

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102419\
 Data File : BF117524.D
 Acq On : 24 Oct 2019 21:32
 Operator : JU
 Sample : K5499-13 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 707-58-(0-1)

Manual Integrations
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mohammad
 10/26/2019 10:03:17 AM

Quant Time: Oct 25 04:33:59 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	50091	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	204353	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	93937	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	134225	20.00	ng	0.00
76) Chrysene-d12	13.90	240	98633	20.00	ng	0.00
87) Perylene-d12	15.33	264	78950	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	118345	35.15	ng	0.00
7) Phenol-d6	6.39	99	168711	37.31	ng	0.00
23) Nitrobenzene-d5	7.30	82	96511	23.32	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	24770	30.48	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	173116	25.97	ng	0.00
79) Terphenyl-d14	12.83	244	130445	21.57	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.49	163	20251	3.024	ng	Qvalue 100
71) Phenanthrene	11.27	178	19632	2.519	ng	99
75) Fluoranthene	12.47	202	38357	4.916	ng	98
78) Pyrene	12.70	202	32873	3.880	ng	99
81) Benzo(a)anthracene	13.89	228	16868	2.535	ng	98
83) Chrysene	13.92	228	15092	2.315	ng	94
88) Benzo(b)fluoranthene	14.92	252	17851m	3.829	ng	
90) Benzo(a)pyrene	15.27	252	10845	2.559	ng	# 86

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

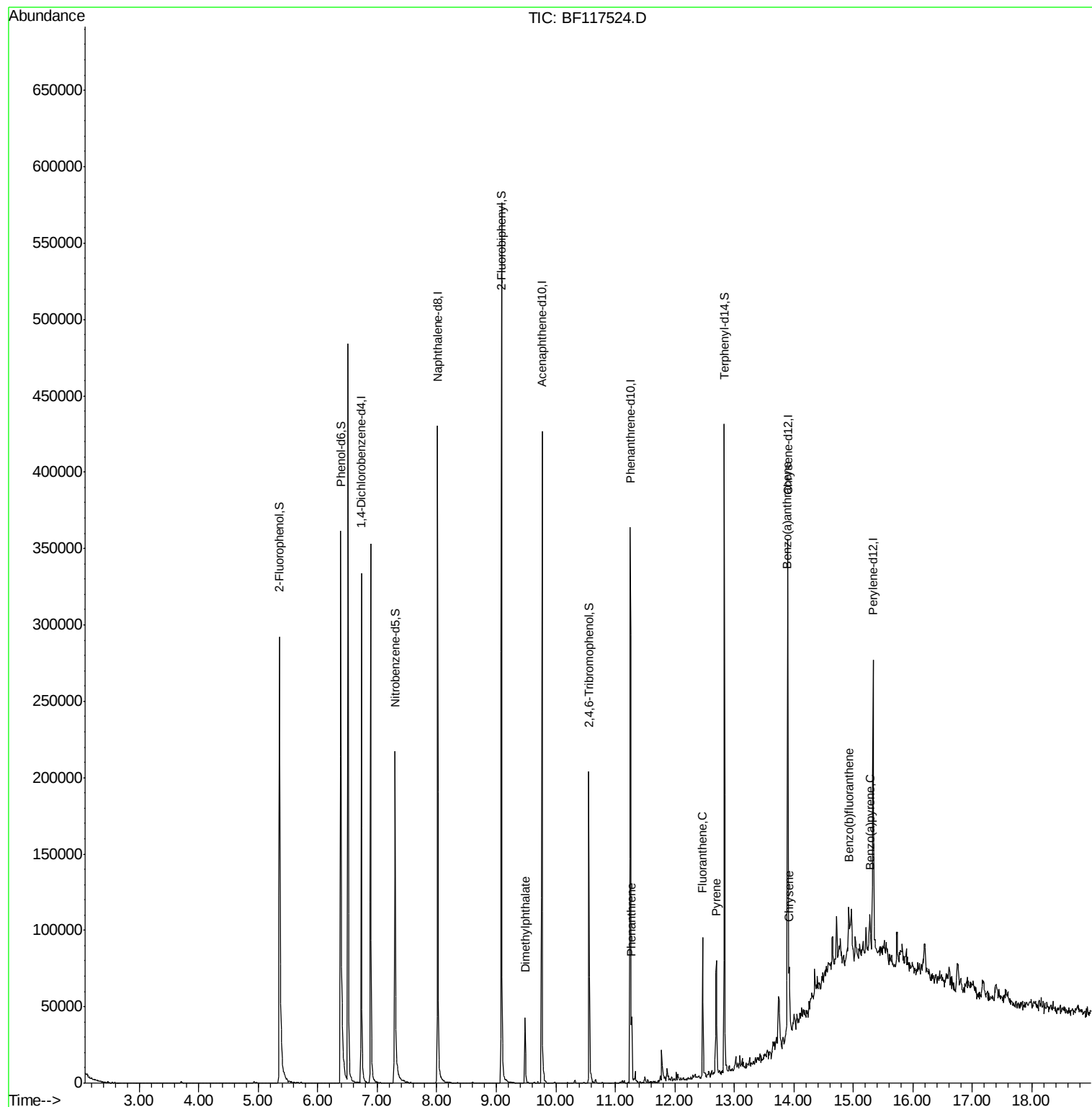
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102419\
Data File : BF117524.D
Acq On : 24 Oct 2019 21:32
Operator : JU
Sample : K5499-13 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

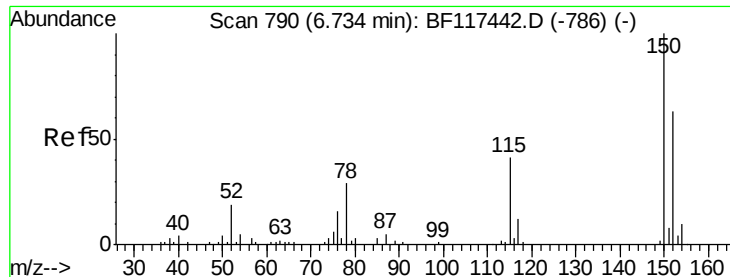
Instrument :
BNA_F
ClientSampleId :
707-58-(0-1)

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Quant Time: Oct 25 04:33:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

