

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070919\
 Data File : BF115436.D
 Acq On : 9 Jul 2019 16:17
 Operator : HP/JU
 Sample : K3687-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-12017-VNJ-206

Manual Integrations
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 7/10/2019 6:16:46 PM

Quant Time: Jul 10 02:14:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:29:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	164575	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	639064	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	328121	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	668467	20.00	ng	0.00
76) Chrysene-d12	14.23	240	493217	20.00	ng	0.02
87) Perylene-d12	15.92	264	410303	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	922513	86.61	ng	0.00
7) Phenol-d6	6.52	99	1211466	89.43	ng	0.00
23) Nitrobenzene-d5	7.45	82	751971	69.52	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	333655	91.97	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1297632	69.40	ng	0.00
79) Terphenyl-d14	13.05	244	1547543	64.24	ng	0.01
Target Compounds						
50) Dimethylphthalate	9.64	163	441698	17.935	ng	99
75) Fluoranthene	12.65	202	347390	9.385	ng	96
78) Pyrene	12.89	202	308724	8.049	ng	97
83) Chrysene	14.26	228	150632	4.639	ng	97
88) Benzo(b)fluoranthene	15.47	252	87623m	3.280	ng	

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

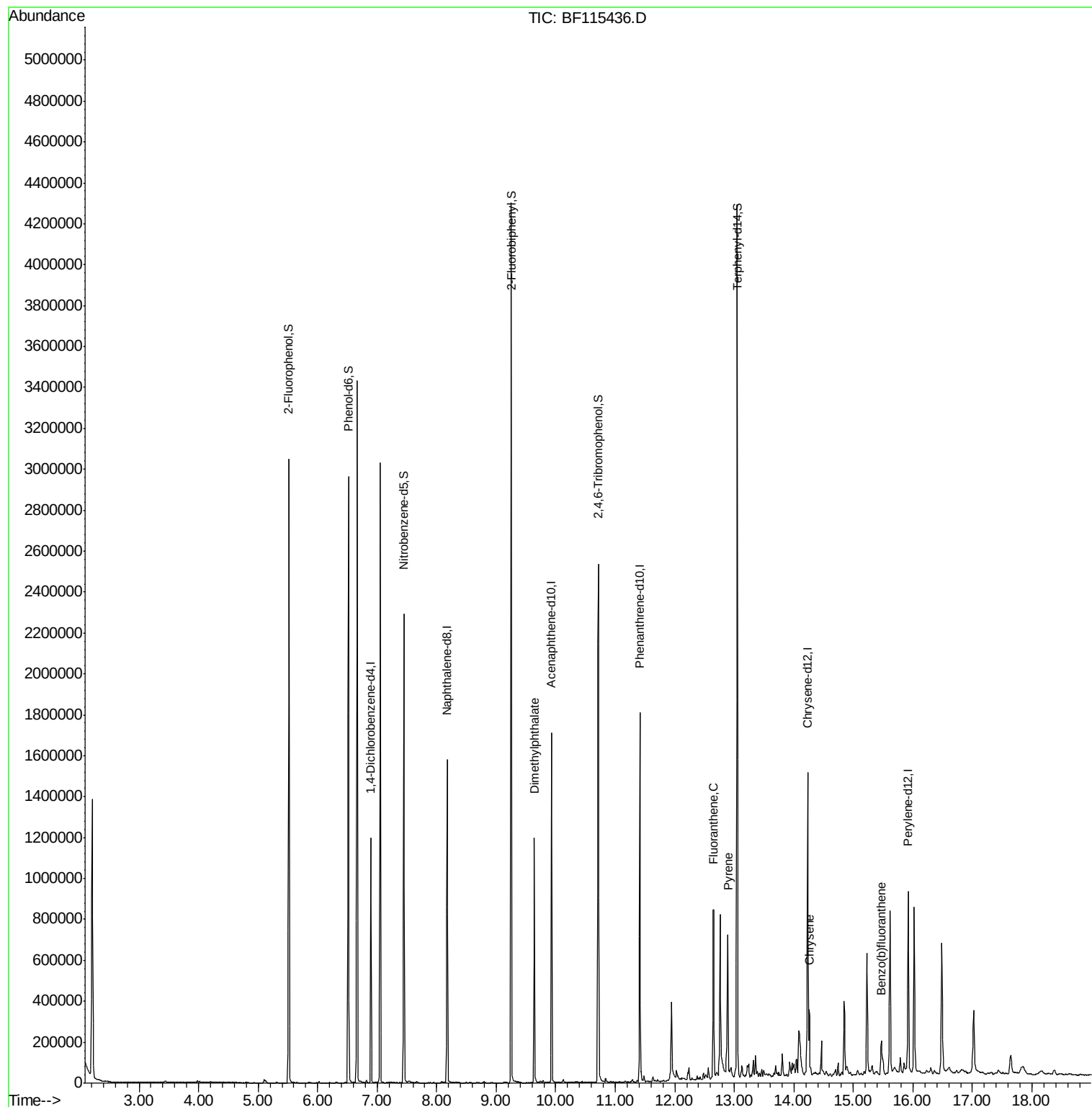
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070919\
Data File : BF115436.D
Acq On : 9 Jul 2019 16:17
Operator : HP/JU
Sample : K3687-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

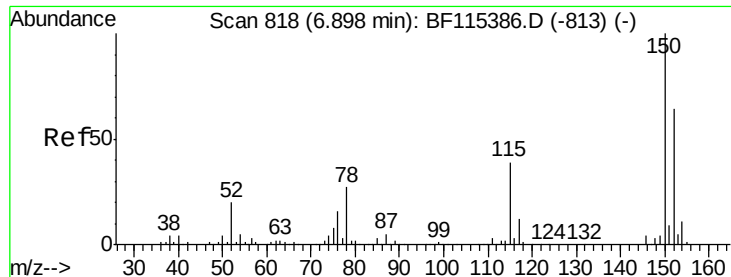
Instrument :
BNA_F
ClientSampleId :
72-12017-VNJ-206

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Quant Time: Jul 10 02:14:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 16:29:09 2019
Response via : Initial Calibration





#1

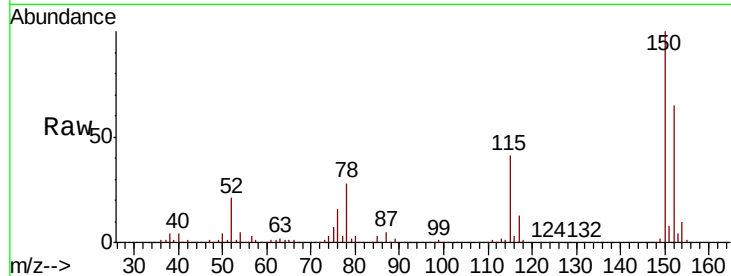
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF115436.D
 Acq: 9 Jul 2019 16:17

