

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092019\
 Data File : BF117204.D
 Acq On : 20 Sep 2019 23:36
 Operator : HP/JU
 Sample : K4964-02DL 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2DL

Manual Integrations
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mohammad
 9/24/2019 9:13:01 AM

Quant Time: Sep 21 01:28:48 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	6.82	152	38189	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	154787	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	73919	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	93538	20.00	ng	0.00
76) Chrysene-d12	13.98	240	50579	20.00	ng	0.00
87) Perylene-d12	15.43	264	47085	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	41134	16.82	ng	0.00
7) Phenol-d6	6.46	99	55909	17.69	ng	0.00
23) Nitrobenzene-d5	7.38	82	33958	11.53	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	9589	15.52	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	72640	15.37	ng	0.00
79) Terphenyl-d14	12.92	244	43342	16.02	ng	0.00
Target Compounds						
75) Fluoranthene	12.55	202	15817	2.897	ng	Qvalue 100
78) Pyrene	12.78	202	14808	3.489	ng	97
81) Benzo(a)anthracene	13.97	228	8525	2.523	ng	95
83) Chrysene	14.00	228	7595	2.304	ng	97
88) Benzo(b)fluoranthene	15.01	252	8788m	3.081	ng	
90) Benzo(a)pyrene	15.37	252	7107	2.840	ng	# 87

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

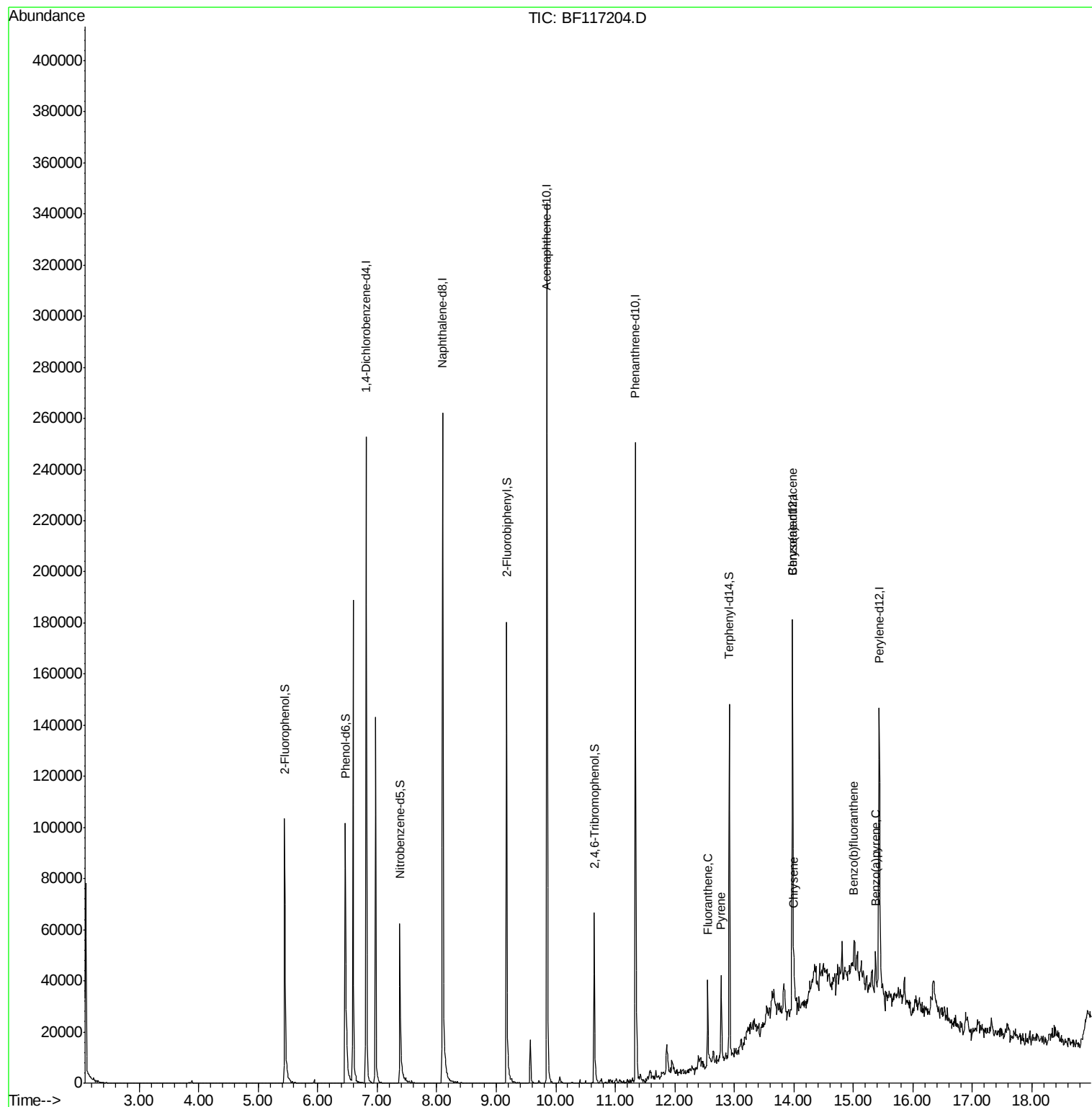
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092019\
Data File : BF117204.D
Acq On : 20 Sep 2019 23:36
Operator : HP/JU
Sample : K4964-02DL 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

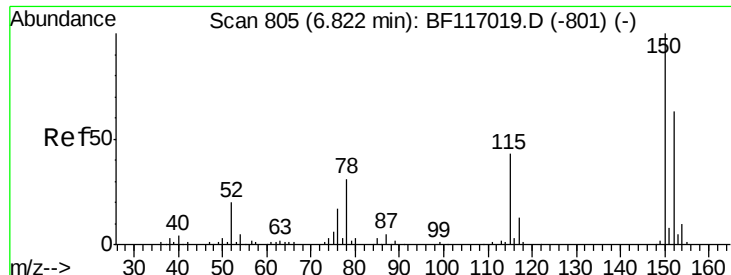
Instrument :
BNA_F
ClientSampleId :
SB-2DL

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Quant Time: Sep 21 01:28:48 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

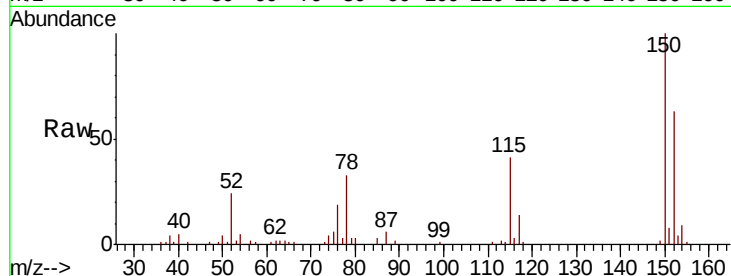
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF117204.D
Acq: 20 Sep 2019 23:36