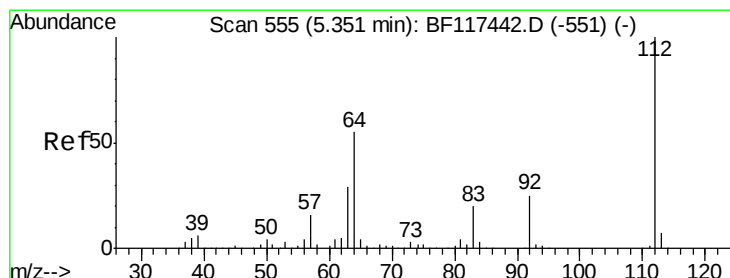
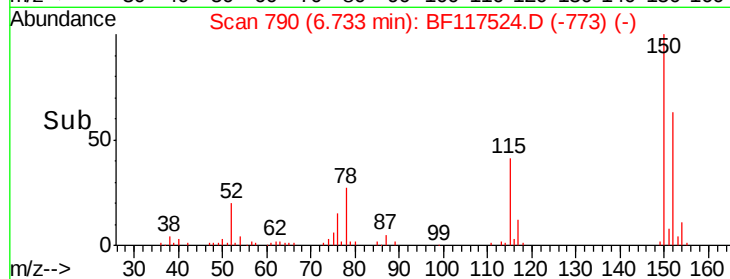
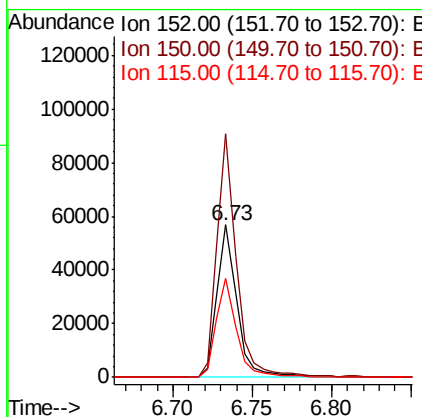
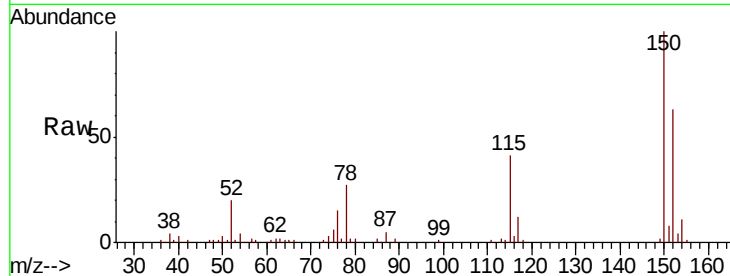
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF117524.D
Acq: 24 Oct 2019 21:32

Instrument :
BNA_F
ClientSampleId :
707-58-(0-1)

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.5	126.8	190.2
115	64.8	51.6	77.4

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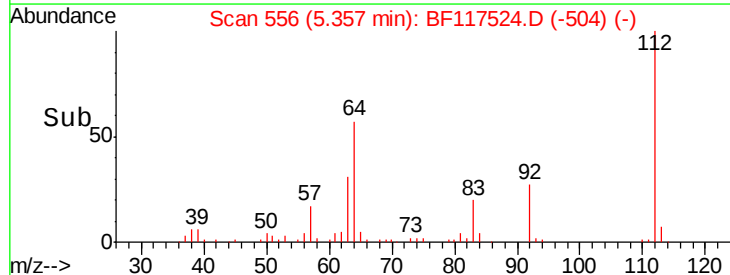
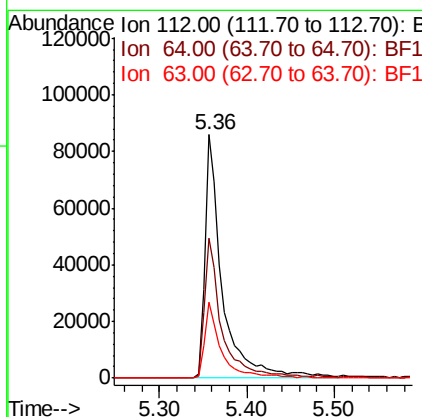
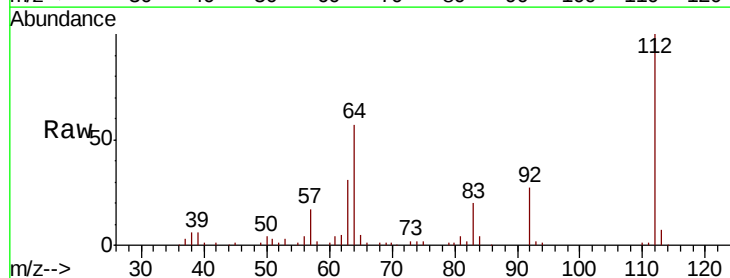
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#5

2-Fluorophenol
Concen: 35.148 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF117524.D
Acq: 24 Oct 2019 21:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.4	44.1	66.1
63	31.1	23.4	35.2





#7

Phenol-d6

Concen: 37.307 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF117524.D

Acq: 24 Oct 2019 21:32

Instrument :

BNA_F

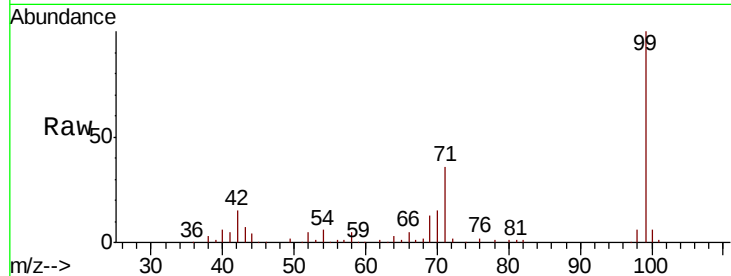
ClientSampleId :

707-58-(0-1)

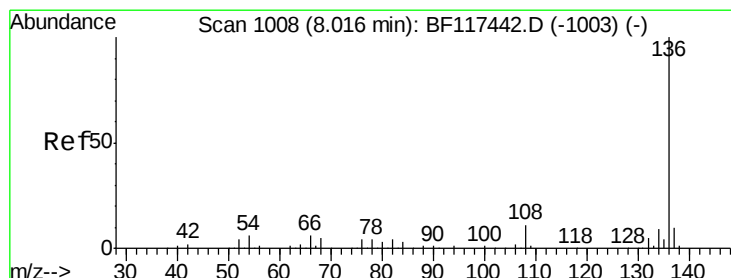
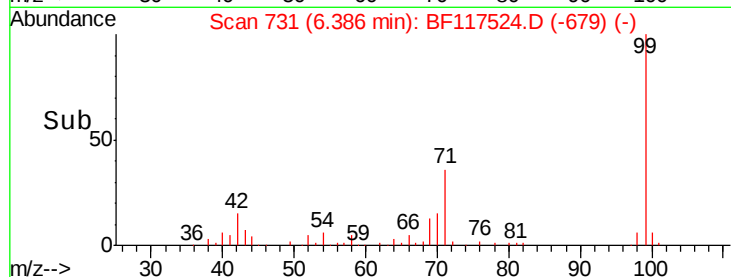
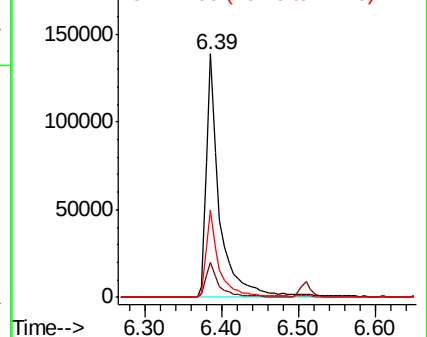
Tot Ion:	99	Resp:	168711
Ion Ratio	Lower	Upper	
99	100		
42	14.6	12.8	19.2
71	35.9	28.6	43.0

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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1008