Instrument :
 BNA_F
 ClientSampleId :
 72-12017-VNJ-206

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	126.5	189.7
115	63.2	48.6	73.0

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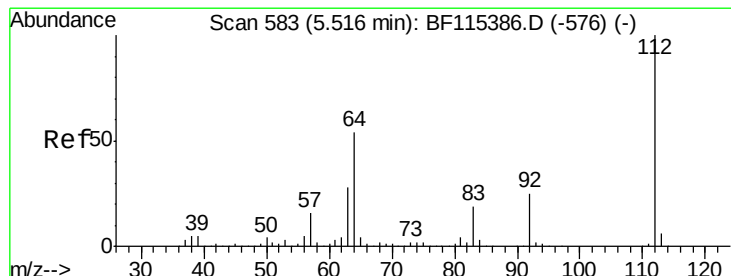
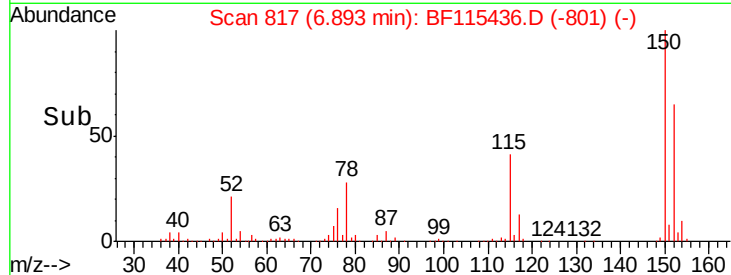
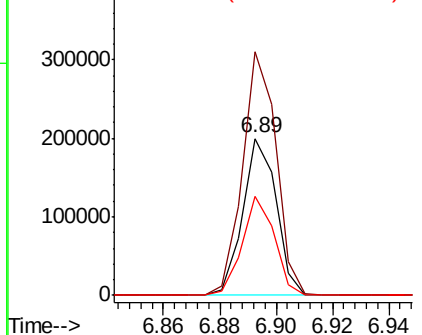


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

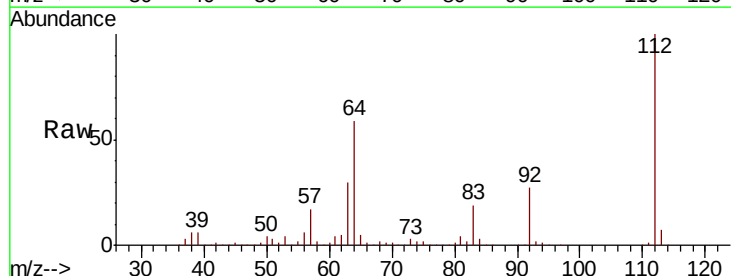
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 86.606 ng
 RT: 5.52 min Scan# 583
 Delta R.T. 0.00 min
 Lab File: BF115436.D
 Acq: 9 Jul 2019 16:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.6	47.0	70.4
63	29.7	23.7	35.5

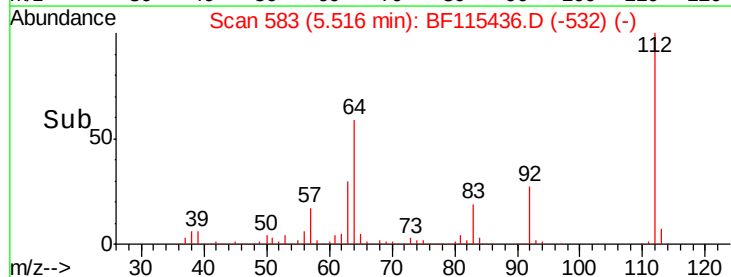
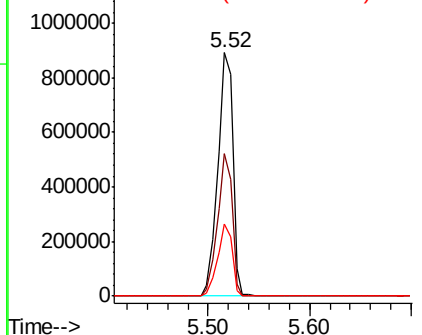


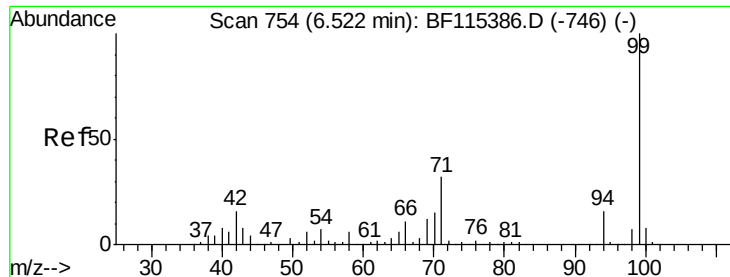
Abundance

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: 89.427 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF115436.D

Acq: 9 Jul 2019 16:17

Instrument :

BNA_F

ClientSampleId :

