

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102419\
 Data File : BF117514.D
 Acq On : 24 Oct 2019 17:06
 Operator : JU
 Sample : K5500-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 802-00-(0-2)

Manual Integrations
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mohammad
 10/26/2019 10:02:47 AM

Quant Time: Oct 25 02:44:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	45584	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	187607	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	98110	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	153018	20.00	ng	0.00
76) Chrysene-d12	13.89	240	88305	20.00	ng	0.00
87) Perylene-d12	15.33	264	99604	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	285438	93.16	ng	0.00
7) Phenol-d6	6.39	99	390164	94.81	ng	0.00
23) Nitrobenzene-d5	7.30	82	236628	62.27	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	74406	87.65	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	365121	52.44	ng	0.00
79) Terphenyl-d14	12.83	244	288340	53.26	ng	0.00
Target Compounds						
10) Phenol	6.39	94	10307	2.454	ng	88
50) Dimethylphthalate	9.48	163	50912	7.279	ng	98
71) Phenanthrene	11.27	178	22432	2.525	ng	97
75) Fluoranthene	12.46	202	44390	4.991	ng	99
78) Pyrene	12.69	202	37065	4.887	ng	96
81) Benzo(a)anthracene	13.88	228	14604m	2.452	ng	
83) Chrysene	13.92	228	13364	2.289	ng	97
88) Benzo(b)fluoranthene	14.92	252	16758m	2.849	ng	
90) Benzo(a)pyrene	15.27	252	13282	2.484	ng	# 84

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

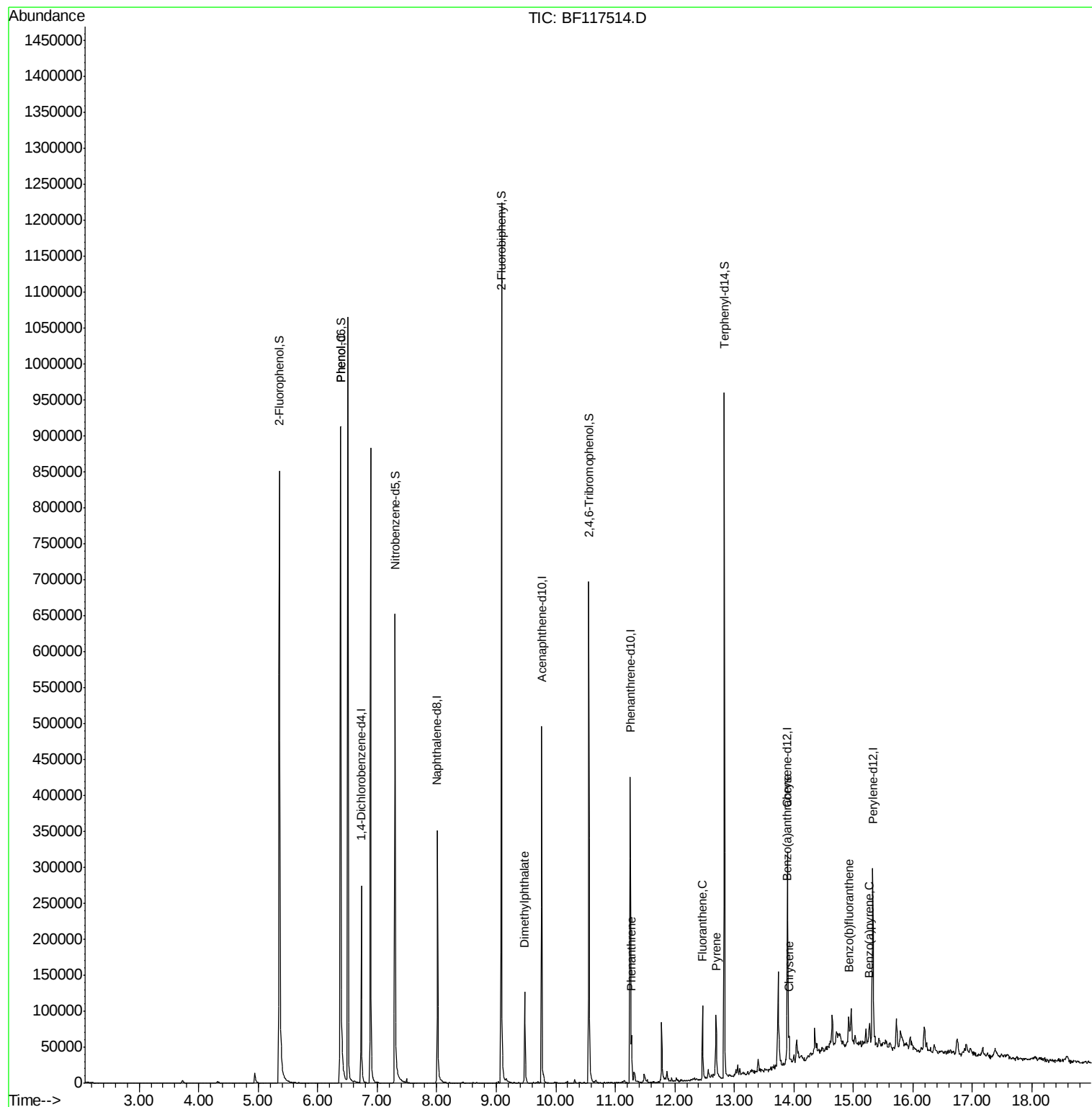
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102419\
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#1

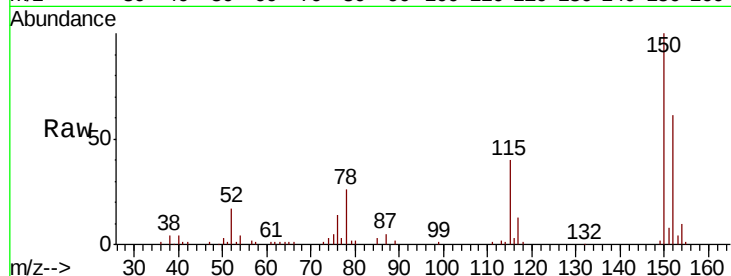
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF117514.D
Acq: 24 Oct 2019 17:06

Instrument :
BNA_F
ClientSampleId :
802-00-(0-2)

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.9	126.8	190.2
115	65.9	51.6	77.4

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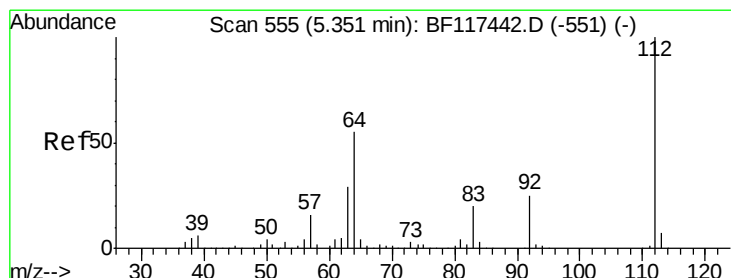
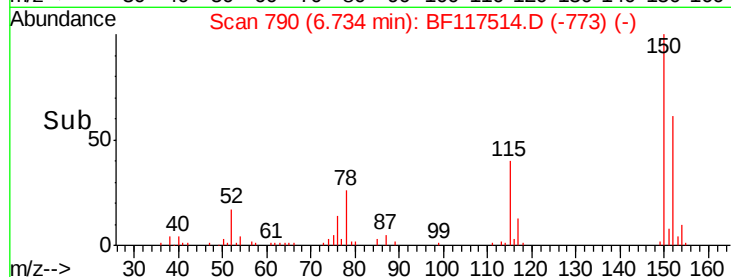
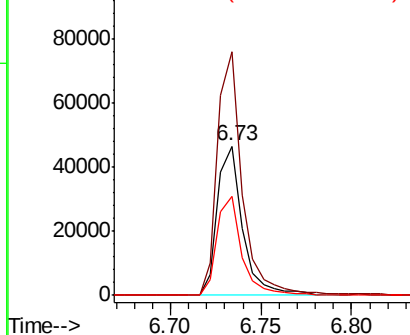