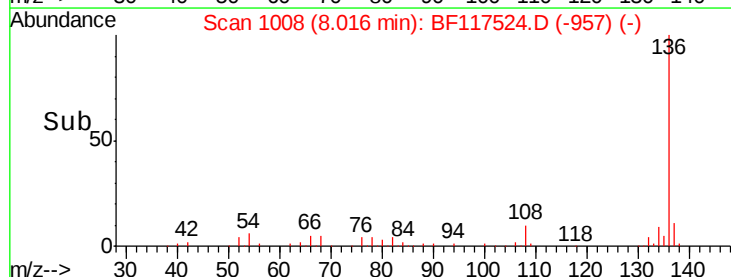
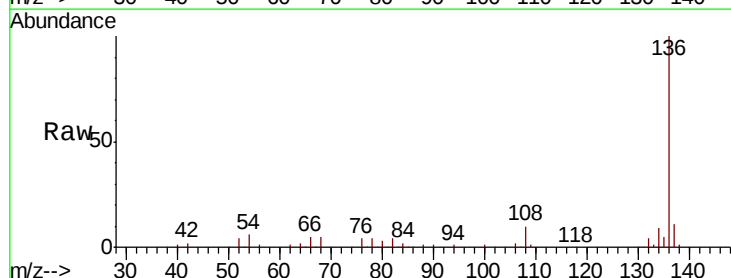
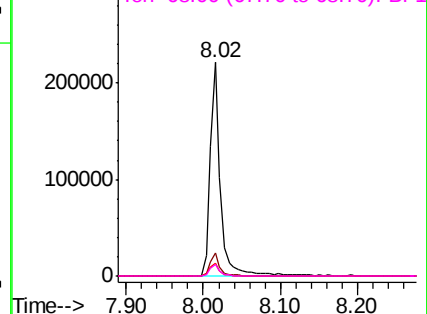
Delta R.T. -0.00 min

Lab File: BF117524.D

Acq: 24 Oct 2019 21:32

Tgt Ion:	136	Resp:	204353
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.2	12.4
54	6.0	4.5	6.7
68	5.2	4.3	6.5

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1





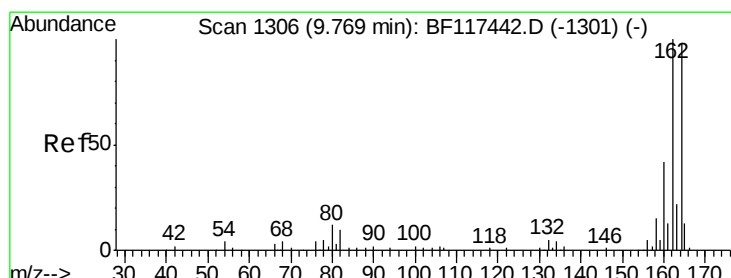
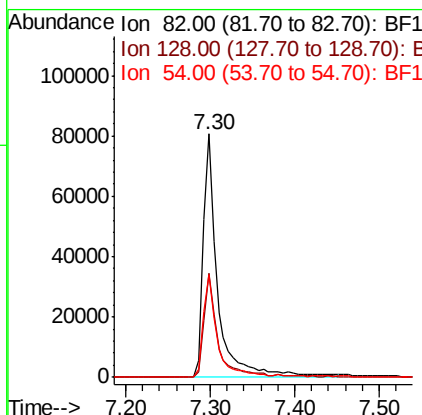
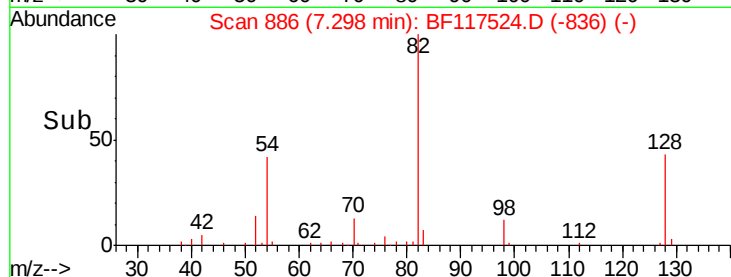
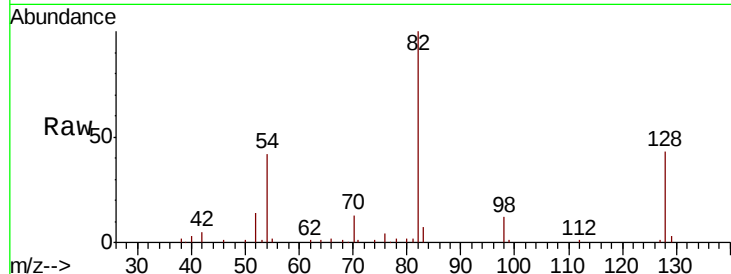
#23
 Nitrobenzene-d5
 Concen: 23.315 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF117524.D
 Acq: 24 Oct 2019 21:32

Instrument :
 BNA_F
 ClientSampleId :
 707-58-(0-1)

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.6	32.2	48.2
54	42.2	34.2	51.2

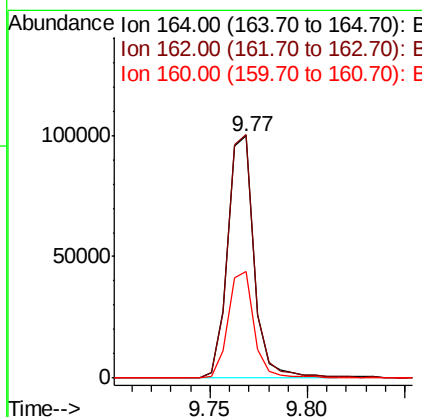
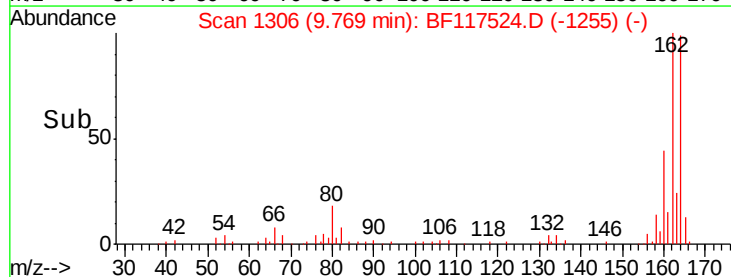
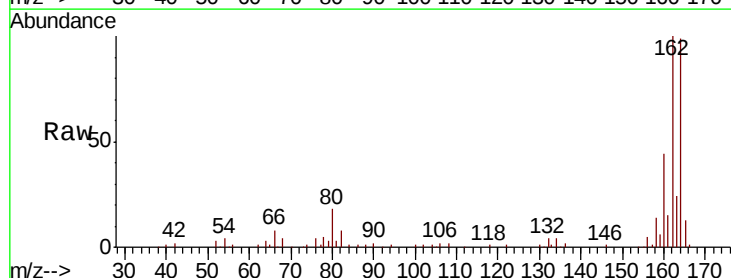
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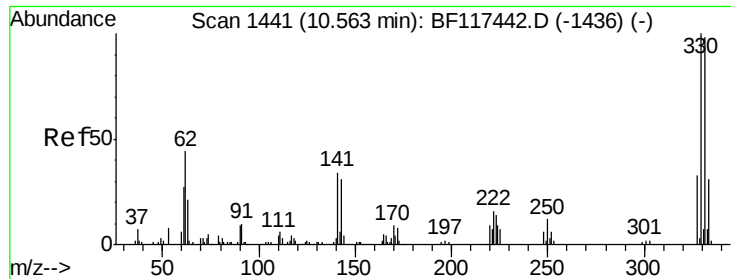
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.00 min
 Lab File: BF117524.D
 Acq: 24 Oct 2019 21:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.7	81.8	122.6
160	43.9	34.4	51.6