72-12017-VNJ-206

Tot Ion: 99 Resp: 1211466

Ion Ratio Lower Upper

99 100

42 15.1 12.7 19.1

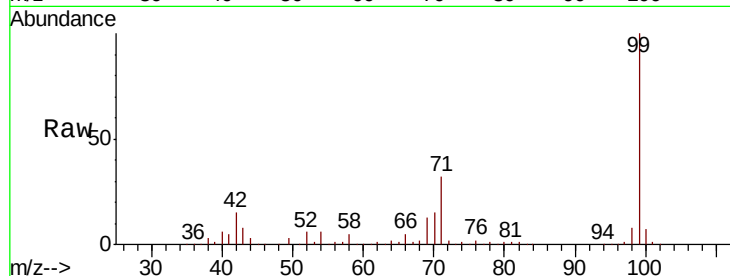
71 32.4 26.2 39.2

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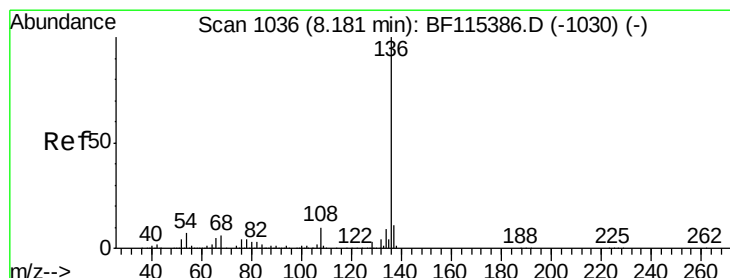
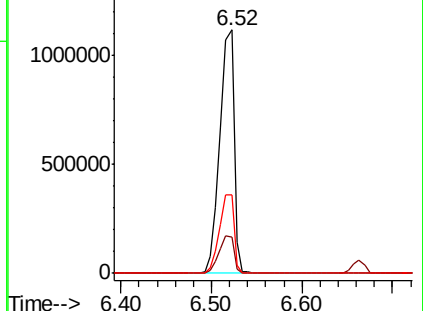
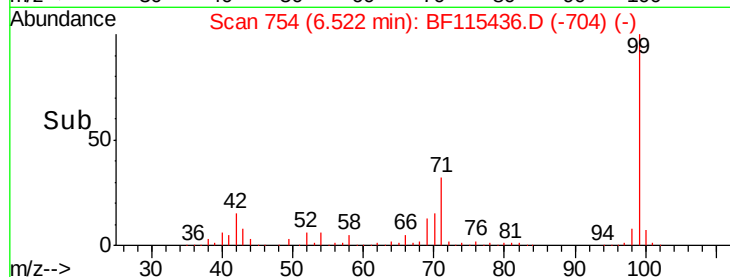
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Abundance Ion 99.00 (98.70 to 99.70): BF1

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: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF115436.D

Acq: 9 Jul 2019 16:17

Tgt Ion: 136 Resp: 639064

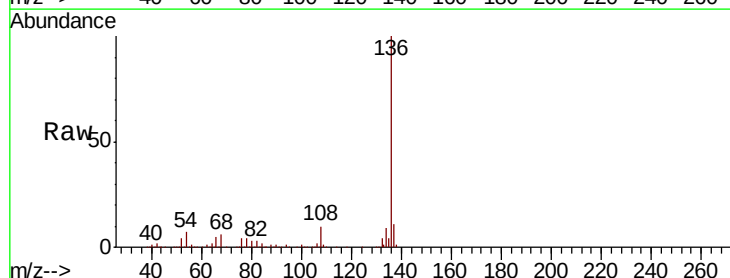
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.1 5.5 8.3

68 6.4 5.1 7.7

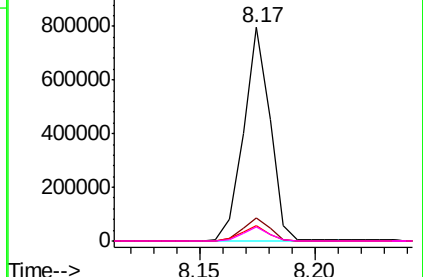
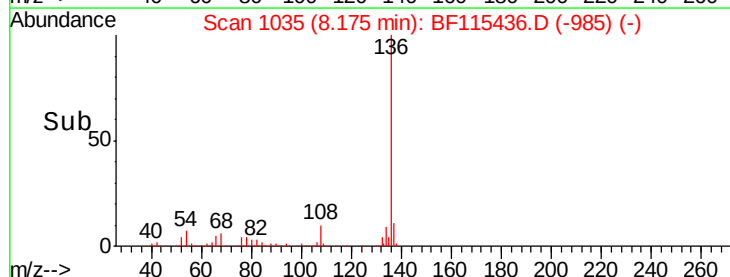


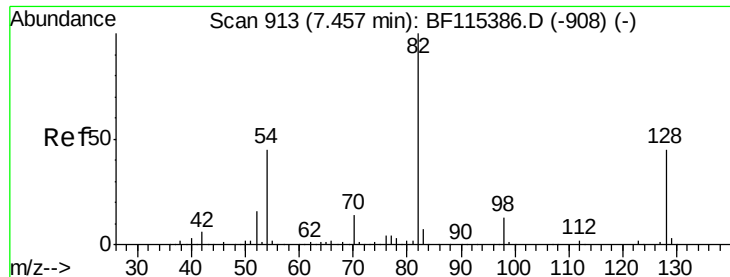
Abundance Ion 136.00 (135.70 to 136.70): E

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





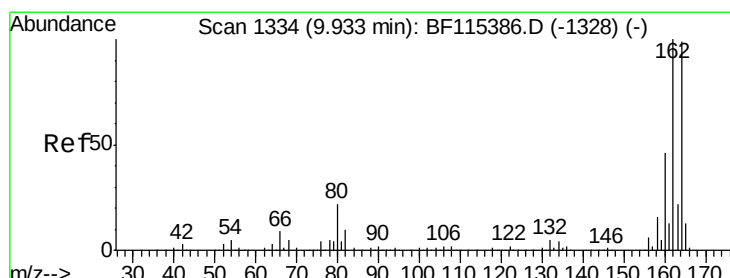
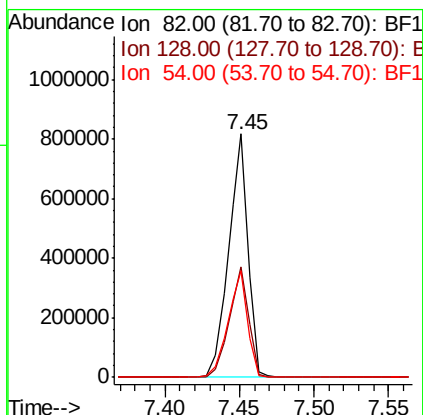
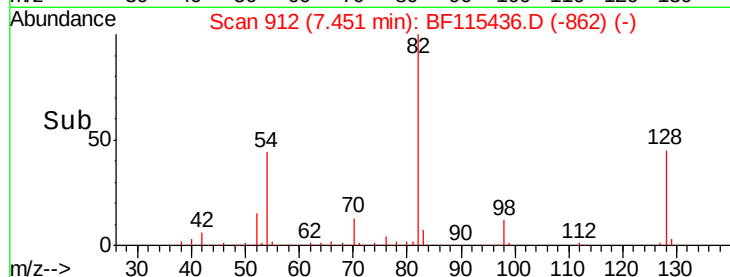
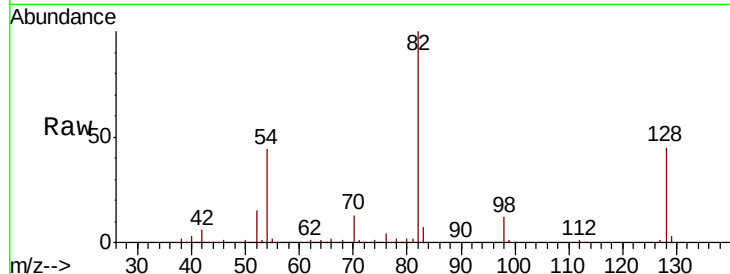
#23
Nitrobenzene-d5
Concen: 69.522 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF115436.D
Acq: 9 Jul 2019 16:17