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

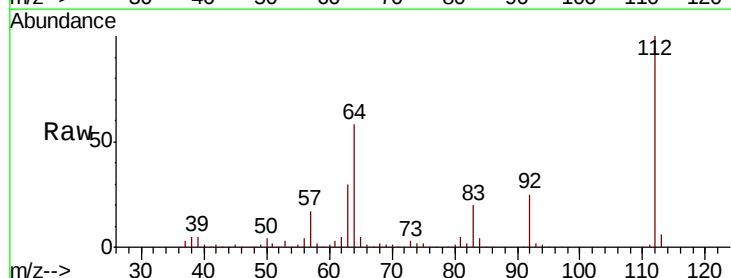
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 93.157 ng
RT: 5.36 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF117514.D
Acq: 24 Oct 2019 17:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.8	44.1	66.1
63	30.2	23.4	35.2

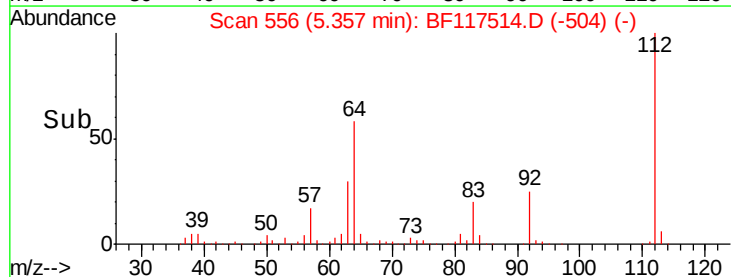
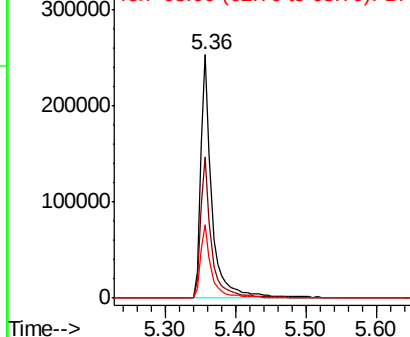


Abundance

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: 94.807 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF117514.D

Acq: 24 Oct 2019 17:06

Instrument :

BNA_F

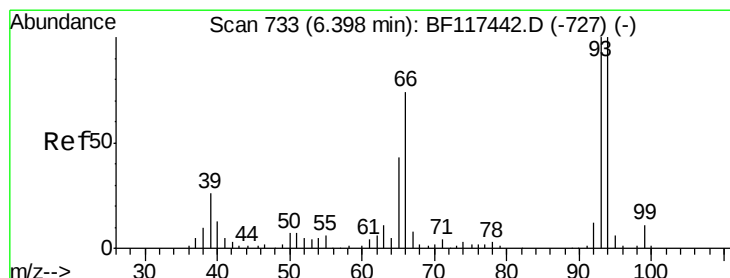
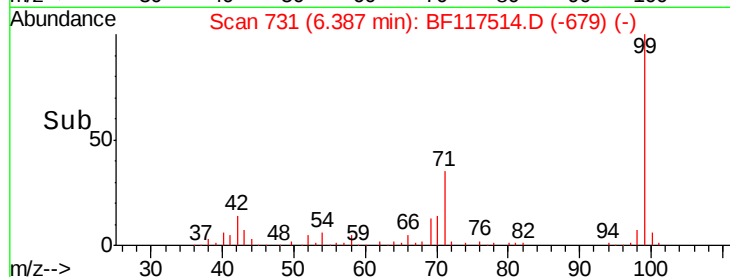
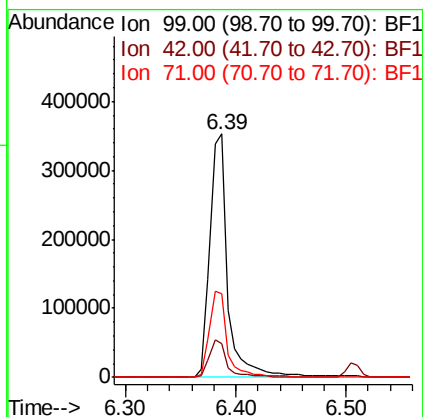
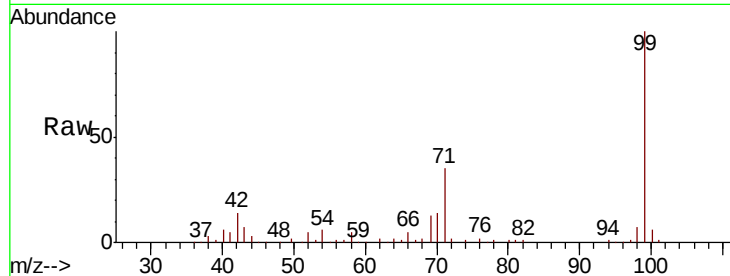
ClientSampleId :

802-00-(0-2)

Tot Ion:	99	Resp:	390164
Ion	Ratio	Lower	Upper
99	100		
42	13.9	12.8	19.2
71	34.5	28.6	43.0

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#10

Phenol

Concen: 2.454 ng

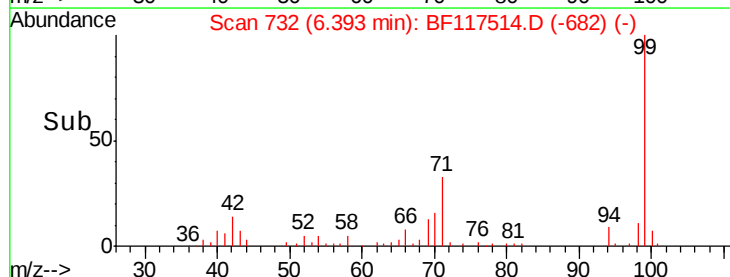
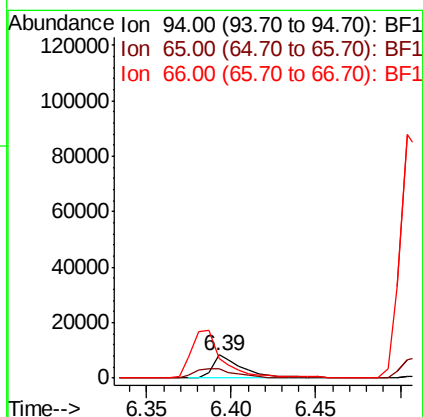
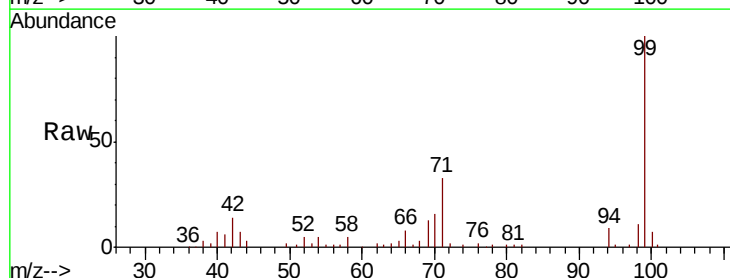
RT: 6.39 min Scan# 732

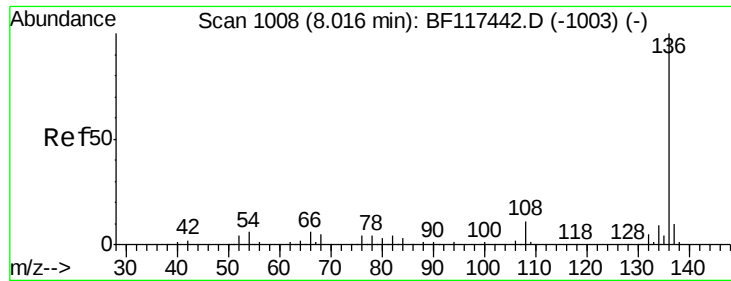
Delta R.T. -0.01 min

Lab File: BF117514.D

Acq: 24 Oct 2019 17:06

Tgt Ion:	94	Resp:	10307
Ion	Ratio	Lower	Upper
94	100		
65	39.6	23.4	63.4
66	87.2	54.7	94.7