Instrument :
BNA_F
ClientSampleId :
SB-2DL

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	127.5	191.3
115	65.0	55.0	82.4

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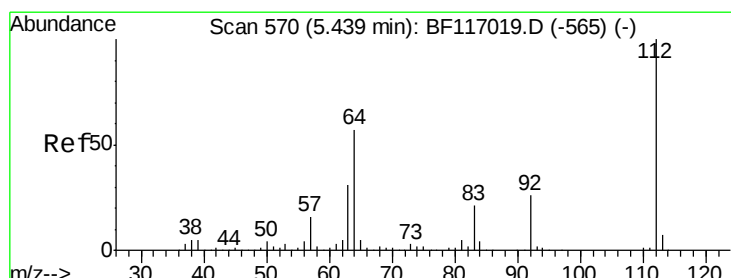
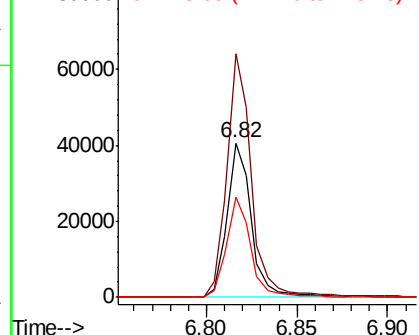
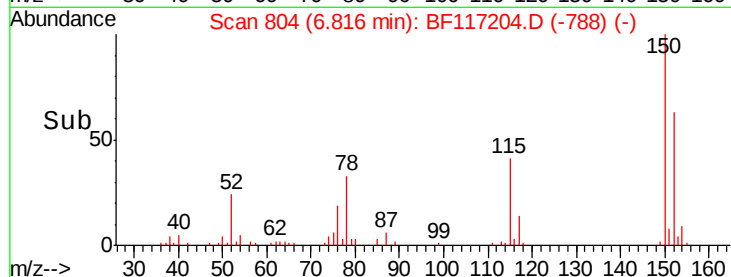


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

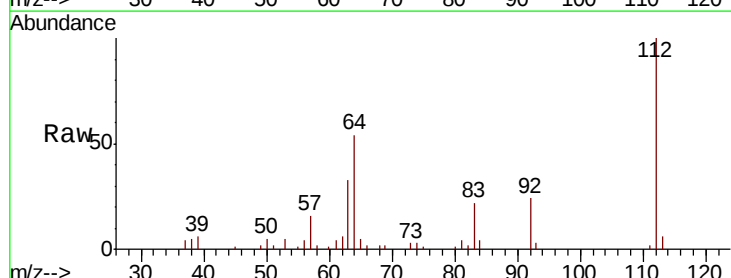
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 16.816 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF117204.D
Acq: 20 Sep 2019 23:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.2	45.7	68.5
63	32.5	24.9	37.3

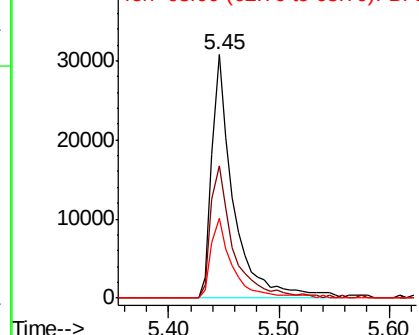
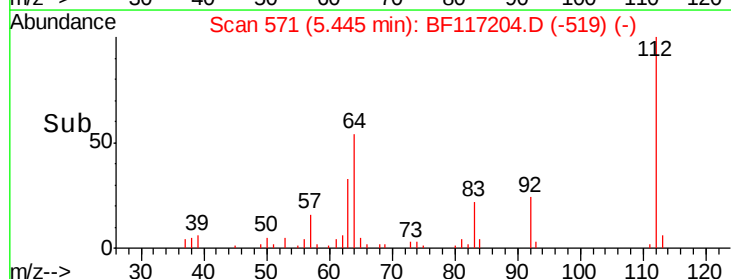


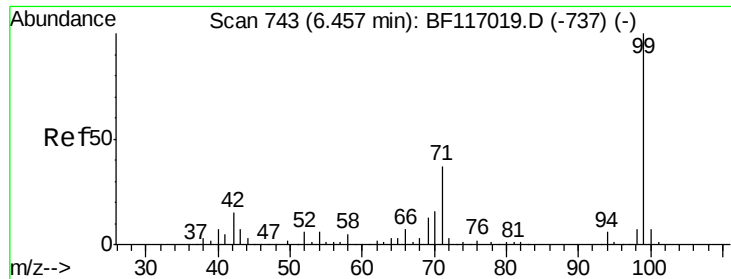
Abundance

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: 17.686 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF117204.D

Acq: 20 Sep 2019 23:36

Instrument :

BNA_F

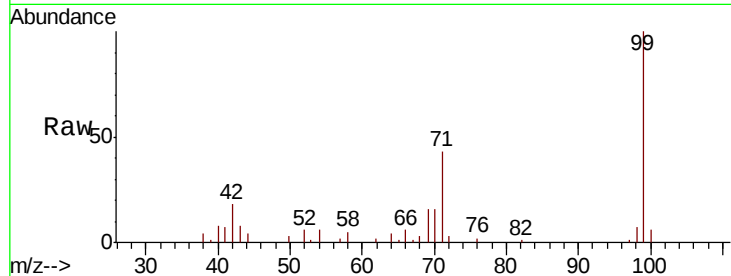
ClientSampled :

SB-2DL

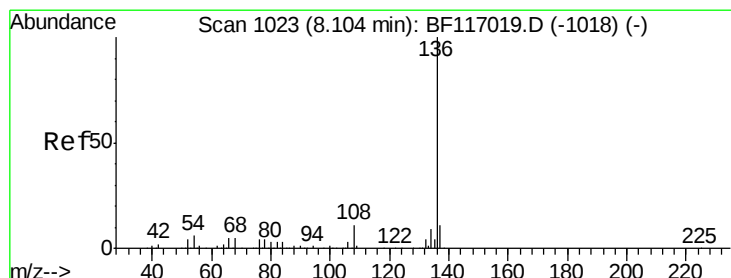
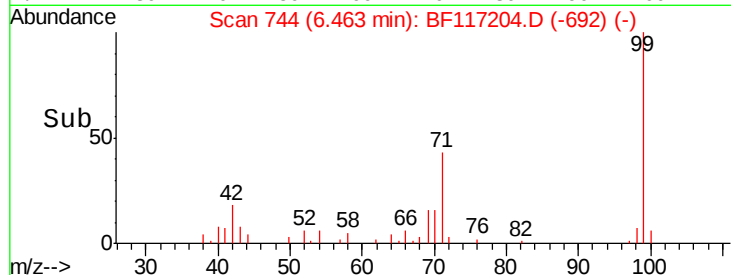
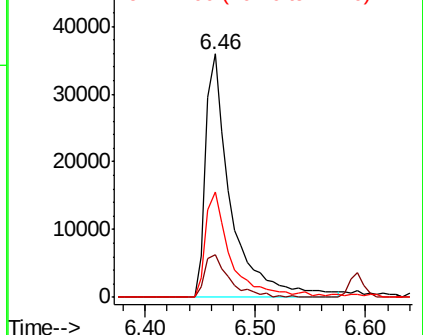
Tot Ion:	99	Resp:	55909
Ion	Ratio	Lower	Upper
99	100		
42	17.5	12.2	18.2
71	43.1	29.8	44.8

