

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110719\
 Data File : BF117709.D
 Acq On : 7 Nov 2019 17:19
 Operator : JU
 Sample : K5723-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 7-B

Manual Integrations
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Sohil
 11/8/2019 3:31:35 PM

Quant Time: Nov 08 02:24:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 06 17:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	324539	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	1245393	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	642878	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	1175127	20.00	ng	0.00
76) Chrysene-d12	14.12	240	744336	20.00	ng	-0.01
87) Perylene-d12	15.63	264	851336	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1297123	72.35	ng	0.00
7) Phenol-d6	6.55	99	1651413	74.70	ng	-0.01
23) Nitrobenzene-d5	7.49	82	978463	46.38	ng	-0.01
42) 2,4,6-Tribromophenol	10.77	330	448978	71.39	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	1931177	59.27	ng	0.00
79) Terphenyl-d14	13.06	244	2032654	56.22	ng	0.00
Target Compounds						
10) Phenol	6.56	94	79767	3.349	ng	99
50) Dimethylphthalate	9.69	163	331580	7.629	ng	99
75) Fluoranthene	12.69	202	166055	2.887	ng	93
78) Pyrene	12.92	202	156292	2.876	ng	97
88) Benzo(b)fluoranthene	15.17	252	111848m	2.086	ng	

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

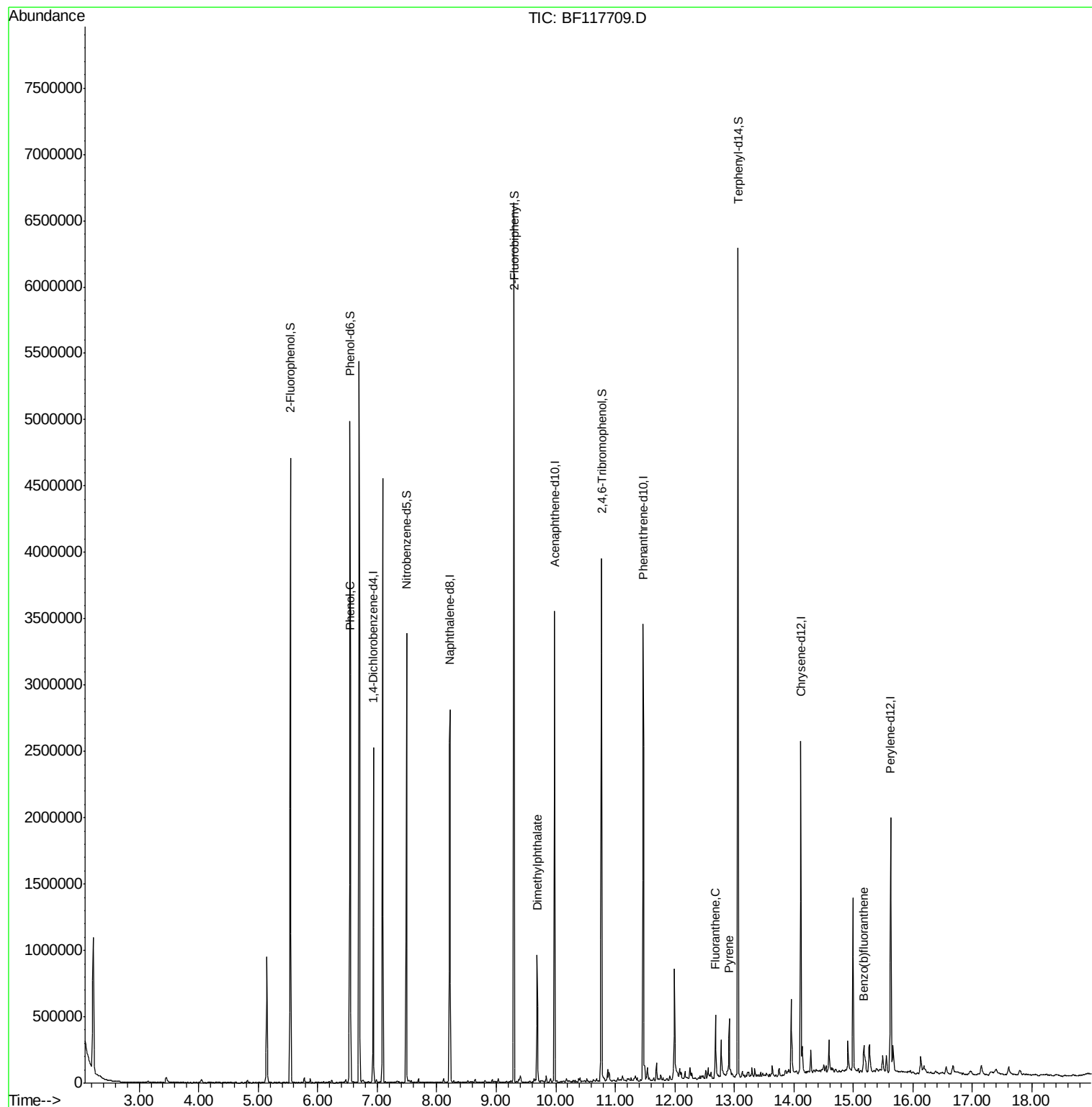
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110719\
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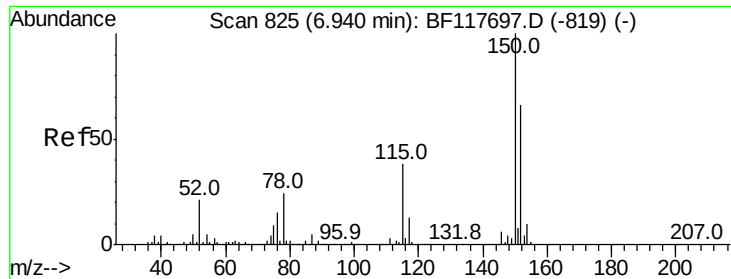
Instrument :
BNA_F
ClientSampleId :
7-B

Quant Time: Nov 08 02:24:46 2019
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QLast Update : Wed Nov 06 17:27:10 2019
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#1

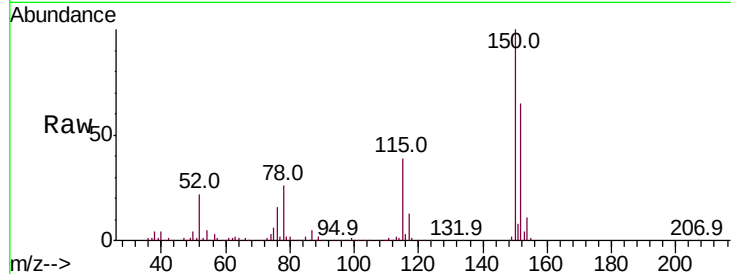
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF117709.D
Acq: 7 Nov 2019 17:19