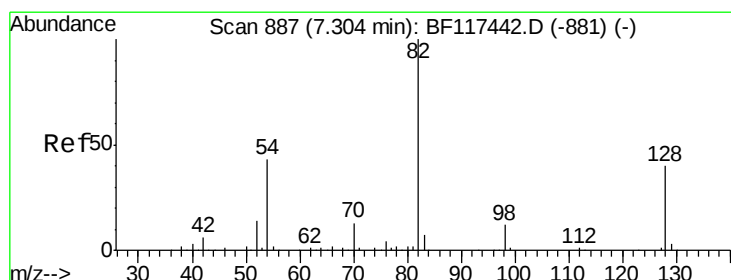
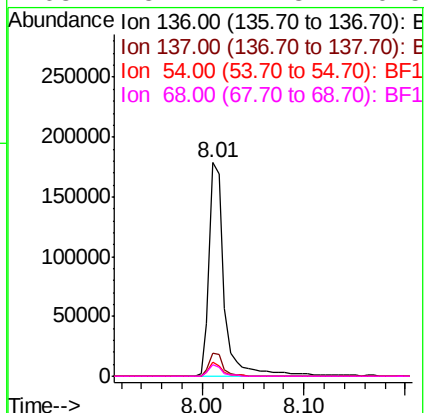
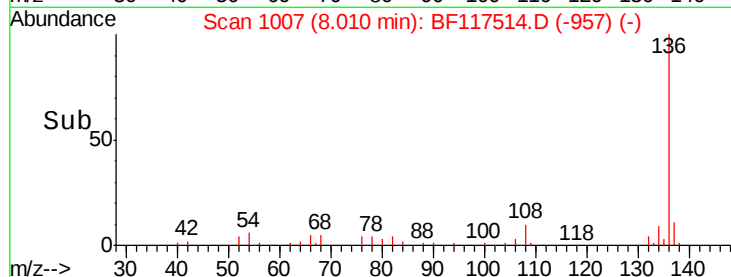
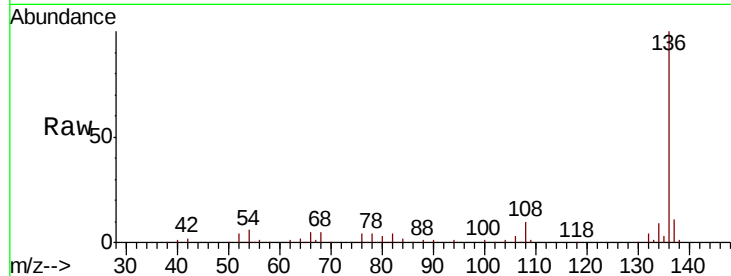
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117514.D
Acq: 24 Oct 2019 17:06

Instrument :
BNA_F
ClientSampleId :
802-00-(0-2)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	11.0	8.2	12.4		
54	6.3	4.5	6.7		
68	5.4	4.3	6.5		

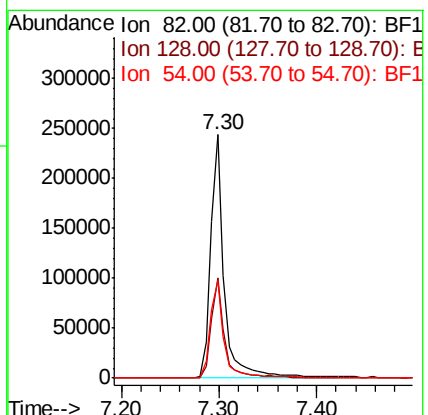
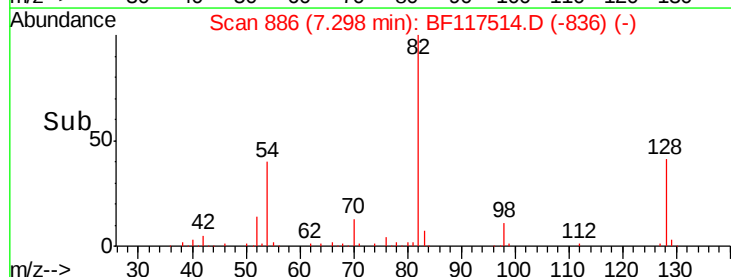
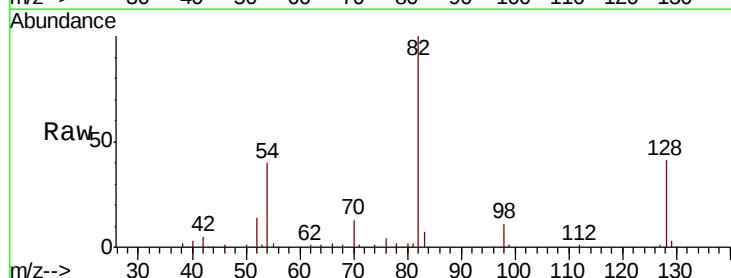
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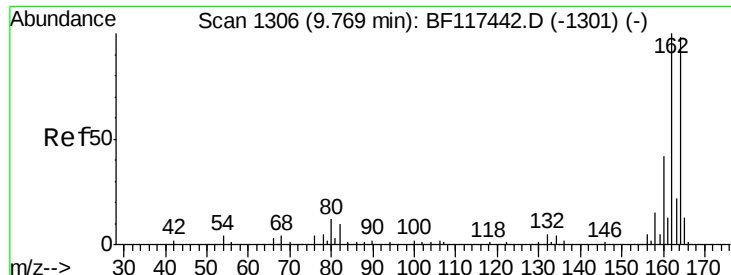
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#23
Nitrobenzene-d5
Concen: 62.268 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF117514.D
Acq: 24 Oct 2019 17:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100				
128	41.0	32.2	48.2		
54	40.3	34.2	51.2		





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF117514.D

Acq: 24 Oct 2019 17:06

Instrument :

BNA_F

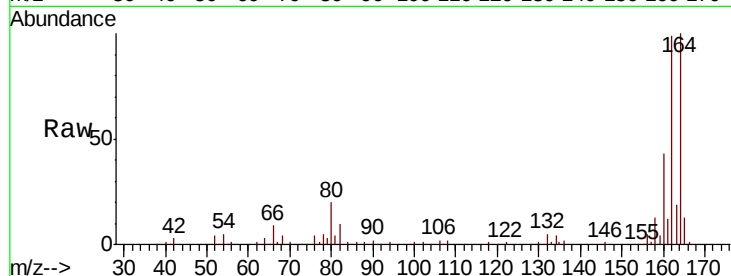
ClientSampleId :

802-00-(0-2)

Tot Ion:	164	Resp:	98110
Ion Ratio	Lower	Upper	
164	100		
162	99.0	81.8	122.6
160	42.9	34.4	51.6

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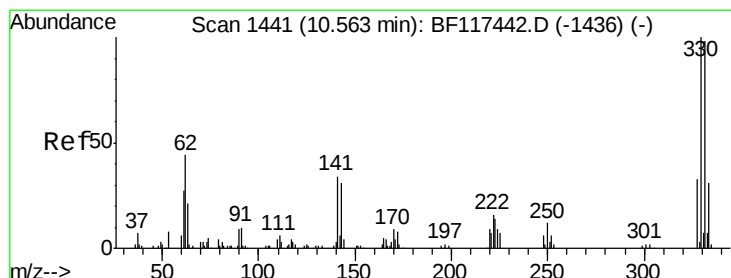
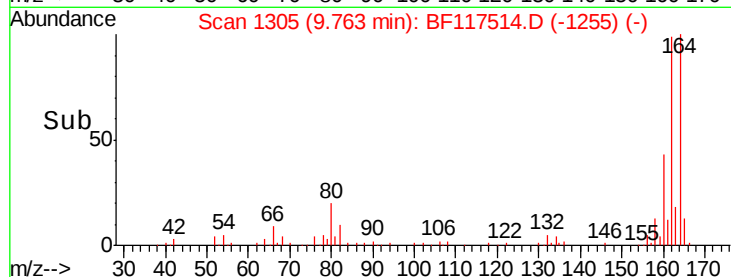
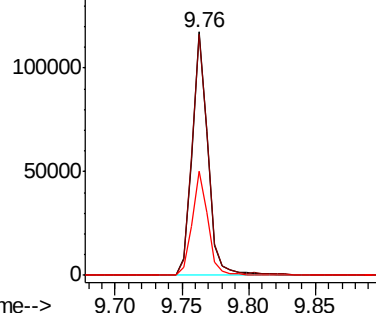


