

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
 Data File : BF115925.D
 Acq On : 1 Aug 2019 23:42
 Operator : HP/JU
 Sample : K4044-17
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Manual Integrations
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Quant Time: Aug 02 07:26:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	143343	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	536931	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	272237	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	409575	20.00	ng	0.00
76) Chrysene-d12	14.02	240	296294	20.00	ng	0.00
87) Perylene-d12	15.49	264	327355	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1078552	125.96	ng	0.01
7) Phenol-d6	6.49	99	1393906	129.03	ng	0.00
23) Nitrobenzene-d5	7.42	82	885654	95.21	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	321000	121.62	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1363138	93.79	ng	0.00
79) Terphenyl-d14	12.96	244	1155699	82.19	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.60	163	214488	11.571	ng	98
75) Fluoranthene	12.59	202	47812	2.181	ng	99
78) Pyrene	12.82	202	47740	2.137	ng	96
88) Benzo(b)fluoranthene	15.06	252	41493m	2.192	ng	

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

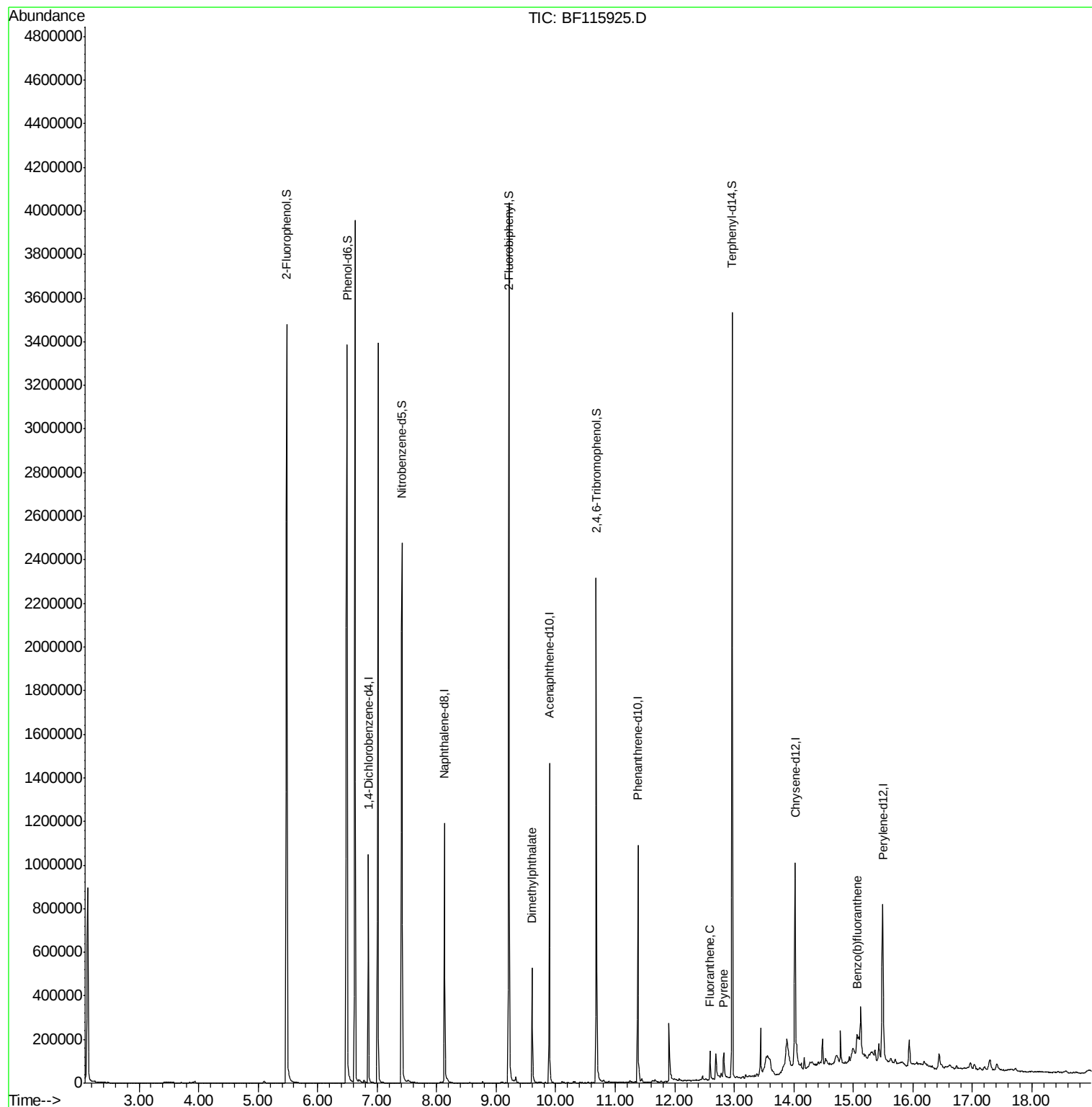
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
Data File : BF115925.D
Acq On : 1 Aug 2019 23:42
Operator : HP/JU
Sample : K4044-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

