

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100119\
 Data File : BF117288.D
 Acq On : 1 Oct 2019 20:29
 Operator : JU
 Sample : K4659-04 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-093019-B

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Quant Time: Oct 02 06:30:17 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	6.81	152	50084	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	191258	20.00	ng	-0.02
39) Acenaphthene-d10	9.85	164	82791	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	107722	20.00	ng	0.00
76) Chrysene-d12	13.97	240	79729	20.00	ng	0.00
87) Perylene-d12	15.43	264	66180	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	119579	37.28	ng	0.00
7) Phenol-d6	6.45	99	163580	39.46	ng	-0.01
23) Nitrobenzene-d5	7.37	82	96697	26.56	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	22320	32.26	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	169270	31.97	ng	-0.01
79) Terphenyl-d14	12.92	244	119786	28.08	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.56	163	36573	6.239	ng	# 97
71) Phenanthrene	11.35	178	14613	2.388	ng	# 96
75) Fluoranthene	12.54	202	22331	3.552	ng	96
78) Pyrene	12.78	202	23069	3.448	ng	97
81) Benzo(a)anthracene	13.96	228	11117	2.087	ng	# 86
83) Chrysene	14.00	228	11146	2.145	ng	# 93
88) Benzo(b)fluoranthene	15.02	252	11123m	2.775	ng	

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

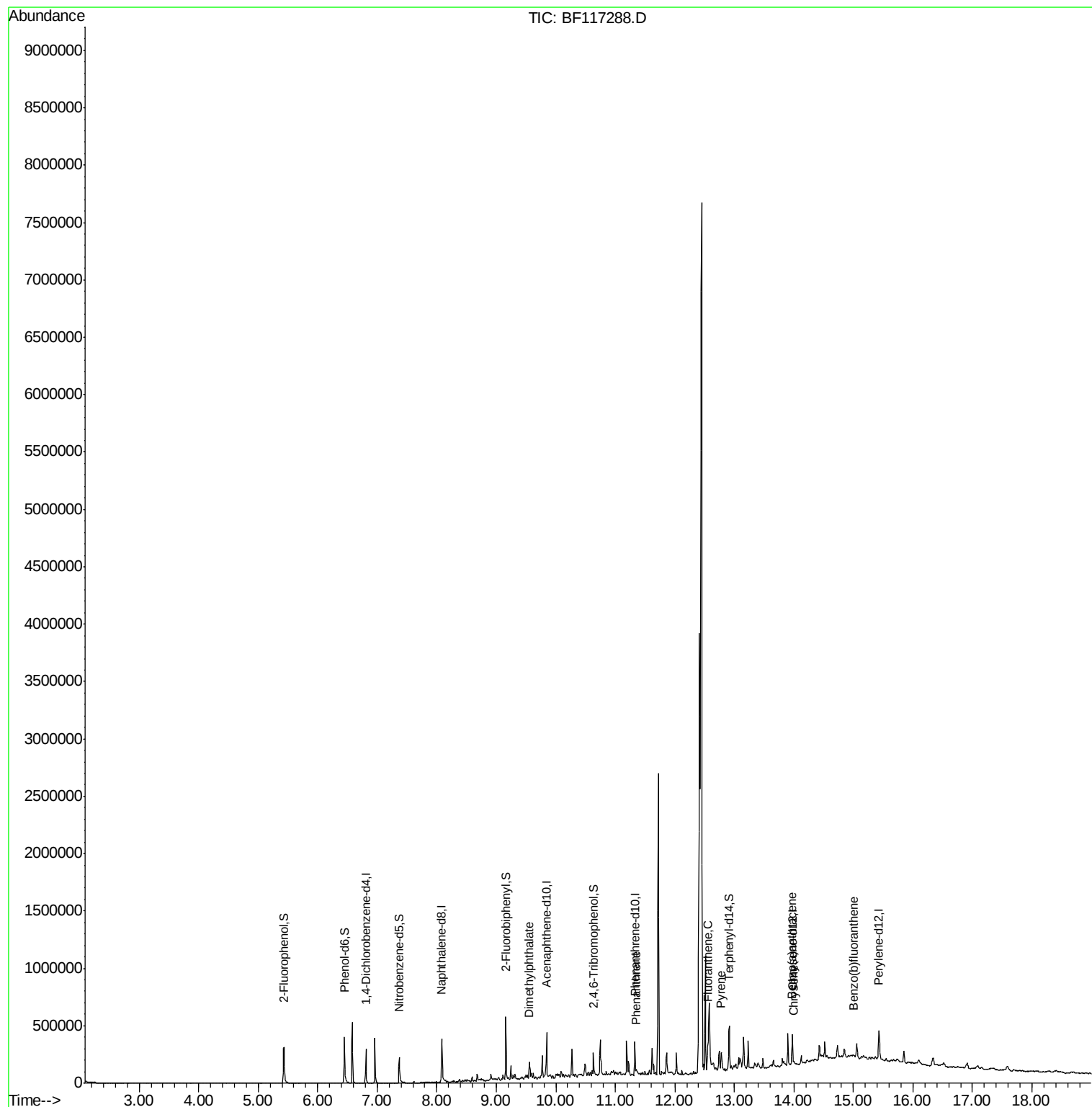
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100119\
Data File : BF117288.D
Acq On : 1 Oct 2019 20:29
Operator : JU
Sample : K4659-04 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

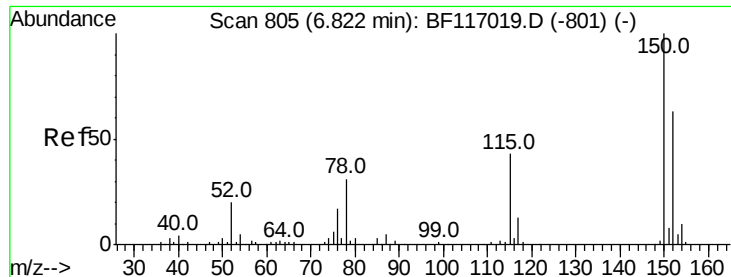
Instrument :
BNA_F
ClientSampleId :
JC-02-093019-B

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Quant Time: Oct 02 06:30:17 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





#1

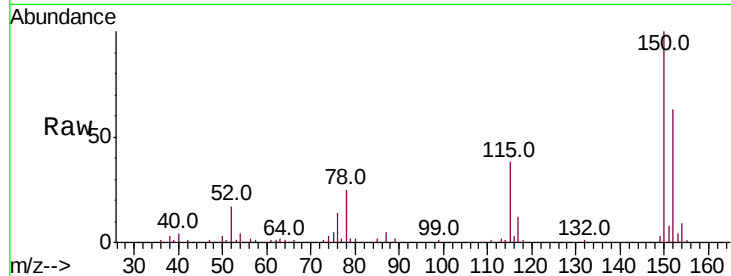
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF117288.D
Acq: 1 Oct 2019 20:29

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	127.5	191.3
115	59.9	55.0	82.4