Instrument :
BNA_F
ClientSampled :
7-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	121.4	182.2
115	59.7	46.7	70.1

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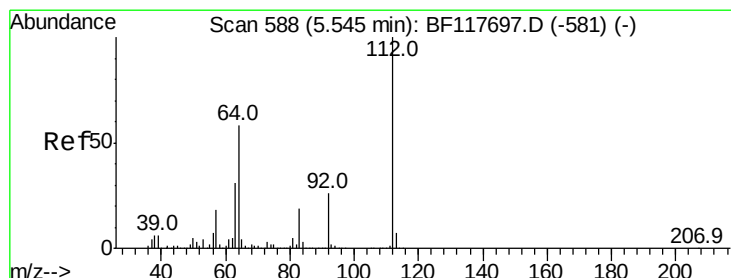
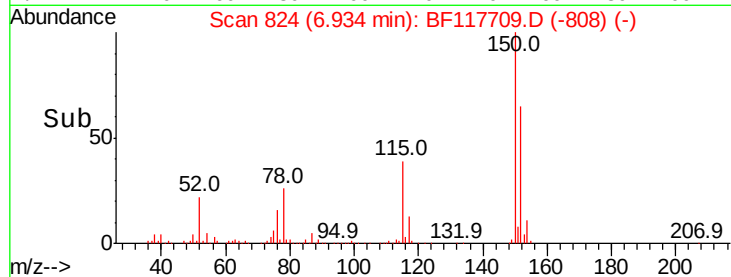
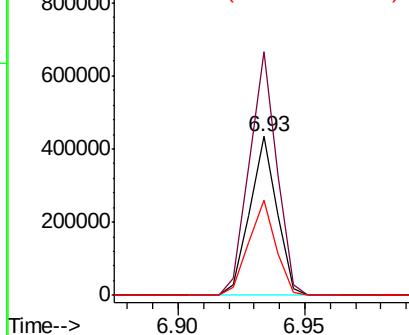


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

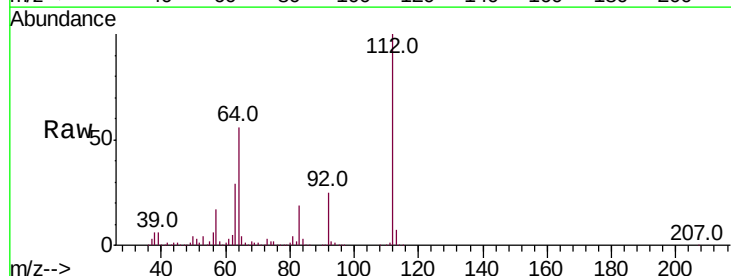
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 72.348 ng
RT: 5.55 min Scan# 588
Delta R.T. -0.00 min
Lab File: BF117709.D
Acq: 7 Nov 2019 17:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.6	46.4	69.6
63	29.5	24.6	37.0

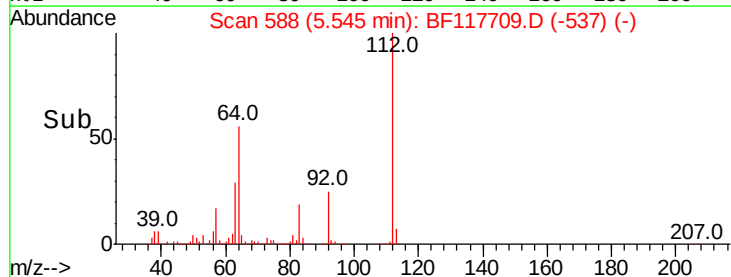
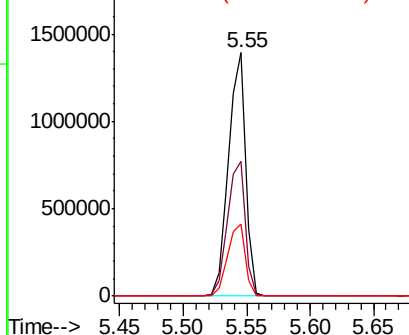


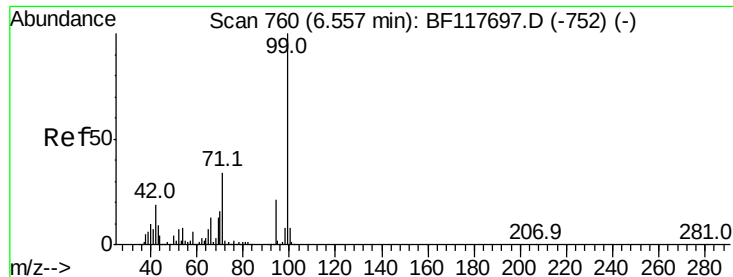
Abundance

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: 74.702 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF117709.D

Acq: 7 Nov 2019 17:19

Instrument :

BNA_F

ClientSampleId :

7-B

Tot Ion: 99 Resp: 1651413

Ion Ratio Lower Upper

99 100

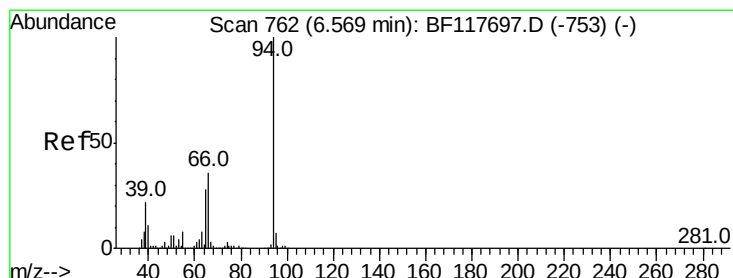
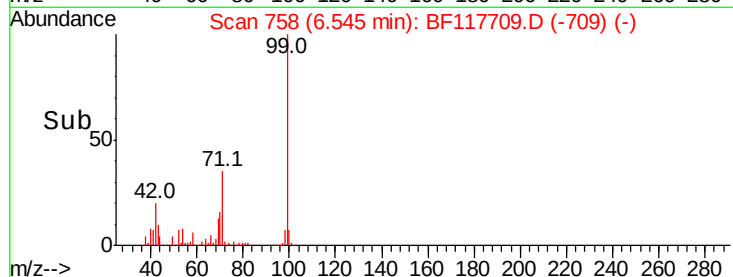
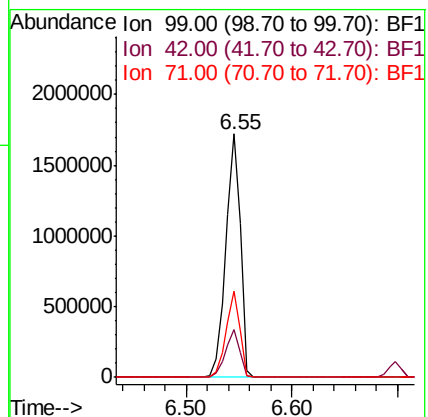
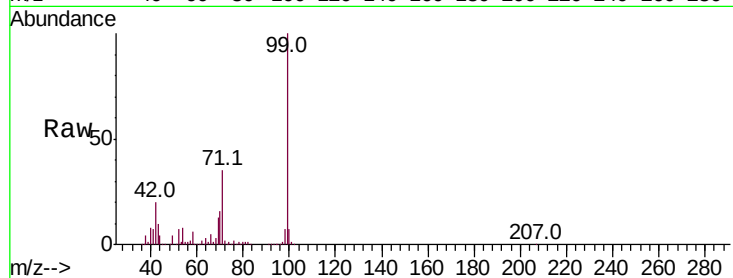
42 19.8 15.3 22.9