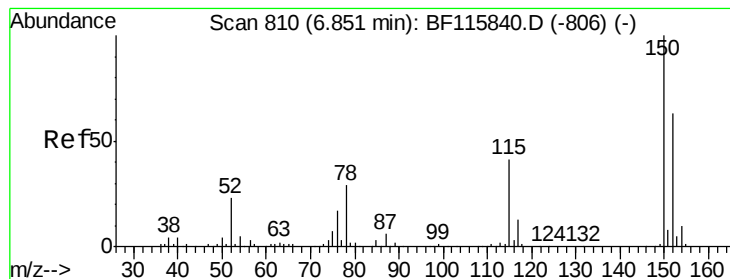
Instrument :
BNA_F
ClientSampleId :
TP-3

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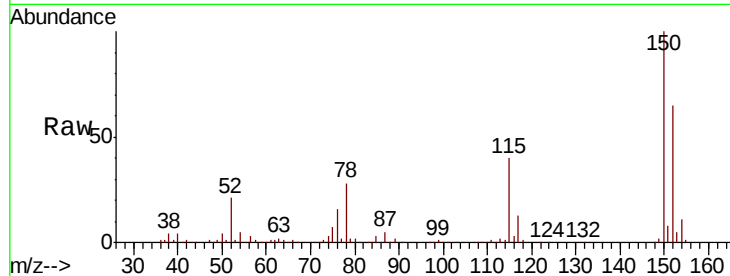
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF115925.D
 Acq: 1 Aug 2019 23:42

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	127.4	191.0
115	61.5	51.8	77.8

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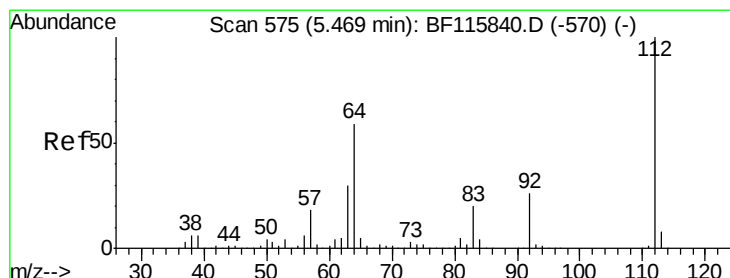
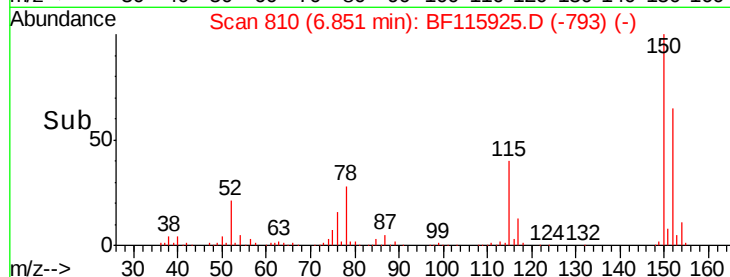
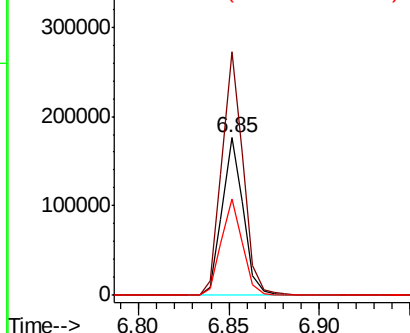


Abundance

Ion 152.00 (151.70 to 152.70): E

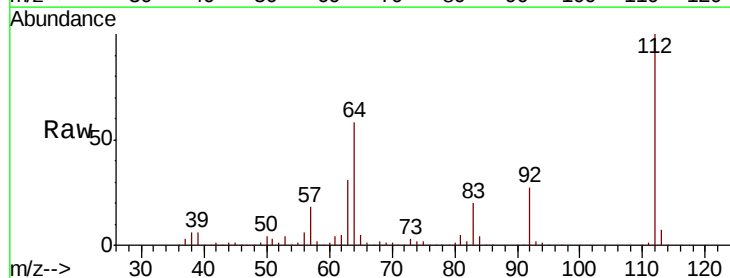
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 125.961 ng
 RT: 5.48 min Scan# 577
 Delta R.T. 0.01 min
 Lab File: BF115925.D
 Acq: 1 Aug 2019 23:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.9	46.8	70.2
63	30.7	24.2	36.2