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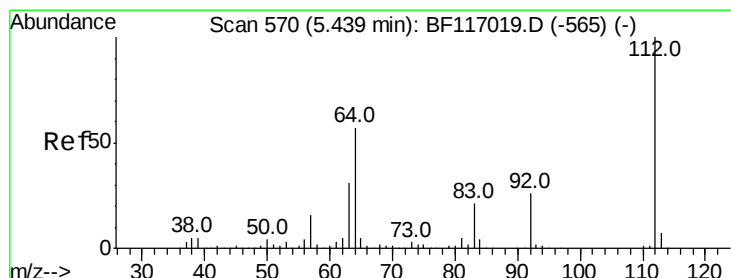
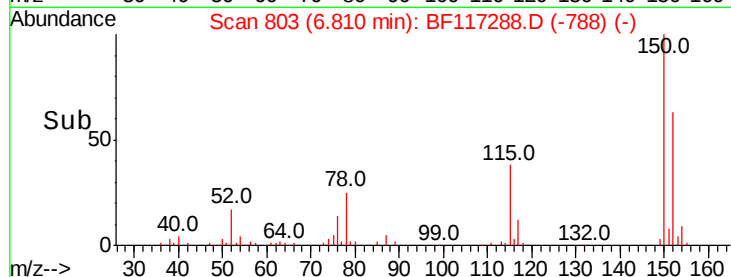
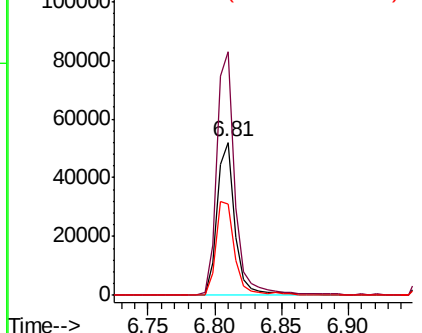


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

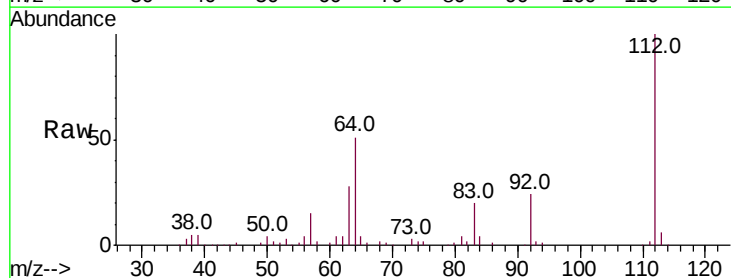
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 37.276 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF117288.D
Acq: 1 Oct 2019 20:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.1	45.7	68.5
63	27.7	24.9	37.3

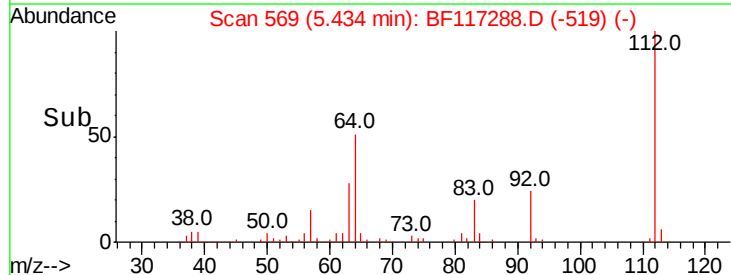
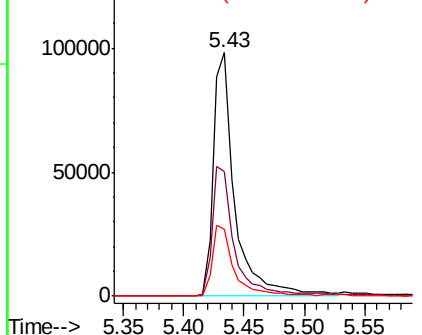


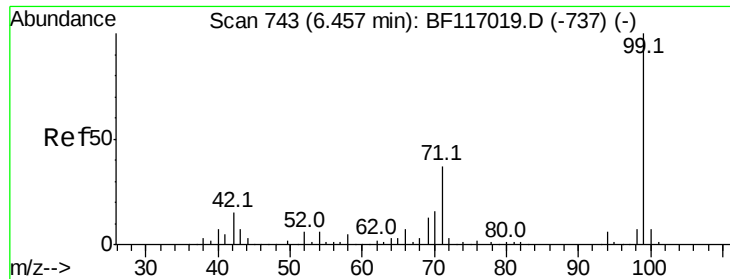
Abundance

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: 39.457 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF117288.D

Acq: 1 Oct 2019 20:29

Instrument :

BNA_F

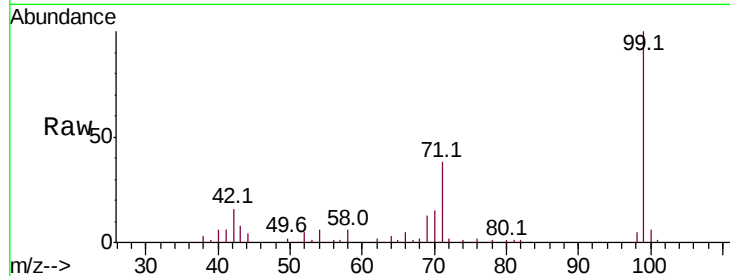
ClientSampleId :

JC-02-093019-B

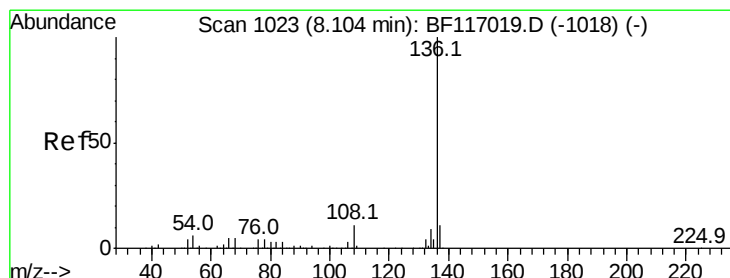
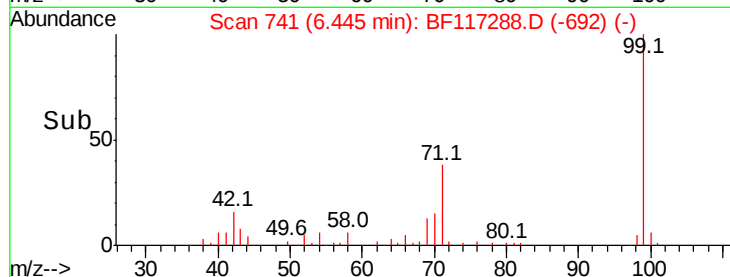
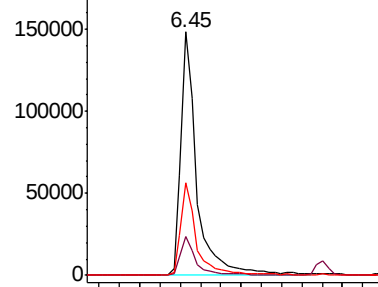
Tot Ion:	99	Resp:	163580
Ion	Ratio	Lower	Upper
99	100		
42	15.8	12.2	18.2
71	38.2	29.8	44.8

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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: 8.09 min Scan# 1020

