

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102419\
 Data File : BF117515.D
 Acq On : 24 Oct 2019 17:33
 Operator : JU
 Sample : K5499-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 197-16-(0-1)

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Quant Time: Oct 25 03:46:27 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	47652	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	192418	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	97578	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	151830	20.00	ng	0.00
76) Chrysene-d12	13.89	240	91100	20.00	ng	0.00
87) Perylene-d12	15.33	264	100936	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	268106	83.70	ng	0.00
7) Phenol-d6	6.38	99	371725	86.41	ng	0.00
23) Nitrobenzene-d5	7.30	82	222299	57.03	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	56328	66.72	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	282375	40.77	ng	0.00
79) Terphenyl-d14	12.83	244	184019	32.95	ng	0.00
Target Compounds						
10) Phenol	6.39	94	9189	2.093	ng	85
50) Dimethylphthalate	9.48	163	54827	7.882	ng	99
75) Fluoranthene	12.46	202	23777	2.694	ng	99
78) Pyrene	12.69	202	21574	2.757	ng	97
88) Benzo(b)fluoranthene	14.93	252	13725m	2.303	ng	

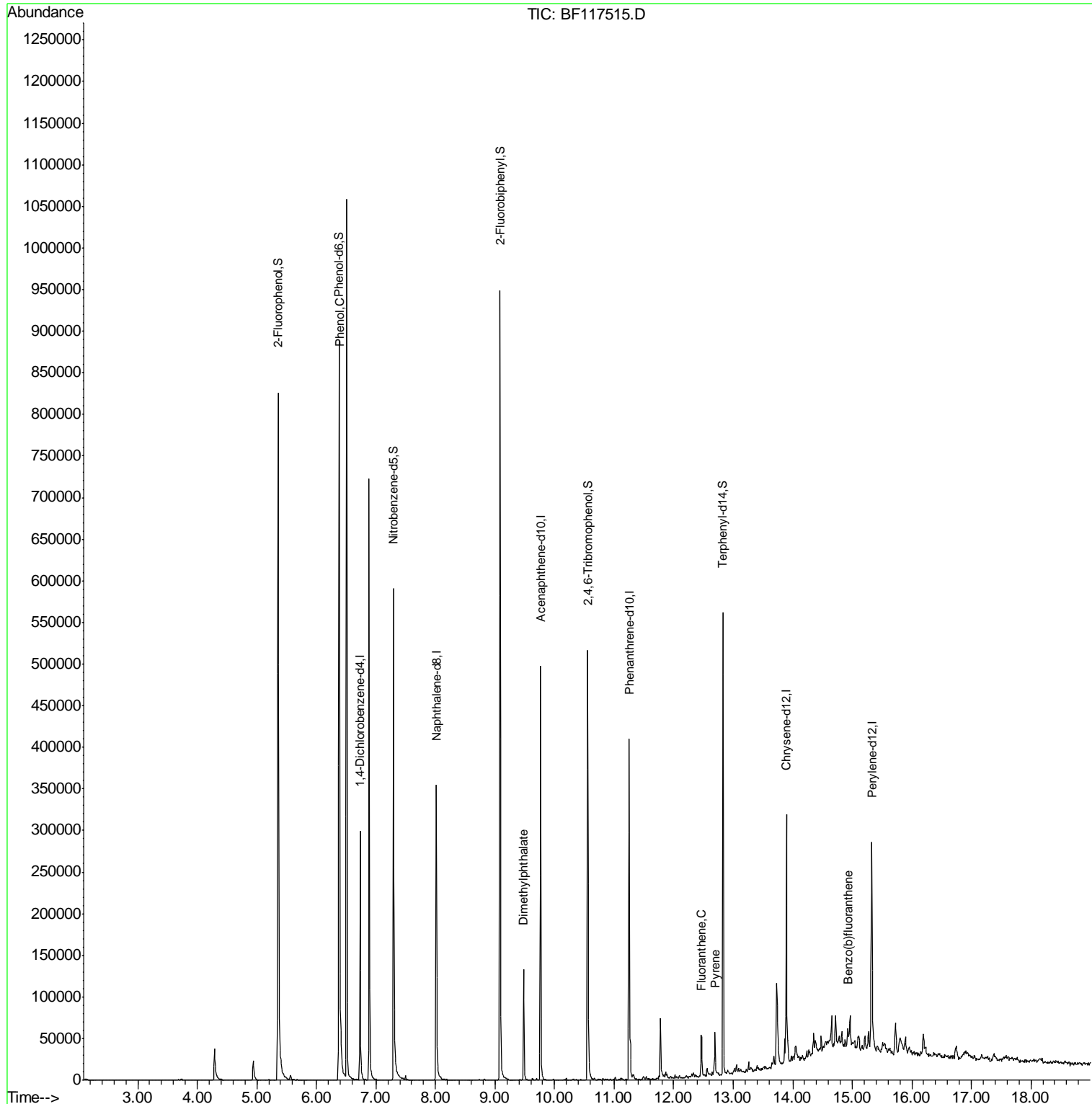
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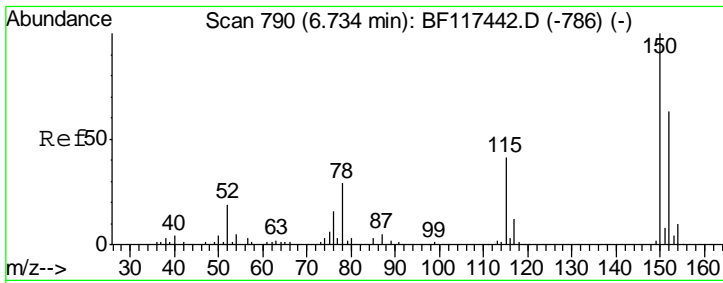
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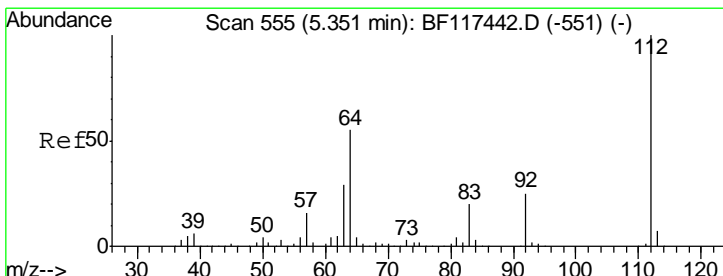
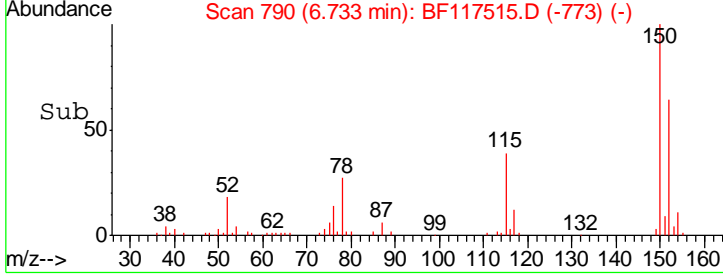
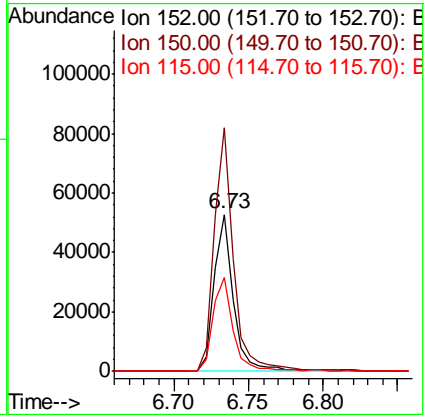
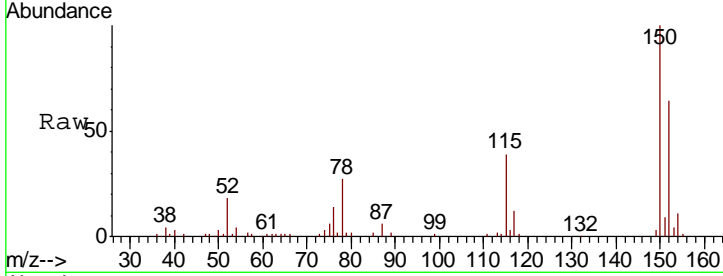
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 790
 Delta R.T. -0.00 min
 Lab File: BF117515.D
 Acq: 24 Oct 2019 17:33