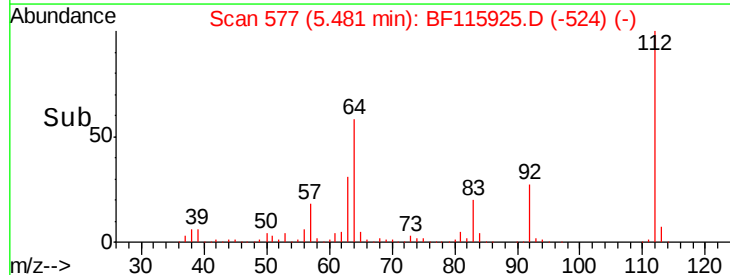
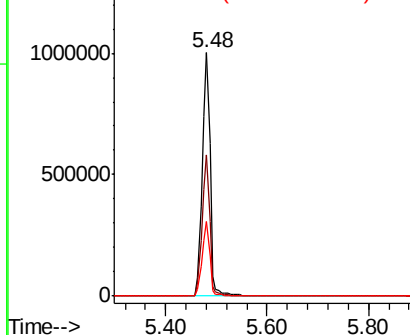


Abundance

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: 129.027 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF115925.D

Acq: 1 Aug 2019 23:42

Instrument :

BNA_F

ClientSampleId :

TP-3

Tot Ion: 99 Resp: 1393906

Ion Ratio Lower Upper

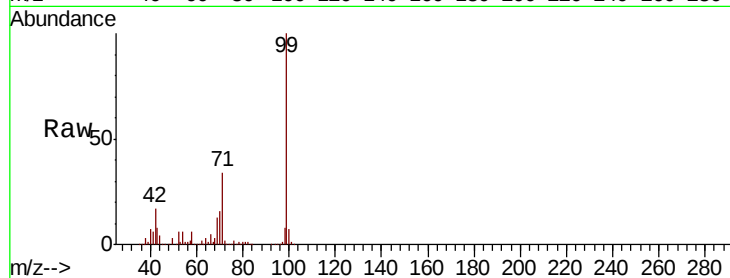
99 100

42 16.6 13.8 20.6

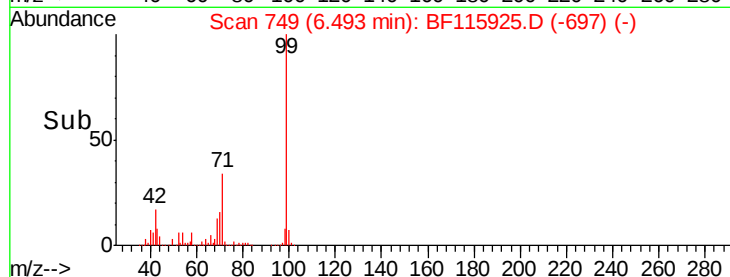
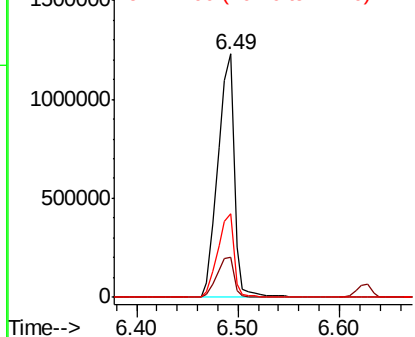
71 34.4 27.1 40.7

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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: 8.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF115925.D

Acq: 1 Aug 2019 23:42

Tgt Ion: 136 Resp: 536931

Ion Ratio Lower Upper

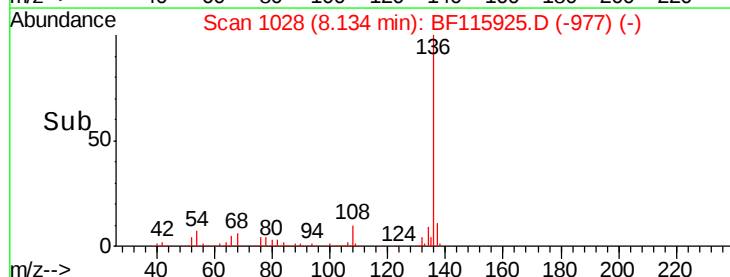
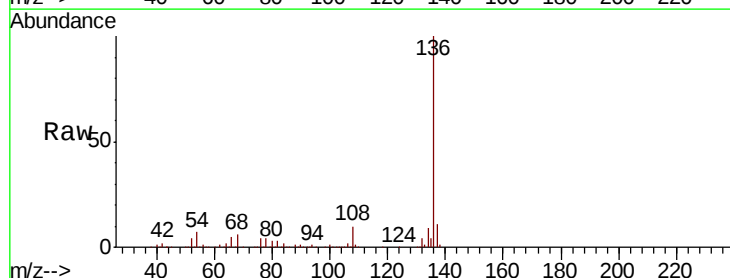
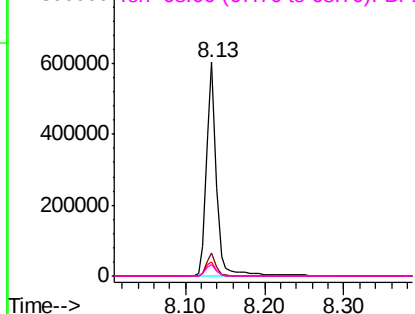
136 100

