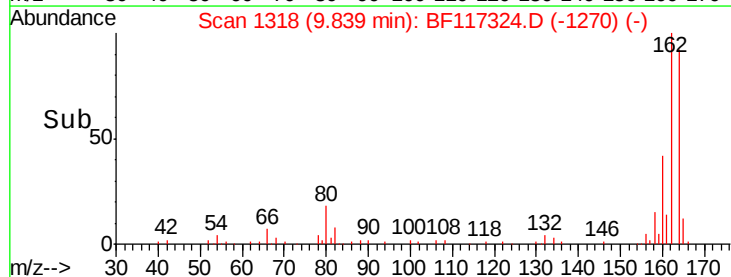
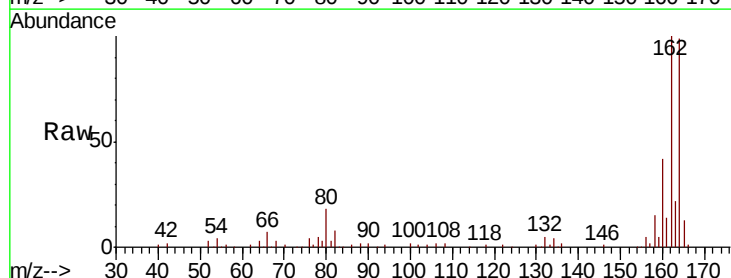
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.02 min
Lab File: BF117324.D
Acq: 3 Oct 2019 18:53

Tgt Ion	164	Resp	110896
Ion Ratio	100	Lower	Upper
164	100		
162	100.7	83.4	125.2
160	42.5	36.4	54.6





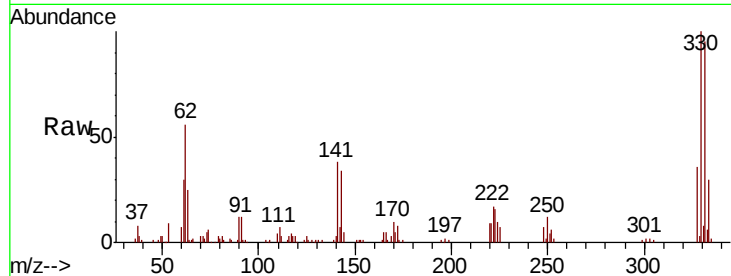
#42
 2,4,6-Tribromophenol
 Concen: 100.402 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF117324.D
 Acq: 3 Oct 2019 18:53

Instrument :
 BNA_F
 ClientSampled :
 CSA-3-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	78.0	117.0
141	43.9	35.8	53.6

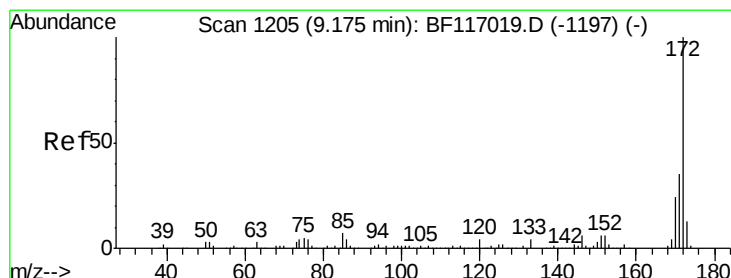
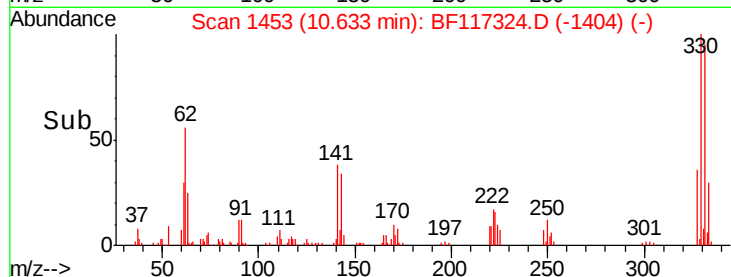
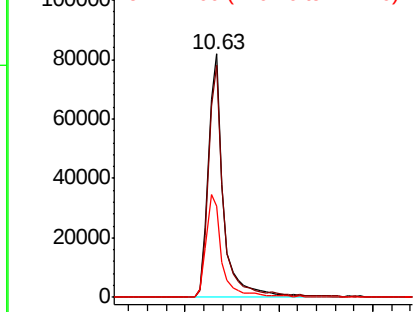
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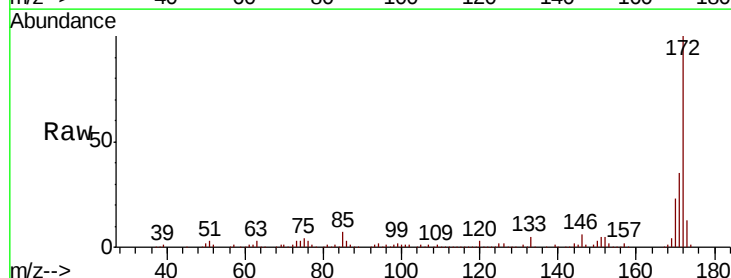
Abundance