71 35.3 26.8 40.2

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#10

Phenol

Concen: 3.349 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF117709.D

Acq: 7 Nov 2019 17:19

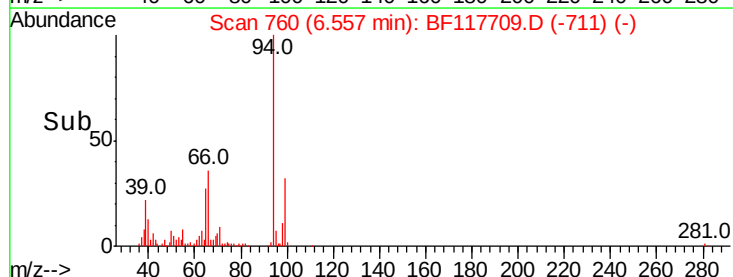
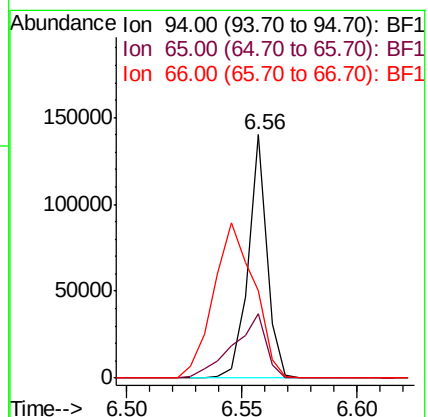
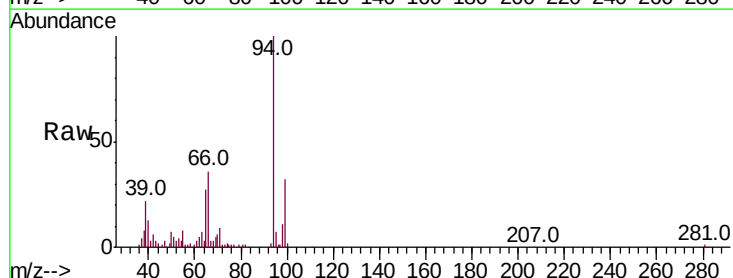
Tgt Ion: 94 Resp: 79767

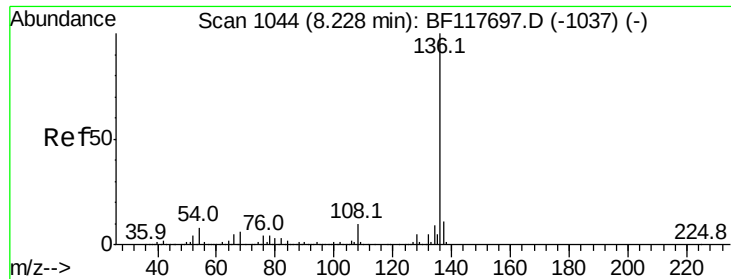
Ion Ratio Lower Upper

94 100

65 26.6 7.6 47.6

66 36.1 16.1 56.1





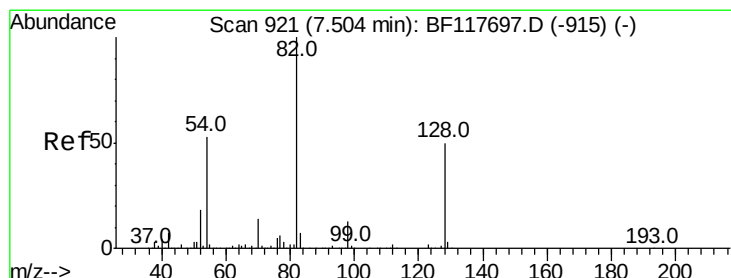
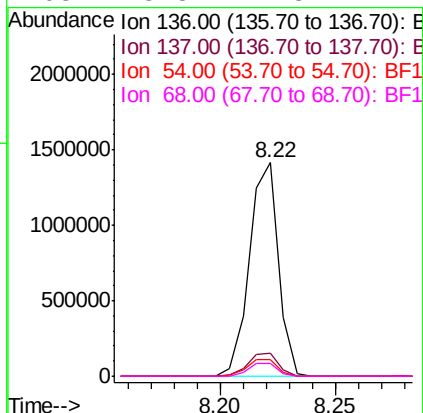
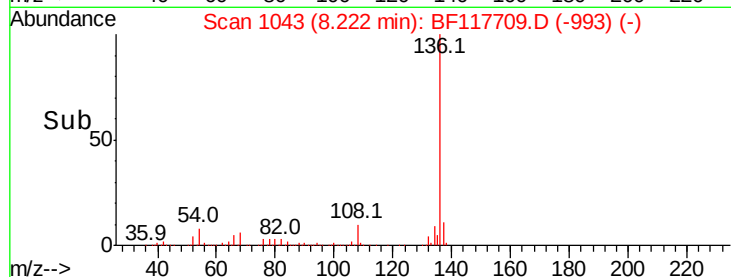
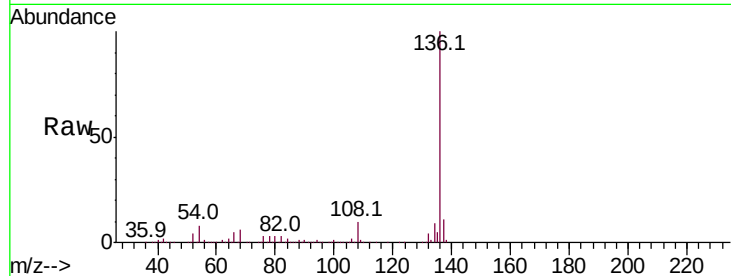
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF117709.D
Acq: 7 Nov 2019 17:19