Abundance

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: 87.650 ng

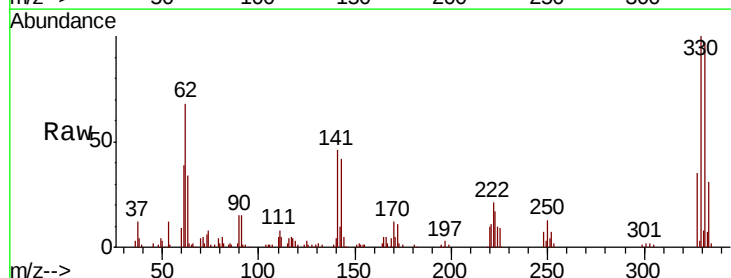
RT: 10.56 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BF117514.D

Acq: 24 Oct 2019 17:06

Tgt Ion:	330	Resp:	74406
Ion Ratio	Lower	Upper	
330	100		
332	97.2	78.5	117.7
141	44.4	37.0	55.6

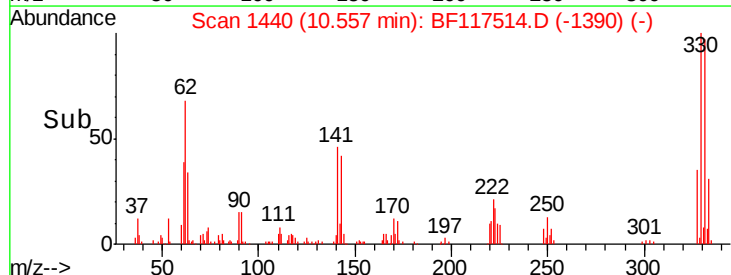
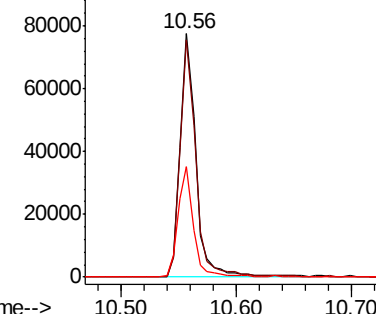


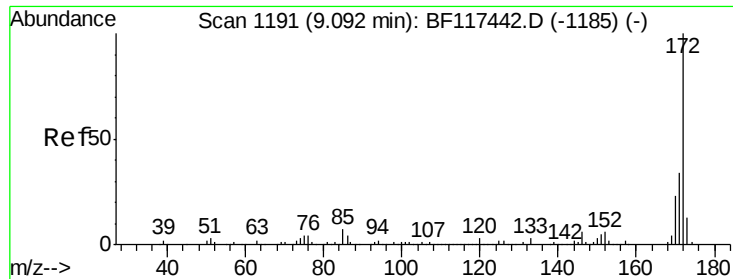
Abundance

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





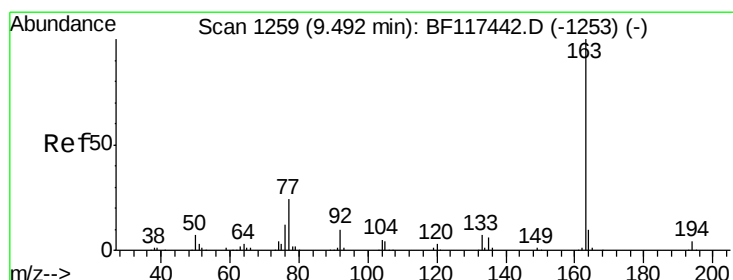
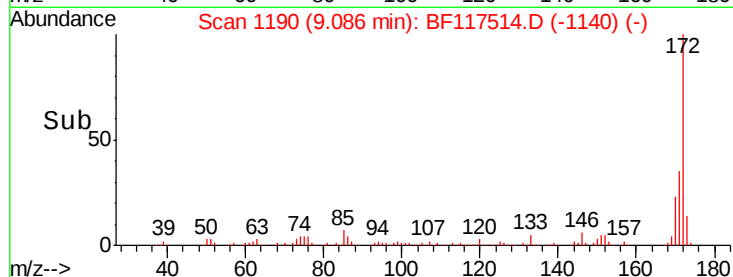
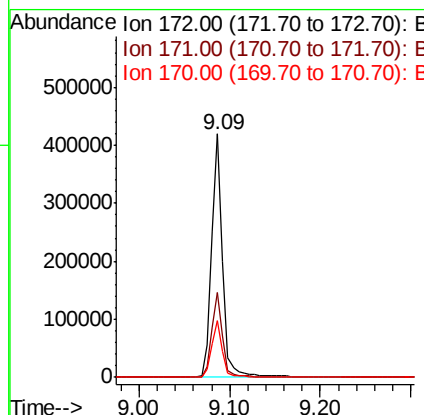
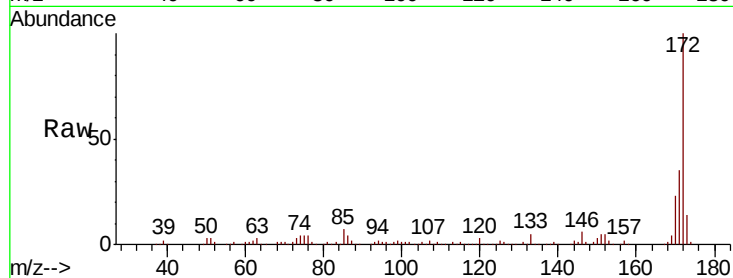
#45
2-Fluorobiphenyl
Concen: 52.436 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF117514.D
Acq: 24 Oct 2019 17:06

Instrument :
BNA_F
ClientSampleId :
802-00-(0-2)