Instrument :
BNA_F
ClientSampleId :
72-12017-VNJ-206

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.2	54.4
54	44.0	35.4	53.0

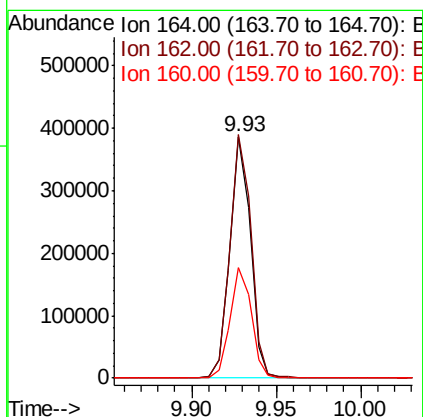
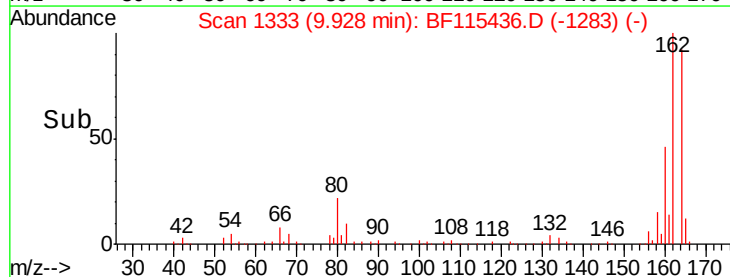
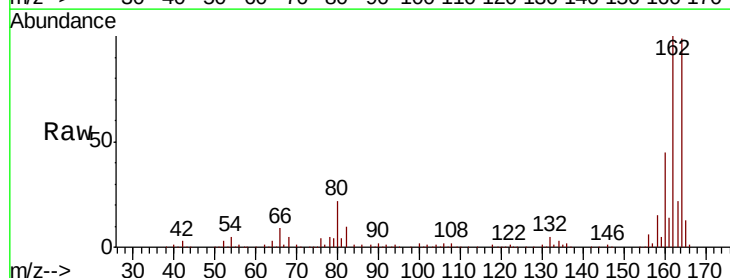
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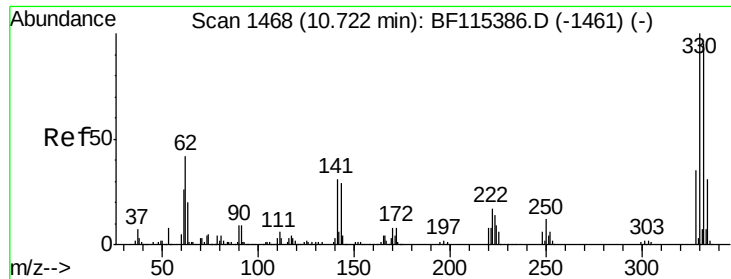
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF115436.D
Acq: 9 Jul 2019 16:17

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.8	81.5	122.3
160	45.7	36.6	55.0





#42

2,4,6-Tribromophenol

Concen: 91.968 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BF115436.D

Acq: 9 Jul 2019 16:17

Instrument :

BNA_F

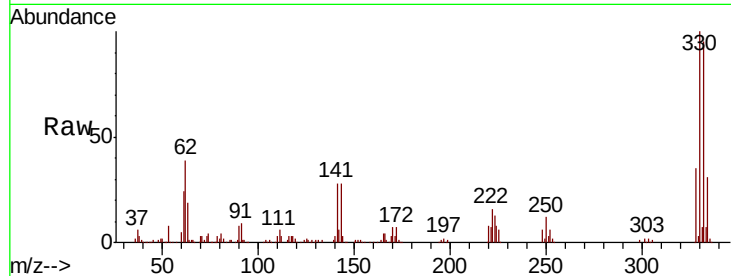
ClientSampleId :

72-12017-VNJ-206

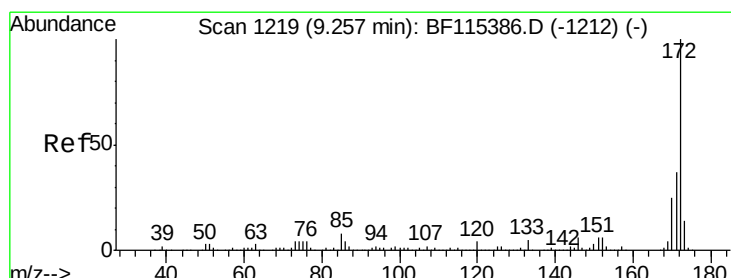
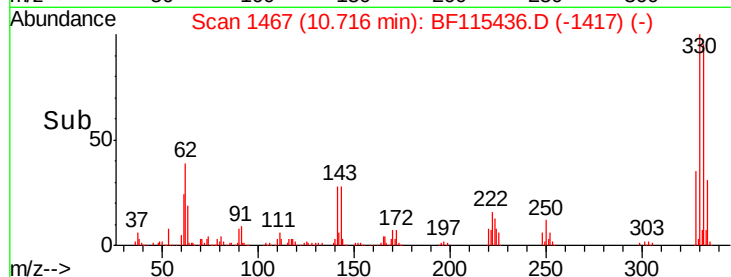
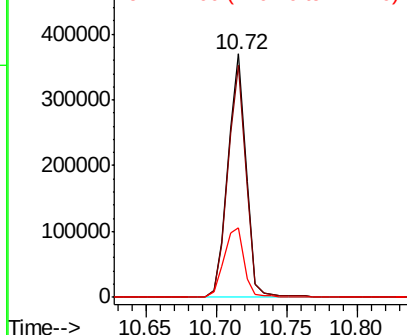
Tot Ion:	330	Resp:	333655
Ion Ratio	Lower	Upper	
330	100		
332	96.4	76.6	115.0
141	31.7	25.1	37.7

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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: 69.396 ng