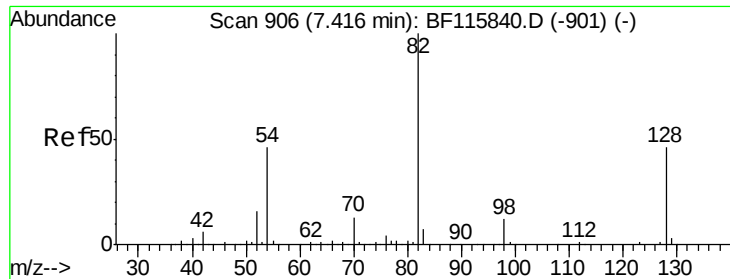
137 10.8 9.1 13.7

54 6.7 6.1 9.1

68 5.6 5.4 8.2

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





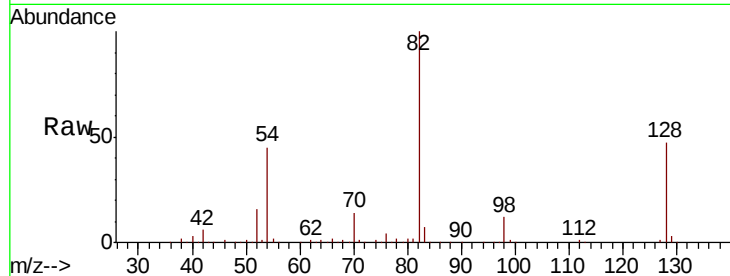
#23
 Nitrobenzene-d5
 Concen: 95.213 ng
 RT: 7.42 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF115925.D
 Acq: 1 Aug 2019 23:42

Instrument :
 BNA_F
 ClientSampled :
 TP-3

Tot Ion	Ratio	Resp	Lower	Upper
82	100	885654		
128	46.6		36.6	55.0
54	44.8		36.6	55.0

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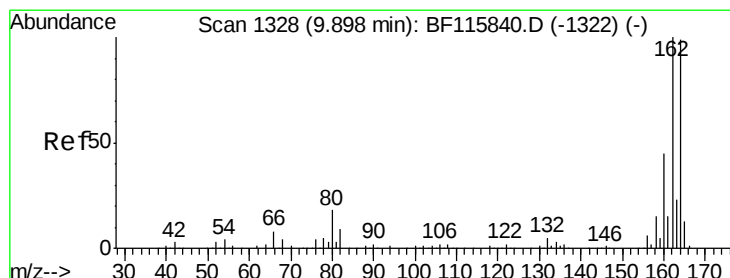
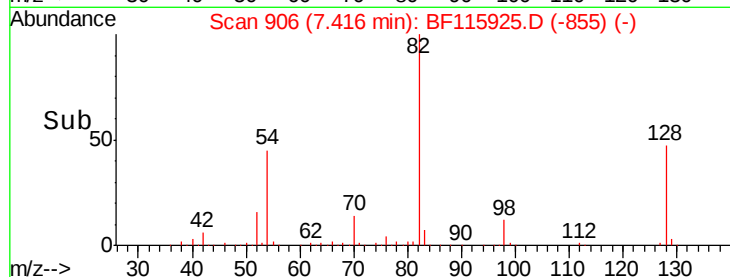
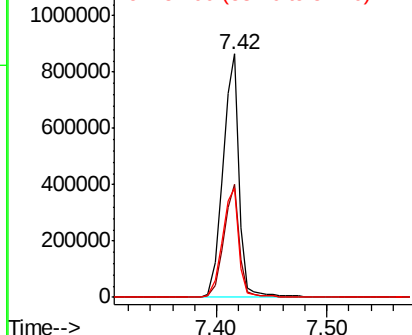


Abundance

Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF115925.D
 Acq: 1 Aug 2019 23:42