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.5	41.3
170	23.4	18.6	27.8

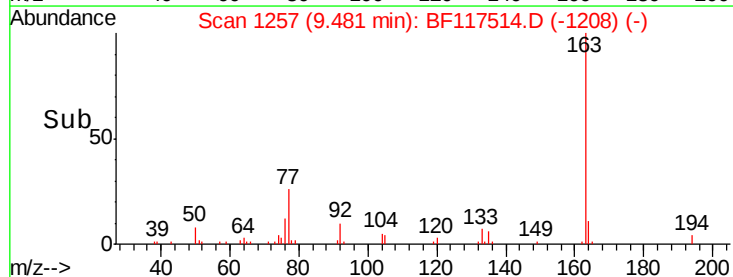
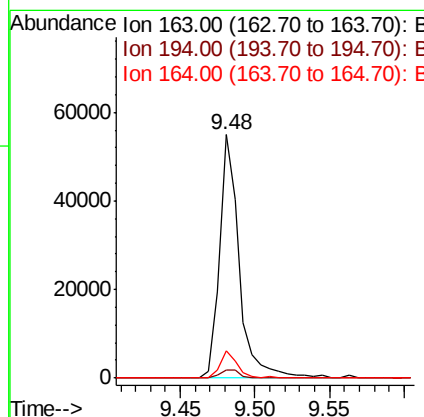
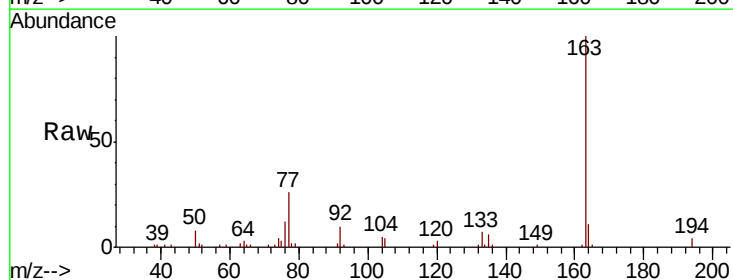
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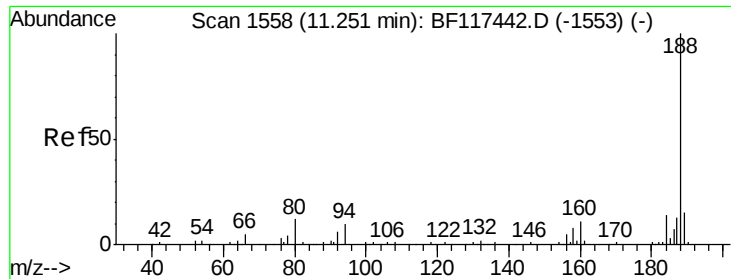
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#50
Dimethylphthalate
Concen: 7.279 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF117514.D
Acq: 24 Oct 2019 17:06

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.9	4.3
164	11.2	8.2	12.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1558

Delta R.T. 0.00 min

Lab File: BF117514.D

Acq: 24 Oct 2019 17:06

Instrument :

BNA_F

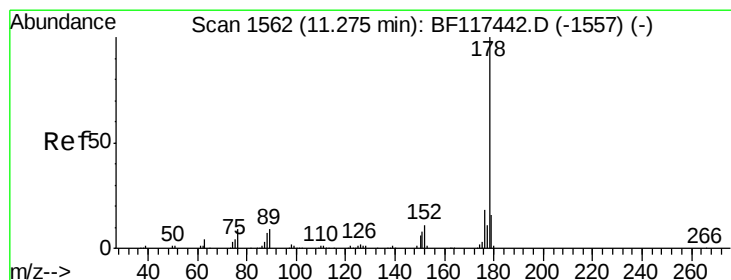
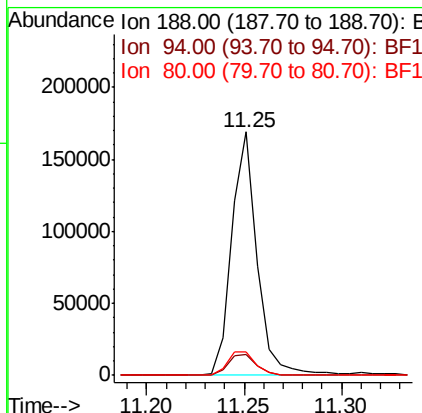
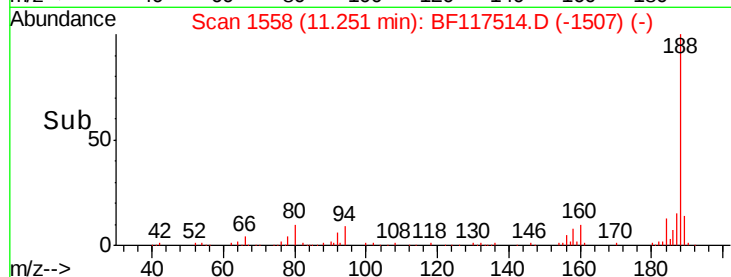
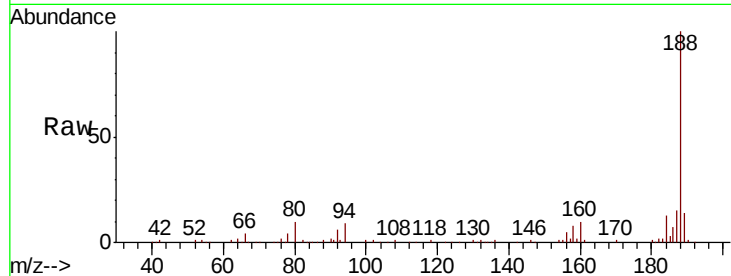
ClientSampleId :

802-00-(0-2)

Tot Ion:	188	Resp:	153018
Ion Ratio	Lower	Upper	
188	100		
94	8.7	8.0	12.0
80	9.7	9.5	14.3

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#71

Phenanthrene

Concen: 2.525 ng

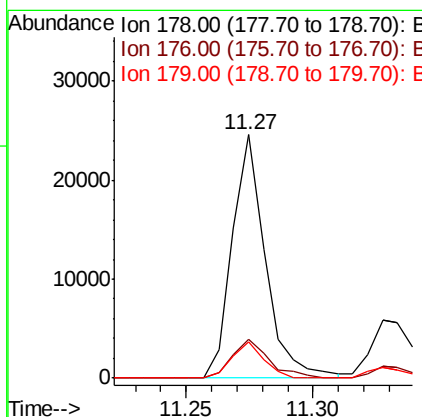
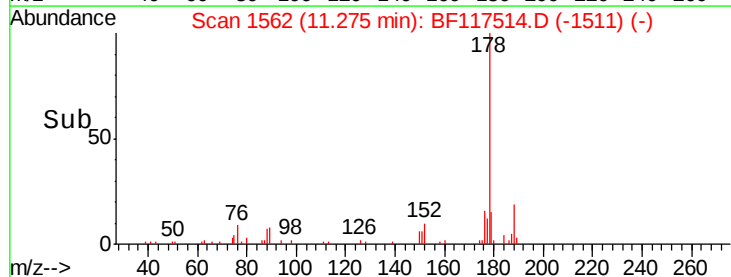
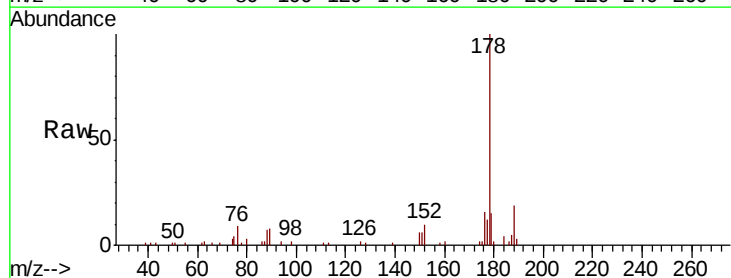
RT: 11.27 min Scan# 1562

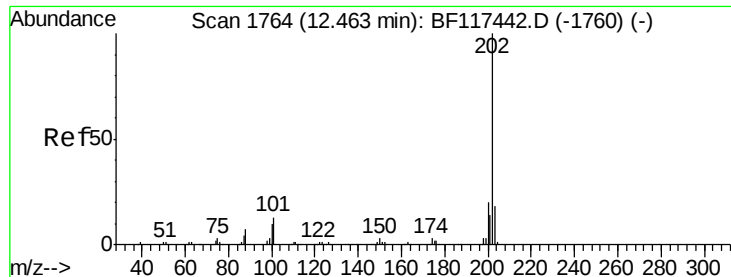
Delta R.T. 0.00 min

Lab File: BF117514.D

Acq: 24 Oct 2019 17:06

Tgt Ion:	178	Resp:	22432
Ion Ratio	Lower	Upper	
178	100		
176	16.2	14.6	22.0
179	15.0	12.6	19.0





#75

Fluoranthene

Concen: 4.991 ng

RT: 12.46 min Scan# 1764

Delta R.T. 0.00 min

Lab File: BF117514.D

Acq: 24 Oct 2019 17:06

Instrument :