Instrument :
BNA_F
ClientSampleId :
7-B

Tot Ion	136	Resp	1245393
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.6	6.0	9.0
68	5.8	4.8	7.2

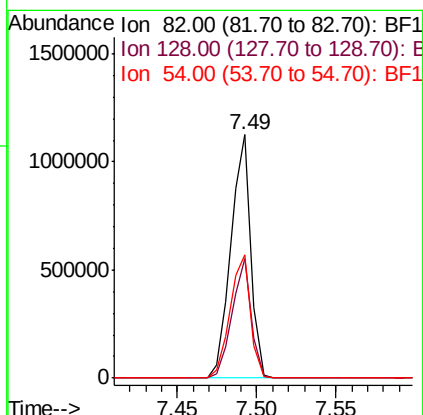
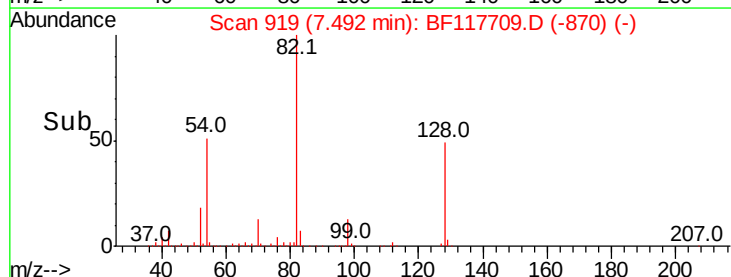
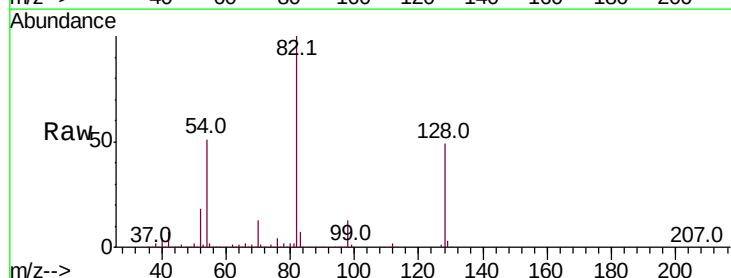
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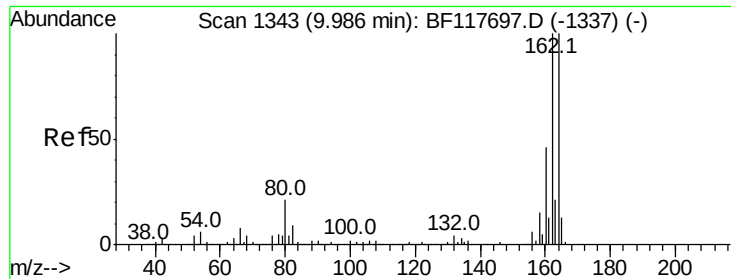
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#23
Nitrobenzene-d5
Concen: 46.385 ng
RT: 7.49 min Scan# 919
Delta R.T. -0.01 min
Lab File: BF117709.D
Acq: 7 Nov 2019 17:19

Tgt Ion	82	Resp	978463
Ion	Ratio	Lower	Upper
82	100		
128	49.0	40.2	60.2
54	50.9	42.0	63.0





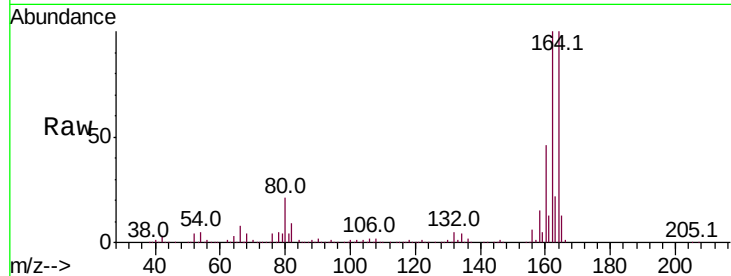
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF117709.D
Acq: 7 Nov 2019 17:19

Instrument :
BNA_F
ClientSampled :
7-B

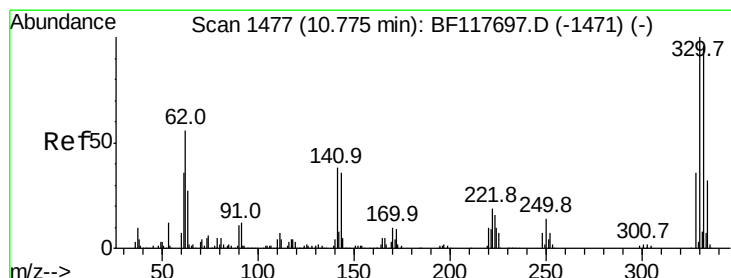
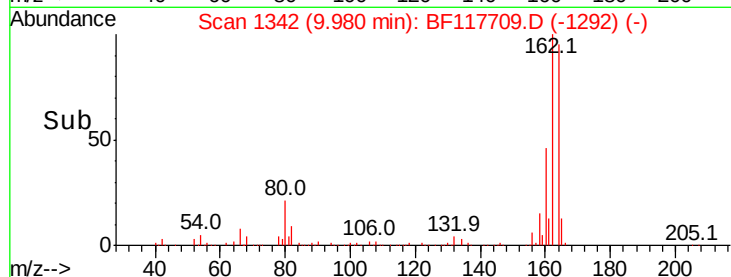
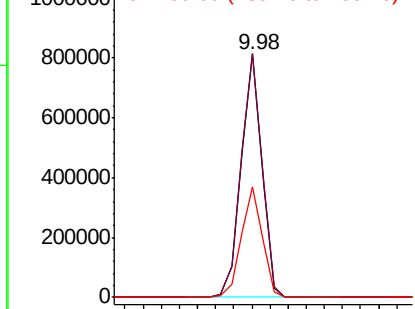
Tot Ion	Ratio	Lower	Upper
164	100		
162	100.1	79.7	119.5
160	45.6	36.5	54.7