Instrument :
 BNA_F
ClientSampled :
 197-16-(0-1)

Tgt Ion	Resp	Lower	Upper
152	47652		
152	100		
150	155.2	126.8	190.2
115	60.1	51.6	77.4

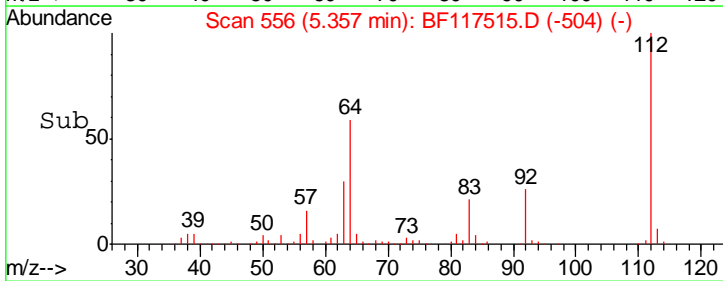
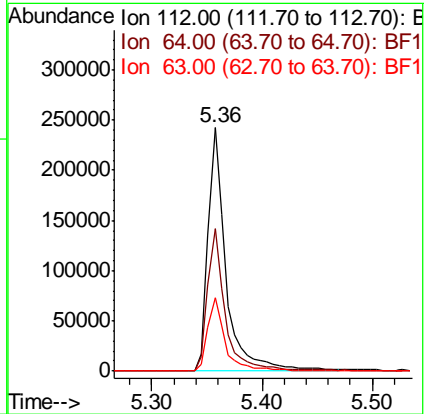
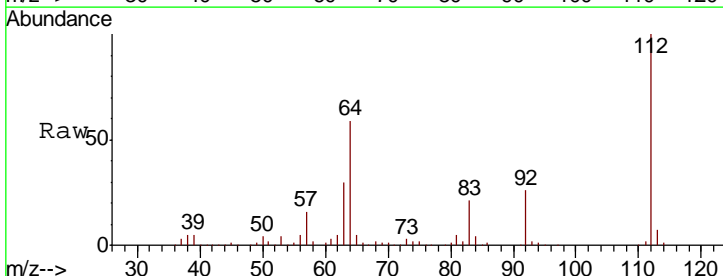
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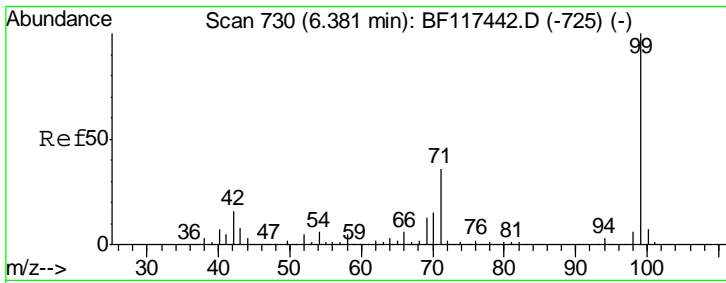
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#5
 2-Fluorophenol
 Concen: 83.703 ng
 RT: 5.36 min Scan# 556
 Delta R.T. 0.01 min
 Lab File: BF117515.D
 Acq: 24 Oct 2019 17:33

Tgt Ion	Resp	Lower	Upper
112	268106		
112	100		
64	58.6	44.1	66.1
63	30.1	23.4	35.2





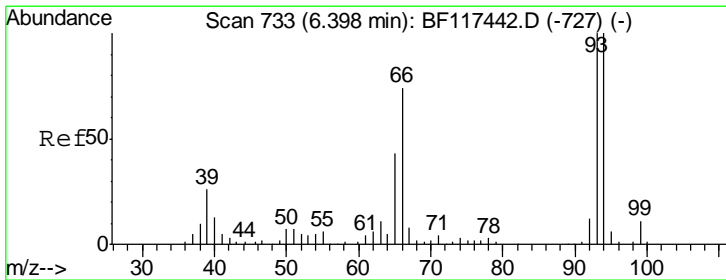
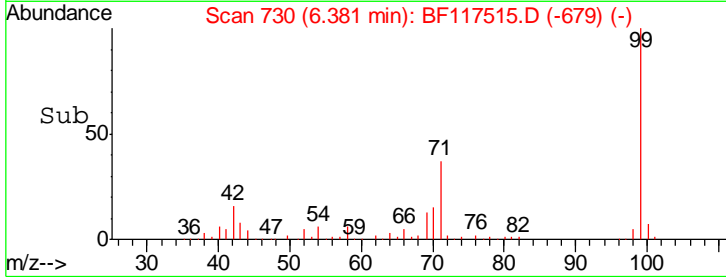
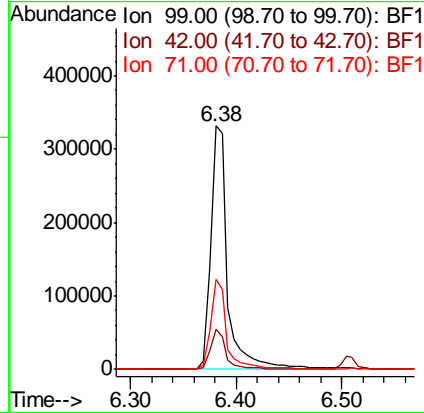
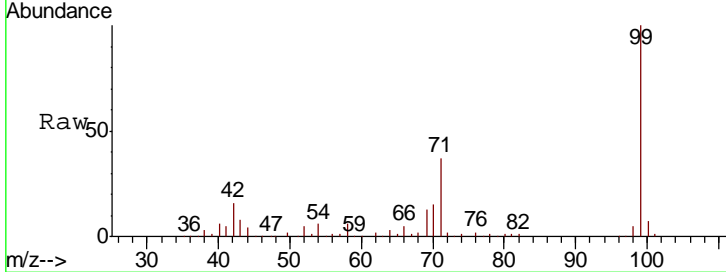
#7
 Phenol-d6
 Concen: 86.406 ng
 RT: 6.38 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: BF117515.D
 Acq: 24 Oct 2019 17:33