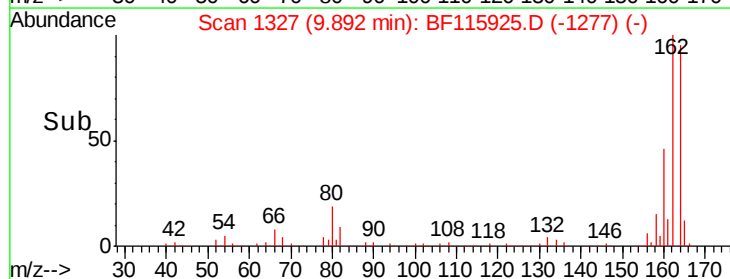
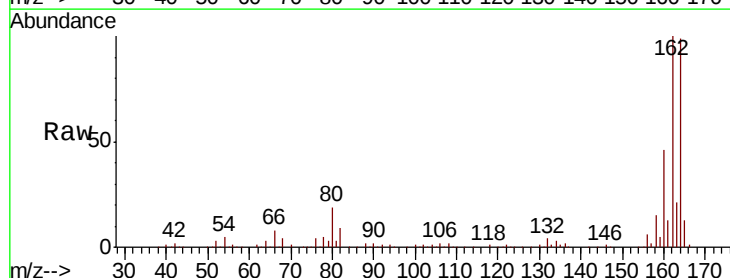
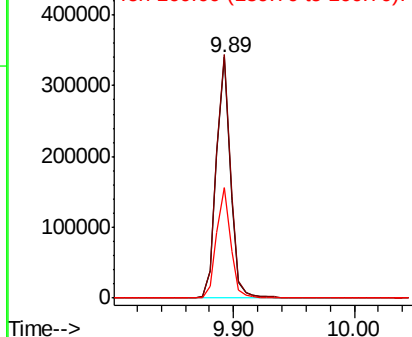
Tgt Ion	Ratio	Resp	Lower	Upper
164	100	272237		
162	101.2		80.8	121.2
160	46.1		36.2	54.4

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





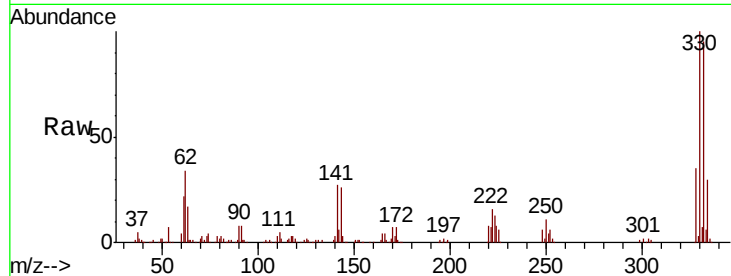
#42
 2,4,6-Tribromophenol
 Concen: 121.618 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: BF115925.D
 Acq: 1 Aug 2019 23:42

Instrument :
 BNA_F
 ClientSampled :
 TP-3

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.4	77.7	116.5
141	33.9	28.1	42.1

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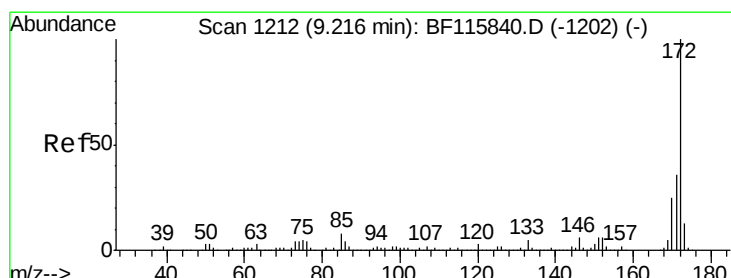
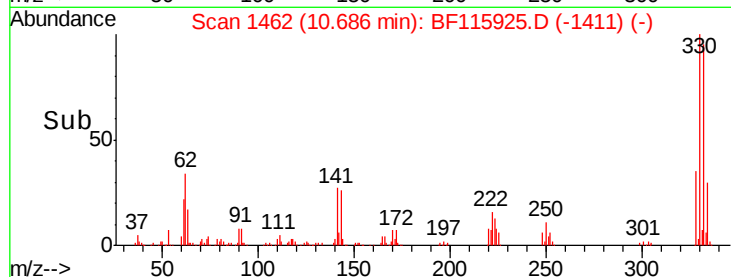
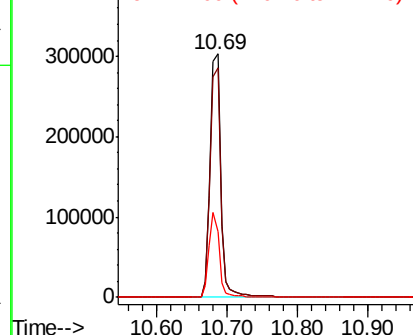