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



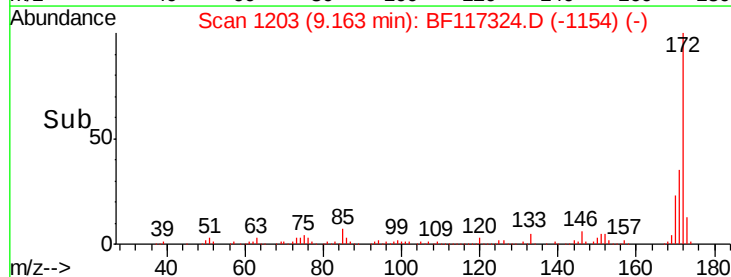
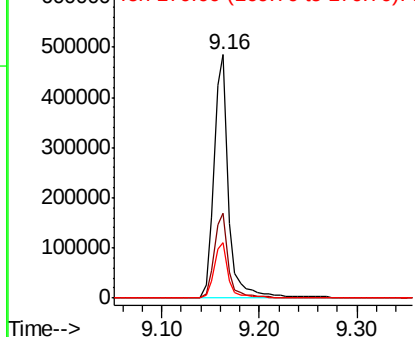
#45
 2-Fluorobiphenyl
 Concen: 71.179 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF117324.D
 Acq: 3 Oct 2019 18:53

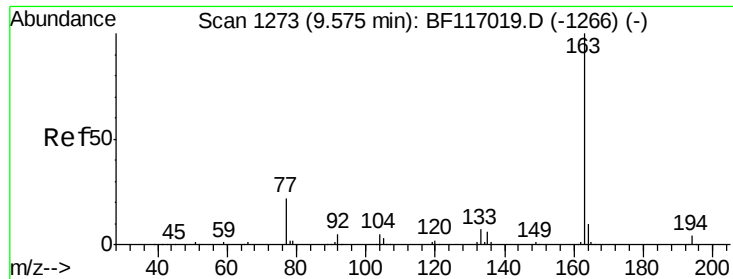
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.2	42.2
170	22.7	18.9	28.3



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





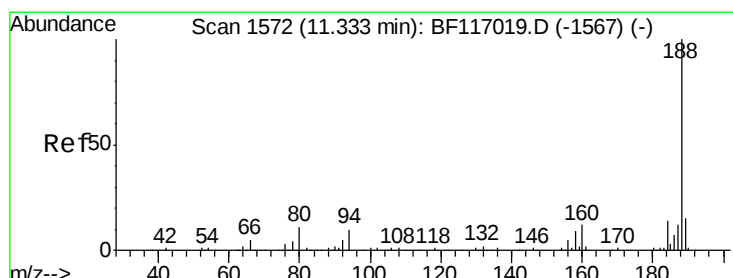
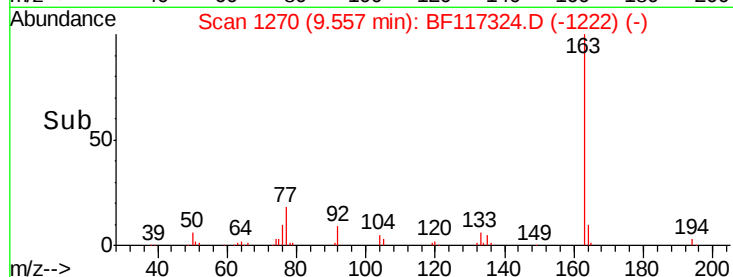
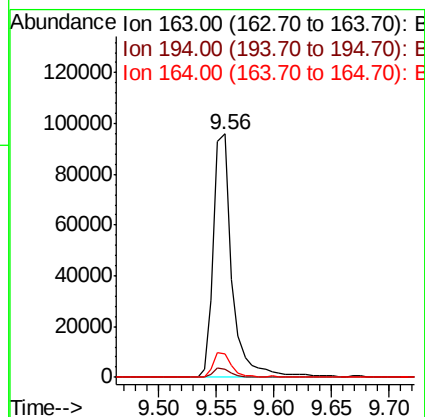
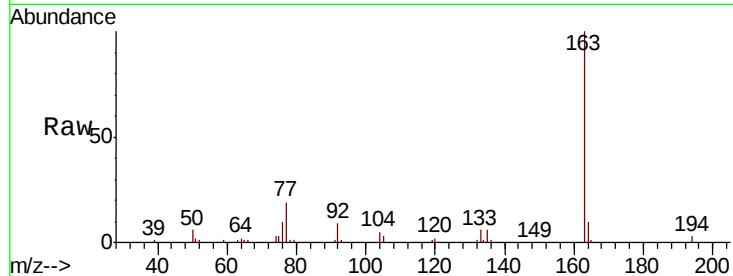
#50
Dimethylphthalate
Concen: 13.818 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF117324.D
Acq: 3 Oct 2019 18:53

Instrument :
BNA_F
ClientSampleId :
CSA-3-2

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.2	2.9	4.3	
164	9.6	8.2	12.4	