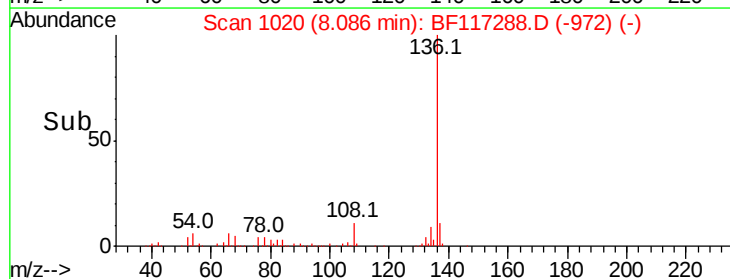
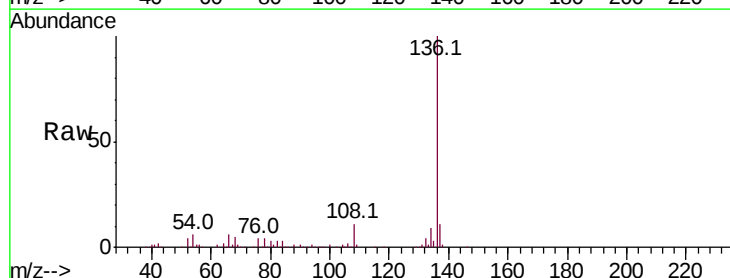
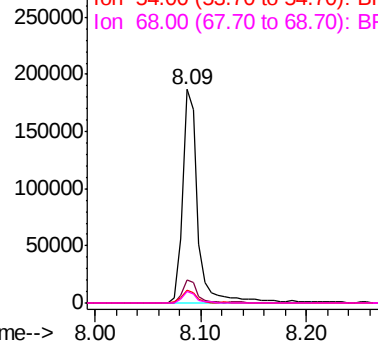
Delta R.T. -0.02 min

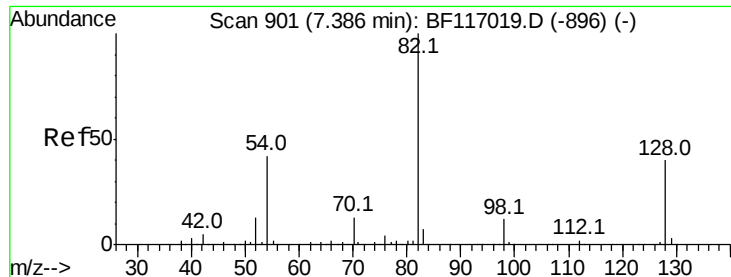
Lab File: BF117288.D

Acq: 1 Oct 2019 20:29

Tgt Ion:	136	Resp:	191258
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.0	13.4
54	6.0	4.5	6.7
68	5.5	4.0	6.0

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





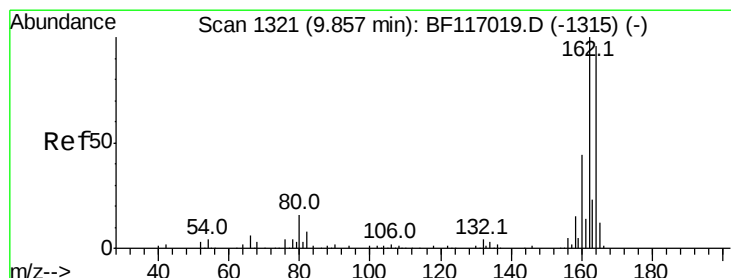
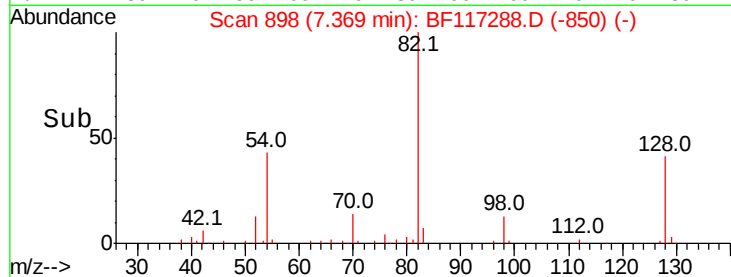
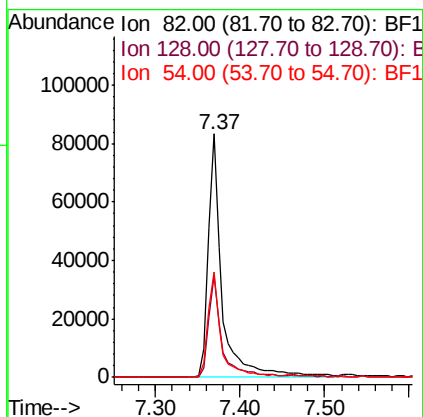
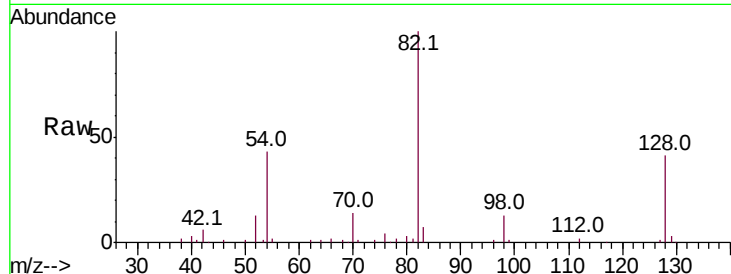
#23
 Nitrobenzene-d5
 Concen: 26.565 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.02 min
 Lab File: BF117288.D
 Acq: 1 Oct 2019 20:29

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-093019-B

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.5	32.3	48.5
54	43.2	33.3	49.9

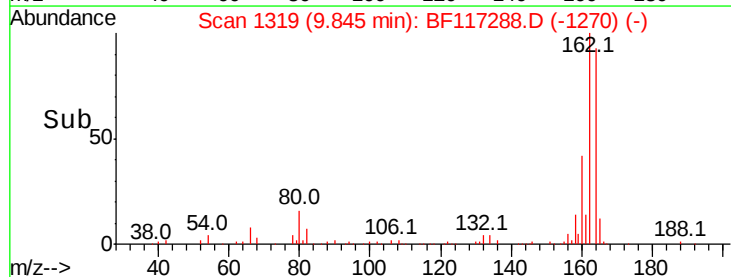
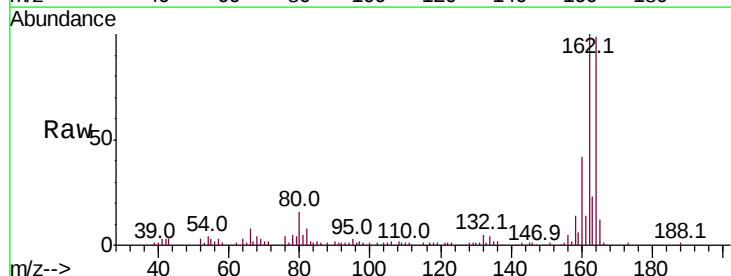
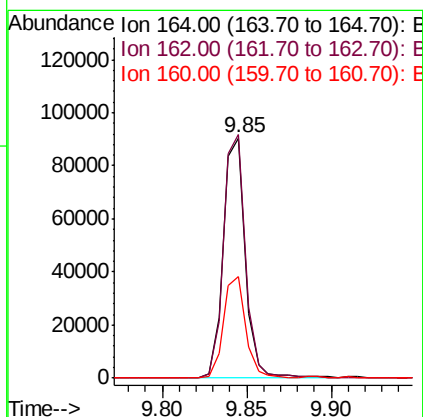
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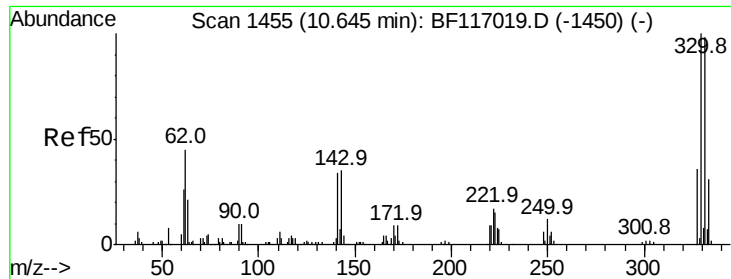
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF117288.D
 Acq: 1 Oct 2019 20:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.4	83.4	125.2
160	42.3	36.4	54.6