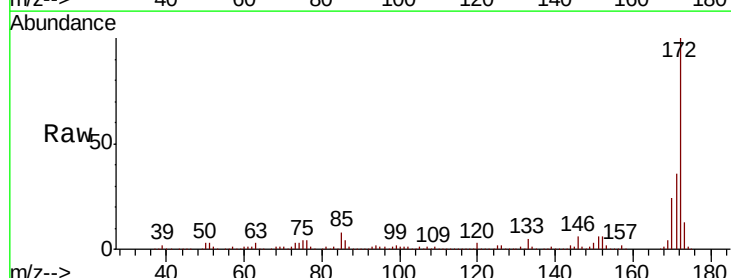
RT: 9.25 min Scan# 1218

Delta R.T. -0.01 min

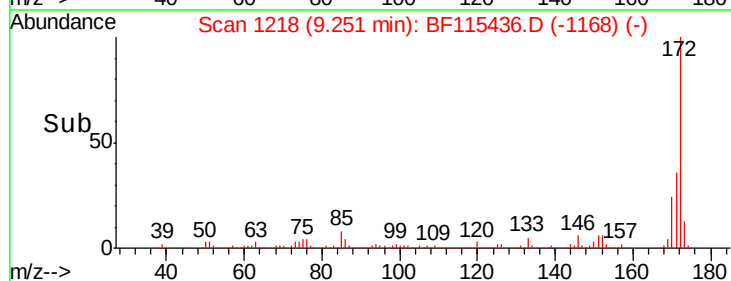
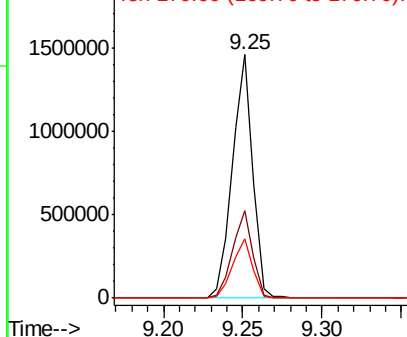
Lab File: BF115436.D

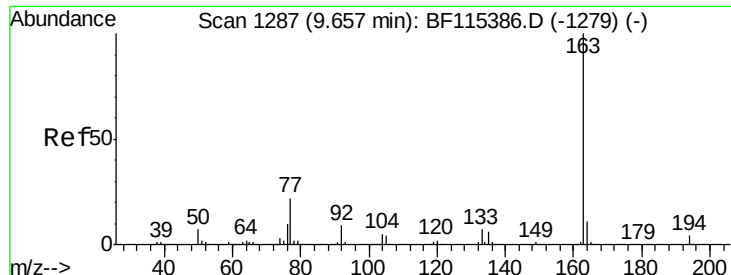
Acq: 9 Jul 2019 16:17

Tgt Ion:	172	Resp:	1297632
Ion Ratio	Lower	Upper	
172	100		
171	36.0	29.8	44.8
170	24.3	19.8	29.6



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





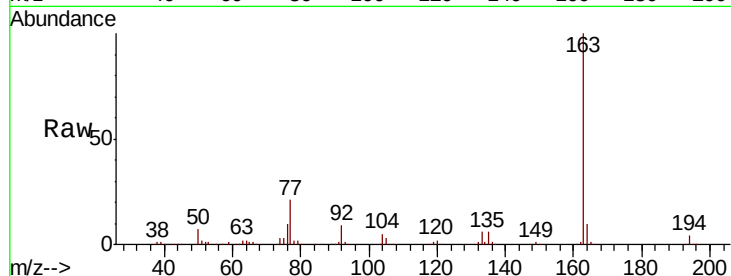
#50
Dimethylphthalate
Concen: 17.935 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF115436.D
Acq: 9 Jul 2019 16:17

Instrument :
BNA_F
ClientSampleId :
72-12017-VNJ-206

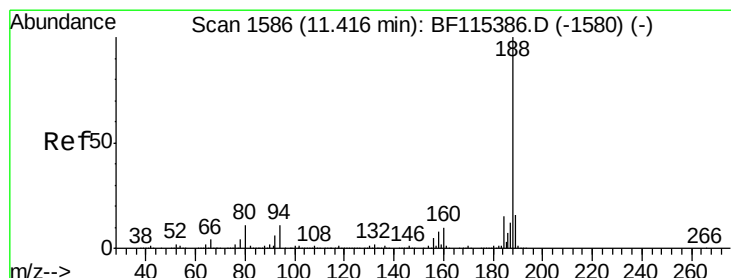
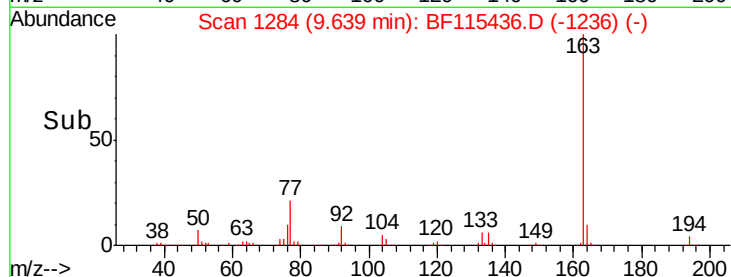
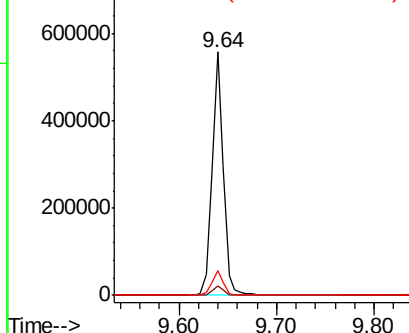
Tot Ion	Ratio	Resp	Lower	Upper
163	100	441698		
194	3.8		3.3	4.9
164	10.2		8.5	12.7

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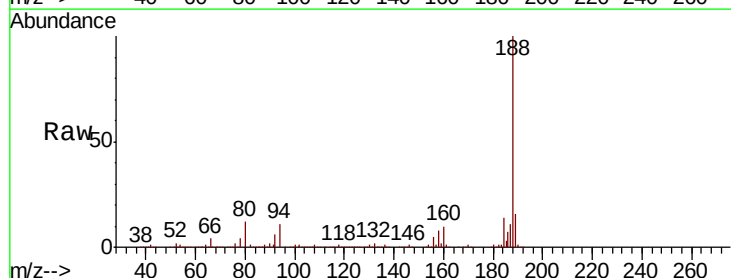