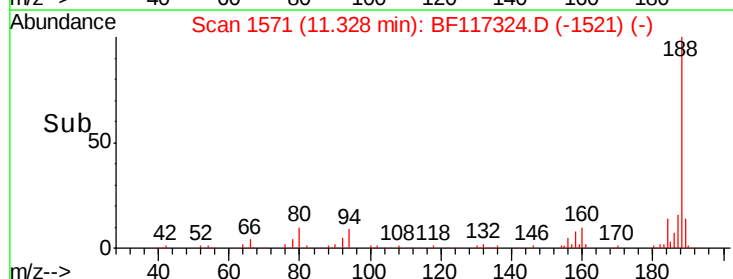
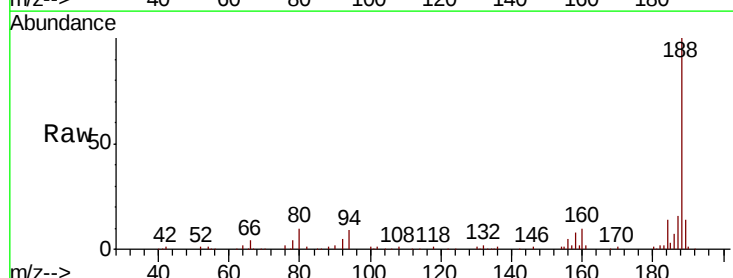
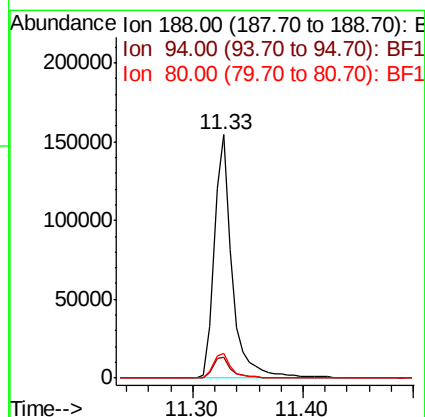
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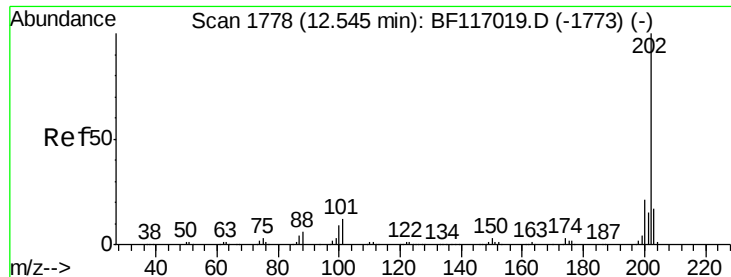
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF117324.D
Acq: 3 Oct 2019 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	8.7	8.2	12.2	
80	10.0	9.0	13.6	





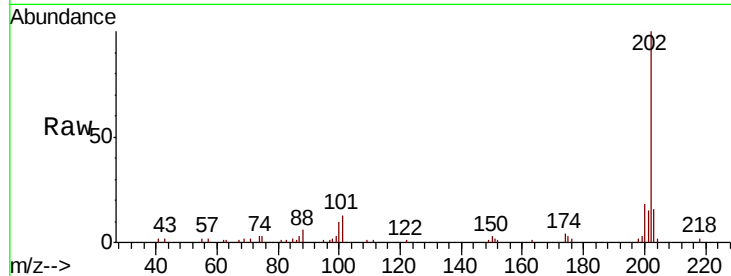
#75
 Fluoranthene
 Concen: 3.616 ng
 RT: 12.54 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BF117324.D
 Acq: 3 Oct 2019 18:53

Instrument :
 BNA_F
 ClientSampleId :
 CSA-3-2

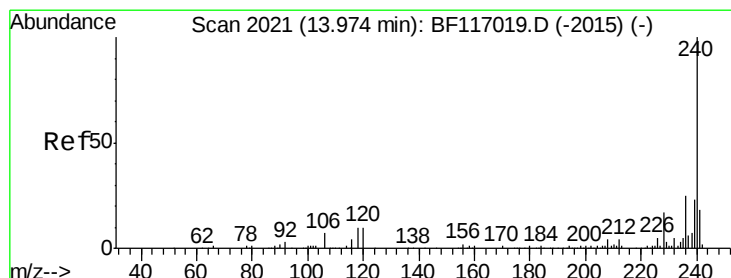
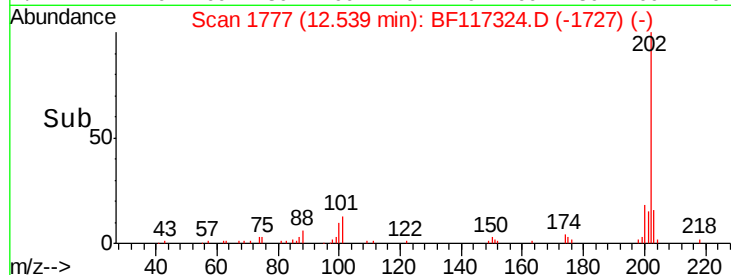
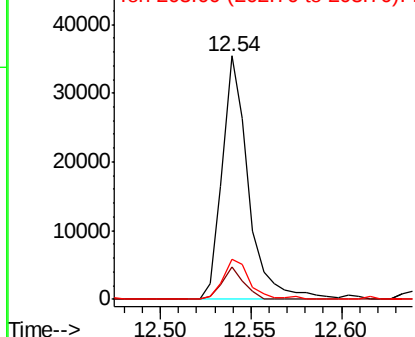
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.2	0.0	32.3
203	16.4	0.0	37.1