#42

2,4,6-Tribromophenol

Concen: 32.257 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF117288.D

Acq: 1 Oct 2019 20:29

Instrument :

BNA_F

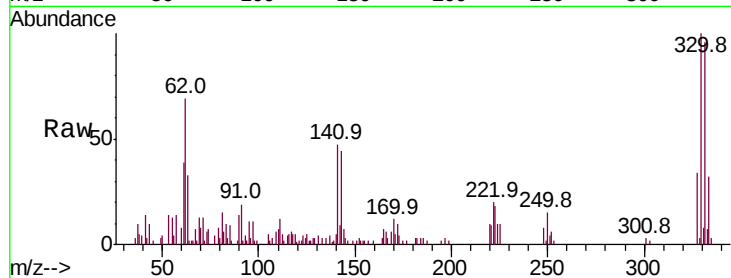
ClientSampleId :

JC-02-093019-B

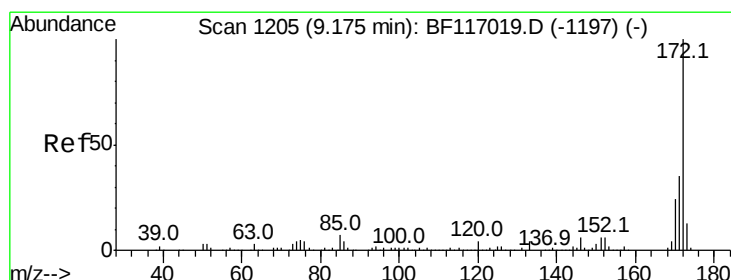
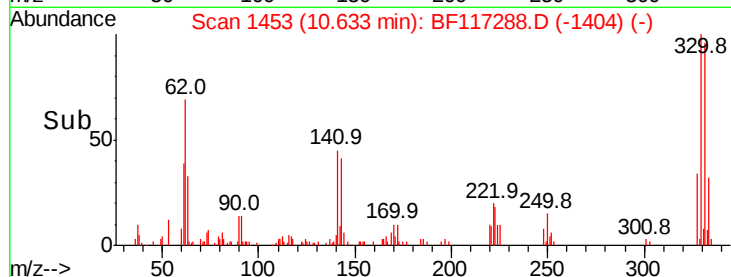
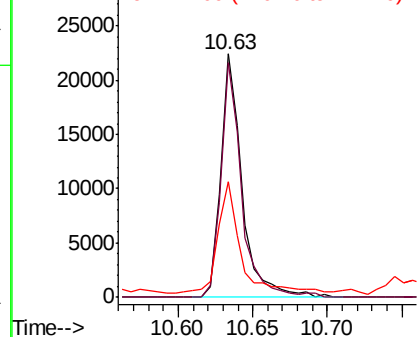
Tot Ion:	330	Resp:	22320
Ion Ratio	Lower	Upper	
330	100		
332	93.8	78.0	117.0
141	47.8	35.8	53.6

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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: 31.968 ng

RT: 9.16 min Scan# 1203

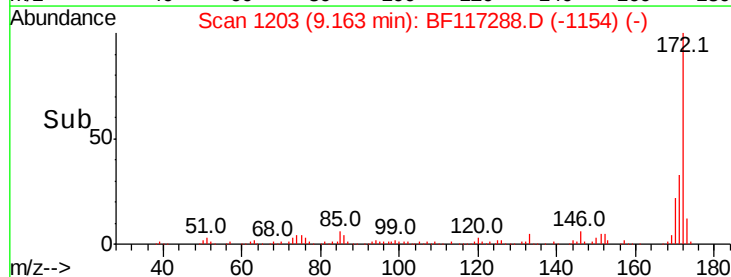
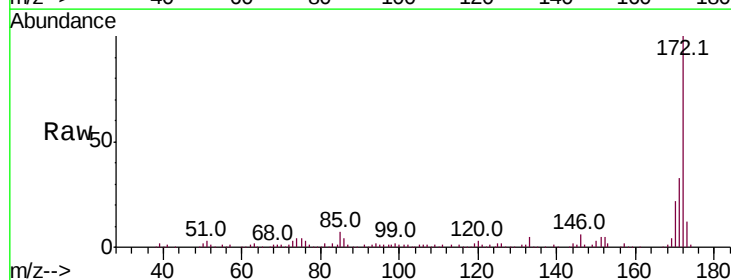
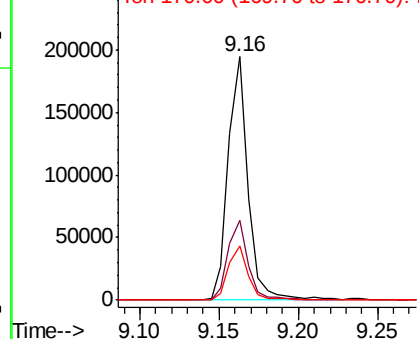
Delta R.T. -0.01 min

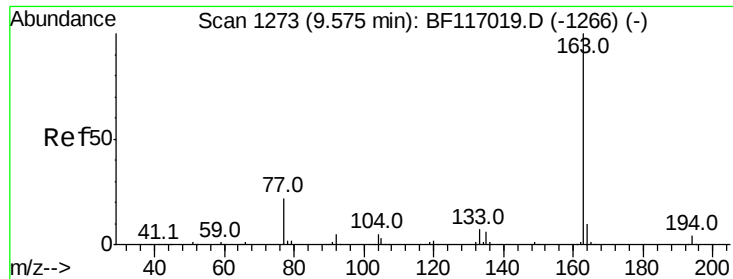
Lab File: BF117288.D

Acq: 1 Oct 2019 20:29

Tgt Ion:	172	Resp:	169270
Ion Ratio	Lower	Upper	
172	100		
171	33.0	28.2	42.2
170	22.3	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