BNA_F

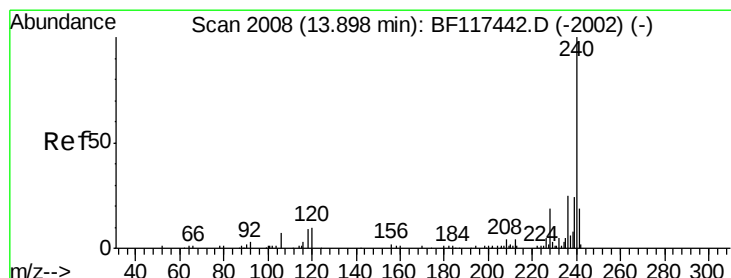
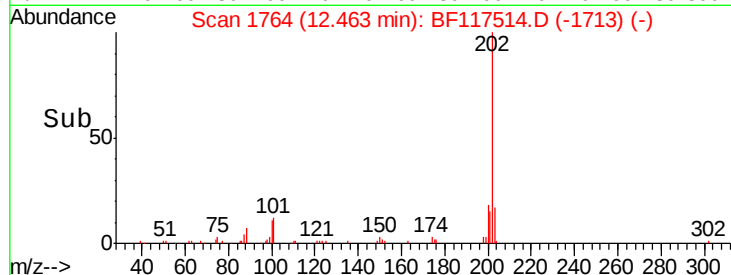
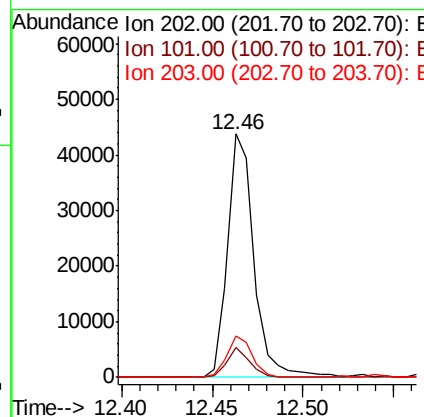
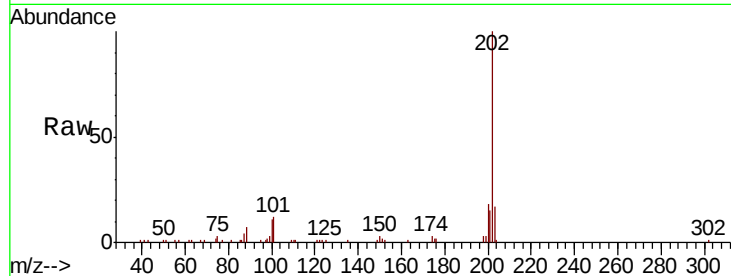
ClientSampleId :

802-00-(0-2)

Tot Ion:	202	Resp:	44390
Ion Ratio		Lower	Upper
202	100		
101	12.3	0.0	32.7
203	17.2	0.0	37.6

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#76

Chrysene-d12

Concen: 20.000 ng

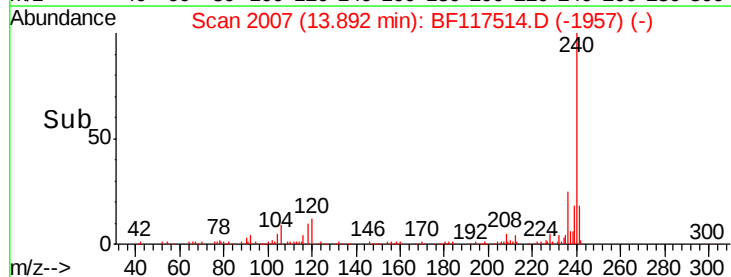
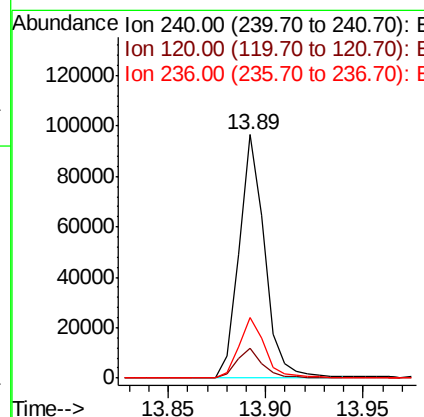
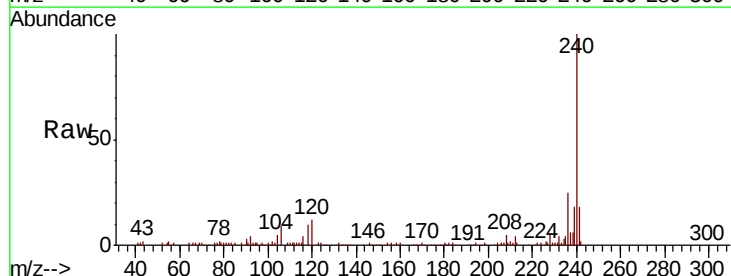
RT: 13.89 min Scan# 2007

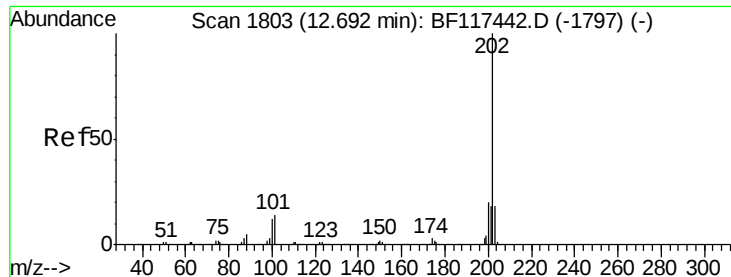
Delta R.T. -0.01 min

Lab File: BF117514.D

Acq: 24 Oct 2019 17:06

Tgt Ion:	240	Resp:	88305
Ion Ratio		Lower	Upper
240	100		
120	12.1	8.4	12.6
236	24.7	20.0	30.0





#78

Pvrene

Concen: 4.887 ng

RT: 12.69 min Scan# 1803

Delta R.T. 0.00 min

Lab File: BF117514.D

Acq: 24 Oct 2019 17:06

Instrument :

BNA_F

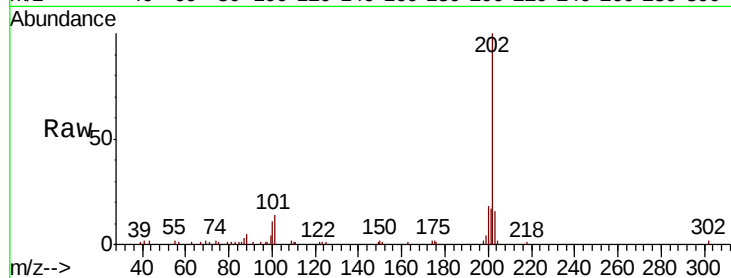
ClientSampleId :

802-00-(0-2)

Tot Ion:	202	Resp:	37065
Ion Ratio	Lower	Upper	
202	100		
200	18.0	16.2	24.2
203	16.1	14.0	21.0

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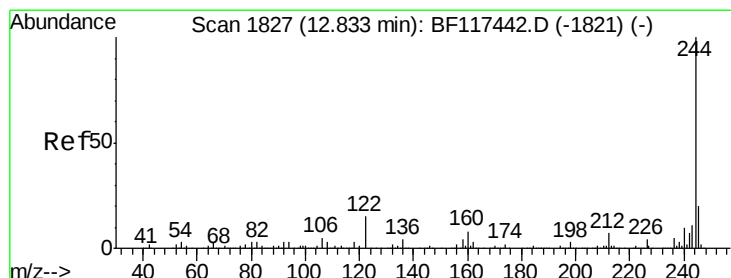
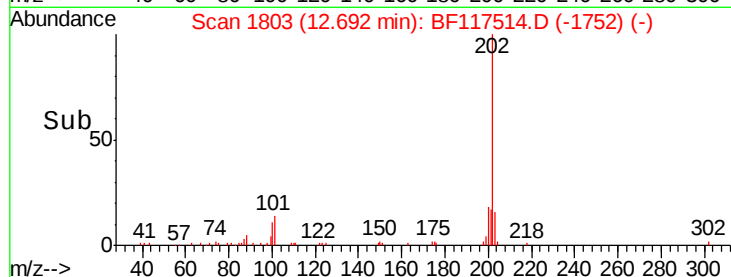
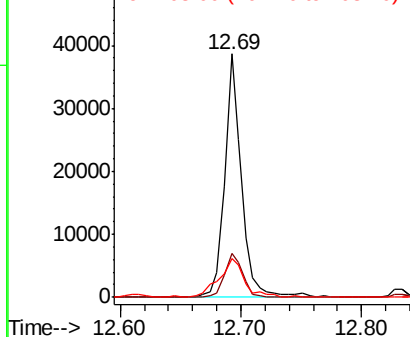