Instrument :
 BNA_F
ClientSampled :
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Tgt Ion	Resp	Lower	Upper
99	371725		
99	100		
42	16.2	12.8	19.2
71	37.2	28.6	43.0

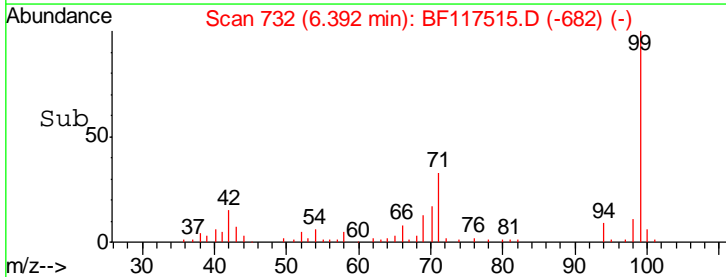
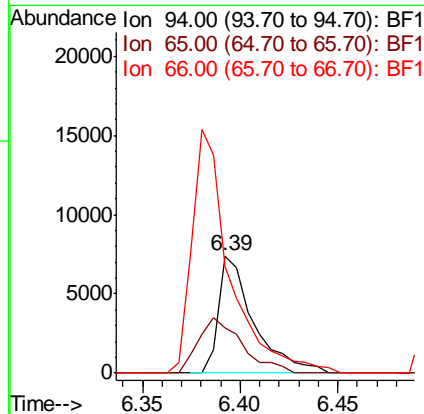
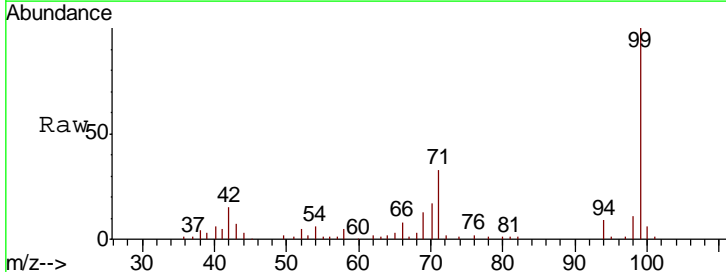
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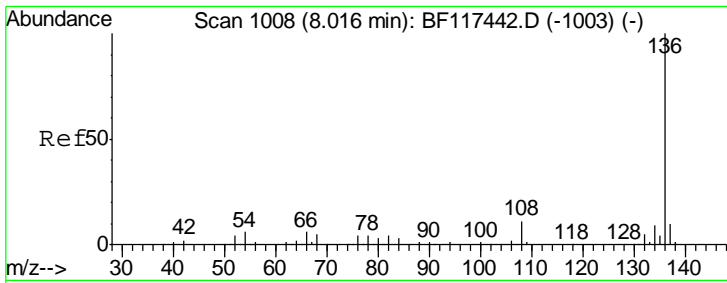
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#10
 Phenol
 Concen: 2.093 ng
 RT: 6.39 min Scan# 732
 Delta R.T. -0.01 min
 Lab File: BF117515.D
 Acq: 24 Oct 2019 17:33

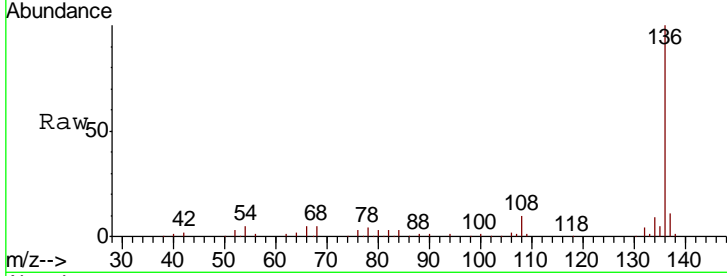
Tgt Ion	Resp	Lower	Upper
94	9189		
94	100		
65	39.1	23.4	63.4
66	91.5	54.7	94.7





#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. -0.00 min
 Lab File: BF117515.D
 Acq: 24 Oct 2019 17:33

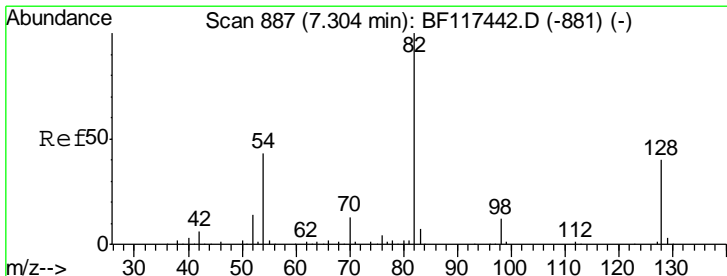
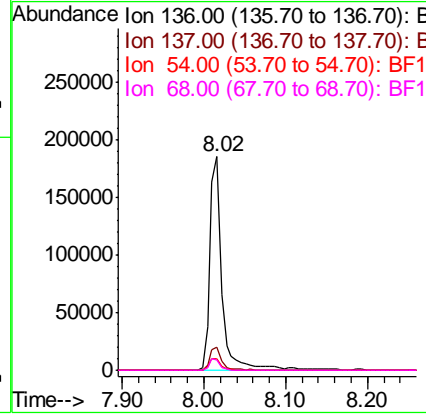
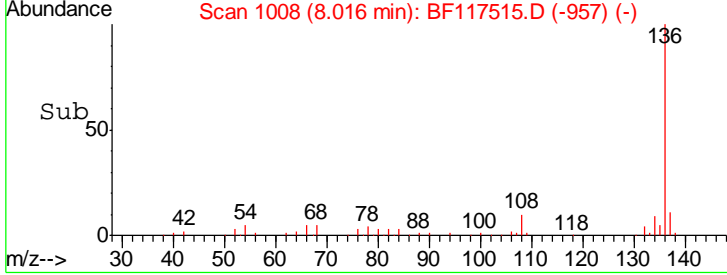
Instrument :
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ClientSampled :
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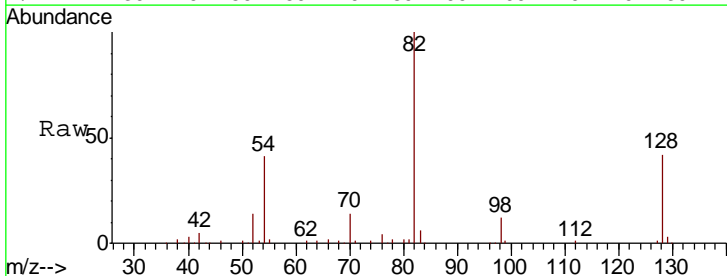
Tgt Ion: 136 Resp: 192418