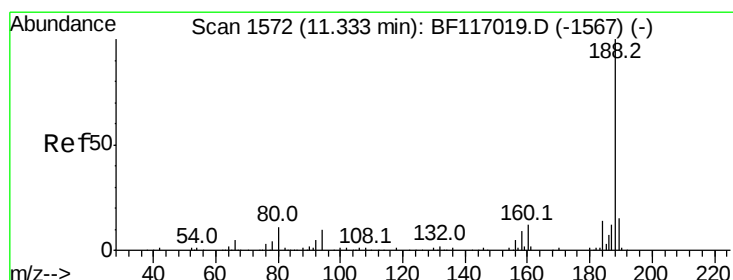
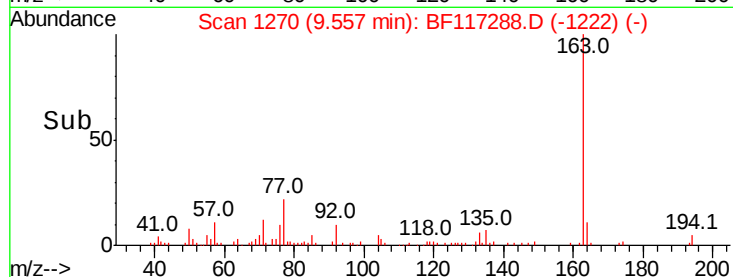
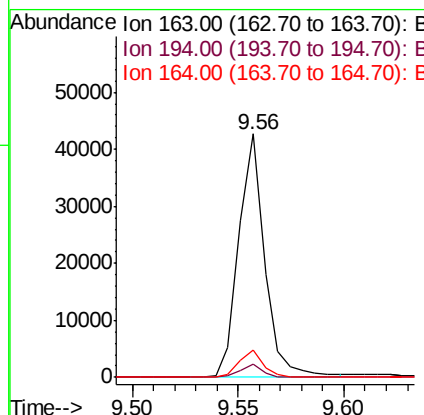
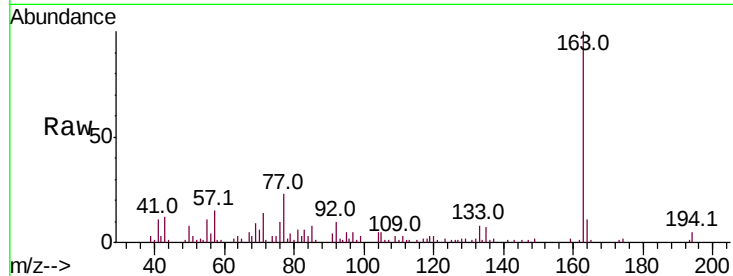
#50
Dimethylphthalate
Concen: 6.239 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF117288.D
Acq: 1 Oct 2019 20:29

Instrument :
BNA_F
ClientSampleId :
JC-02-093019-B

Tot Ion	Ratio	Lower	Upper
163	100		
194	5.3	2.9	4.3#
164	11.4	8.2	12.4

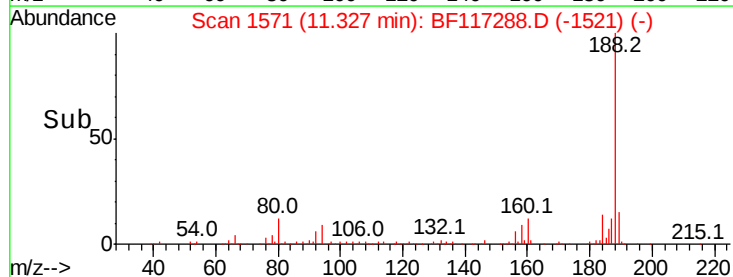
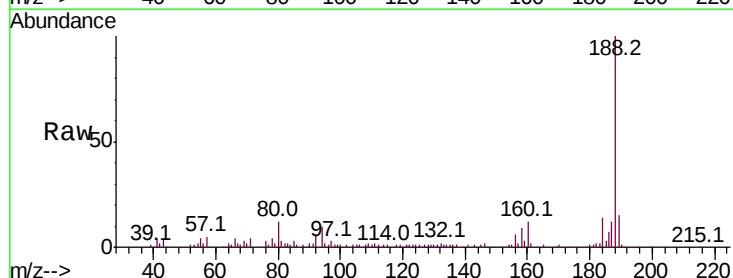
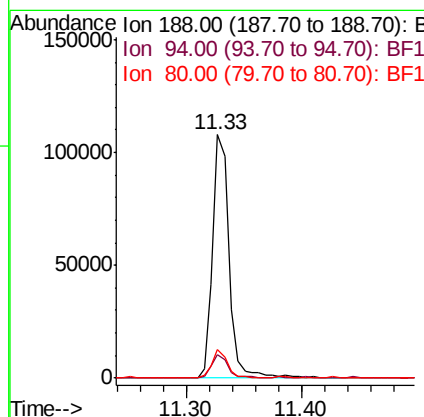
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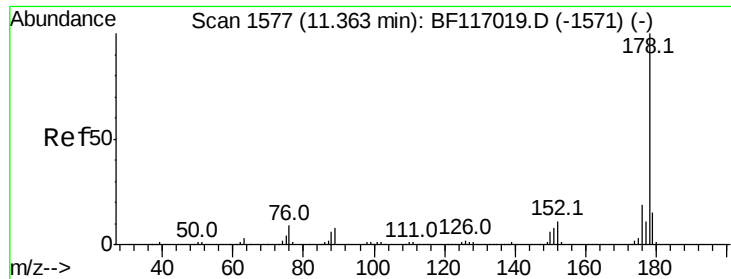
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF117288.D
Acq: 1 Oct 2019 20:29

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.2	12.2
80	11.8	9.0	13.6





#71

Phenanthrene

Concen: 2.388 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BF117288.D

Acq: 1 Oct 2019 20:29

Instrument :

BNA_F

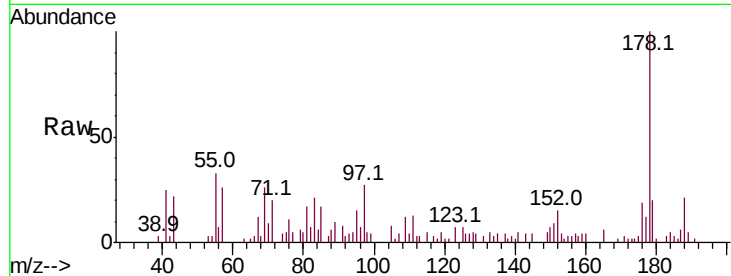
ClientSampleId :