Manual Integrations
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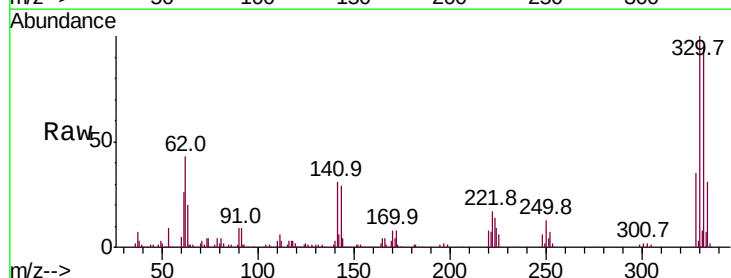


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

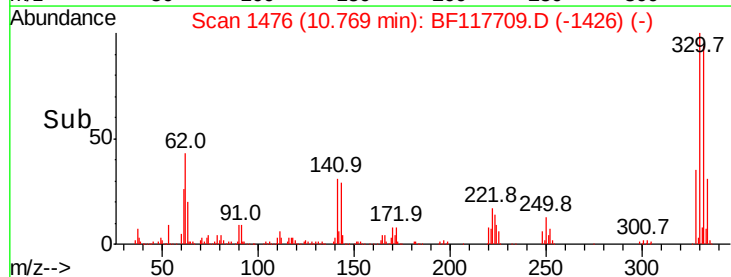
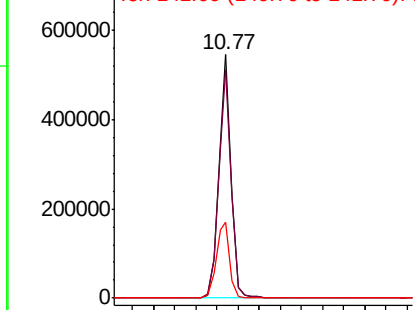


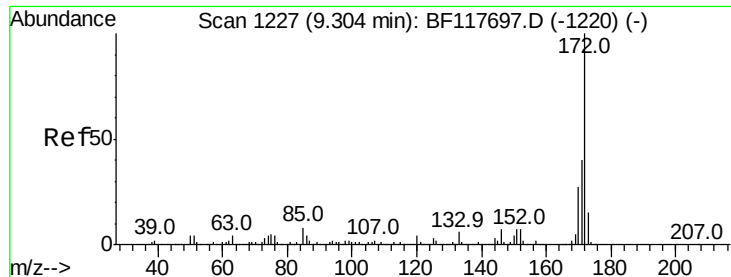
#42
2,4,6-Tribromophenol
Concen: 71.393 ng
RT: 10.77 min Scan# 1476
Delta R.T. -0.01 min
Lab File: BF117709.D
Acq: 7 Nov 2019 17:19

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.4	116.0
141	34.3	28.0	42.0



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





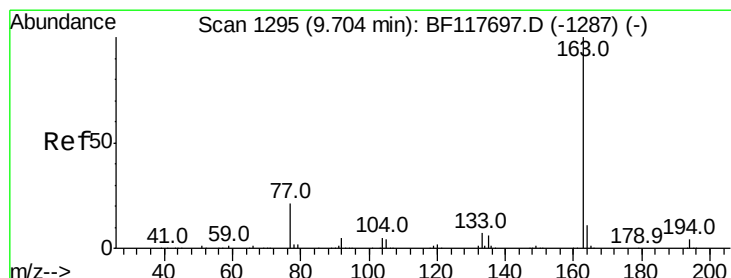
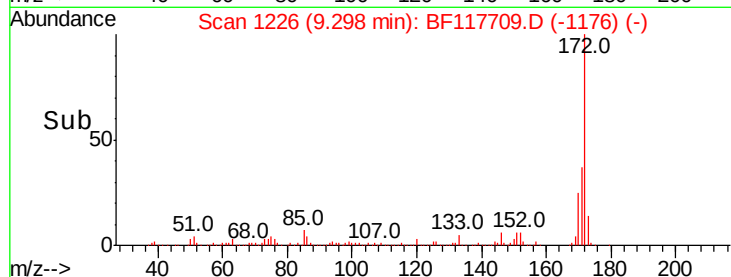
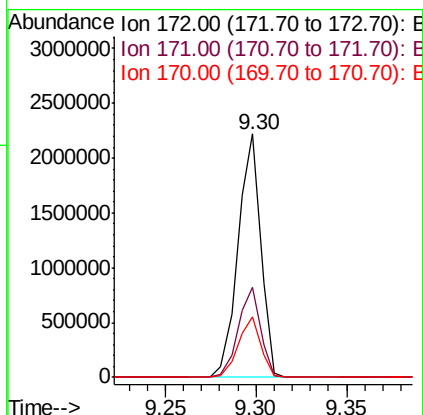
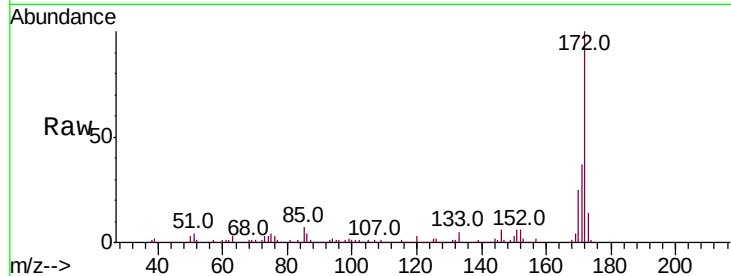
#45
2-Fluorobiphenyl
Concen: 59.268 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF117709.D
Acq: 7 Nov 2019 17:19

Instrument :
BNA_F
ClientSampleId :
7-B

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	31.8	47.8
170	24.7	21.6	32.4