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

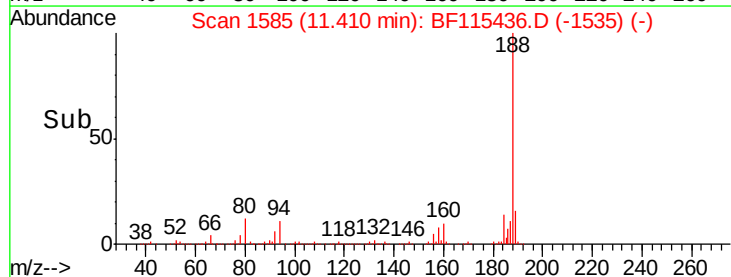
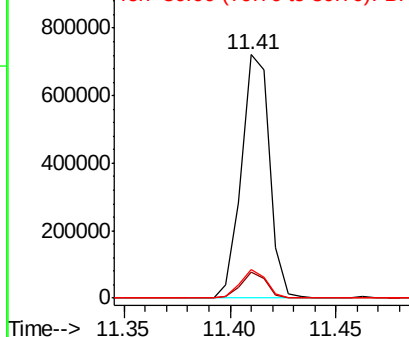


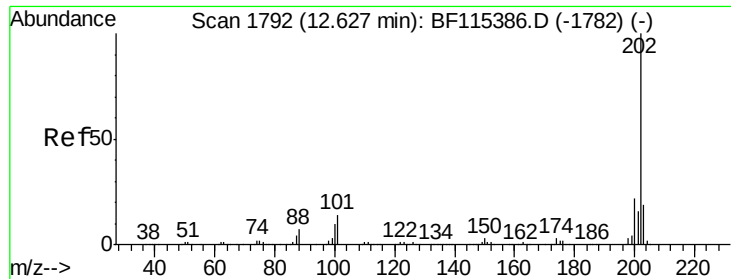
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF115436.D
Acq: 9 Jul 2019 16:17

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	668467		
94	10.5		8.1	12.1
80	11.6		8.6	13.0



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#75

Fluoranthene

Concen: 9.385 ng

RT: 12.65 min Scan# 1796

Delta R.T. 0.01 min

Lab File: BF115436.D

Acq: 9 Jul 2019 16:17

Instrument :

BNA_F

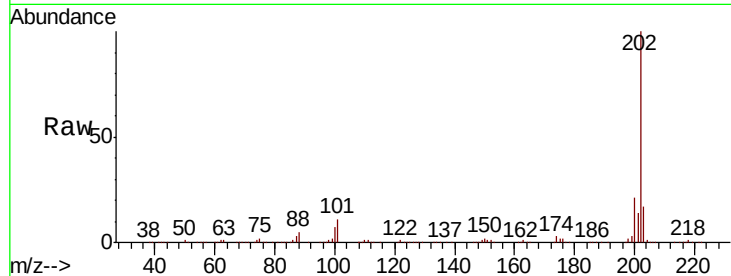
ClientSampled :

72-12017-VNJ-206

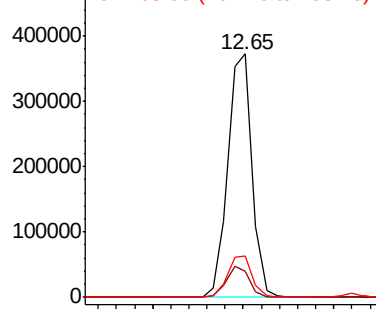
Tot Ion	Ratio	Resp	Lower	Upper
202	100	347390		
101	10.7	0.0	32.8	
203	17.1	0.0	38.1	

Manual Integrations
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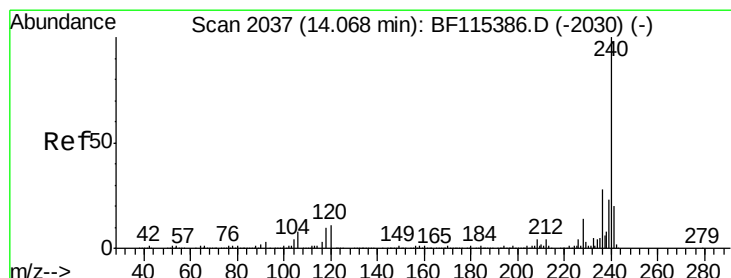
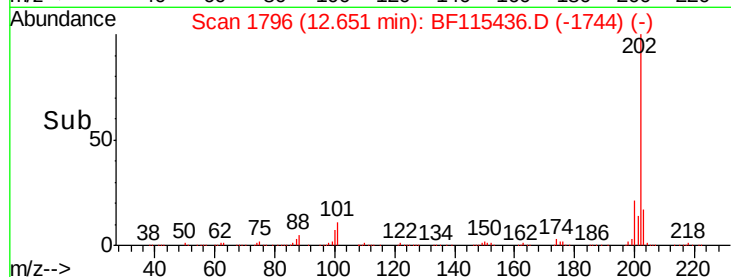
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

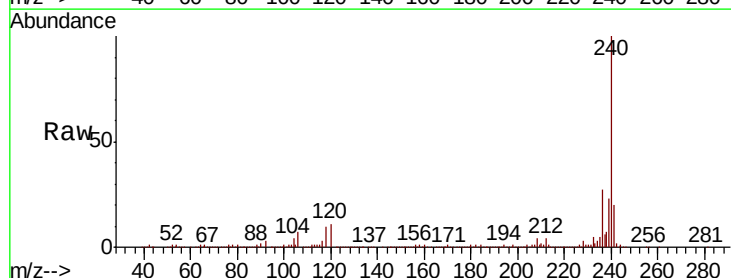
RT: 14.23 min Scan# 2065

Delta R.T. 0.02 min

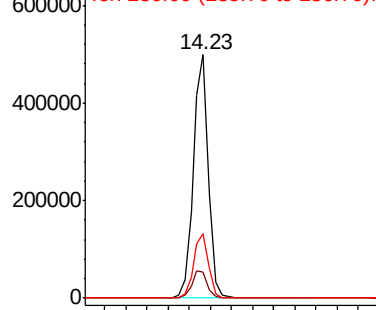
Lab File: BF115436.D

Acq: 9 Jul 2019 16:17

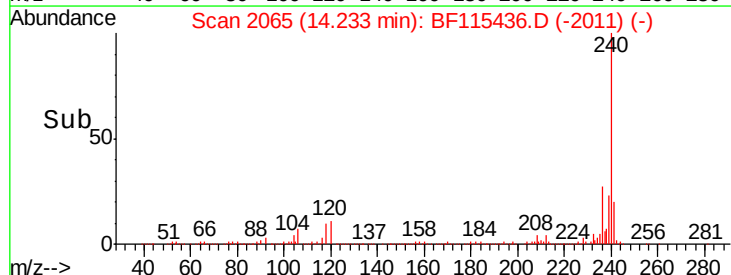
Tgt Ion	Ratio	Resp	Lower	Upper
240	100	493217		
120	10.9	9.6	14.4	
236	26.6	21.6	32.4	