Abundance

Ion 329.80 (329.50 to 330.50): E

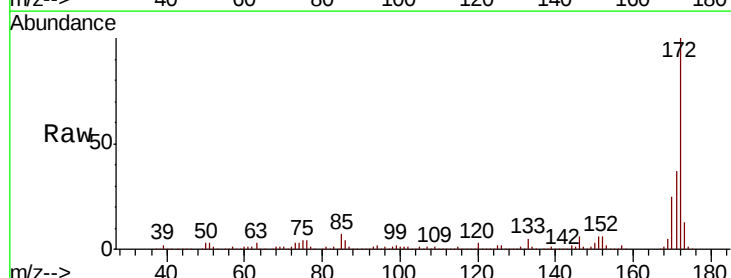
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 93.788 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF115925.D
 Acq: 1 Aug 2019 23:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.1	43.7
170	24.8	20.1	30.1

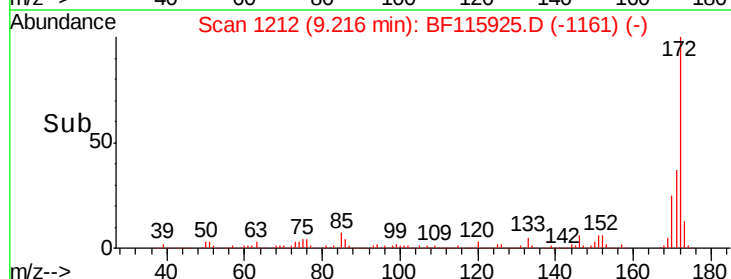
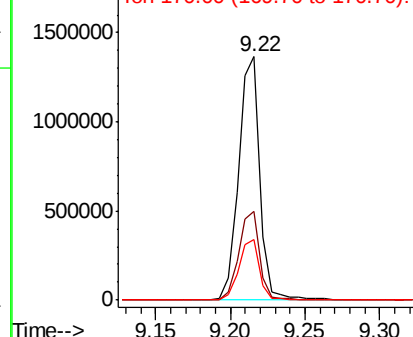


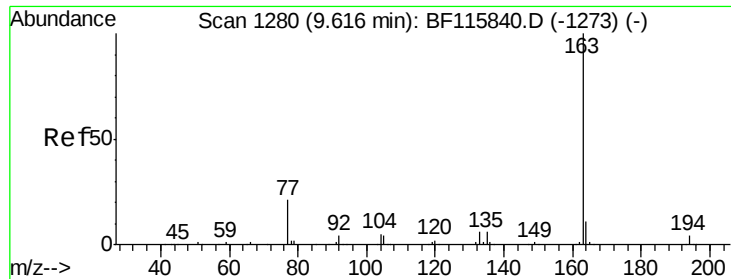
Abundance

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





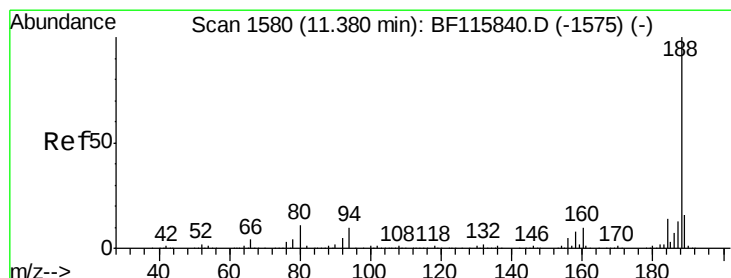
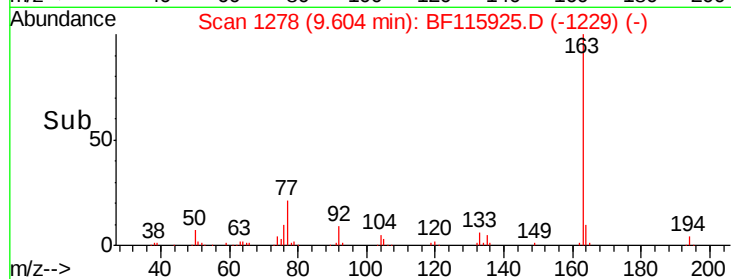
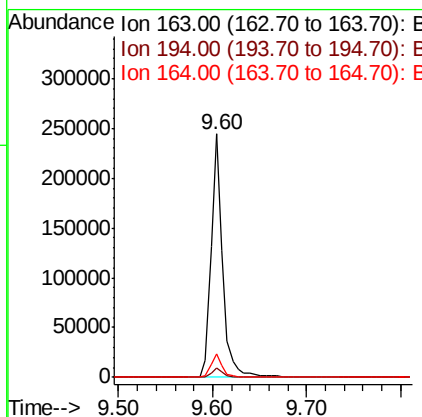
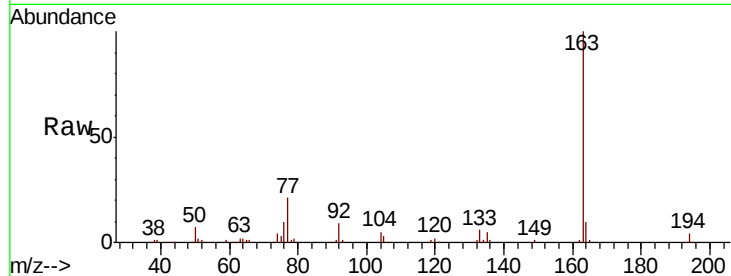
#50
Dimethylphthalate
Concen: 11.571 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF115925.D
Acq: 1 Aug 2019 23:42