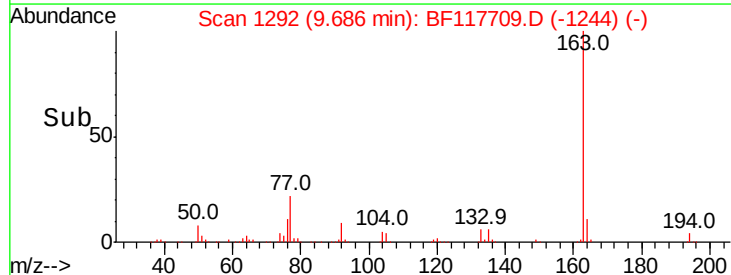
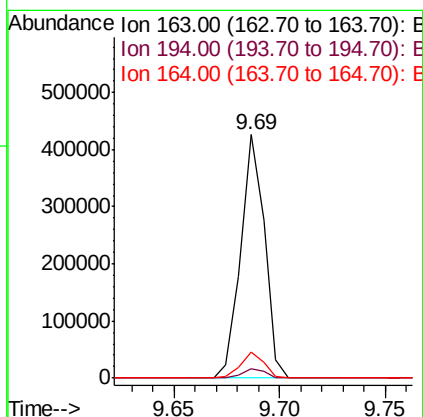
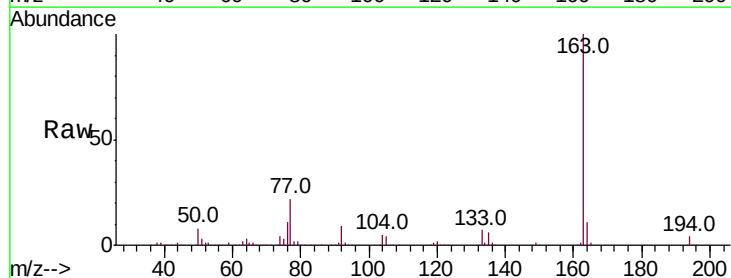
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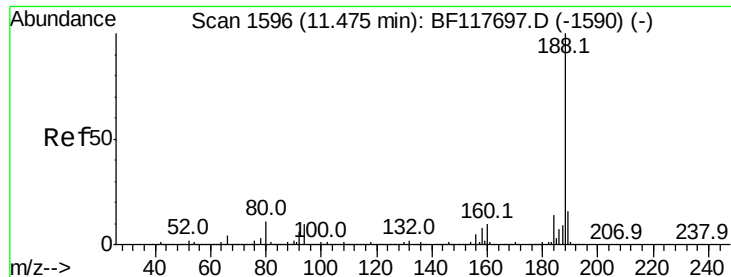
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#50
Dimethylphthalate
Concen: 7.629 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BF117709.D
Acq: 7 Nov 2019 17:19

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.4	5.0
164	10.6	8.9	13.3





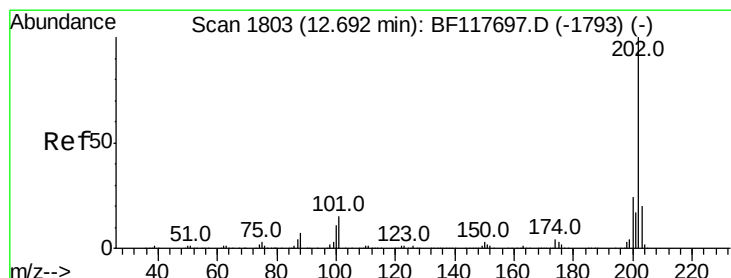
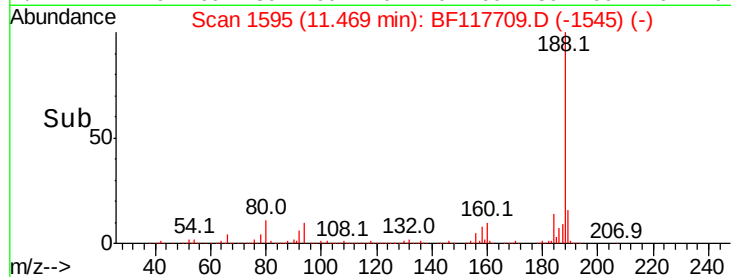
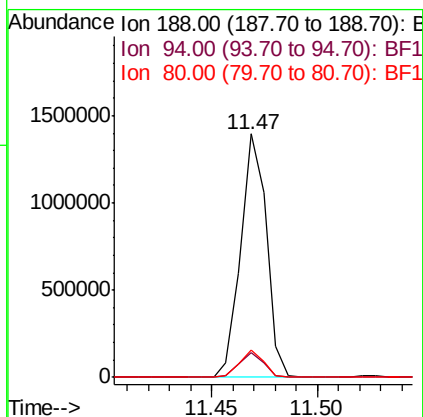
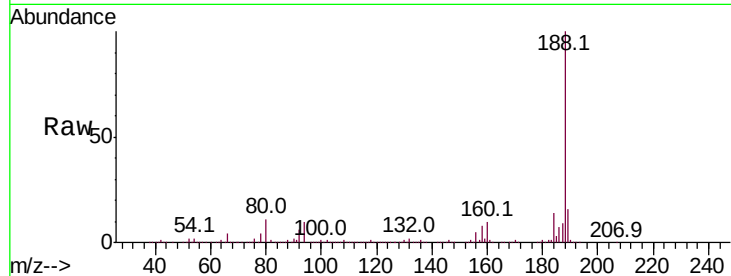
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BF117709.D
Acq: 7 Nov 2019 17:19

Instrument :
BNA_F
ClientSampled :
7-B

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.2	12.4
80	11.2	8.6	13.0

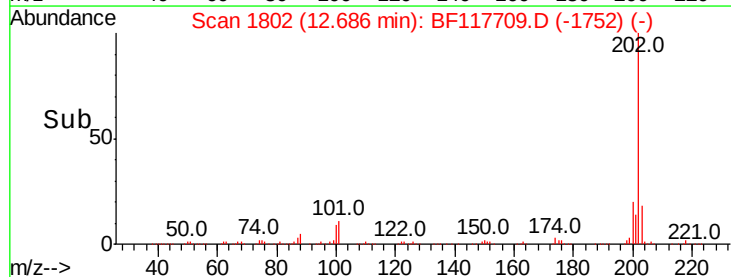
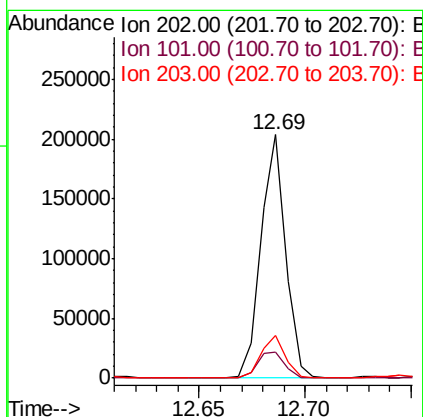
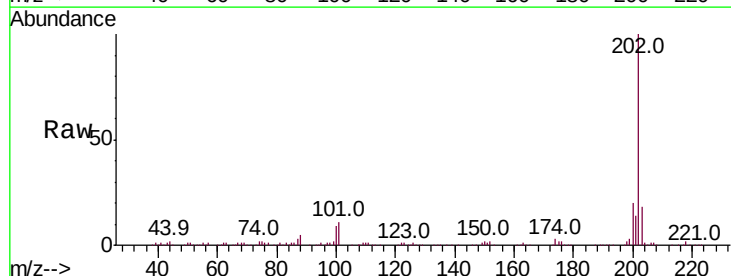
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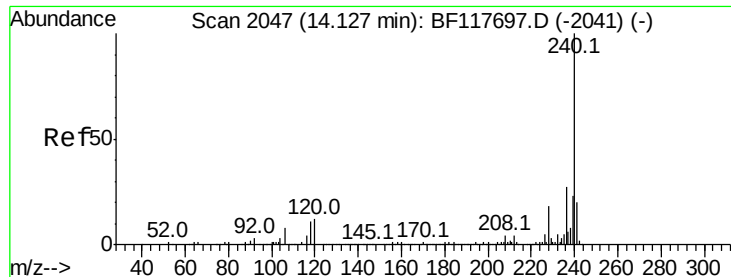
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#75
Fluoranthene
Concen: 2.887 ng
RT: 12.69 min Scan# 1802
Delta R.T. -0.01 min
Lab File: BF117709.D
Acq: 7 Nov 2019 17:19