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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: 8.10 min Scan# 1022

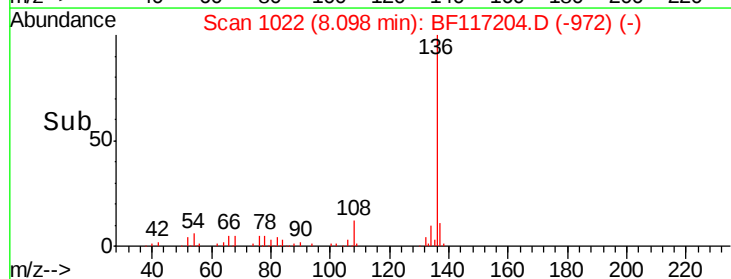
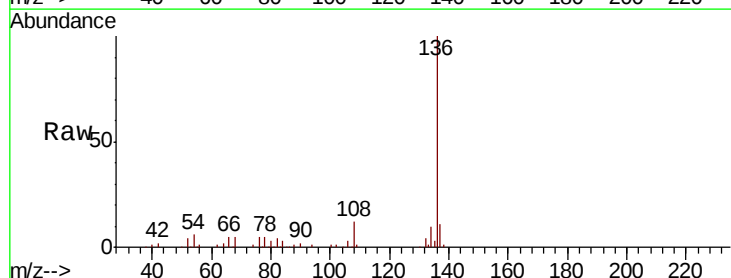
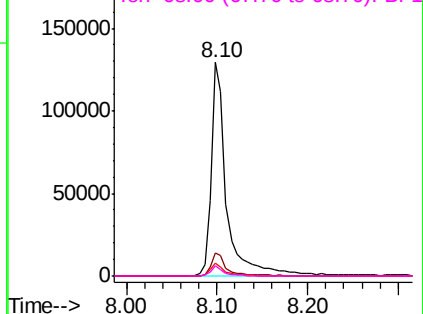
Delta R.T. -0.01 min

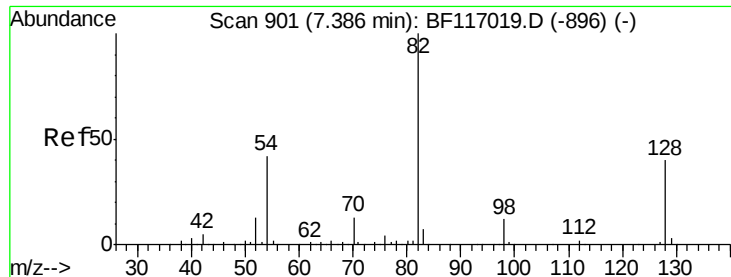
Lab File: BF117204.D

Acq: 20 Sep 2019 23:36

Tgt Ion:	136	Resp:	154787
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	6.1	4.5	6.7
68	4.9	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





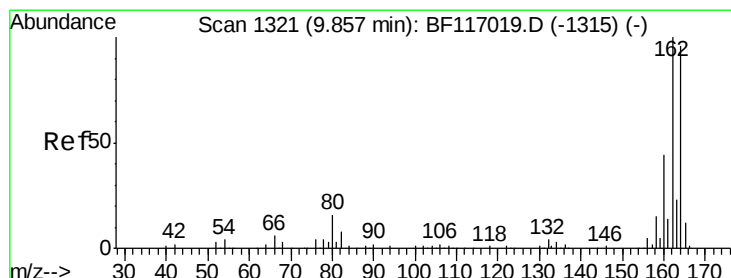
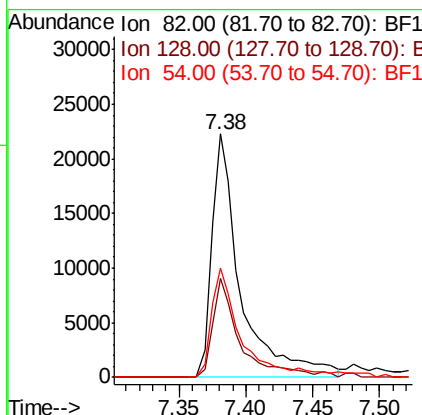
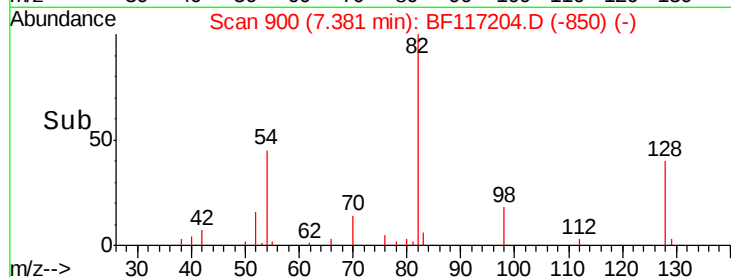
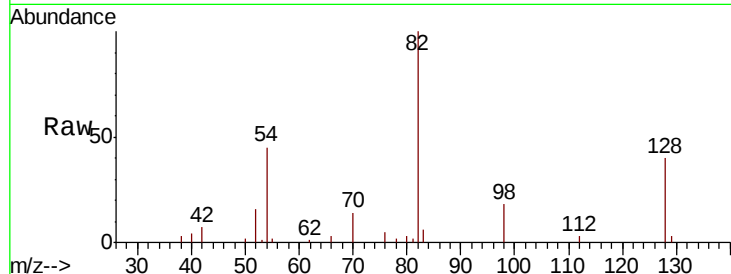
#23
 Nitrobenzene-d5
 Concen: 11.527 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF117204.D
 Acq: 20 Sep 2019 23:36

Instrument :
 BNA_F
 ClientSampled :
 SB-2DL

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	40.5	32.3	48.5	
54	44.8	33.3	49.9	