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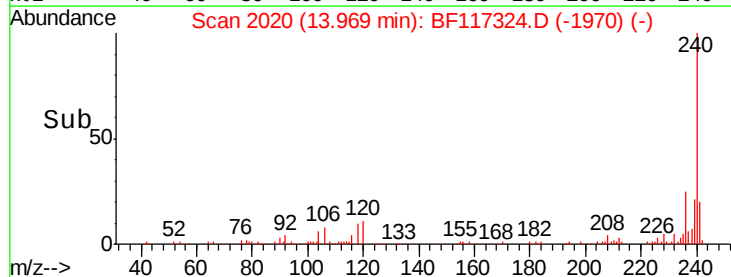
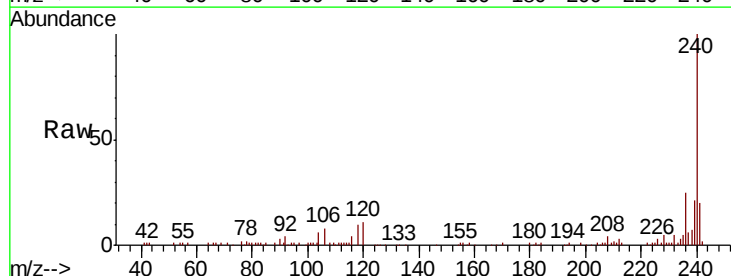
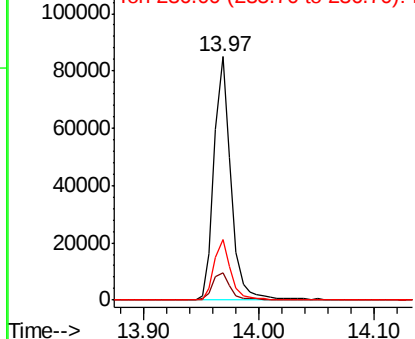
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

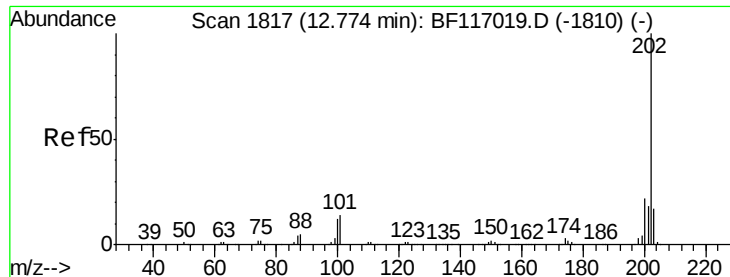


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF117324.D
 Acq: 3 Oct 2019 18:53

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.0	8.3	12.5
236	25.1	20.3	30.5

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





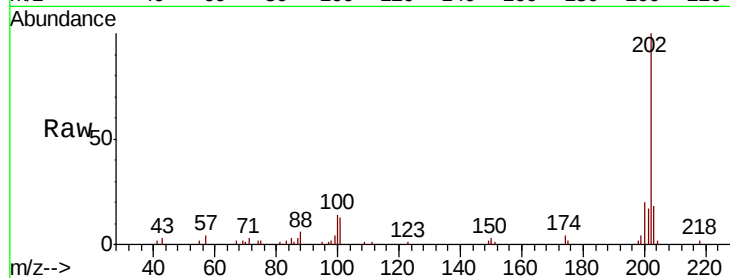
#78
Pvrene
Concen: 4.538 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BF117324.D
Acq: 3 Oct 2019 18:53

Instrument :
BNA_F
ClientSampleId :
CSA-3-2

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.0	17.2	25.8
203	17.5	14.0	21.0

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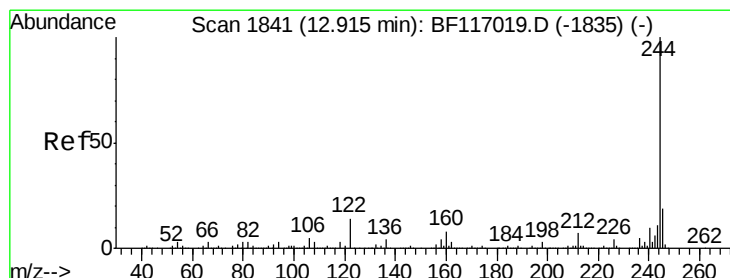
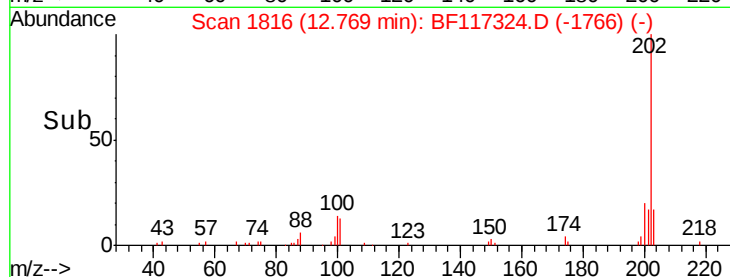
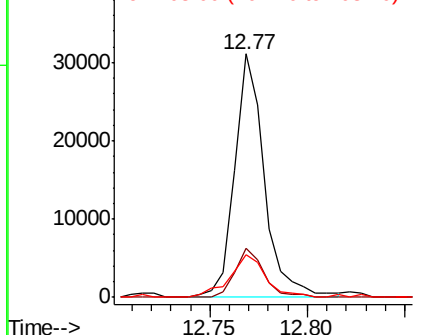