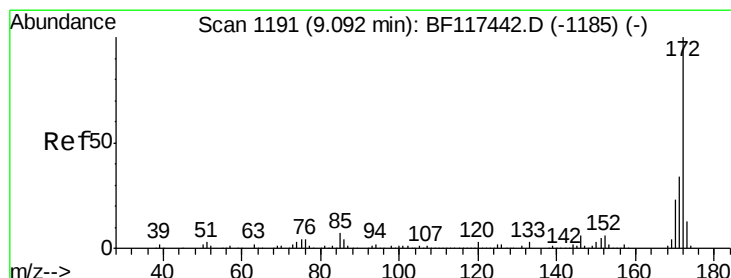
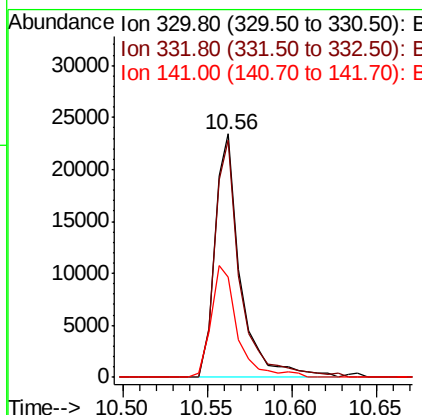
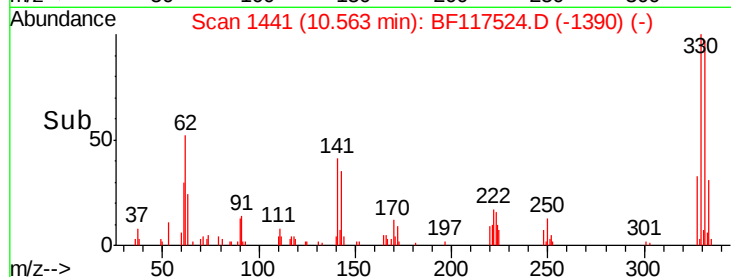
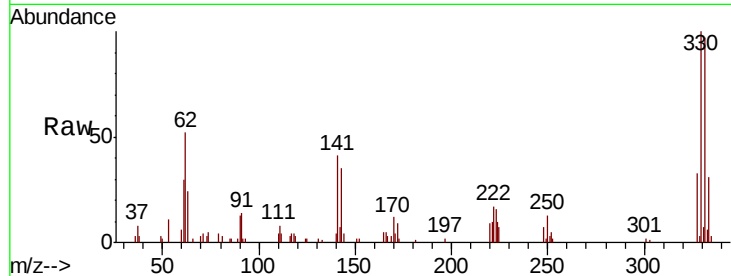
#42
 2,4,6-Tribromophenol
 Concen: 30.475 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.00 min
 Lab File: BF117524.D
 Acq: 24 Oct 2019 21:32

Instrument :
 BNA_F
 ClientSampleId :
 707-58-(0-1)

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	78.5	117.7
141	47.4	37.0	55.6

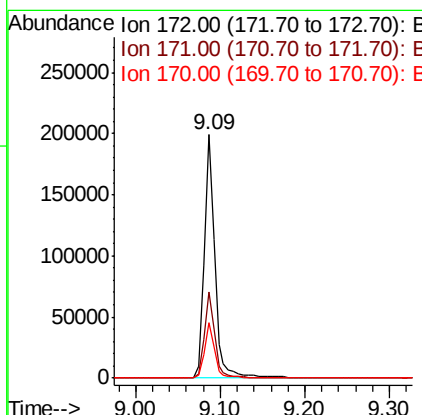
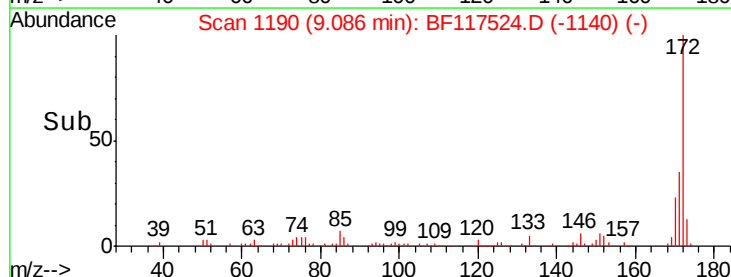
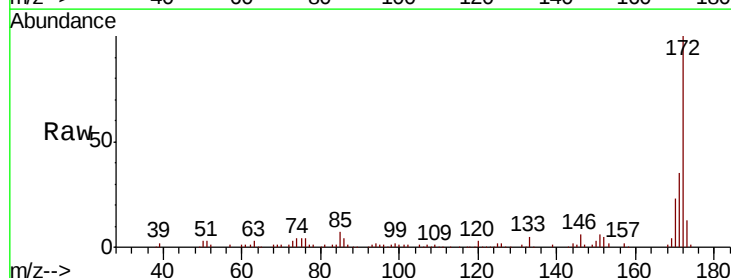
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#45
 2-Fluorobiphenyl
 Concen: 25.966 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF117524.D
 Acq: 24 Oct 2019 21:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.5	41.3
170	22.9	18.6	27.8





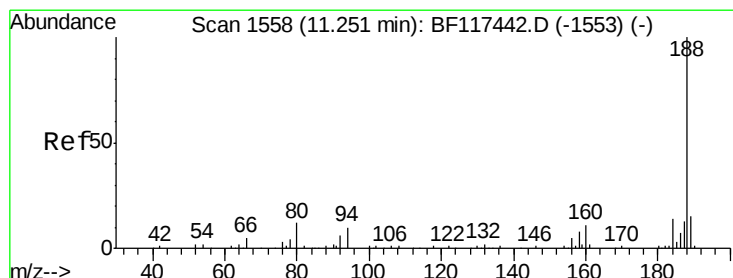
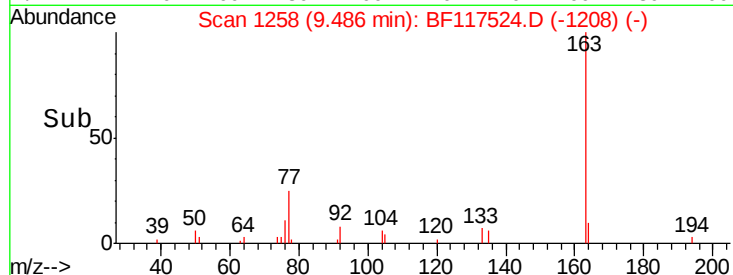
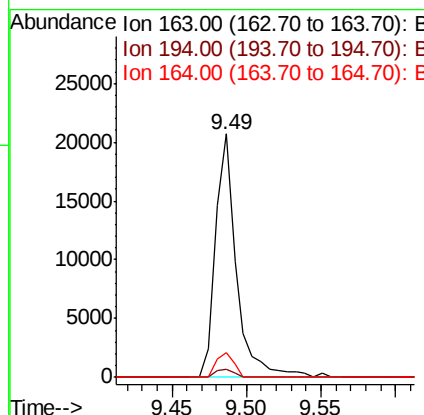
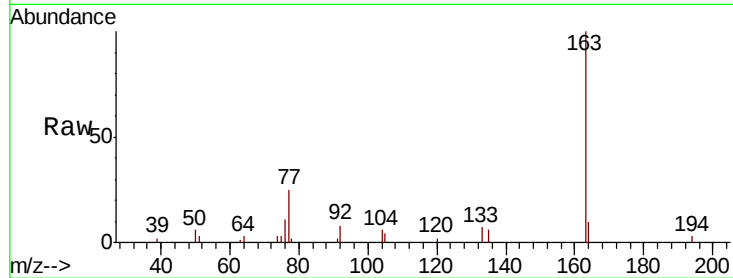
#50
Dimethylphthalate
Concen: 3.024 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF117524.D
Acq: 24 Oct 2019 21:32

Instrument :
BNA_F
ClientSampled :
707-58-(0-1)

Tot Ion	Ratio	Resp	Lower	Upper
163	100	20251		
194	3.4		2.9	4.3
164	10.3		8.2	12.2