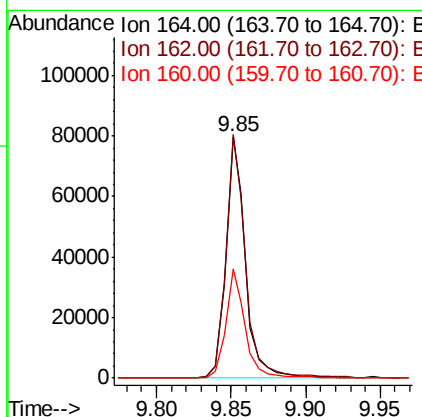
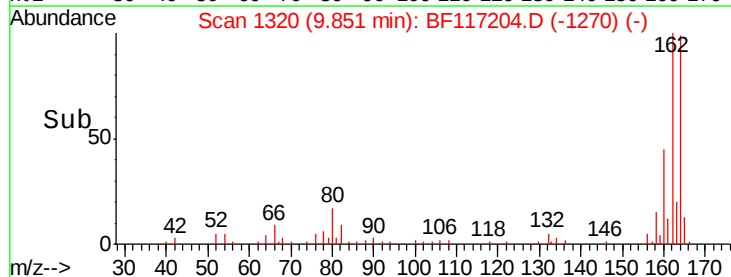
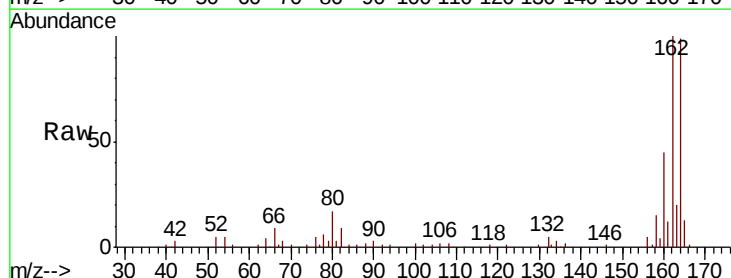
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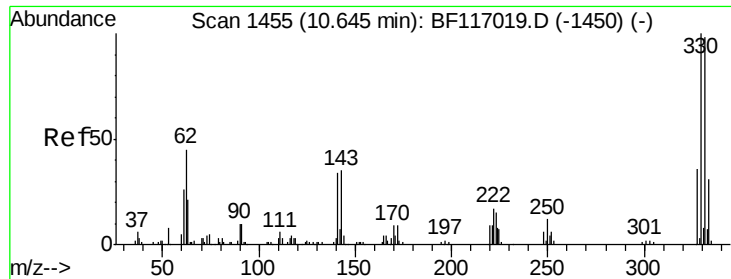
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF117204.D
 Acq: 20 Sep 2019 23:36

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.0	83.4	125.2	
160	45.5	36.4	54.6	





#42

2,4,6-Tribromophenol

Concen: 15.521 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.00 min

Lab File: BF117204.D

Acq: 20 Sep 2019 23:36

Instrument :

BNA_F

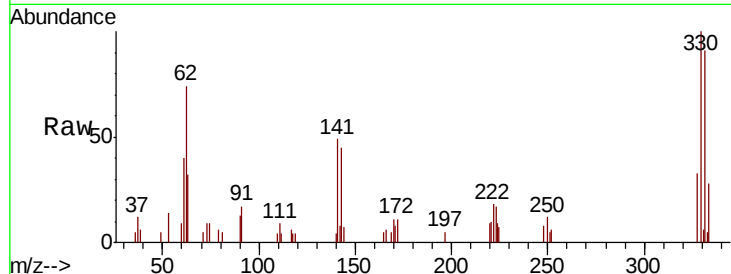
ClientSampled :

SB-2DL

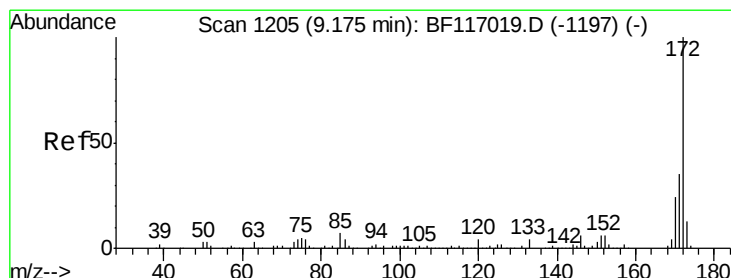
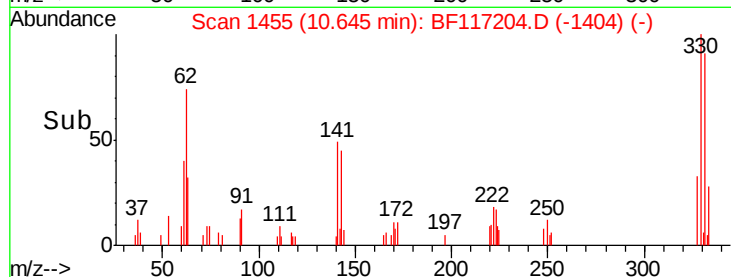
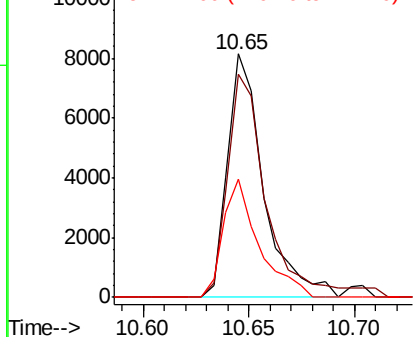
Tot Ion:	330	Resp:	9589
Ion Ratio	Lower	Upper	
330	100		
332	100.2	78.0	117.0
141	47.9	35.8	53.6

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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: 15.365 ng

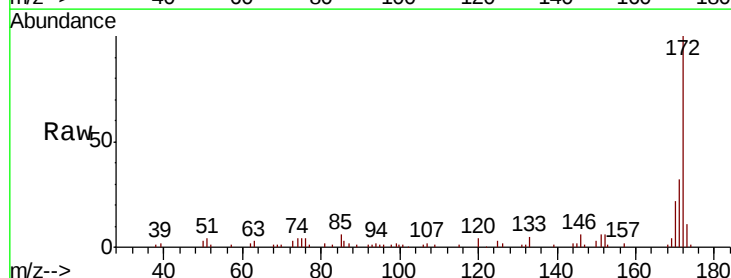
RT: 9.17 min Scan# 1205

Delta R.T. 0.00 min

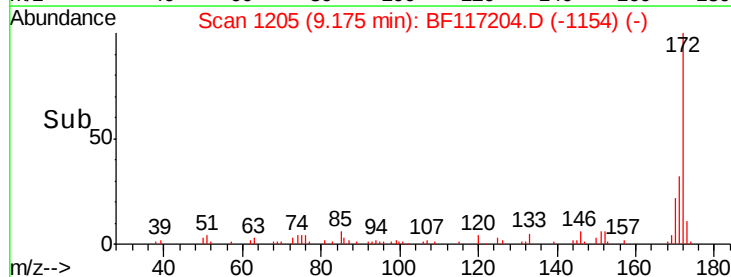
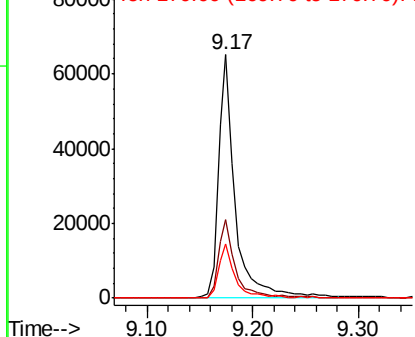
Lab File: BF117204.D