Abundance

Ion 202.00 (201.70 to 202.70): E

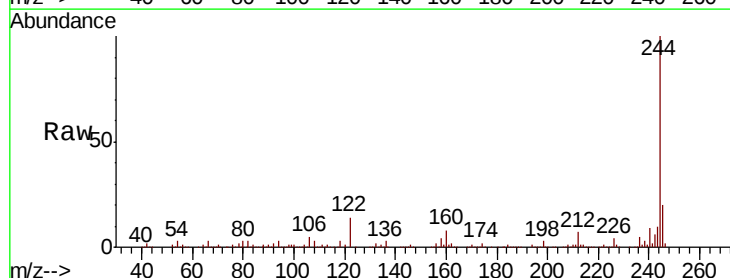
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79
Terphenyl-d14
Concen: 86.732 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BF117324.D
Acq: 3 Oct 2019 18:53

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.8
122	13.8	11.3	16.9

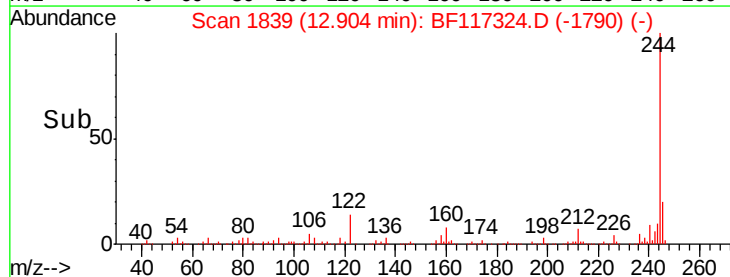
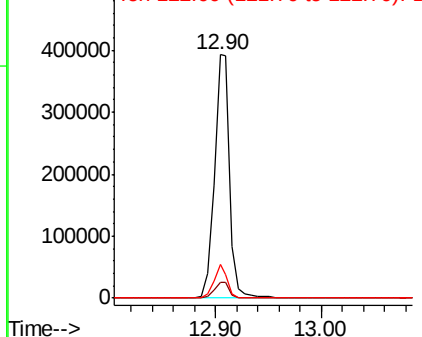


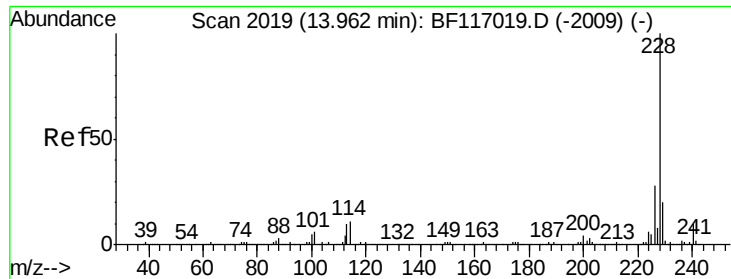
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





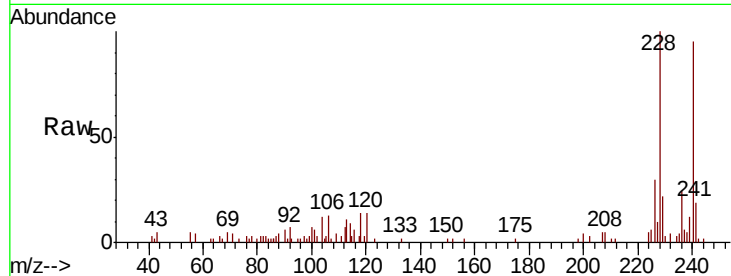
#81
Benzo(a)anthracene
Concen: 2.988 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF117324.D
Acq: 3 Oct 2019 18:53

Instrument :
BNA_F
ClientSampleId :
CSA-3-2

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	22.3	33.5
229	22.0	15.9	23.9

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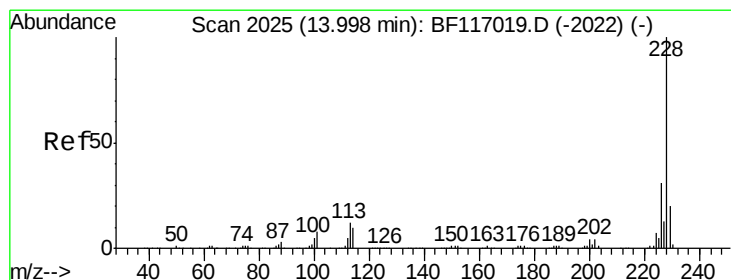
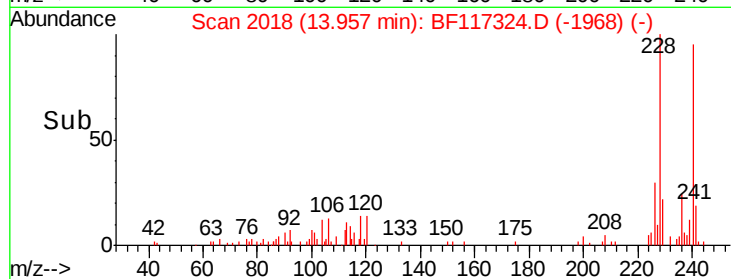
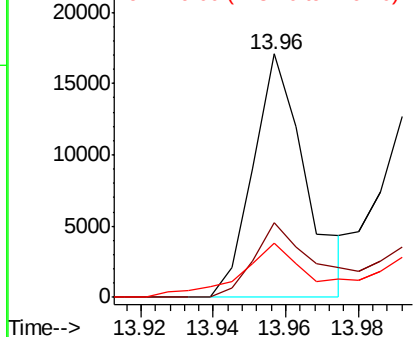