Instrument :
BNA_F
ClientSampleId :
TP-3

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100		214488		
194	3.8		3.0	4.6	
164	9.6		8.4	12.6	

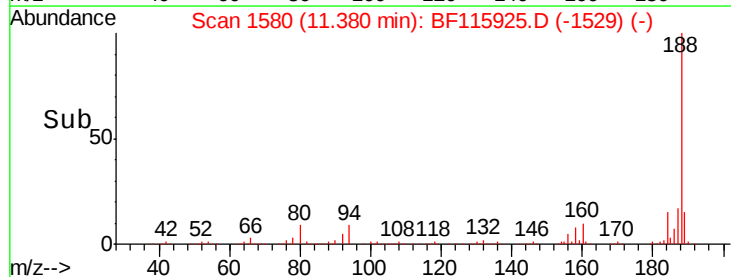
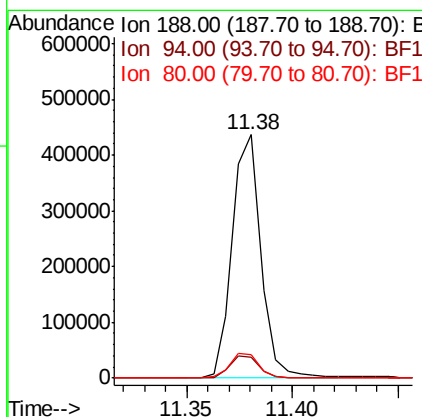
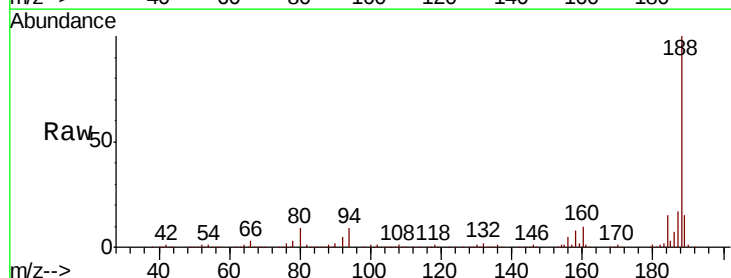
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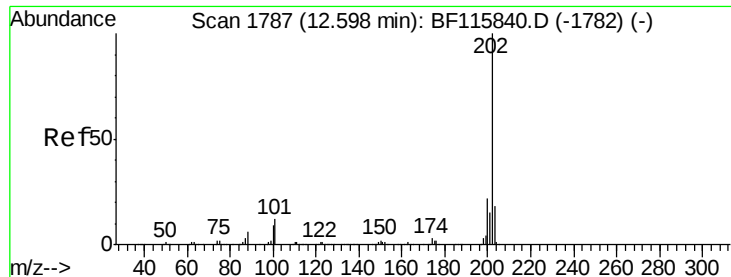
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF115925.D
Acq: 1 Aug 2019 23:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		409575		
94	8.8		8.0	12.0	
80	9.4		8.6	12.8	





#75

Fluoranthene

Concen: 2.181 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF115925.D

Acq: 1 Aug 2019 23:42

Instrument :

BNA_F

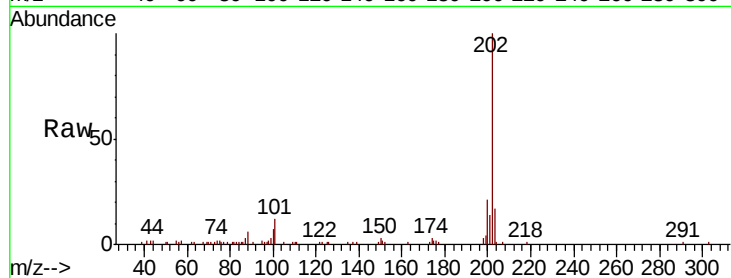
ClientSampleId :