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	34.5
203	17.5	0.0	39.8





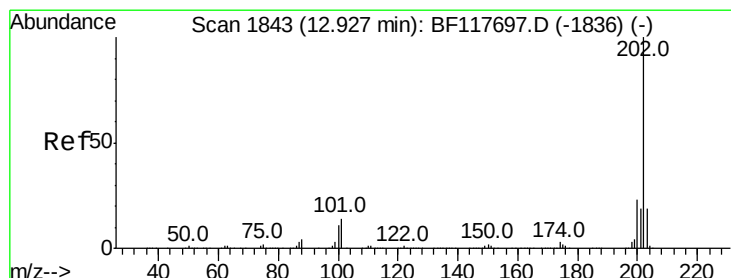
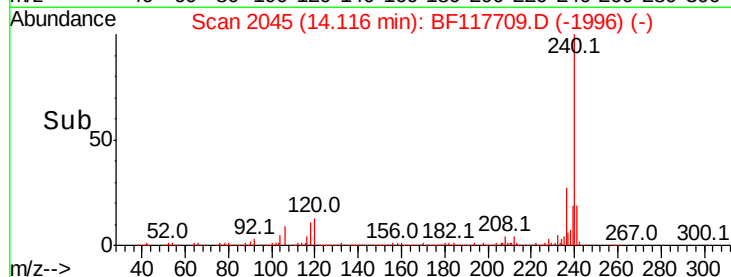
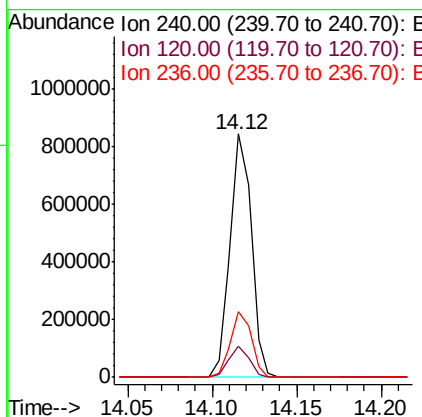
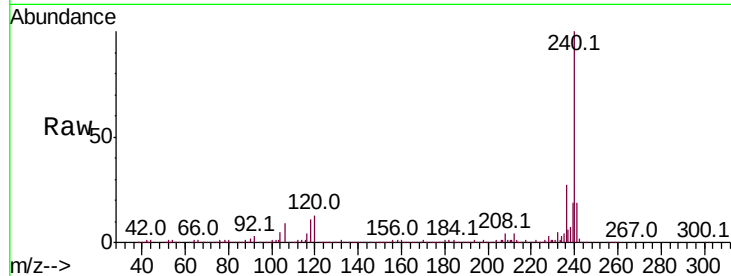
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.12 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BF117709.D
Acq: 7 Nov 2019 17:19

Instrument :
BNA_F
ClientSampled :
7-B

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.7	9.7	14.5
236	26.8	21.9	32.9

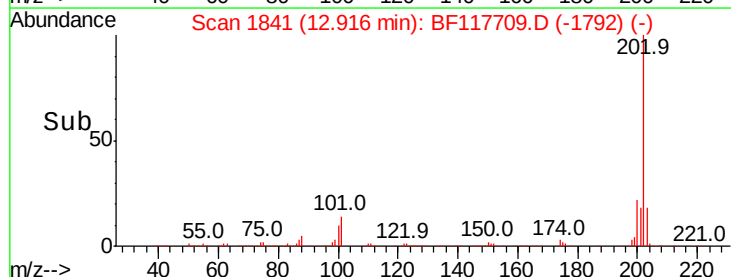
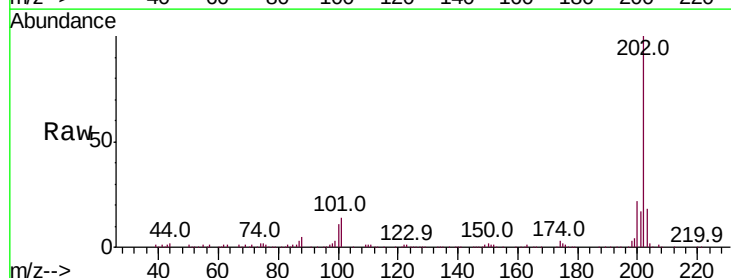
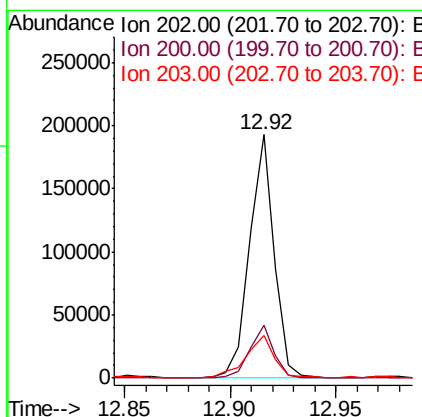
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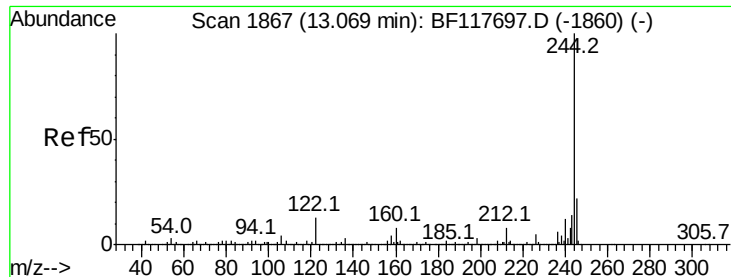
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#78
Pyrene
Concen: 2.876 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BF117709.D
Acq: 7 Nov 2019 17:19