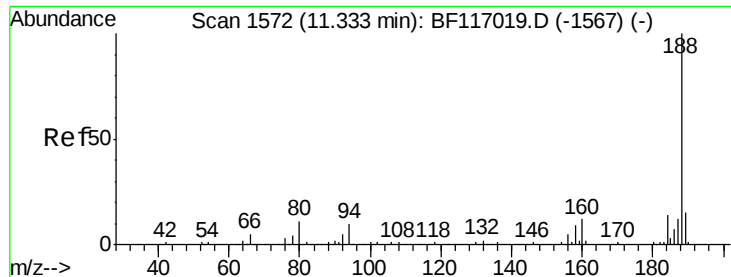
Acq: 20 Sep 2019 23:36

Tgt Ion:	172	Resp:	72640
Ion Ratio	Lower	Upper	
172	100		
171	32.0	28.2	42.2
170	22.1	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





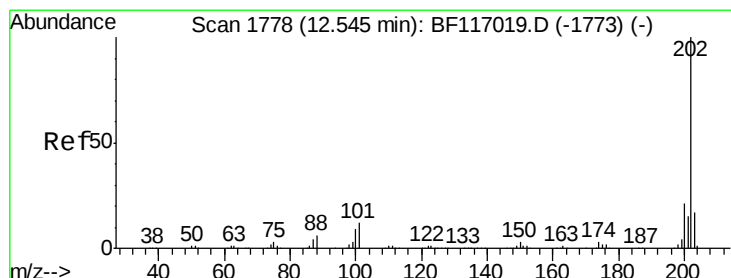
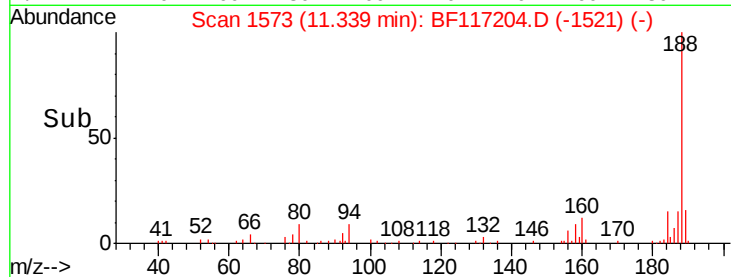
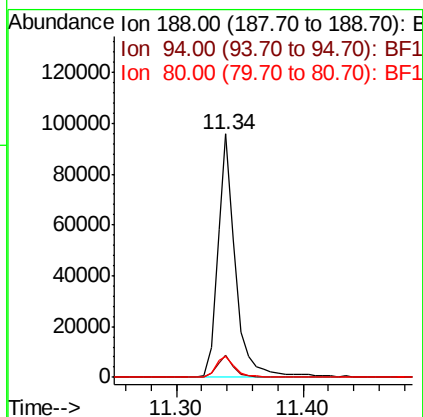
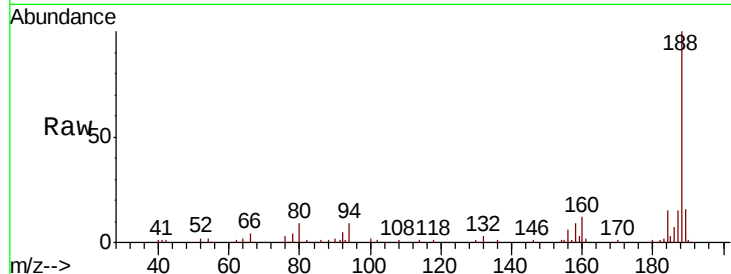
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BF117204.D
Acq: 20 Sep 2019 23:36

Instrument :
BNA_F
ClientSampleId :
SB-2DL

Tot Ion	Ratio	Resp	Lower	Upper
188	100	93538		
94	9.0		8.2	12.2
80	8.7		9.0	13.6

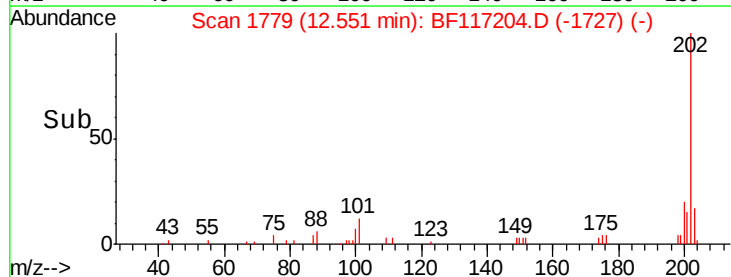
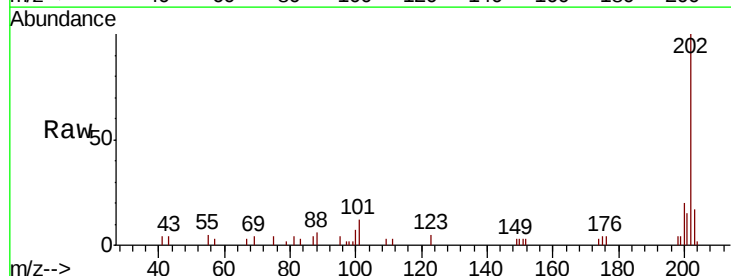
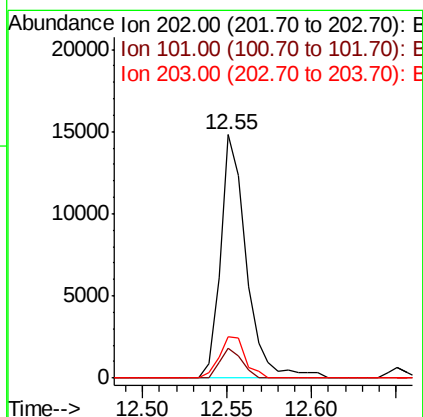
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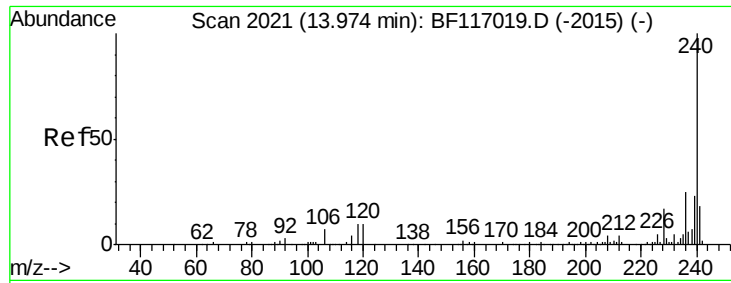
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#75
Fluoranthene
Concen: 2.897 ng
RT: 12.55 min Scan# 1779
Delta R.T. 0.01 min
Lab File: BF117204.D
Acq: 20 Sep 2019 23:36