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.2	12.4
54	5.3	4.5	6.7
68	5.0	4.3	6.5

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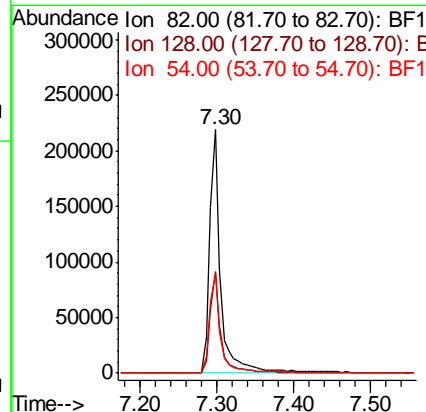
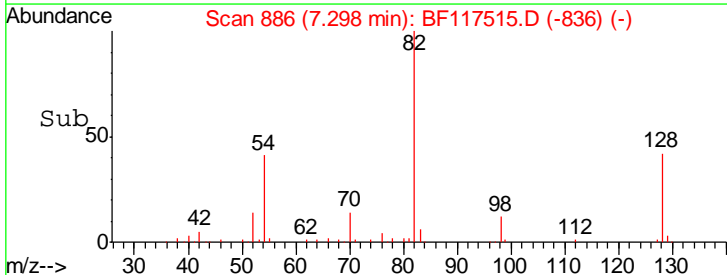


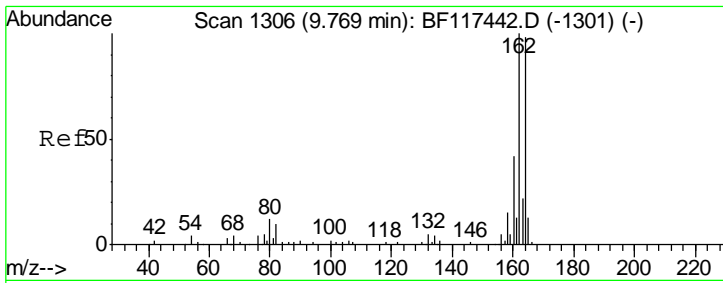
#23
 Nitrobenzene-d5
 Concen: 57.034 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF117515.D
 Acq: 24 Oct 2019 17:33



Tgt Ion: 82 Resp: 222299

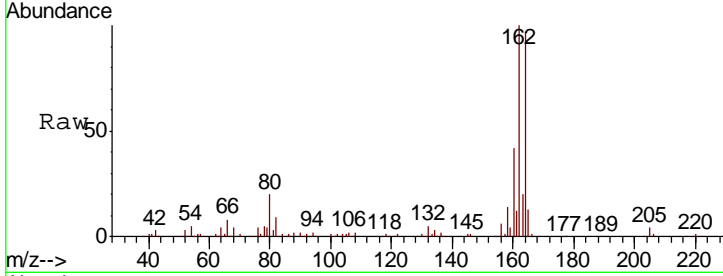
Ion	Ratio	Lower	Upper
82	100		
128	41.6	32.2	48.2
54	41.2	34.2	51.2





#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF117515.D
 Acq: 24 Oct 2019 17:33

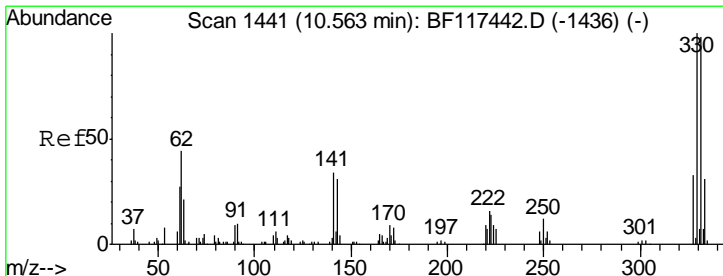
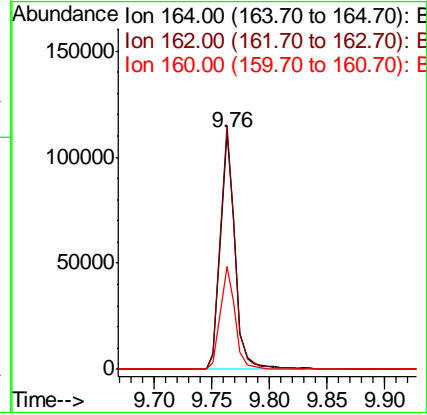
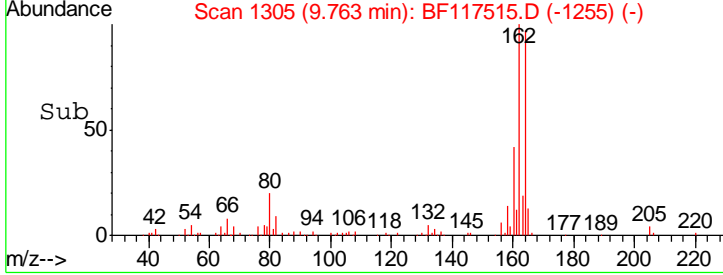
Instrument :
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ClientSampled :
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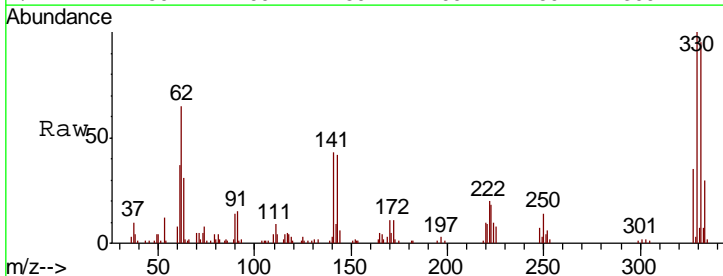
Tgt Ion	Resp	Lower	Upper
164	100		
162	102.8	81.8	122.6
160	43.3	34.4	51.6