Abundance

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: 53.260 ng

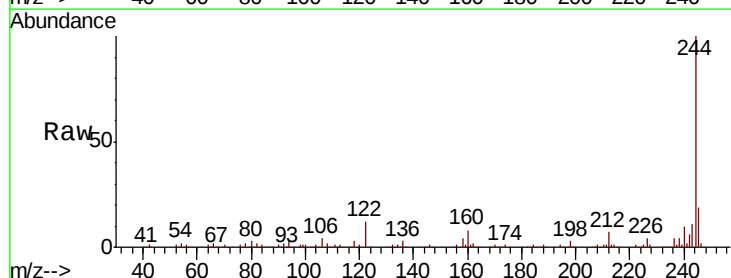
RT: 12.83 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF117514.D

Acq: 24 Oct 2019 17:06

Tgt Ion:	244	Resp:	288340
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.8	8.6
122	12.5	11.8	17.8

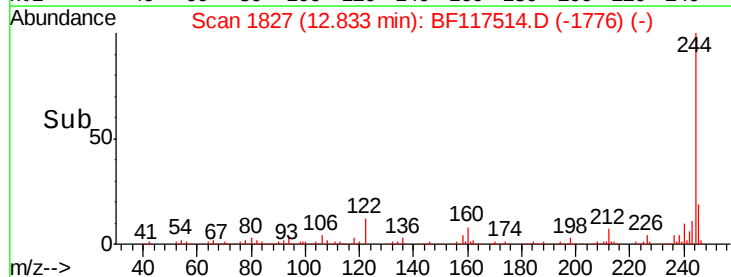
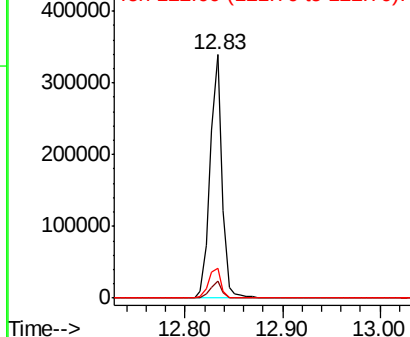


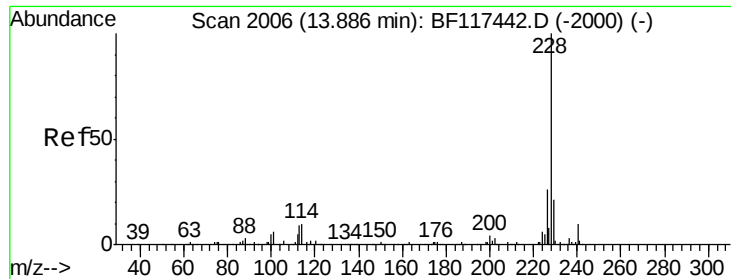
Abundance

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: 2.452 ng m

RT: 13.88 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF117514.D

Acq: 24 Oct 2019 17:06

Instrument :

BNA_F

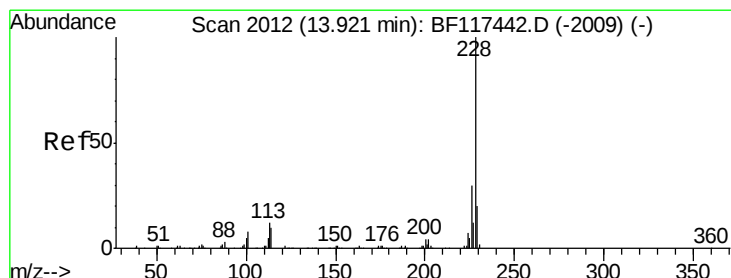
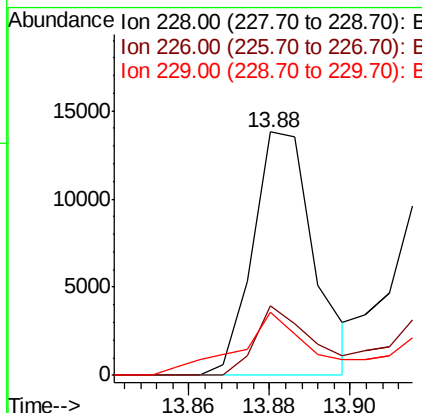
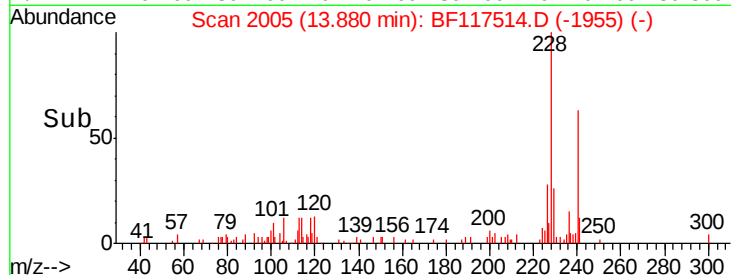
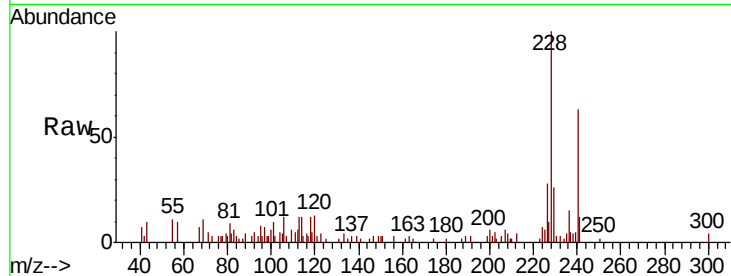
ClientSampleId :

802-00-(0-2)

Tot Ion:	228	Resp:	14604
Ion Ratio	Lower	Upper	
228	100		
226	28.3	21.0	31.4
229	26.1	16.4	24.6

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#83

Chrysene

Concen: 2.289 ng

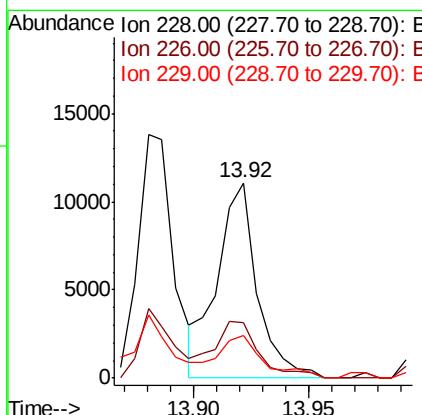
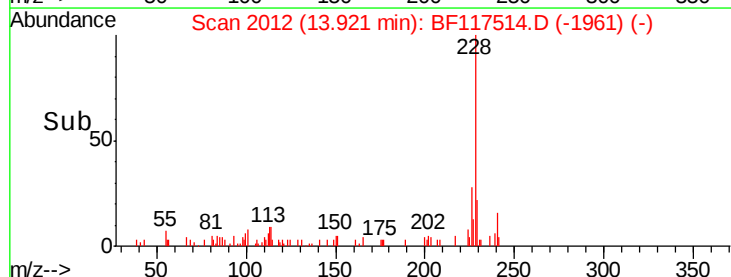
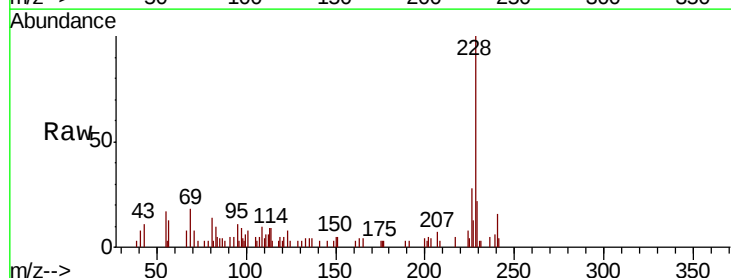
RT: 13.92 min Scan# 2012