Abundance

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



#83
Chrysene
Concen: 2.861 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF117324.D
Acq: 3 Oct 2019 18:53

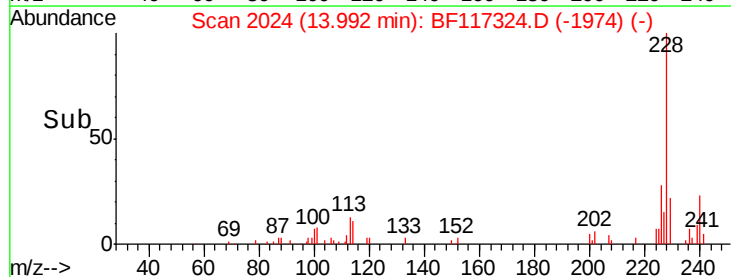
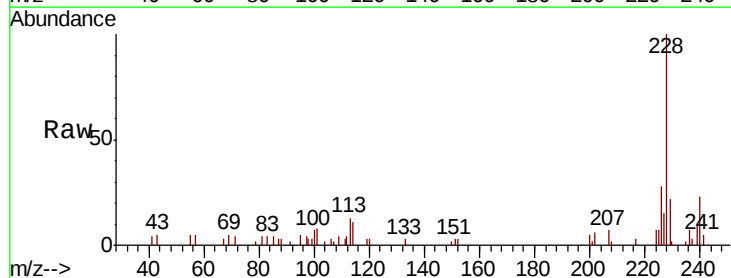
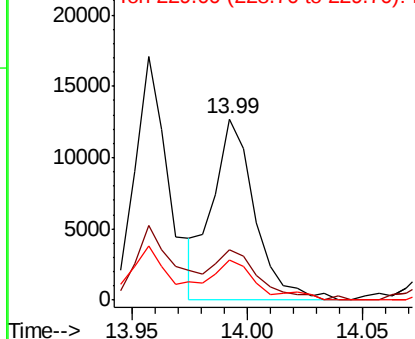
Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	24.8	37.2
229	22.1	15.8	23.8

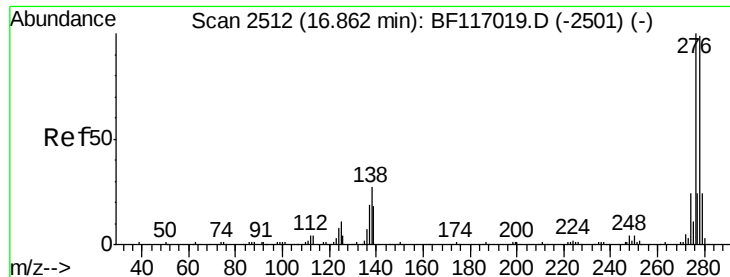
Abundance

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





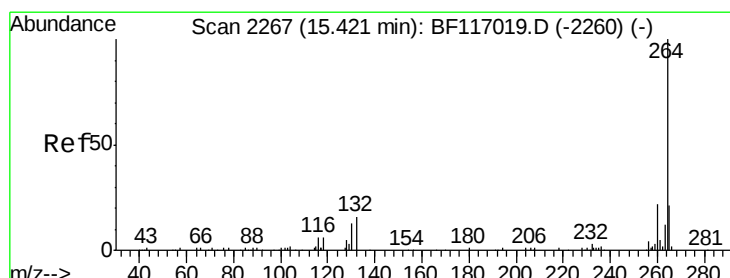
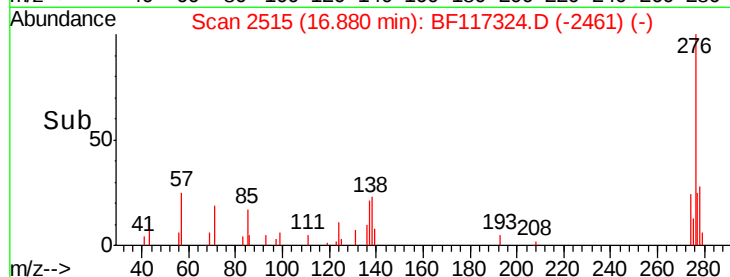
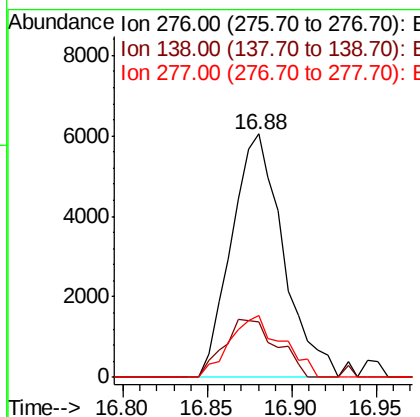
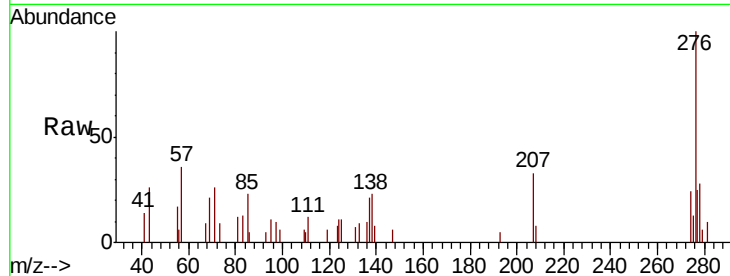
#86
Indeno(1,2,3-cd)pyrene
Concen: 3.129 ng
RT: 16.88 min Scan# 2515
Delta R.T. 0.02 min
Lab File: BF117324.D
Acq: 3 Oct 2019 18:53