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	15817		
101	12.5		0.0	32.3
203	17.2		0.0	37.1





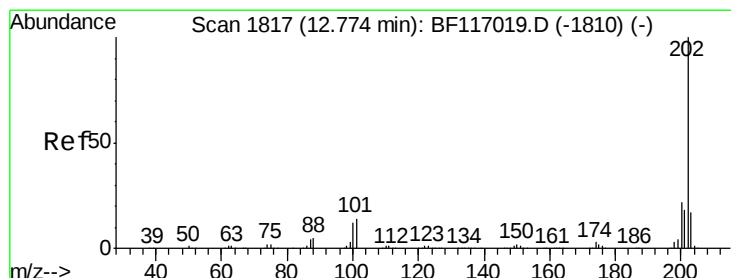
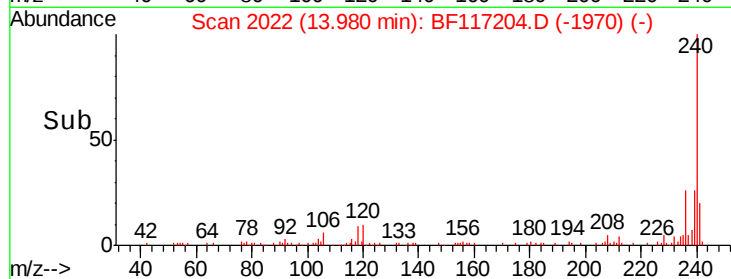
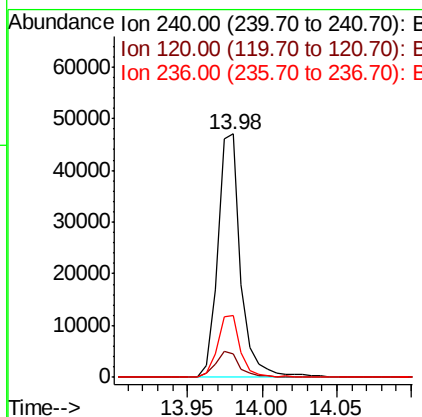
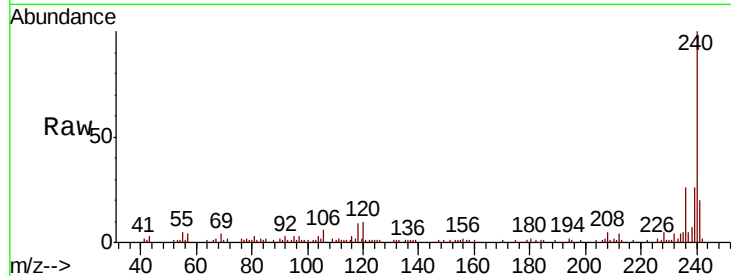
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.01 min
Lab File: BF117204.D
Acq: 20 Sep 2019 23:36

Instrument :
BNA_F
ClientSampleId :
SB-2DL

Tot Ion	Ratio	Resp	Lower	Upper
240	100	50579		
120	9.8		8.3	12.5
236	25.6		20.3	30.5

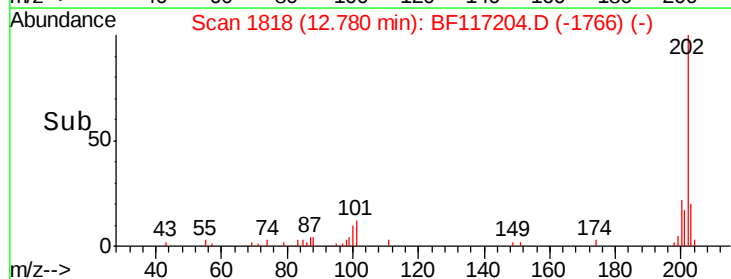
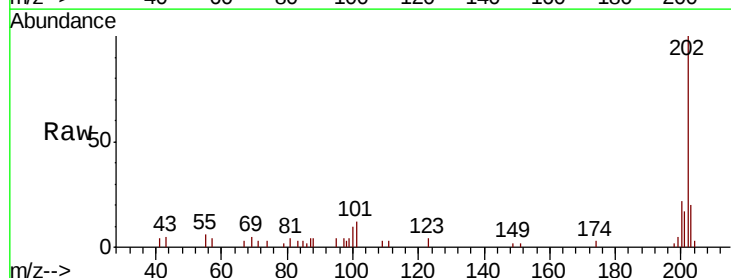
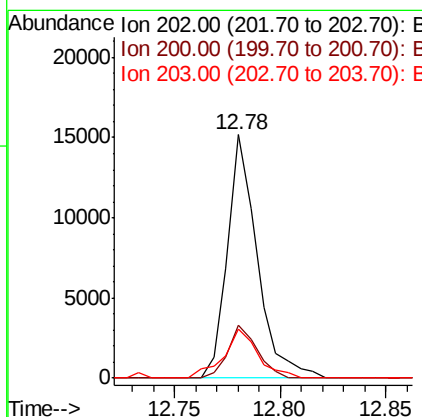
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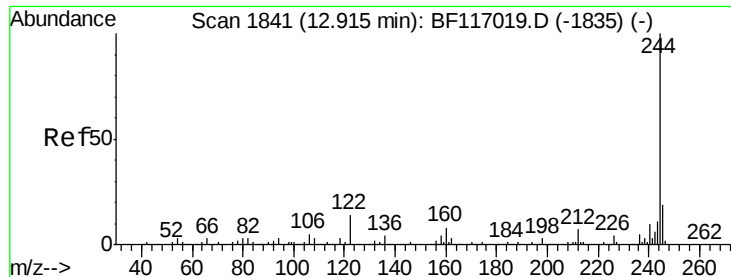
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#78
Pyrene
Concen: 3.489 ng
RT: 12.78 min Scan# 1818
Delta R.T. 0.01 min
Lab File: BF117204.D
Acq: 20 Sep 2019 23:36

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	14808		
200	21.6		17.2	25.8
203	20.4		14.0	21.0