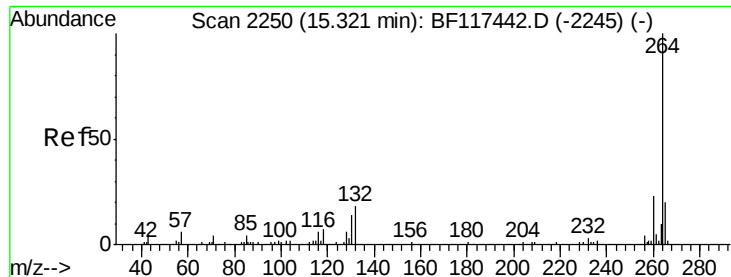
Delta R.T. 0.00 min

Lab File: BF117514.D

Acq: 24 Oct 2019 17:06

Tgt Ion:	228	Resp:	13364
Ion Ratio	Lower	Upper	
228	100		
226	28.4	23.9	35.9
229	21.7	15.8	23.6





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.33 min Scan# 2251

Delta R.T. 0.01 min

Lab File: BF117514.D

Acq: 24 Oct 2019 17:06

Instrument :

BNA_F

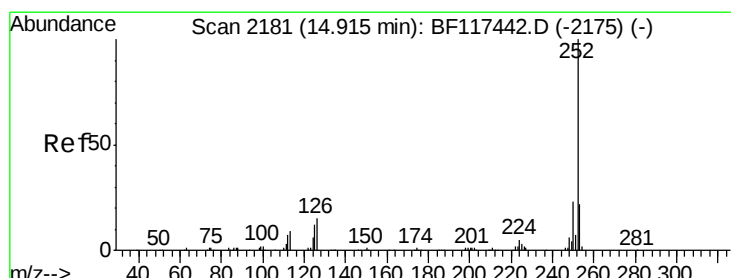
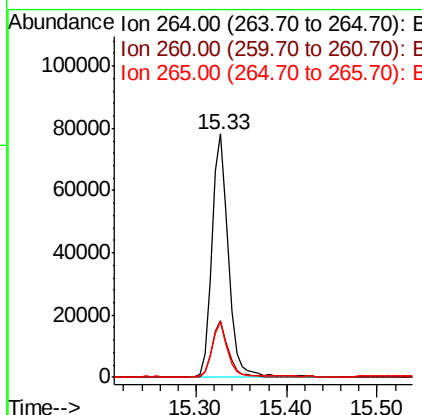
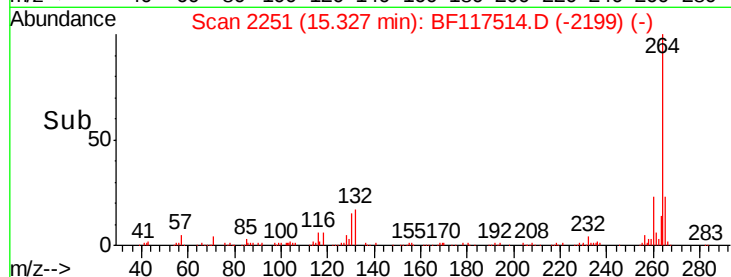
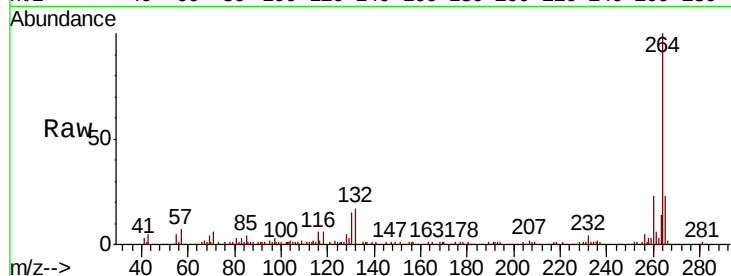
ClientSampled :

802-00-(0-2)

Tot Ion:	264	Resp:	99604
Ion Ratio	Lower	Upper	
264	100		
260	23.2	18.4	27.6
265	23.0	16.1	24.1

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#88

Benzo(b)fluoranthene

Concen: 2.849 ng m

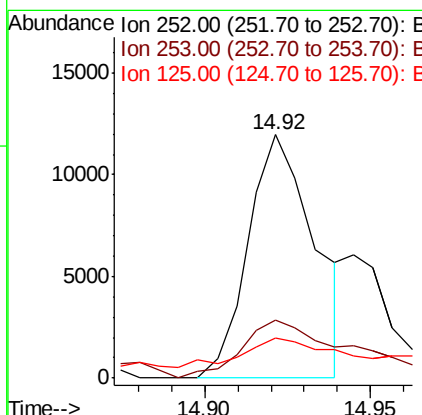
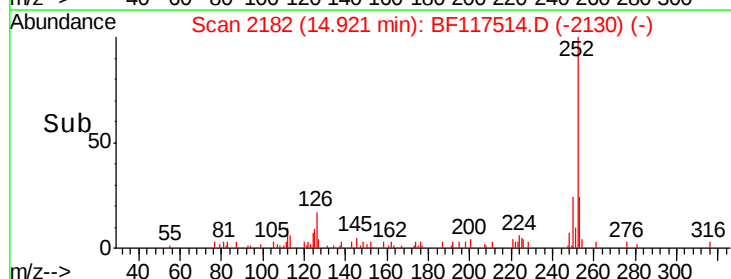
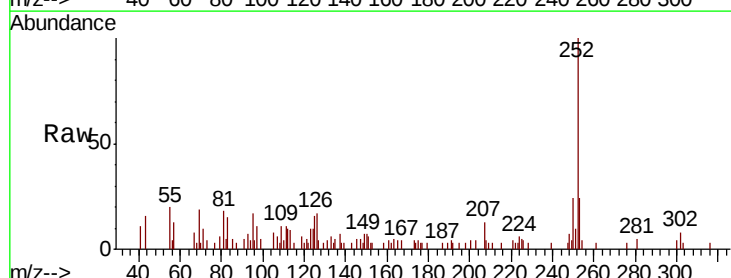
RT: 14.92 min Scan# 2182

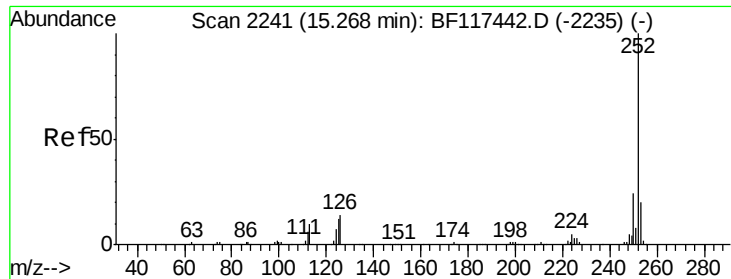
Delta R.T. 0.01 min

Lab File: BF117514.D

Acq: 24 Oct 2019 17:06

Tgt Ion:	252	Resp:	16758
Ion Ratio	Lower	Upper	
252	100		
253	23.9	17.8	26.6
125	16.2	9.9	14.9#





#90
 Benzo(a)pyrene
 Concen: 2.484 ng
 RT: 15.27 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: BF117514.D
 Acq: 24 Oct 2019 17:06

Instrument :
 BNA_F
 ClientSampleId :
 802-00-(0-2)

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.4	16.3	24.5#
125	18.4	9.2	13.8#

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