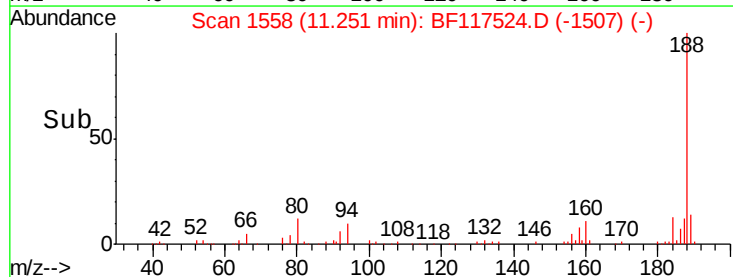
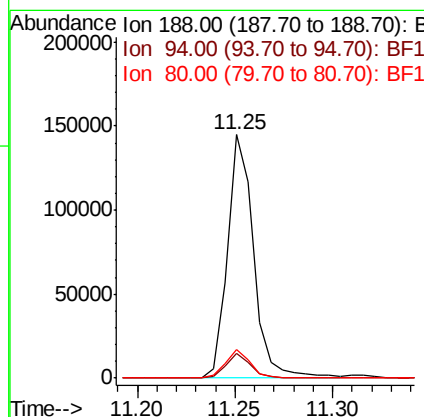
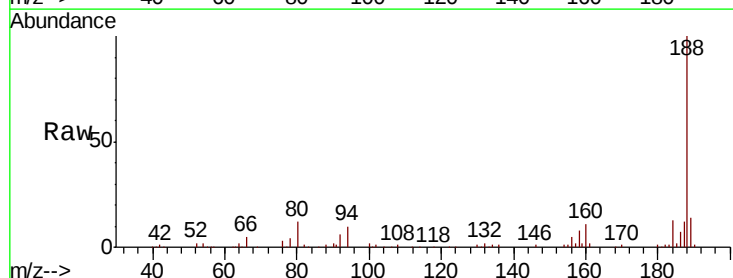
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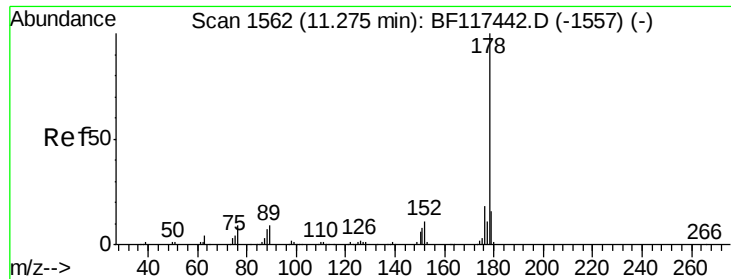
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF117524.D
Acq: 24 Oct 2019 21:32

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	134225		
94	10.2		8.0	12.0
80	11.7		9.5	14.3





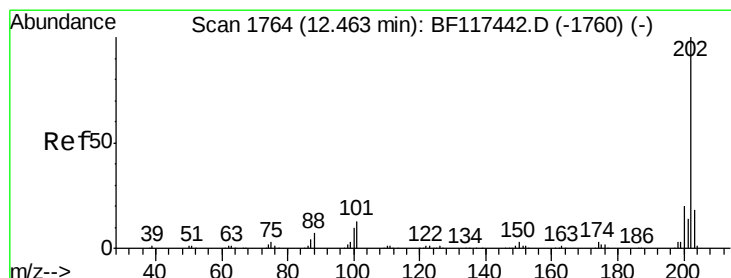
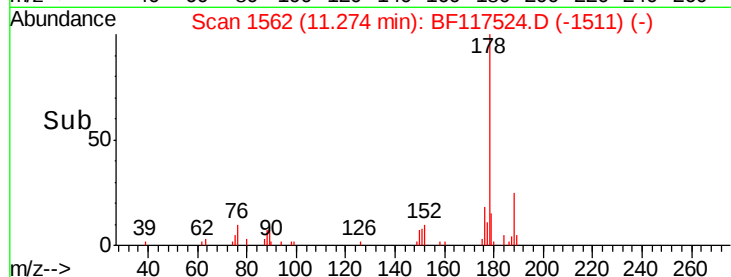
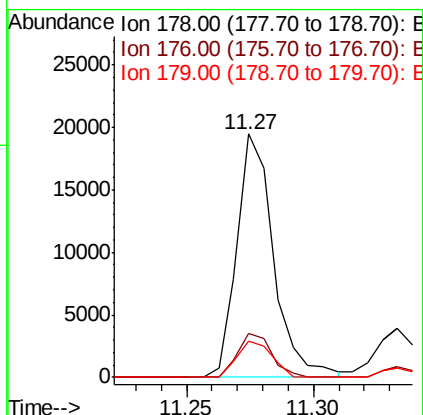
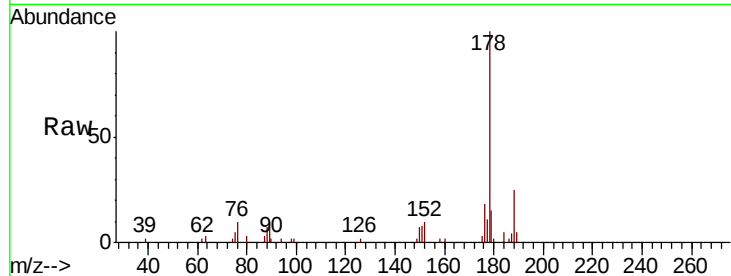
#71
Phenanthrene
Concen: 2.519 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BF117524.D
Acq: 24 Oct 2019 21:32

Instrument :
BNA_F
ClientSampleId :
707-58-(0-1)

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	22.0
179	14.9	12.6	19.0

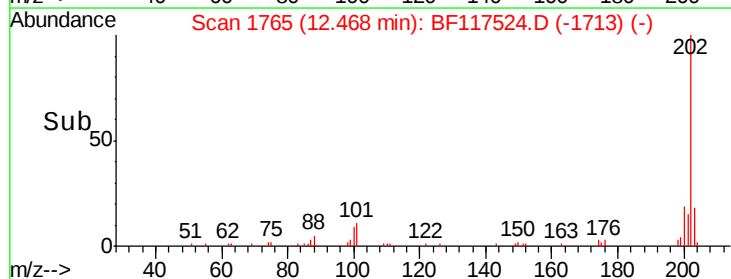
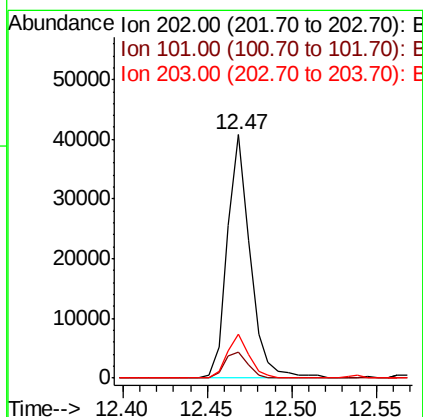
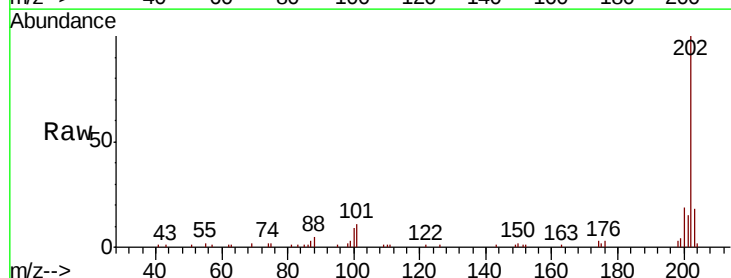
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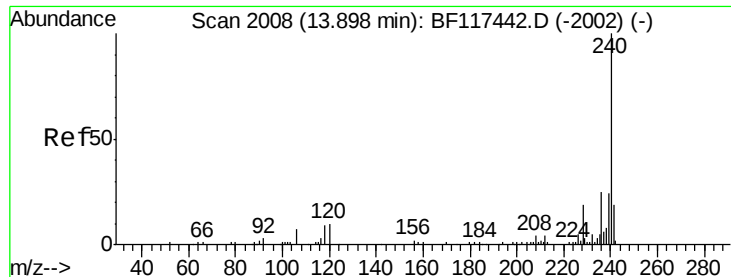
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#75
Fluoranthene
Concen: 4.916 ng
RT: 12.47 min Scan# 1765
Delta R.T. 0.01 min
Lab File: BF117524.D
Acq: 24 Oct 2019 21:32