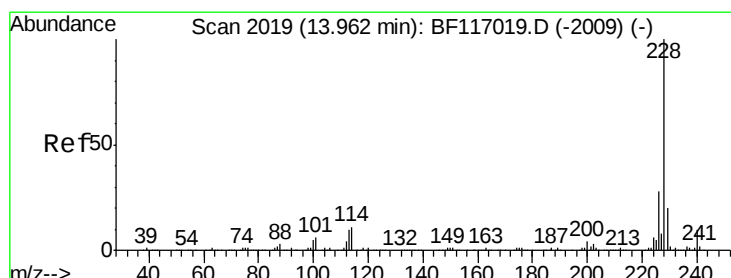
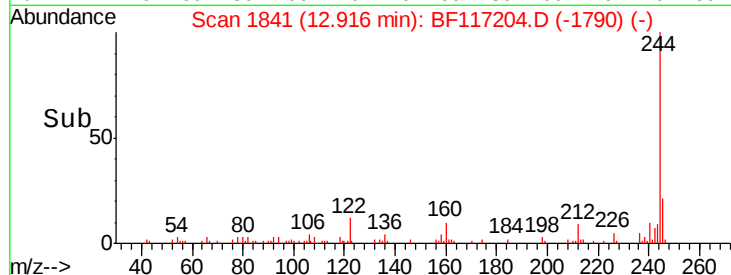
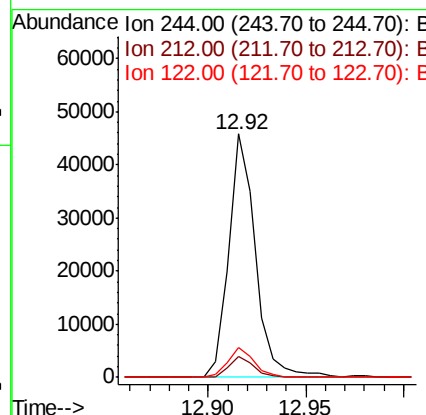
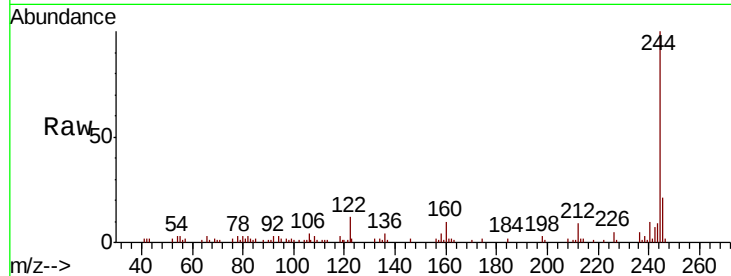
#79
 Terphenyl-d14
 Concen: 16.018 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BF117204.D
 Acq: 20 Sep 2019 23:36

Instrument :
 BNA_F
 ClientSampleId :
 SB-2DL

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.7	5.8	8.8
122	12.0	11.3	16.9

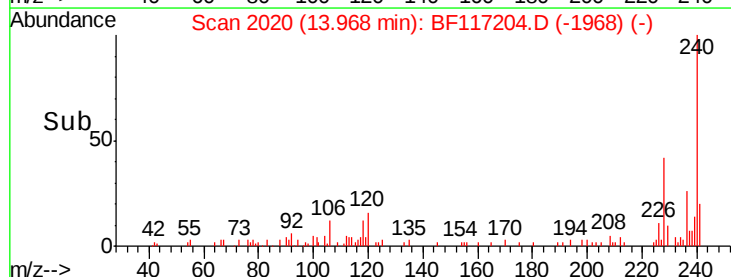
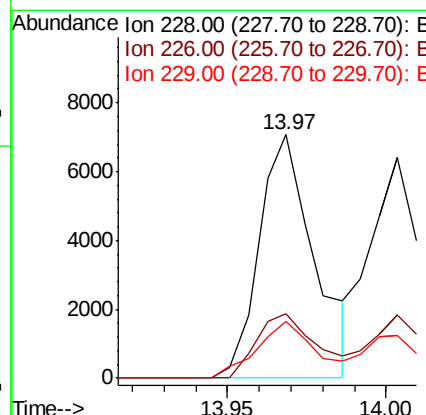
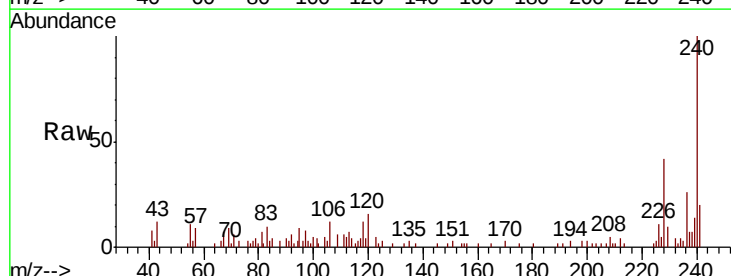
Manual Integrations
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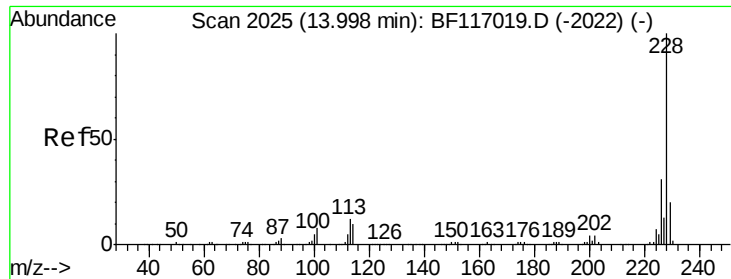
mohammad
 9/24/2019 9:13:01 AM



#81
 Benzo(a)anthracene
 Concen: 2.523 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. 0.01 min
 Lab File: BF117204.D
 Acq: 20 Sep 2019 23:36

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.5	22.3	33.5
229	23.5	15.9	23.9





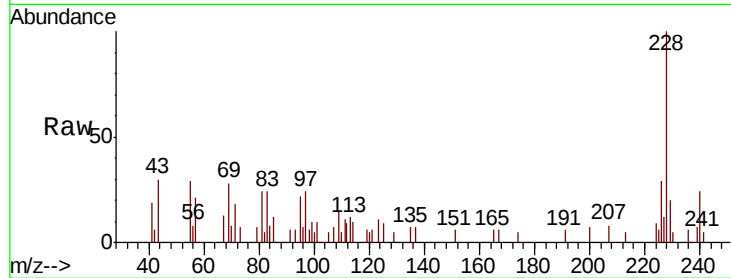
#83
Chrysene
Concen: 2.304 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF117204.D
Acq: 20 Sep 2019 23:36

Instrument :
BNA_F
ClientSampleId :
SB-2DL

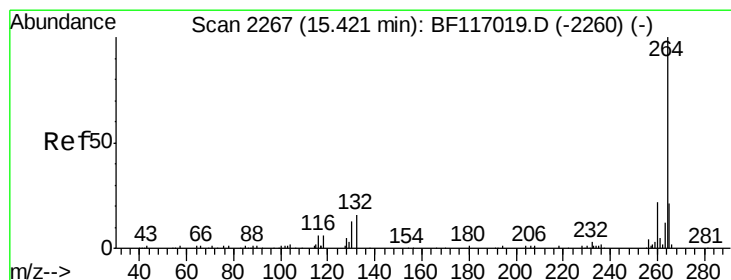
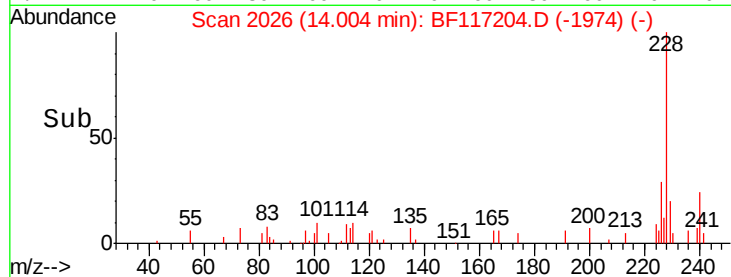
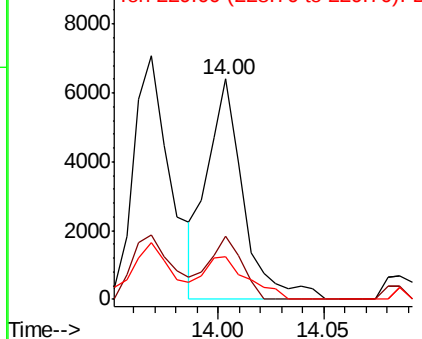
Tot Ion:	228	Resp:	7595
Ion Ratio	Lower	Upper	
228	100		
226	28.8	24.8	37.2
229	19.6	15.8	23.8