JC-02-093019-B

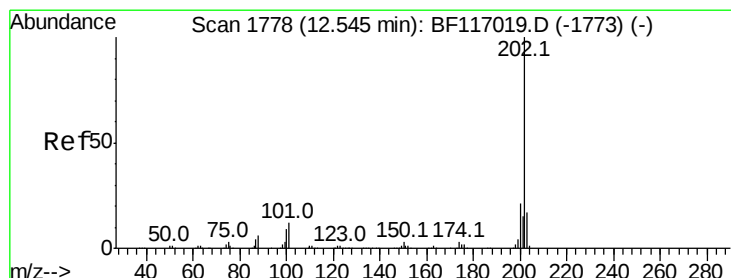
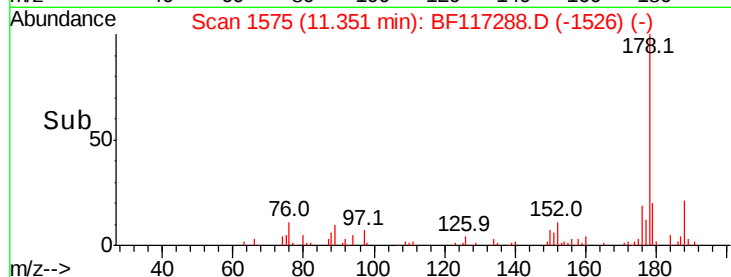
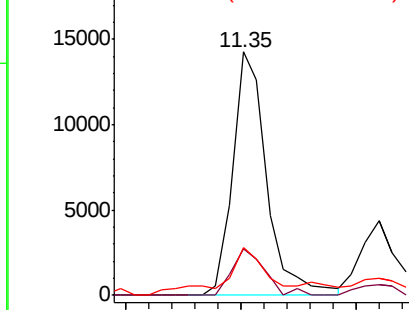
Tot Ion:	178	Resp:	14613
Ion Ratio	Lower	Upper	
178	100		
176	19.2	15.4	23.2
179	19.5	12.4	18.6#

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#75

Fluoranthene

Concen: 3.552 ng

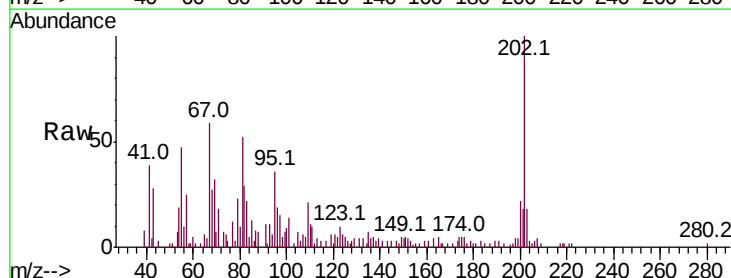
RT: 12.54 min Scan# 1778

Delta R.T. 0.00 min

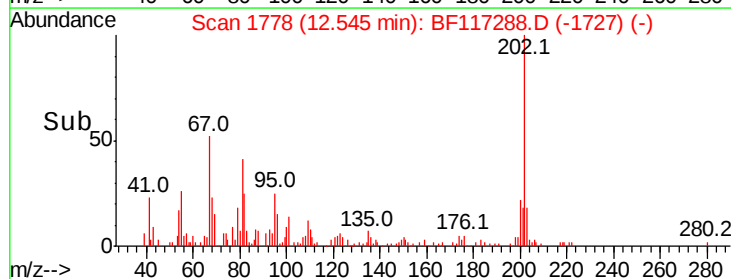
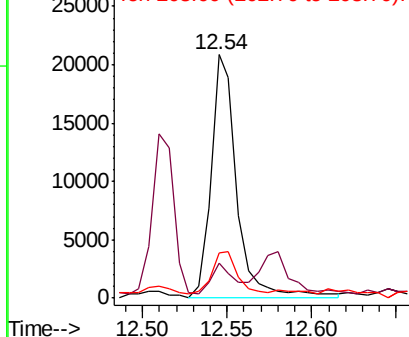
Lab File: BF117288.D

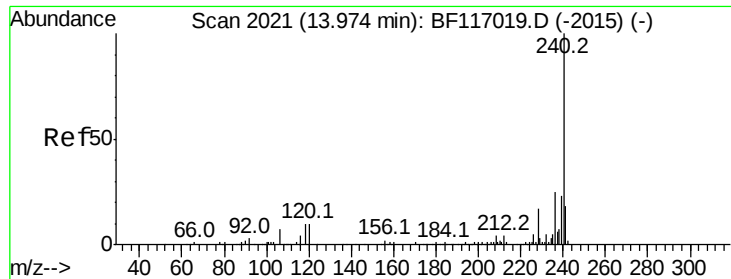
Acq: 1 Oct 2019 20:29

Tgt Ion:	202	Resp:	22331
Ion Ratio	Lower	Upper	
202	100		
101	14.4	0.0	32.3
203	18.4	0.0	37.1



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





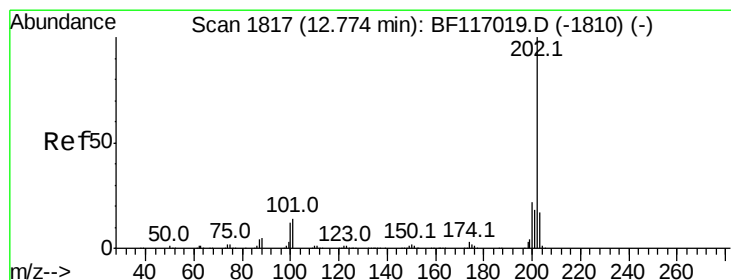
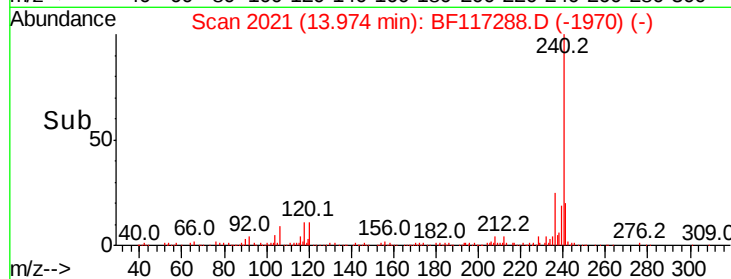
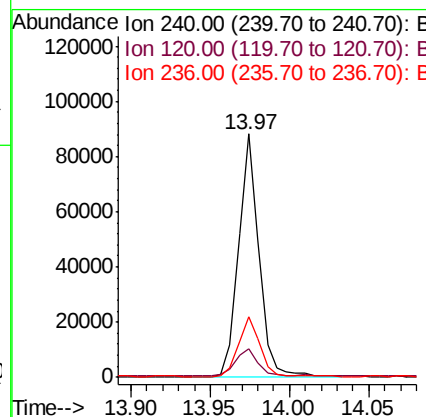
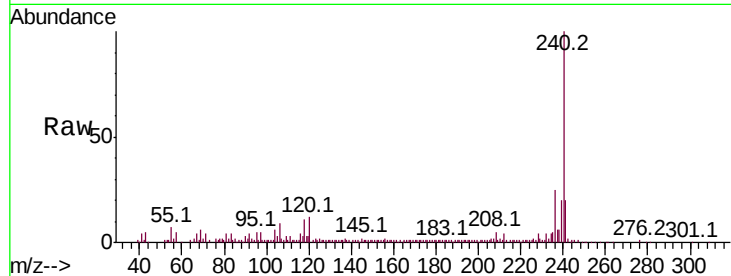
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF117288.D
Acq: 1 Oct 2019 20:29

Instrument :
BNA_F
ClientSampleId :
JC-02-093019-B

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.8	8.3	12.5
236	25.1	20.3	30.5