Instrument :
BNA_F
ClientSampleId :
CSA-3-2

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.3	20.7	31.1
277	25.5	19.8	29.8

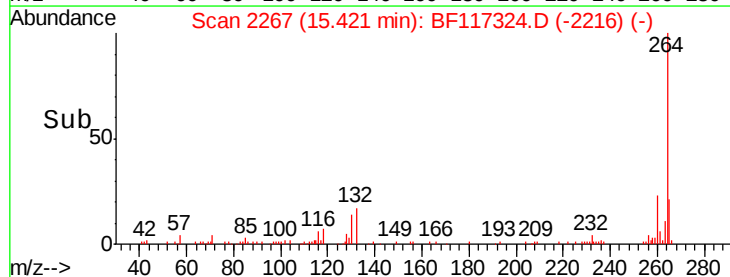
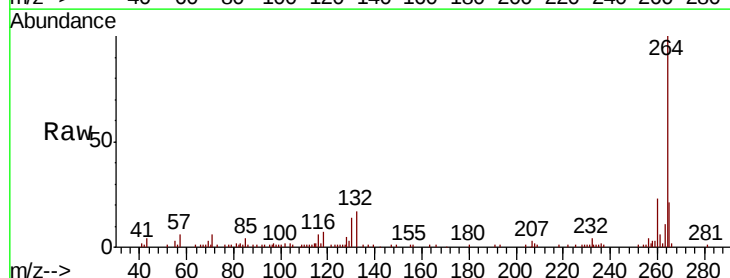
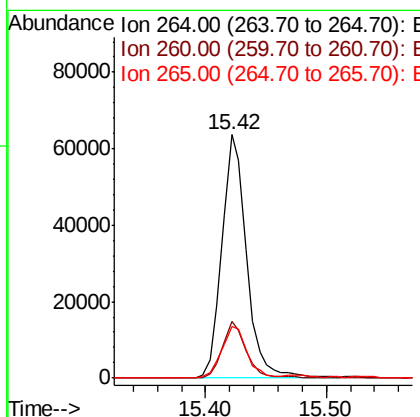
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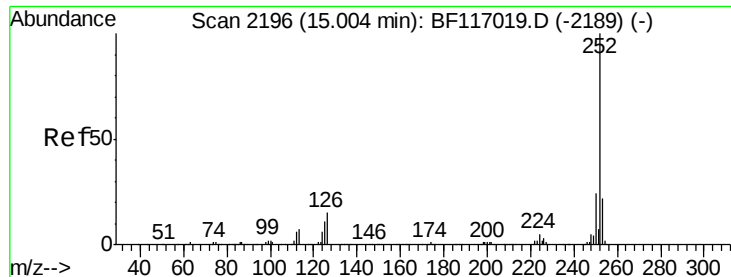
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.00 min
Lab File: BF117324.D
Acq: 3 Oct 2019 18:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.6	26.4
265	21.4	16.6	24.8