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	32.7
203	17.9	0.0	37.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BF117524.D

Acq: 24 Oct 2019 21:32

Instrument :

BNA_F

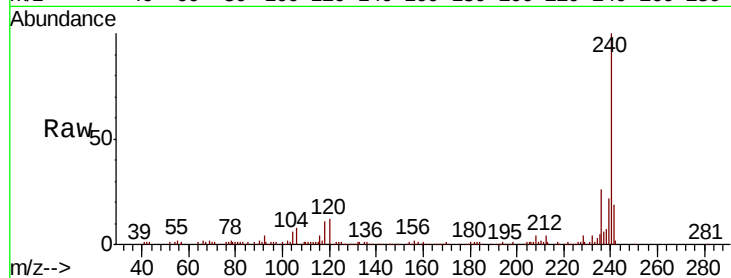
ClientSampleId :

707-58-(0-1)

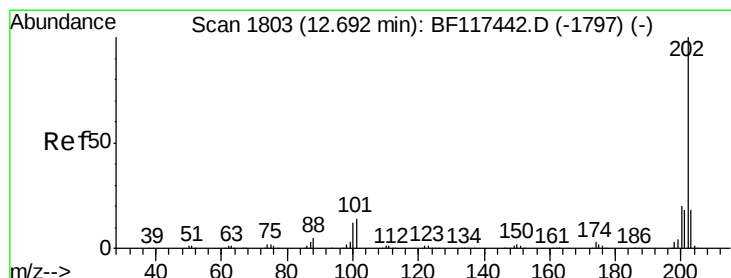
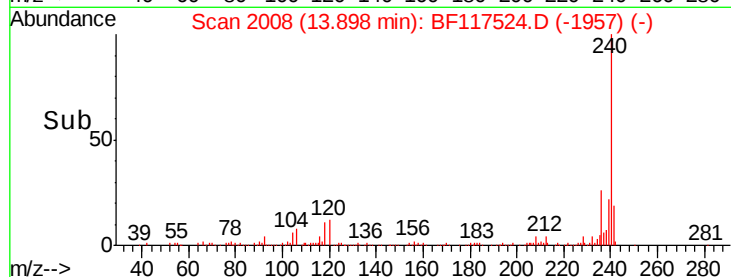
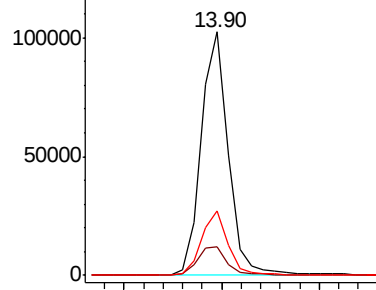
Tot Ion:	240	Resp:	98633
Ion Ratio	Lower	Upper	
240	100		
120	11.9	8.4	12.6
236	26.3	20.0	30.0

Manual Integrations
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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

Pyrene

Concen: 3.880 ng

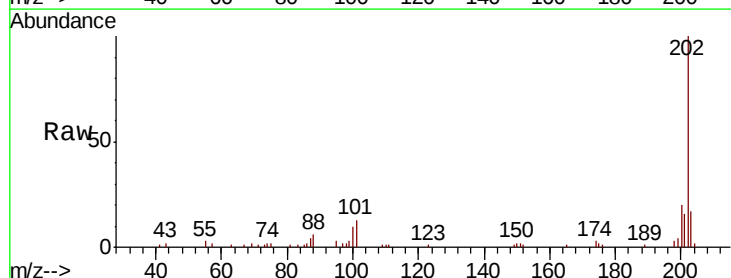
RT: 12.70 min Scan# 1804

Delta R.T. 0.01 min

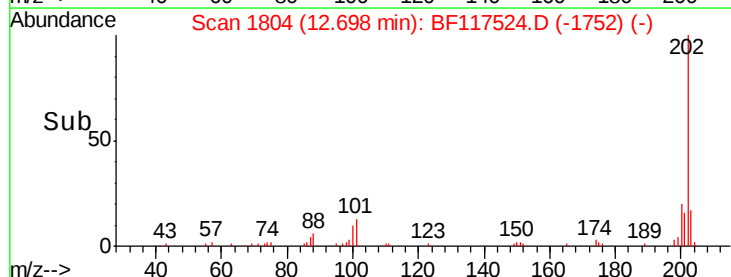
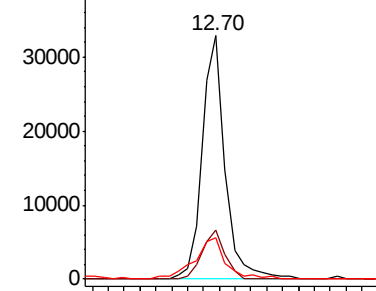
Lab File: BF117524.D

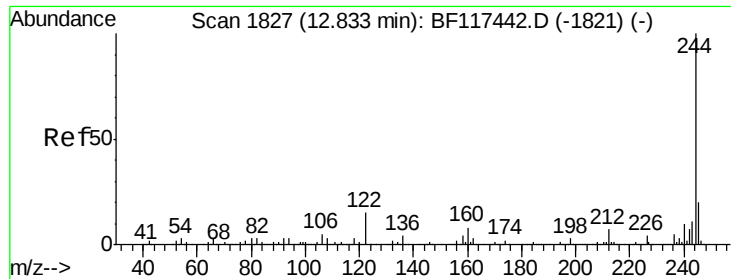
Acq: 24 Oct 2019 21:32

Tgt Ion:	202	Resp:	32873
Ion Ratio	Lower	Upper	
202	100		
200	20.3	16.2	24.2
203	17.0	14.0	21.0