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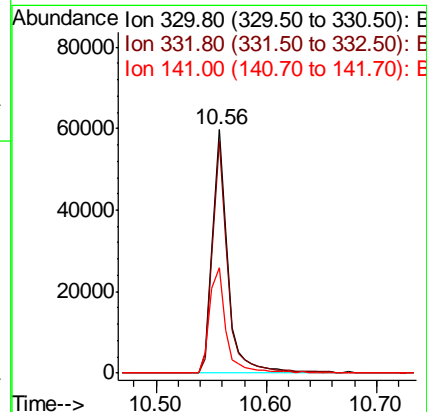
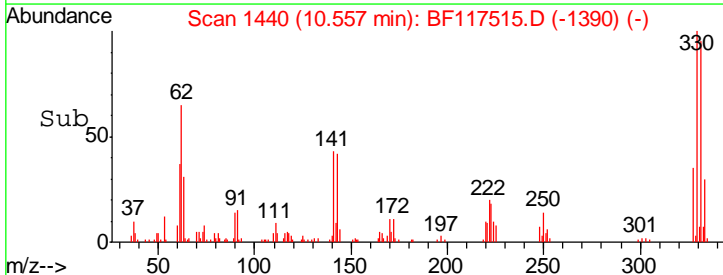
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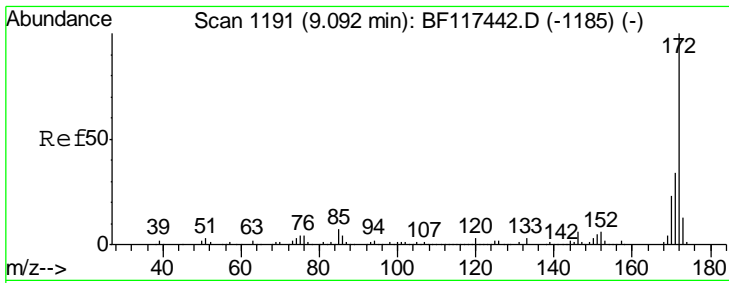


#42
 2,4,6-Tribromophenol
 Concen: 66.716 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF117515.D
 Acq: 24 Oct 2019 17:33



Tgt Ion	Resp	Lower	Upper
330	100		
332	94.7	78.5	117.7
141	46.0	37.0	55.6





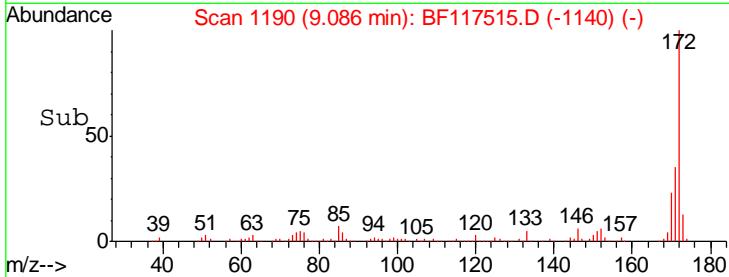
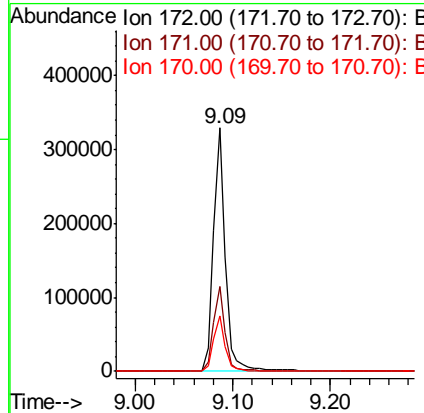
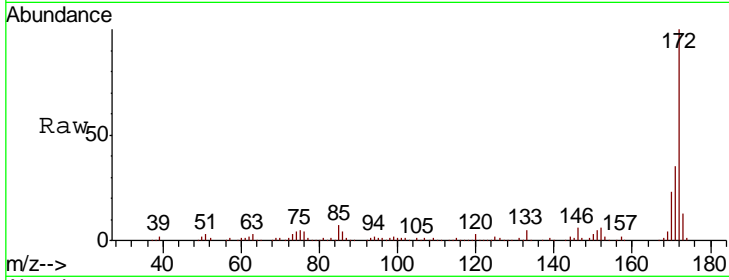
#45
 2-Fluorobiphenyl
 Concen: 40.774 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF117515.D
 Acq: 24 Oct 2019 17:33

Instrument :
 BNA_F
ClientSampled :
 197-16-(0-1)

Tgt Ion	Resp	Lower	Upper
172	100		
171	35.0	27.5	41.3
170	22.7	18.6	27.8

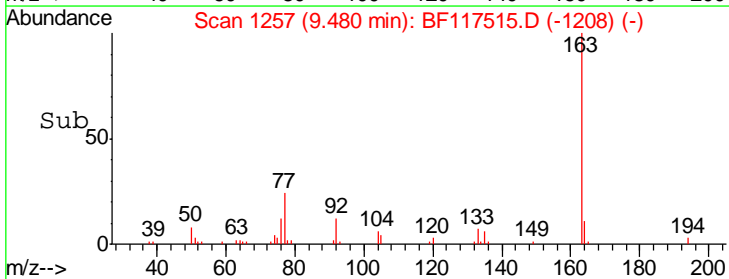
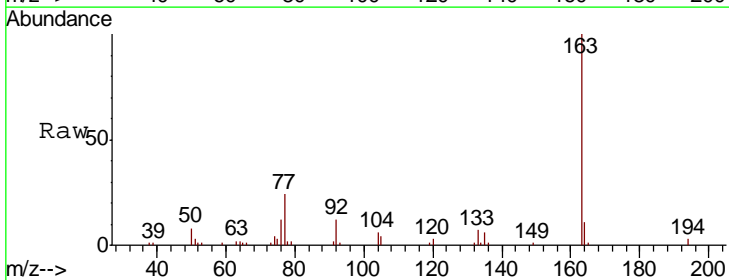
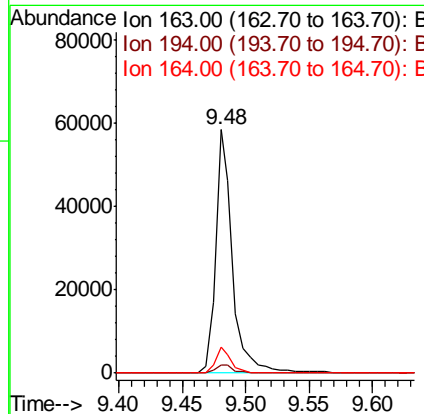
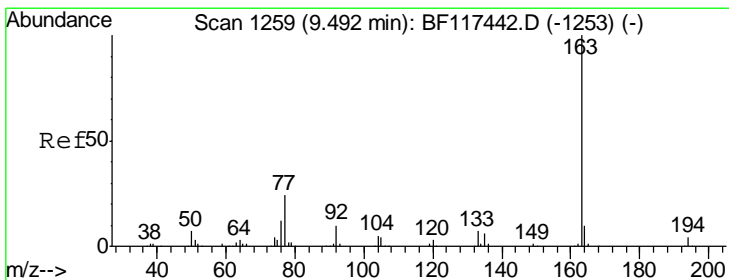
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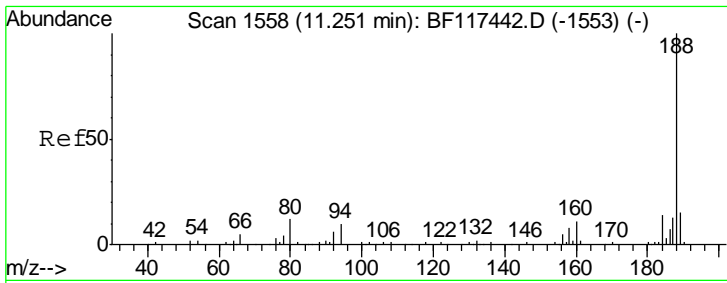
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#50
 Dimethylphthalate
 Concen: 7.882 ng
 RT: 9.48 min Scan# 1257
 Delta R.T. -0.01 min
 Lab File: BF117515.D
 Acq: 24 Oct 2019 17:33