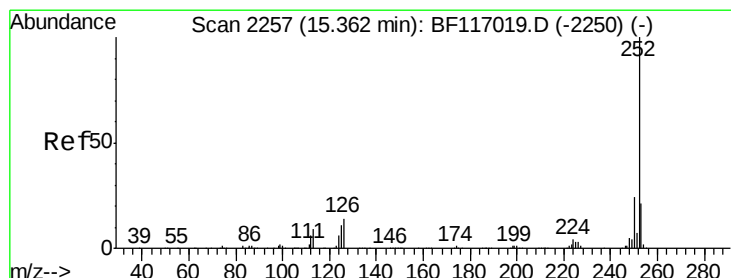
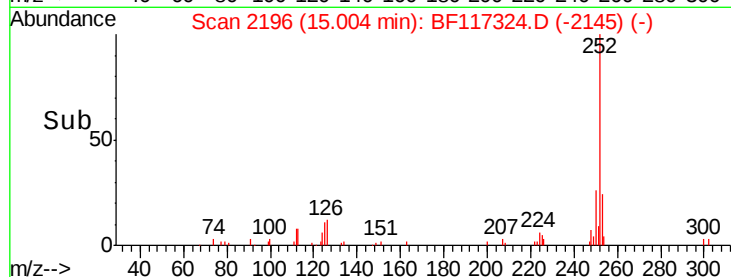
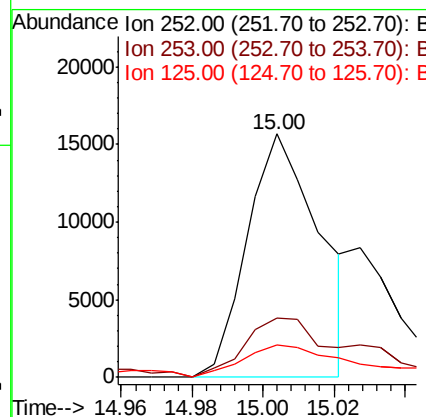
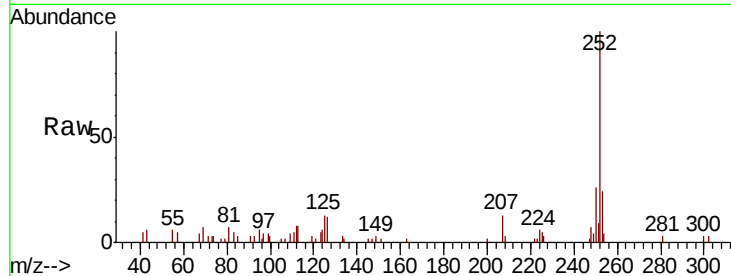
#88
Benzo(b)fluoranthene
Concen: 4.090 ng m
RT: 15.00 min Scan# 2196
Delta R.T. 0.00 min
Lab File: BF117324.D
Acq: 3 Oct 2019 18:53

Instrument :
BNA_F
ClientSampleId :
CSA-3-2

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.6	26.4
125	13.4	8.6	12.8

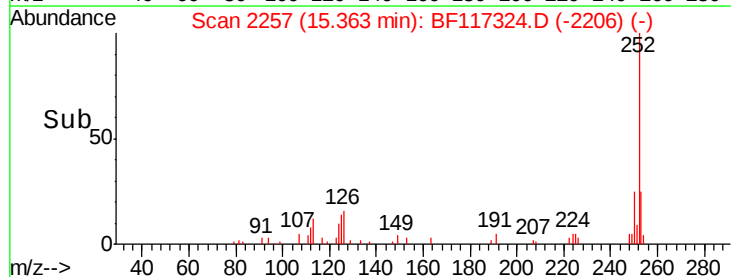
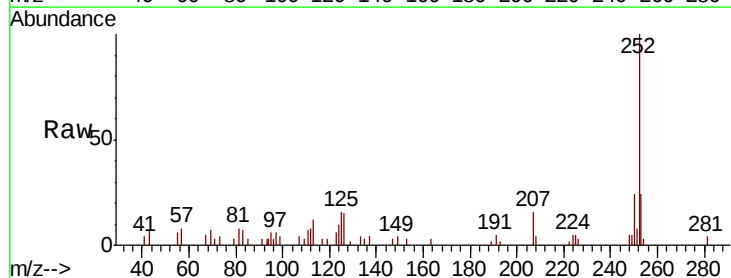
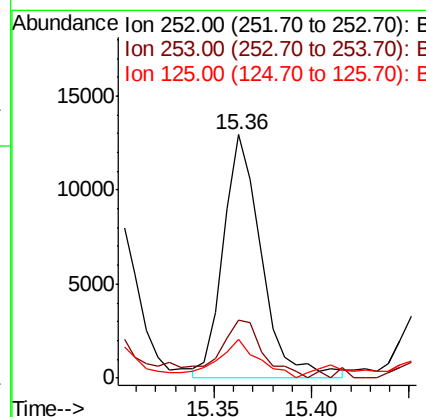
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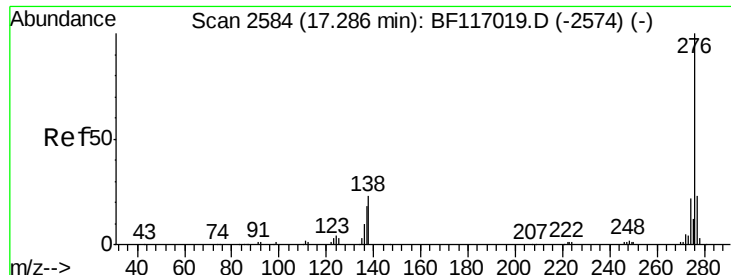
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#90
Benzo(a)pyrene
Concen: 3.680 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF117324.D
Acq: 3 Oct 2019 18:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	16.6	25.0
125	15.9	8.9	13.3





#92

Benzo(a,h,i)perylene

Concen: 3.258 ng

RT: 17.32 min Scan# 2589

Delta R.T. 0.03 min

Lab File: BF117324.D

Acq: 3 Oct 2019 18:53

Instrument :

BNA_F

ClientSampleId :

CSA-3-2

Tot Ion:	276	Resp:	12370
Ion Ratio	Lower	Upper	
276	100		
277	29.5	18.6	27.8#
138	26.1	18.0	27.0

Manual Integrations
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