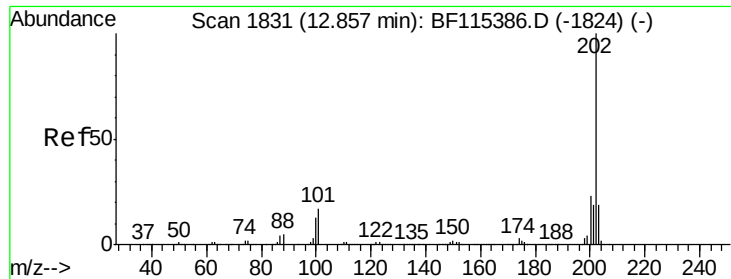


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time-->





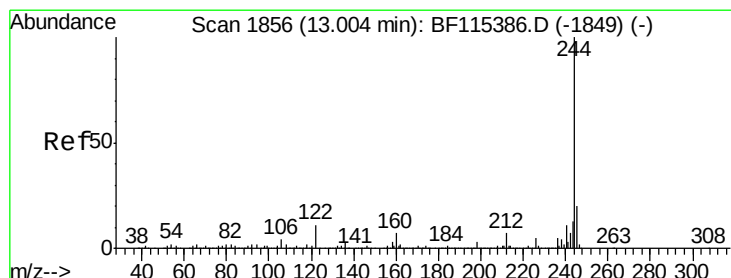
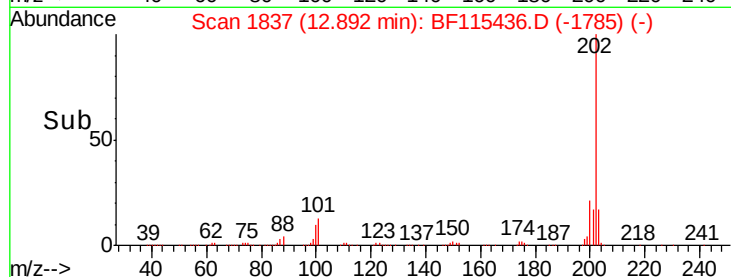
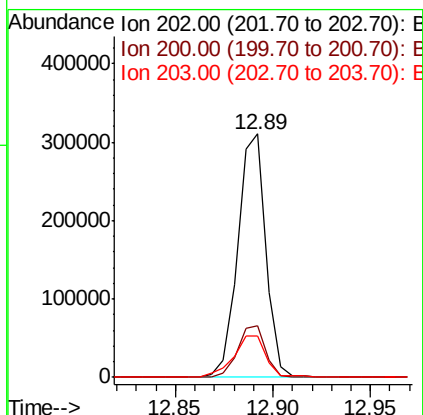
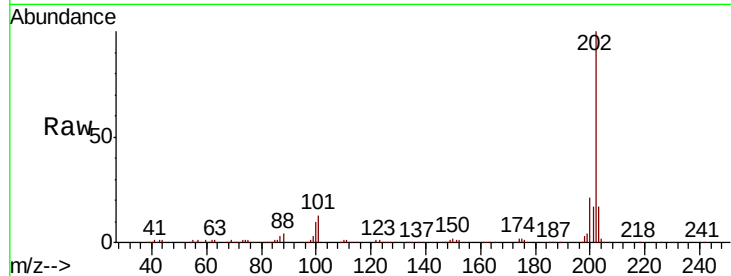
#78
Pvrene
Concen: 8.049 ng
RT: 12.89 min Scan# 1837
Delta R.T. 0.01 min
Lab File: BF115436.D
Acq: 9 Jul 2019 16:17

Instrument :
BNA_F
ClientSampleId :
72-12017-VNJ-206

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.0	18.2	27.4
203	17.3	14.7	22.1

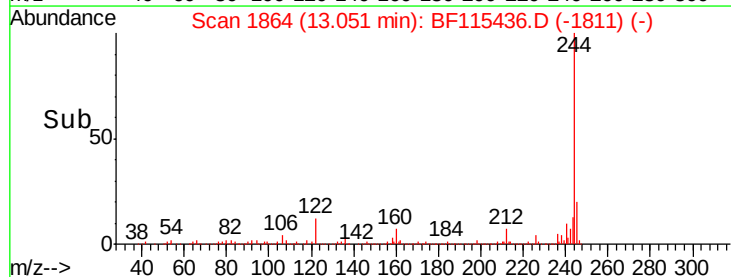
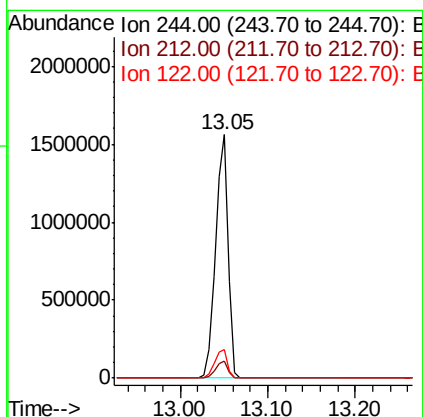
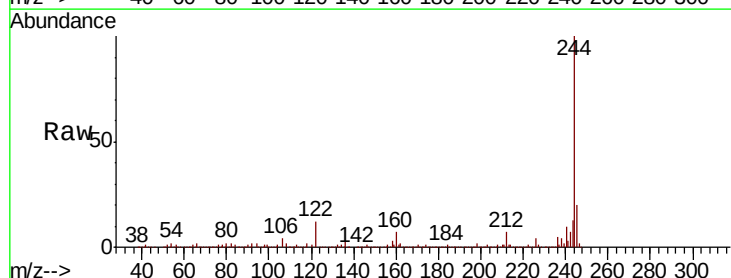
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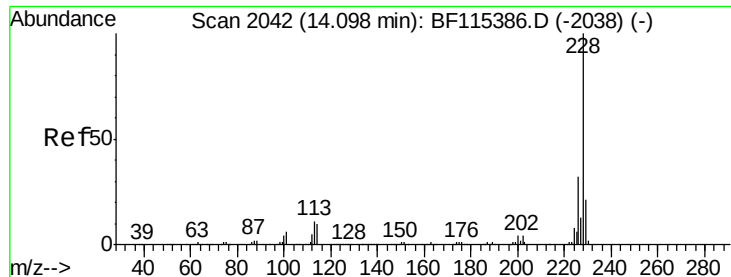
mohammad
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#79
Terphenyl-d14
Concen: 64.244 ng
RT: 13.05 min Scan# 1864
Delta R.T. 0.01 min
Lab File: BF115436.D
Acq: 9 Jul 2019 16:17