Tgt Ion	Resp	Lower	Upper
163	100		
194	3.4	2.9	4.3
164	10.5	8.2	12.2



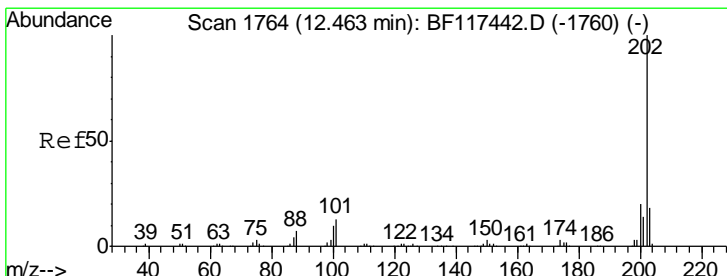
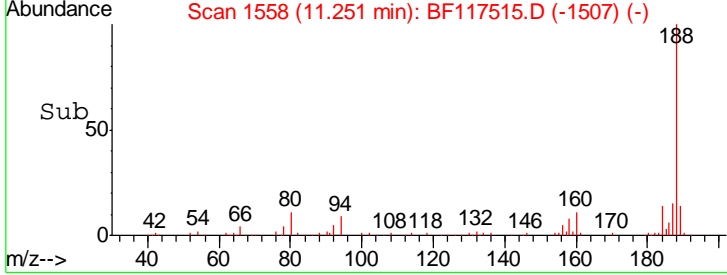
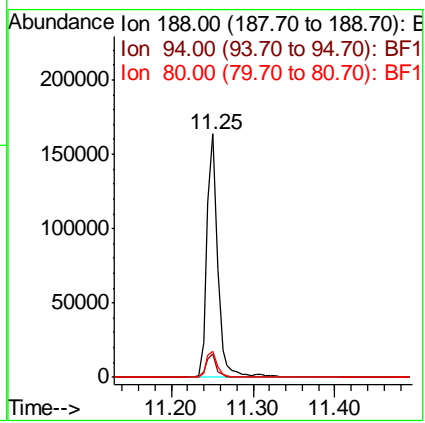
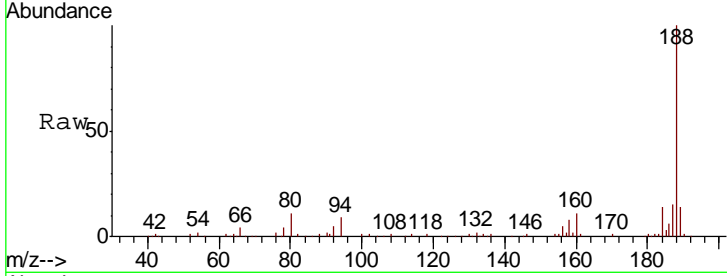


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. -0.00 min
 Lab File: BF117515.D
 Acq: 24 Oct 2019 17:33

Instrument :
 BNA_F
ClientSampled :
 197-16-(0-1)

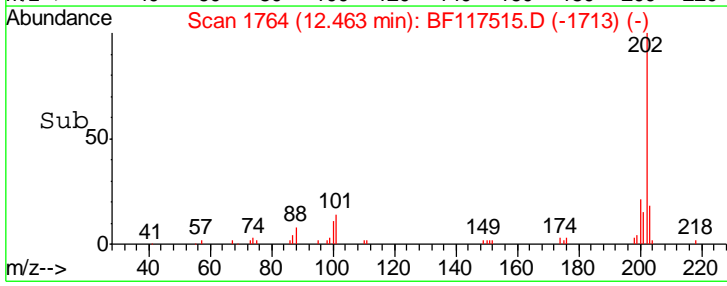
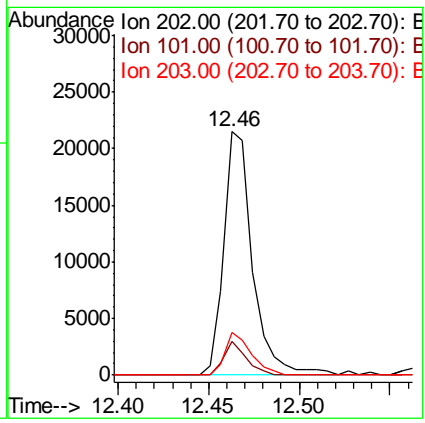
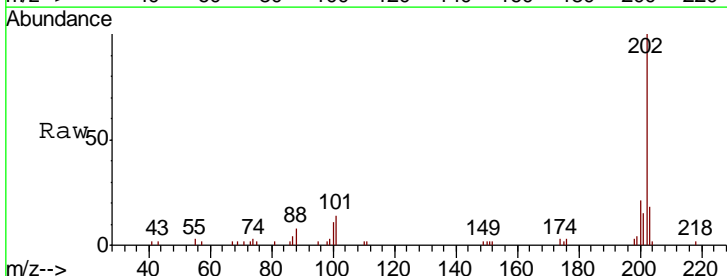
Tgt Ion	Resp	Lower	Upper
188	151830		
94	9.4	8.0	12.0
80	10.5	9.5	14.3

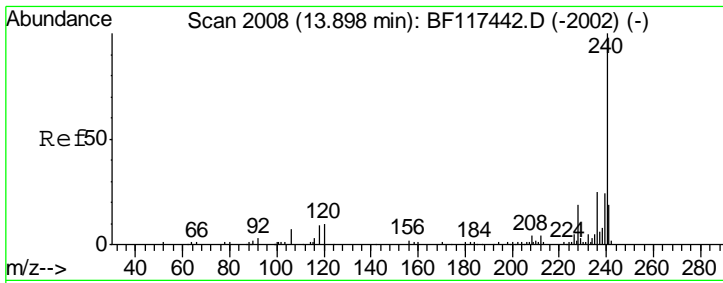
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#75
 Fluoranthene
 Concen: 2.694 ng
 RT: 12.46 min Scan# 1764
 Delta R.T. -0.00 min
 Lab File: BF117515.D
 Acq: 24 Oct 2019 17:33