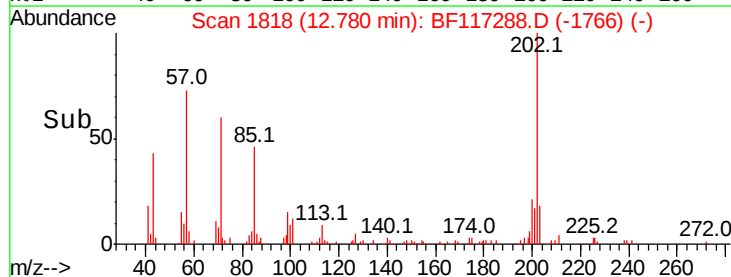
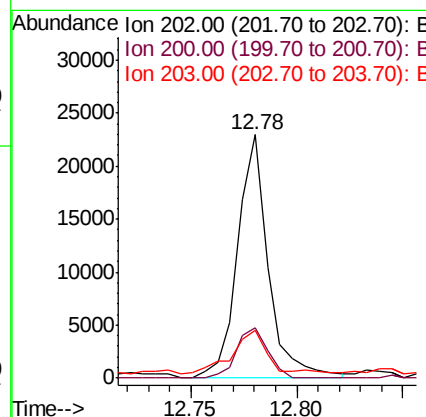
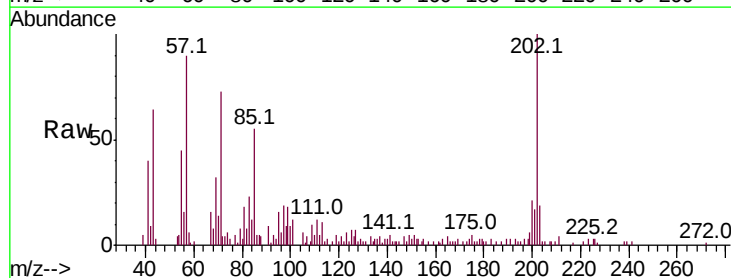
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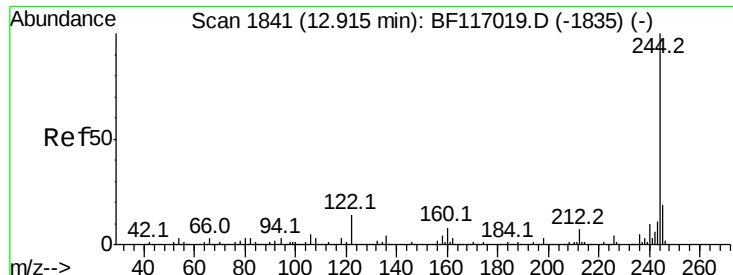
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#78
Pyrene
Concen: 3.448 ng
RT: 12.78 min Scan# 1818
Delta R.T. 0.01 min
Lab File: BF117288.D
Acq: 1 Oct 2019 20:29

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.2	25.8
203	19.4	14.0	21.0





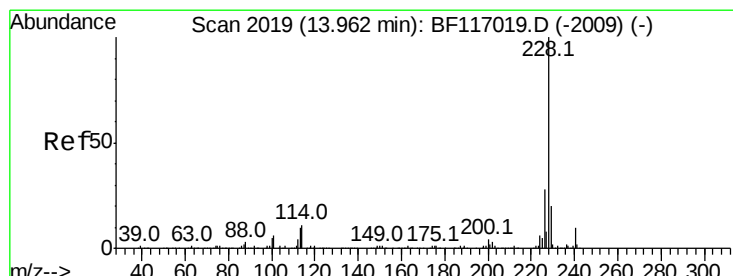
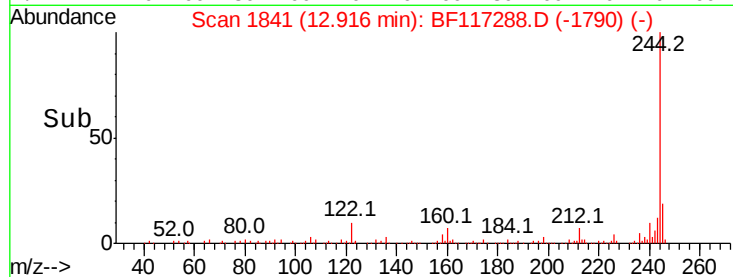
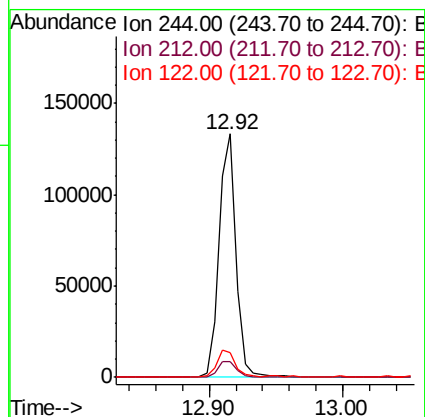
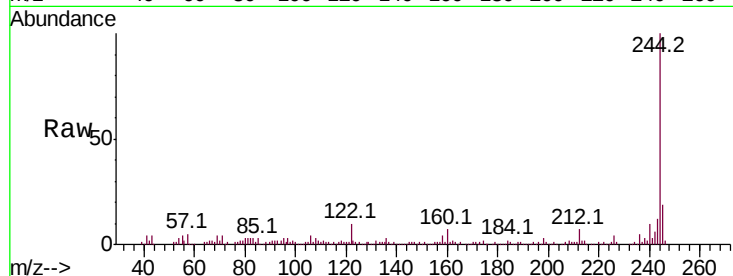
#79
 Terphenyl-d14
 Concen: 28.083 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BF117288.D
 Acq: 1 Oct 2019 20:29

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-093019-B

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.8
122	10.3	11.3	16.9#

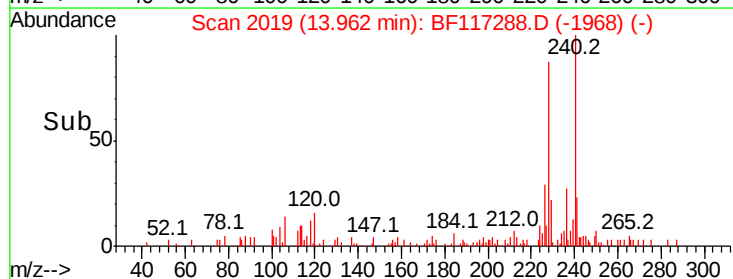
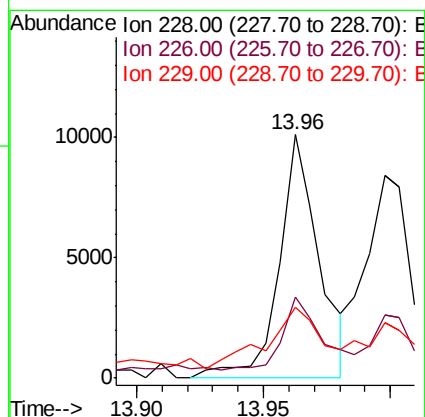
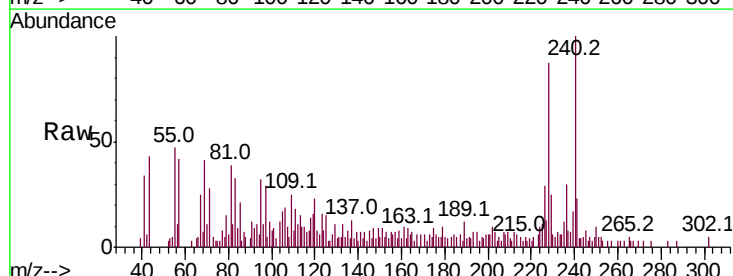
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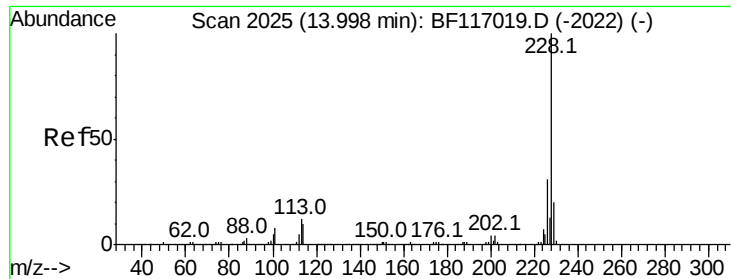
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#81
 Benzo(a)anthracene
 Concen: 2.087 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.00 min
 Lab File: BF117288.D
 Acq: 1 Oct 2019 20:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.5	22.3	33.5
229	28.9	15.9	23.9#