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.9	18.8	28.2
203	17.8	15.2	22.8





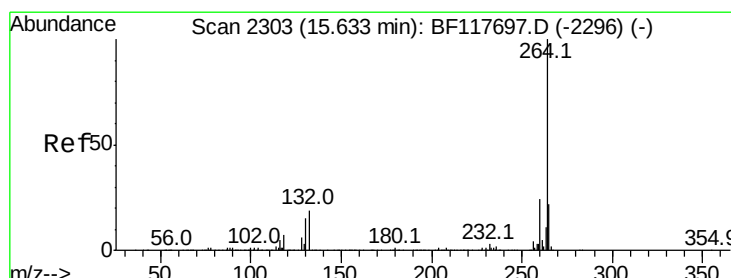
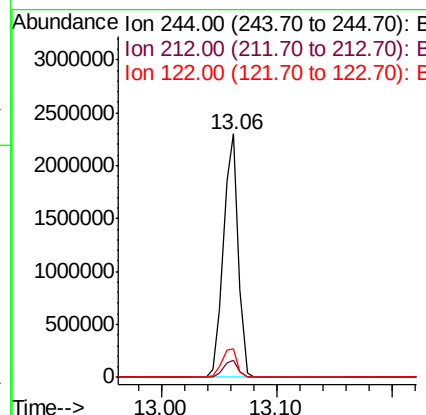
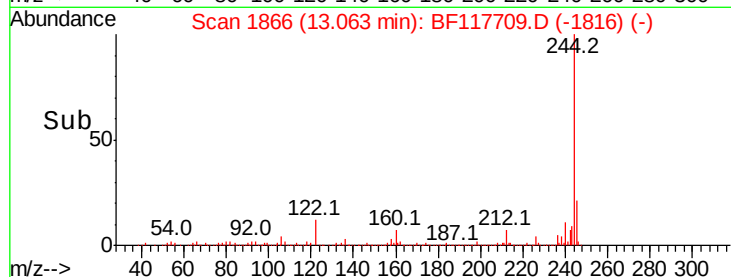
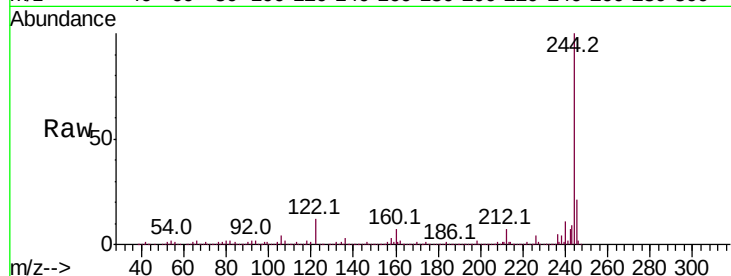
#79
 Terphenyl-d14
 Concen: 56.216 ng
 RT: 13.06 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BF117709.D
 Acq: 7 Nov 2019 17:19

Instrument :
 BNA_F
 ClientSampleId :
 7-B

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.4	9.6
122	11.8	10.0	15.0

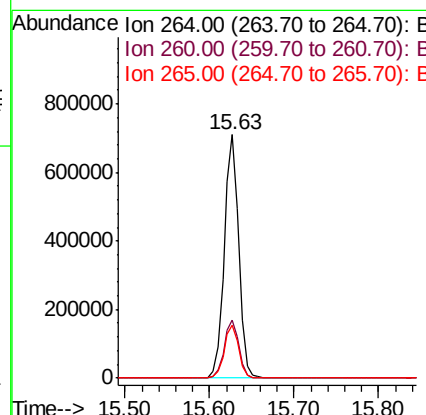
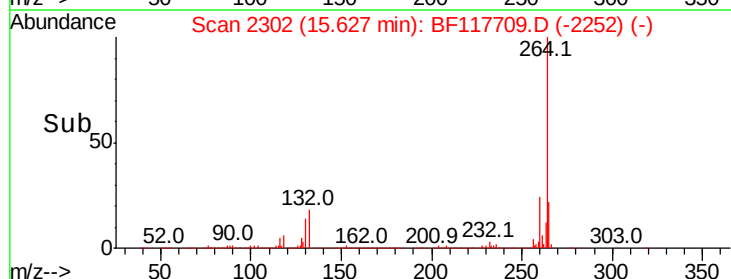
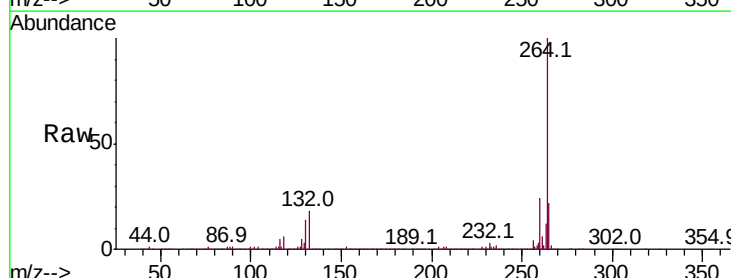
Manual Integrations
 APPROVED

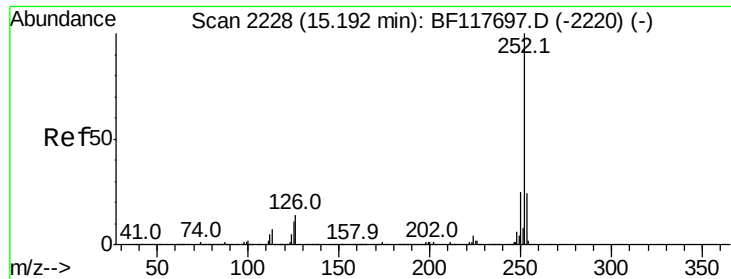
Sohil
 11/8/2019 3:31:35 PM



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.63 min Scan# 2302
 Delta R.T. -0.01 min
 Lab File: BF117709.D
 Acq: 7 Nov 2019 17:19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.8	28.2
265	21.6	17.7	26.5





#88
 Benzo(b)fluoranthene
 Concen: 2.086 ng m
 RT: 15.17 min Scan# 2225
 Delta R.T. -0.02 min
 Lab File: BF117709.D
 Acq: 7 Nov 2019 17:19

Instrument :
 BNA_F
 ClientSampleId :
 7-B

Tot Ion:	252	Resp:	111848
Ion Ratio	Lower	Upper	
252	100		
253	21.0	18.9	28.3
125	11.2	8.5	12.7

Manual Integrations
 APPROVED

Sohil
 11/8/2019 3:31:35 PM