Tgt Ion	Resp	Lower	Upper
202	23777		
101	13.6	0.0	32.7
203	17.7	0.0	37.6



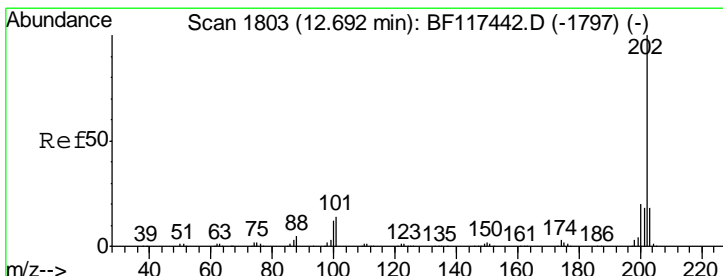
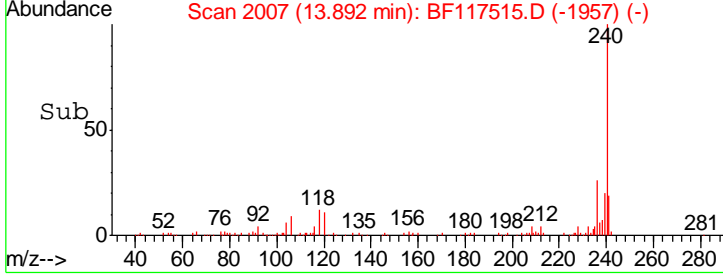
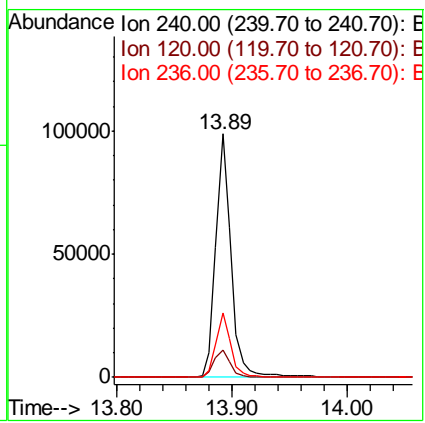
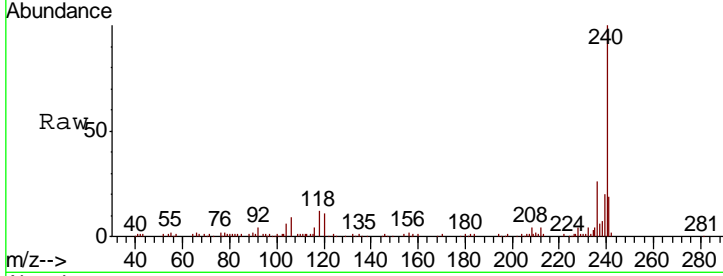


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF117515.D
 Acq: 24 Oct 2019 17:33

Instrument :
 BNA_F
ClientSampled :
 197-16-(0-1)

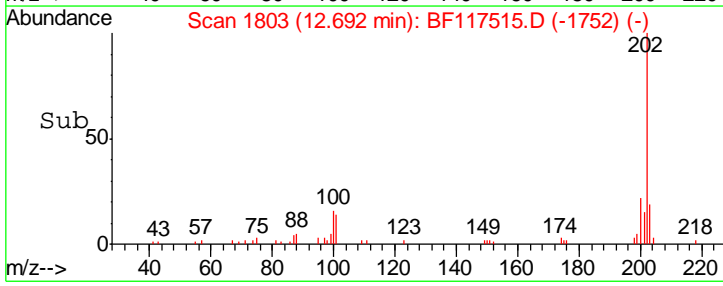
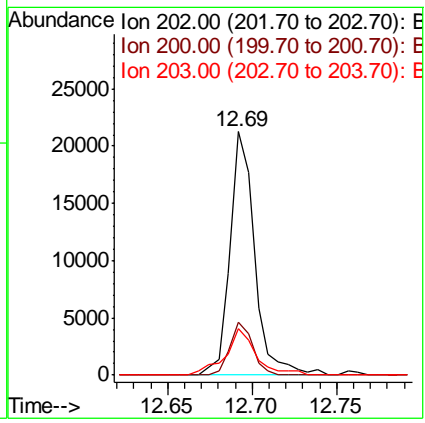
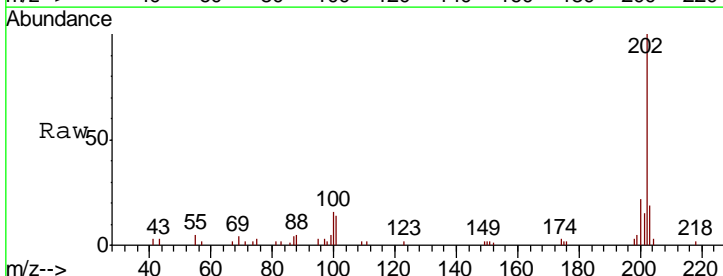
Tgt Ion	Resp	Lower	Upper
240	91100		
120	11.2	8.4	12.6
236	26.3	20.0	30.0

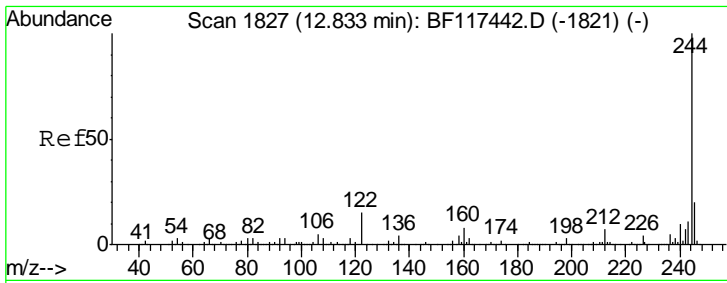
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#78
 Pyrene
 Concen: 2.757 ng
 RT: 12.69 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: BF117515.D
 Acq: 24 Oct 2019 17:33