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.7	8.5
122	11.6	9.3	13.9





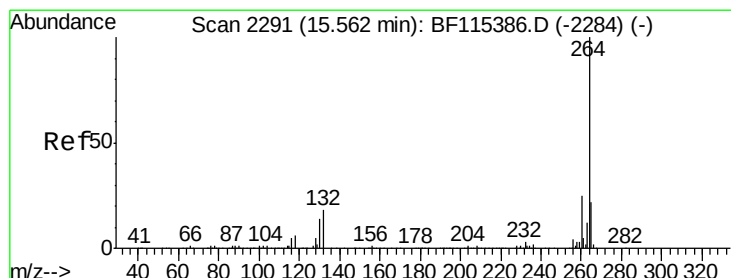
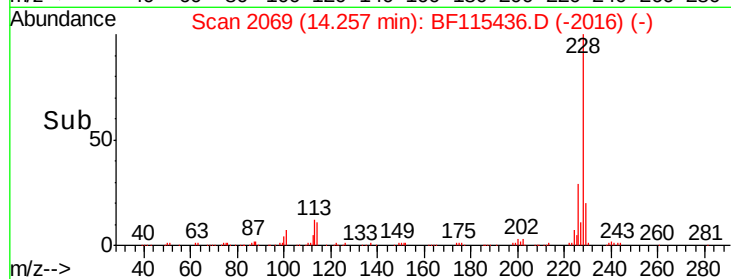
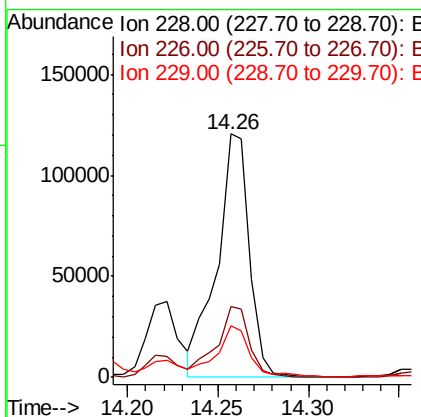
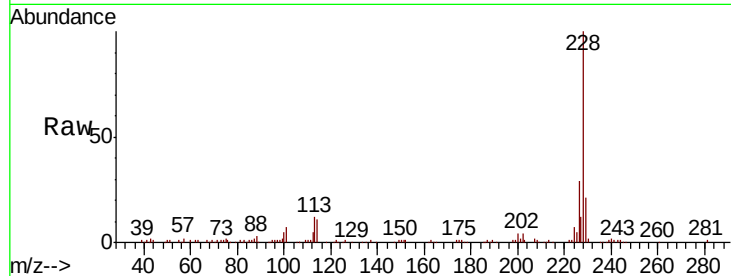
#83
Chrysene
Concen: 4.639 ng
RT: 14.26 min Scan# 2069
Delta R.T. 0.01 min
Lab File: BF115436.D
Acq: 9 Jul 2019 16:17

Instrument :
BNA_F
ClientSampleId :
72-12017-VNJ-206

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.2	25.0	37.4
229	21.1	16.2	24.4

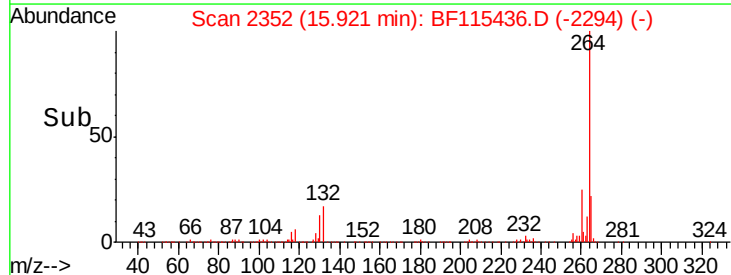
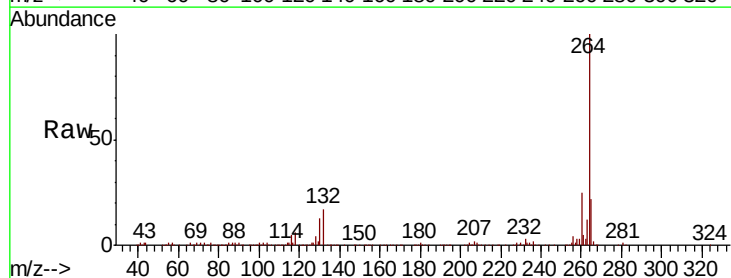
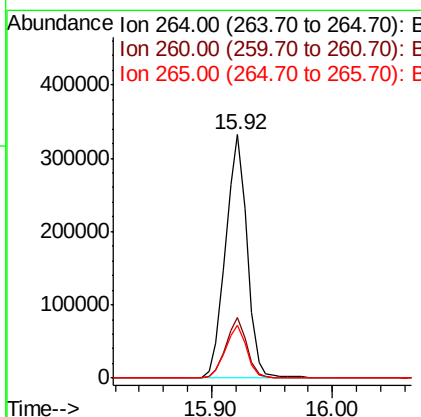
Manual Integrations
APPROVED

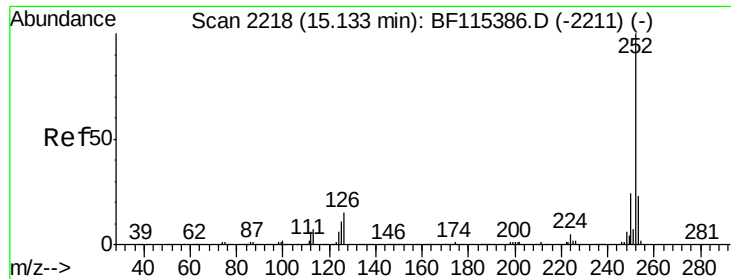
mohammad
7/10/2019 6:16:46 PM



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.92 min Scan# 2352
Delta R.T. 0.04 min
Lab File: BF115436.D
Acq: 9 Jul 2019 16:17

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.2
265	21.6	17.2	25.8





#88
 Benzo(b)fluoranthene
 Concen: 3.280 ng/mL
 RT: 15.47 min Scan# 2275
 Delta R.T. 0.04 min
 Lab File: BF115436.D
 Acq: 9 Jul 2019 16:17

Instrument :
 BNA_F
 ClientSampleId :
 72-12017-VNJ-206

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.9	26.9
125	11.4	9.0	13.6

Manual Integrations
 APPROVED

mohammad
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