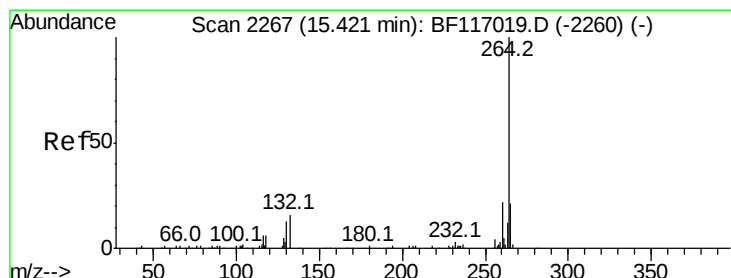
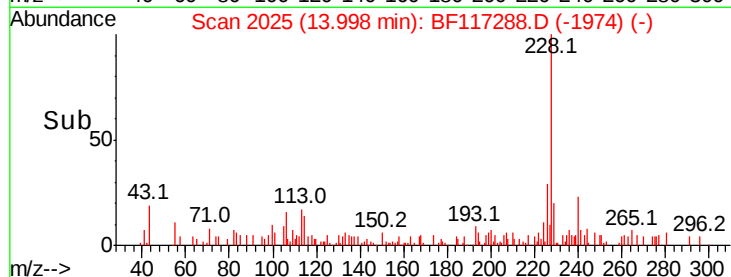
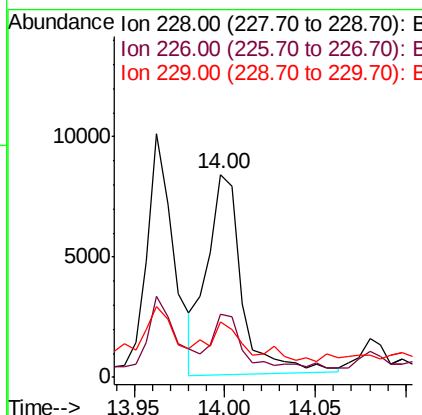
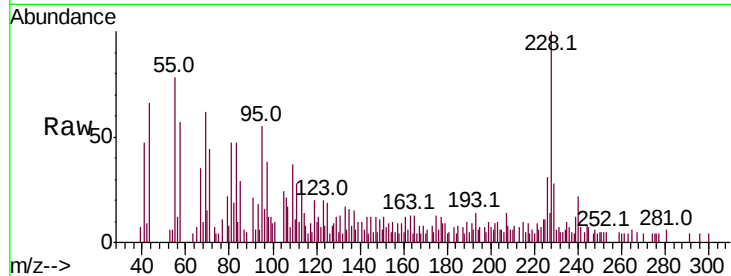
#83
Chrysene
Concen: 2.145 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF117288.D
Acq: 1 Oct 2019 20:29

Instrument :
BNA_F
ClientSampleId :
JC-02-093019-B

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.8	37.2
229	27.6	15.8	23.8

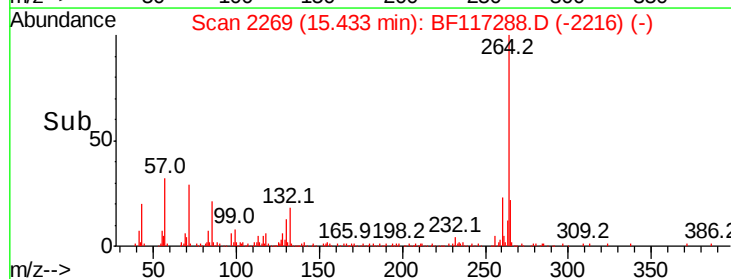
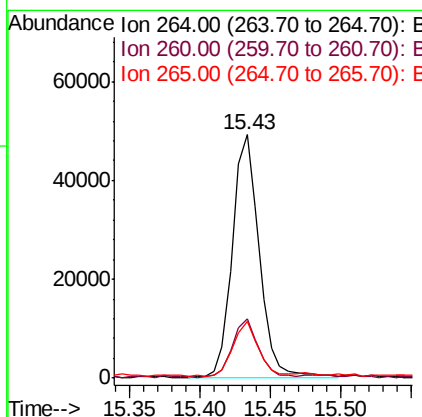
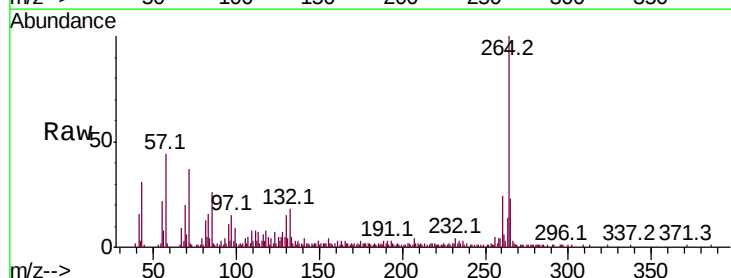
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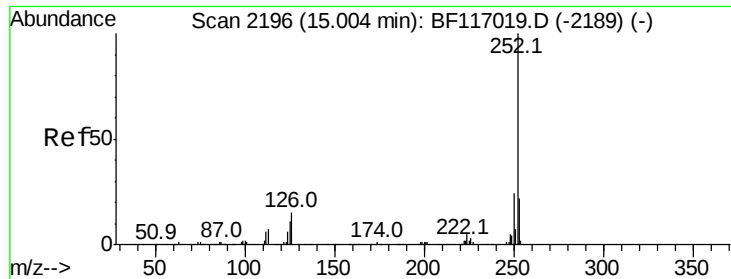
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BF117288.D
Acq: 1 Oct 2019 20:29

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	17.6	26.4
265	23.2	16.6	24.8





#88
 Benzo(b)fluoranthene
 Concen: 2.775 ng m
 RT: 15.02 min Scan# 2198
 Delta R.T. 0.01 min
 Lab File: BF117288.D
 Acq: 1 Oct 2019 20:29

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-093019-B

Tot Ion	Ratio	Lower	Upper
252	100		
253	39.7	17.6	26.4#
125	38.6	8.6	12.8#

Manual Integrations
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