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





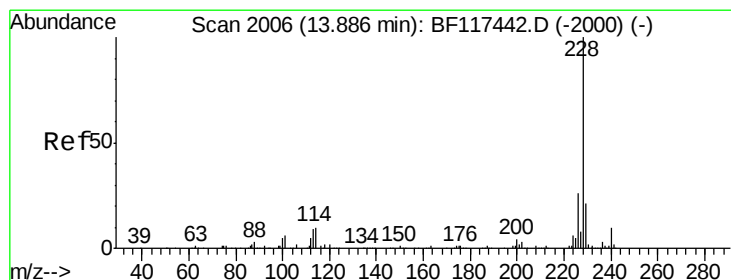
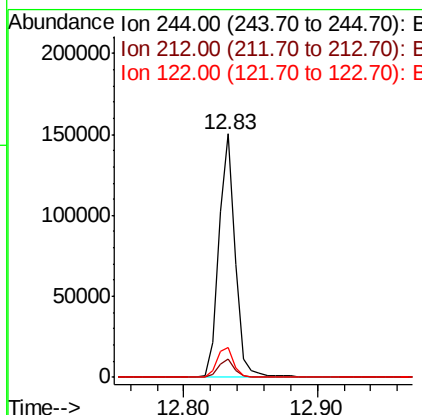
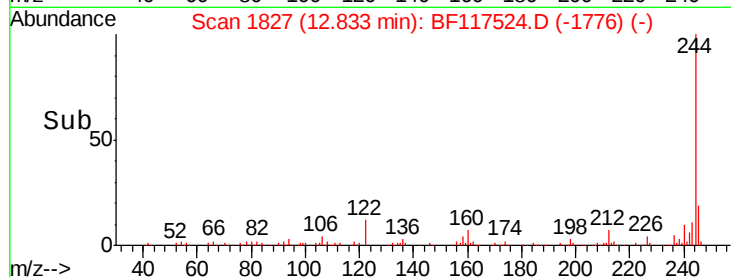
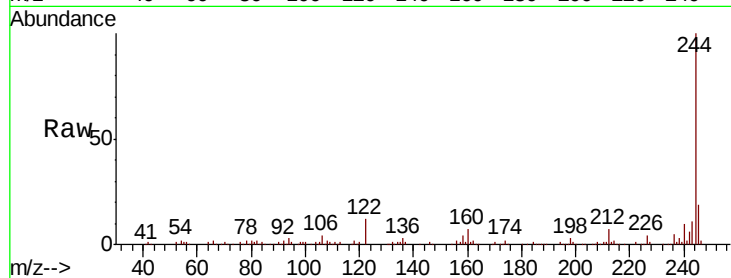
#79
 Terphenyl-d14
 Concen: 21.572 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. -0.00 min
 Lab File: BF117524.D
 Acq: 24 Oct 2019 21:32

Instrument :
 BNA_F
 ClientSampleId :
 707-58-(0-1)

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.6
122	12.2	11.8	17.8

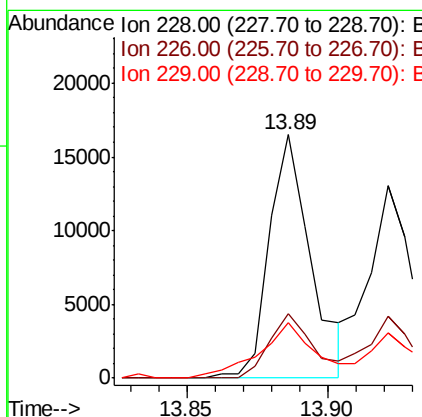
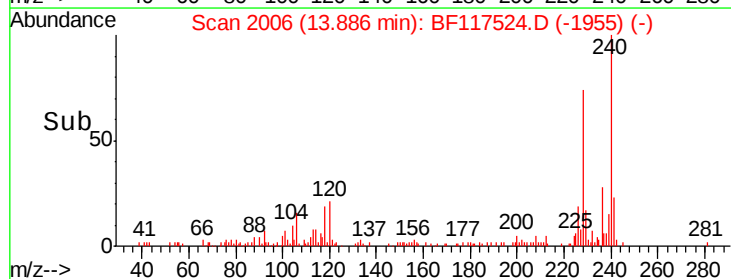
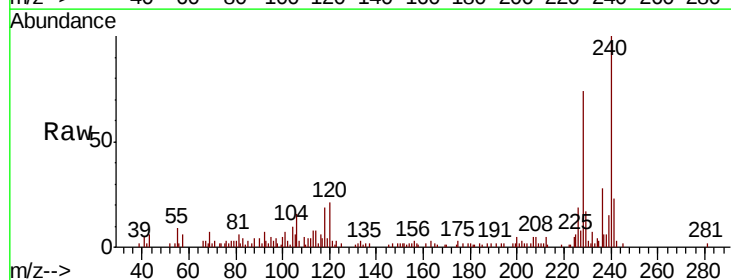
Manual Integrations
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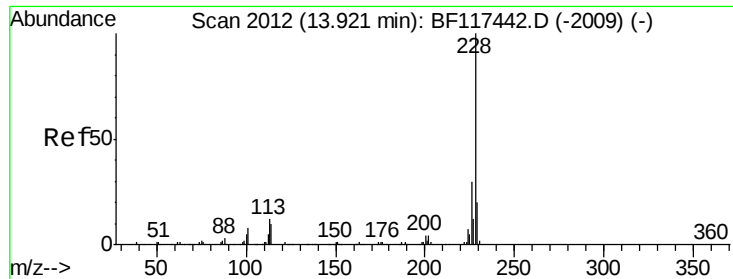
mohammad
 10/26/2019 10:03:17 AM



#81
 Benzo(a)anthracene
 Concen: 2.535 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. -0.00 min
 Lab File: BF117524.D
 Acq: 24 Oct 2019 21:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.2	21.0	31.4
229	22.7	16.4	24.6





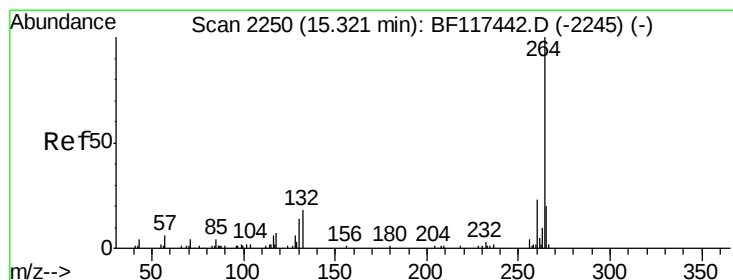
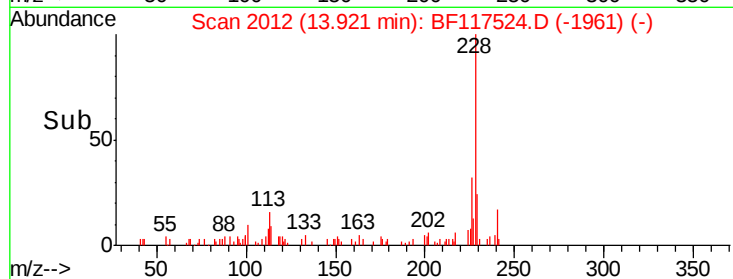
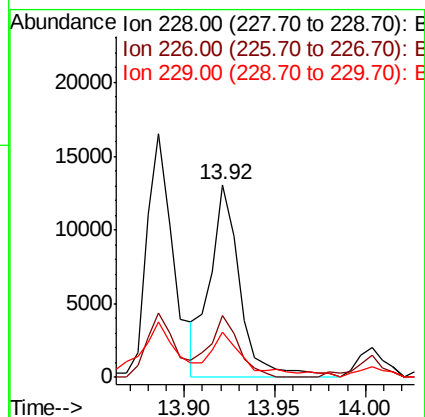
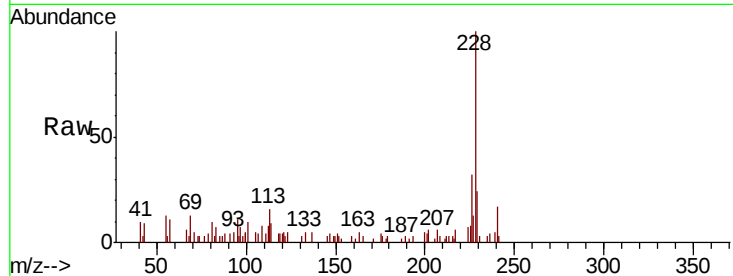
#83
Chrysene
Concen: 2.315 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BF117524.D
Acq: 24 Oct 2019 21:32