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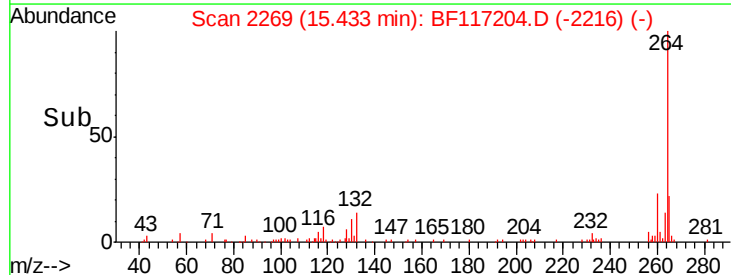
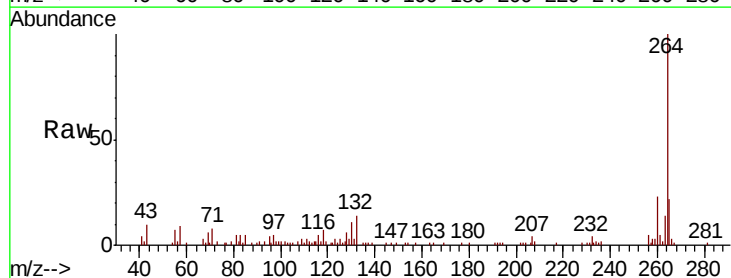
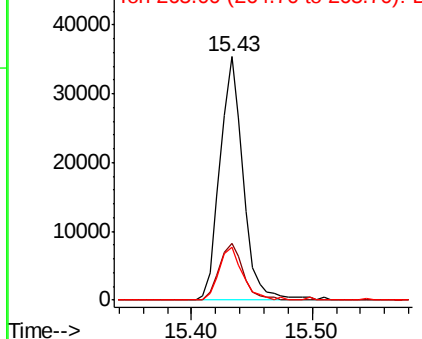
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

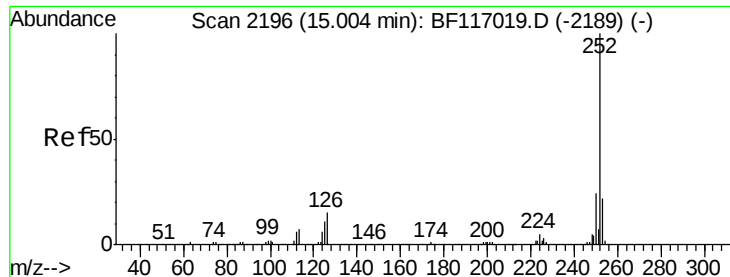


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BF117204.D
Acq: 20 Sep 2019 23:36

Tgt Ion:	264	Resp:	47085
Ion Ratio	Lower	Upper	
264	100		
260	23.1	17.6	26.4
265	21.8	16.6	24.8

Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





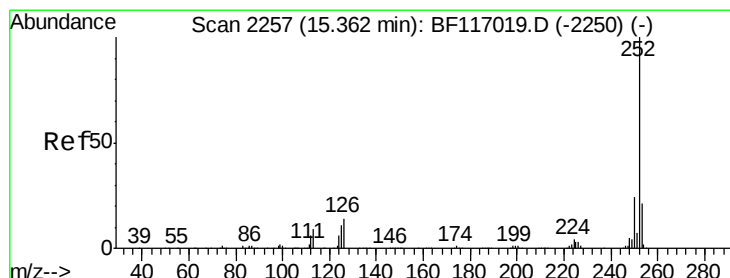
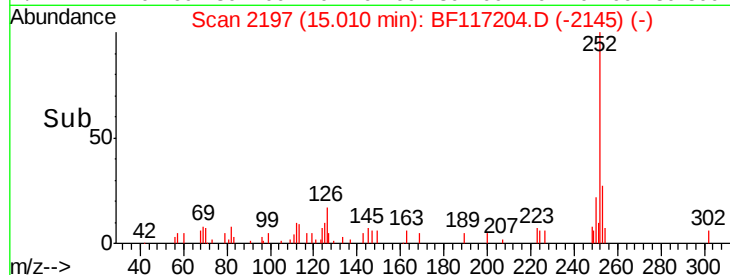
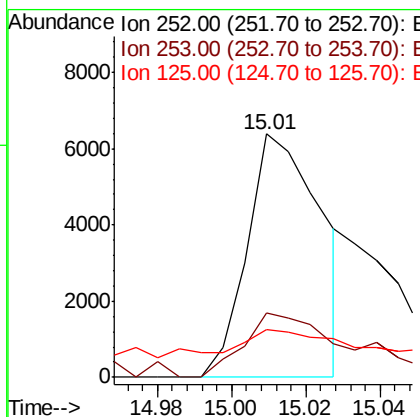
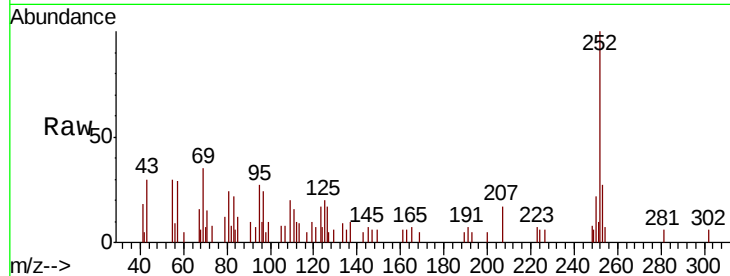
#88
Benzo(b)fluoranthene
Concen: 3.081 ng m
RT: 15.01 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF117204.D
Acq: 20 Sep 2019 23:36

Instrument :
BNA_F
ClientSampleId :
SB-2DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.7	17.6	26.4#
125	19.5	8.6	12.8#

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#90
Benzo(a)pyrene
Concen: 2.840 ng
RT: 15.37 min Scan# 2258
Delta R.T. 0.01 min
Lab File: BF117204.D
Acq: 20 Sep 2019 23:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.1	16.6	25.0
125	24.4	8.9	13.3#