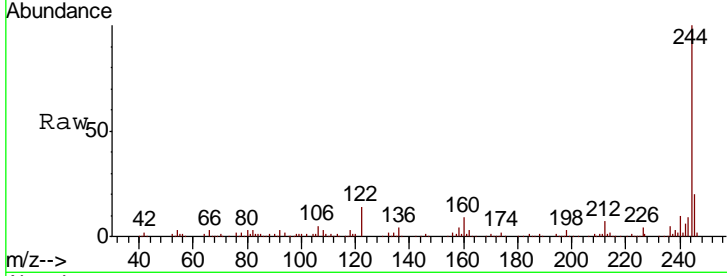
Tgt Ion	Resp	Lower	Upper
202	21574		
200	21.6	16.2	24.2
203	18.8	14.0	21.0





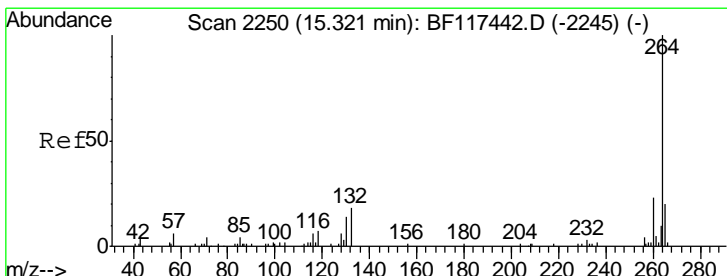
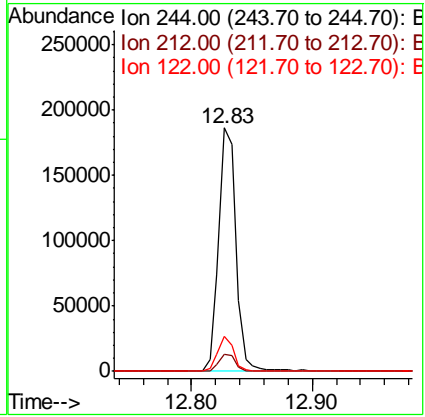
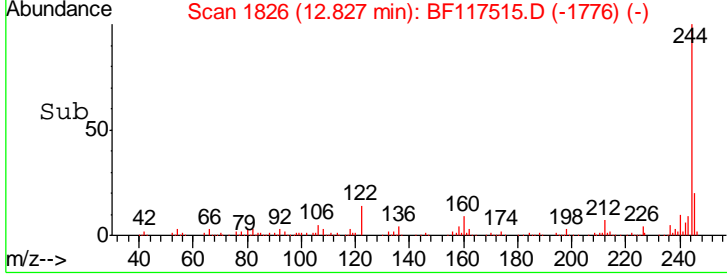
#79
 Terphenyl-d14
 Concen: 32.948 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF117515.D
 Acq: 24 Oct 2019 17:33

Instrument :
 BNA_F
ClientSampled :
 197-16-(0-1)

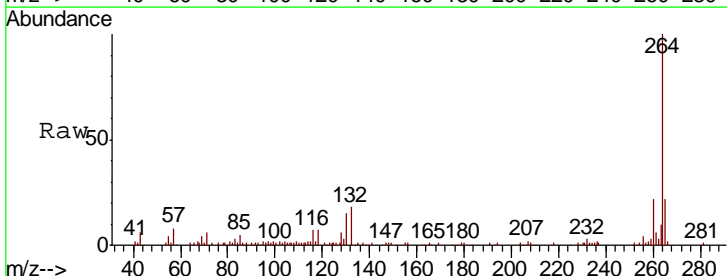


Tgt Ion	Resp	Lower	Upper
244	100		
212	6.9	5.8	8.6
122	14.4	11.8	17.8

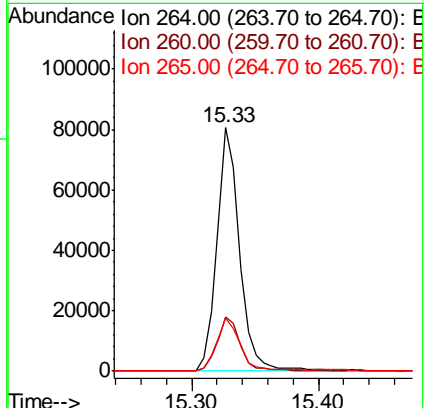
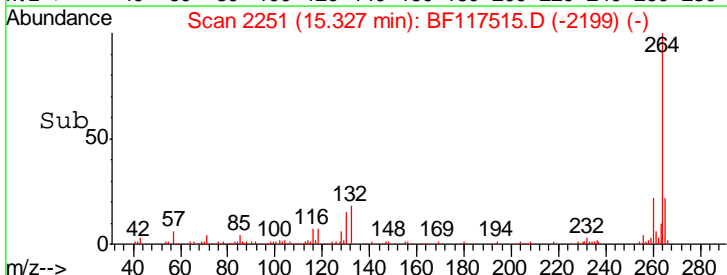
Manual Integrations
APPROVED
 mohammad
 10/26/2019 10:02:51 AM

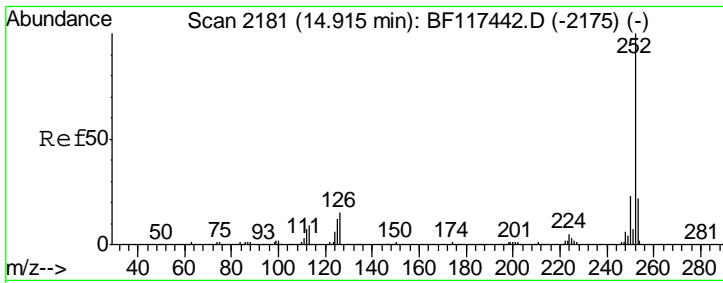


#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.33 min Scan# 2251
 Delta R.T. 0.01 min
 Lab File: BF117515.D
 Acq: 24 Oct 2019 17:33



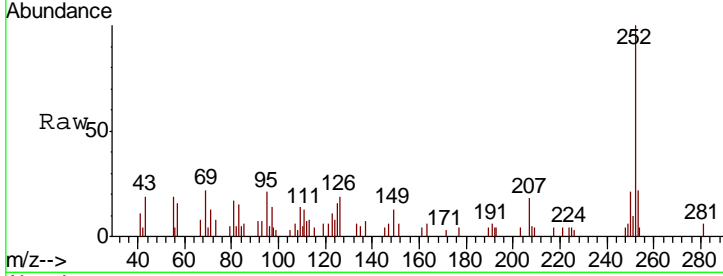
Tgt Ion	Resp	Lower	Upper
264	100		
260	22.3	18.4	27.6
265	22.0	16.1	24.1





#88
 Benzo(b)fluoranthene
 Concen: 2.303 ng m
 RT: 14.93 min Scan# 2183
 Delta R.T. 0.01 min
 Lab File: BF117515.D
 Acq: 24 Oct 2019 17:33

Instrument :
 BNA_F
ClientSampled :
 197-16-(0-1)



Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.6
125	16.4	9.9	14.9#

Manual Integrations
APPROVED
 mohammad
 10/26/2019 10:02:51 AM