Instrument :
BNA_F
ClientSampleId :
707-58-(0-1)

Tot Ion:	228	Resp:	15092
Ion Ratio	Lower	Upper	
228	100		
226	31.9	23.9	35.9
229	23.6	15.8	23.6

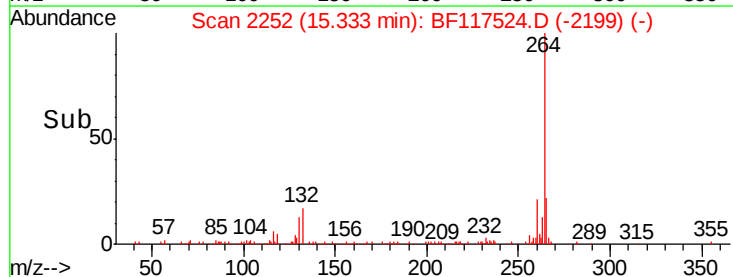
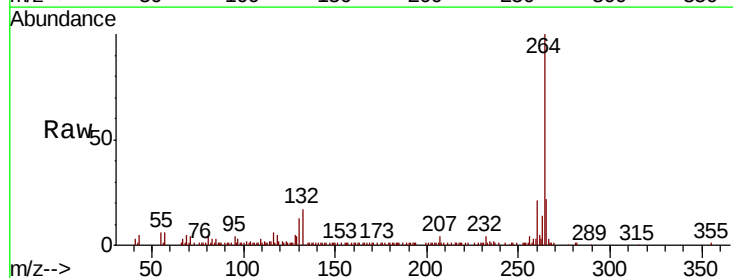
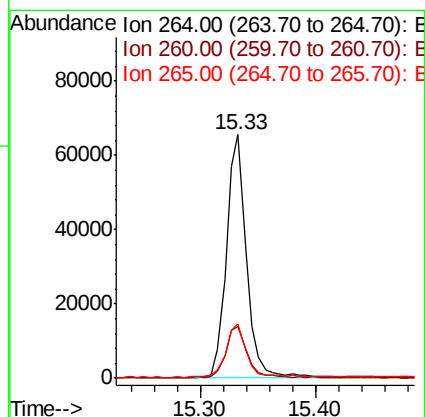
Manual Integrations
APPROVED

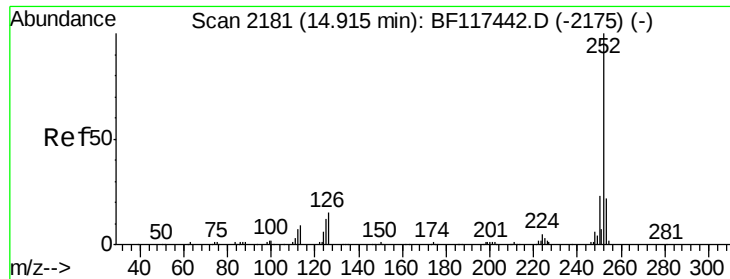
mohammad
10/26/2019 10:03:17 AM



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.01 min
Lab File: BF117524.D
Acq: 24 Oct 2019 21:32

Tgt Ion:	264	Resp:	78950
Ion Ratio	Lower	Upper	
264	100		
260	21.2	18.4	27.6
265	22.3	16.1	24.1





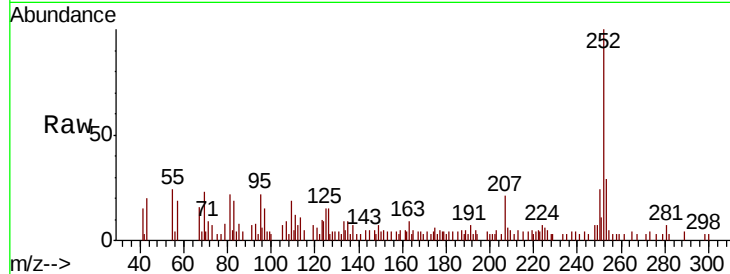
#88
Benzo(b)fluoranthene
Concen: 3.829 ng m
RT: 14.92 min Scan# 2182
Delta R.T. 0.01 min
Lab File: BF117524.D
Acq: 24 Oct 2019 21:32

Instrument :
BNA_F
ClientSampleId :
707-58-(0-1)

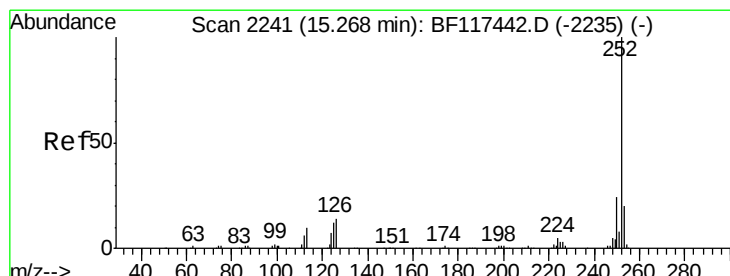
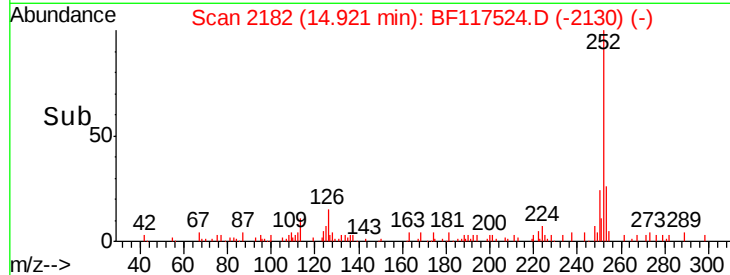
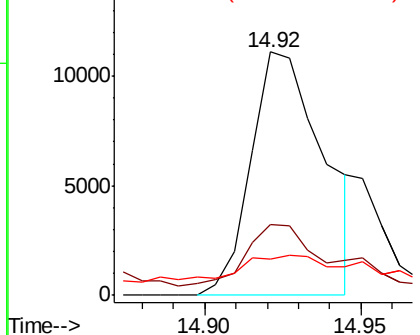
Tot Ion:	252	Resp:	17851
Ion Ratio	Lower	Upper	
252	100		
253	29.0	17.8	26.6#
125	14.9	9.9	14.9#

Manual Integrations
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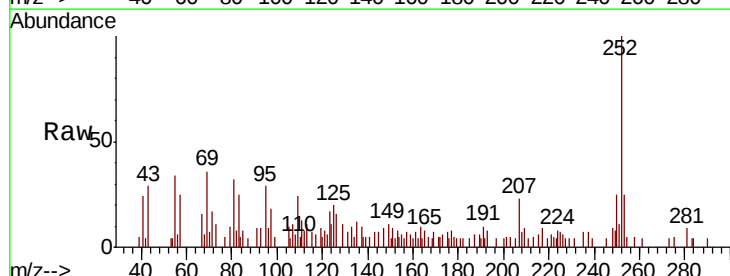


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 2.559 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.01 min
Lab File: BF117524.D
Acq: 24 Oct 2019 21:32

Tgt Ion:	252	Resp:	10845
Ion Ratio	Lower	Upper	
252	100		
253	24.8	16.3	24.5#
125	20.0	9.2	13.8#



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