TP-3

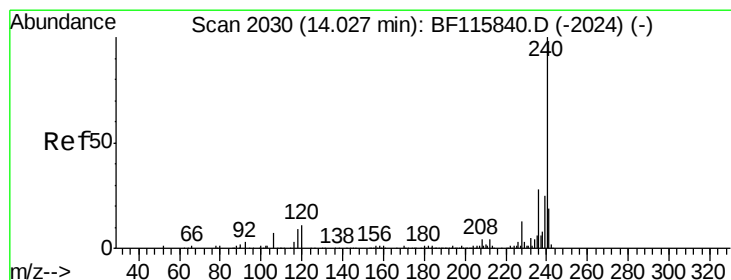
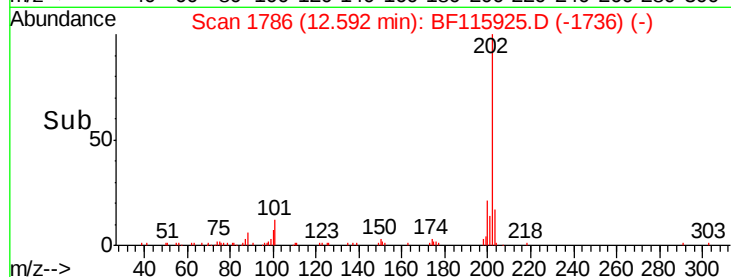
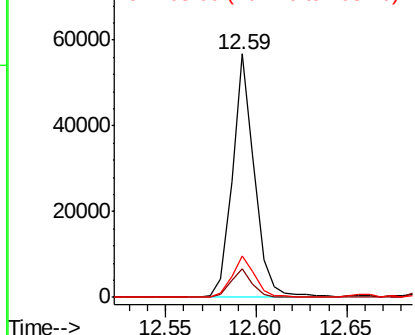
Tot Ion:	202	Resp:	47812
Ion Ratio	Lower	Upper	
202	100		
101	11.7	0.0	31.5
203	17.2	0.0	37.9

Manual Integrations
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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



#76

Chrysene-d12

Concen: 20.000 ng

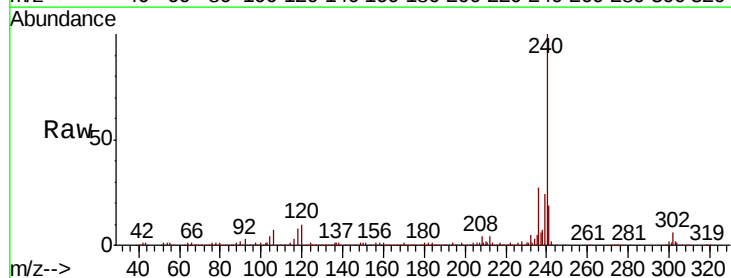
RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

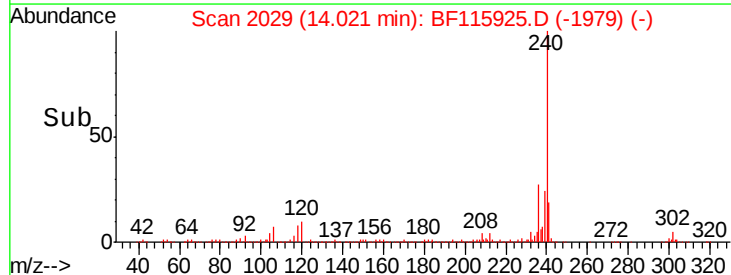
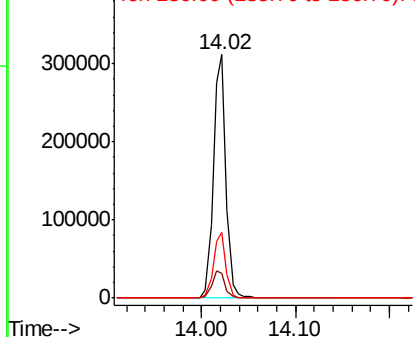
Lab File: BF115925.D

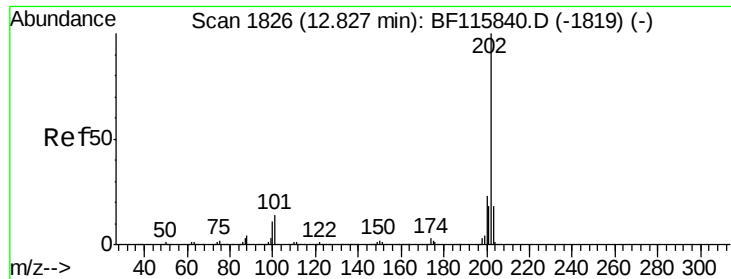
Acq: 1 Aug 2019 23:42

Tgt Ion:	240	Resp:	296294
Ion Ratio	Lower	Upper	
240	100		
120	10.0	8.5	12.7
236	26.9	22.2	33.2



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





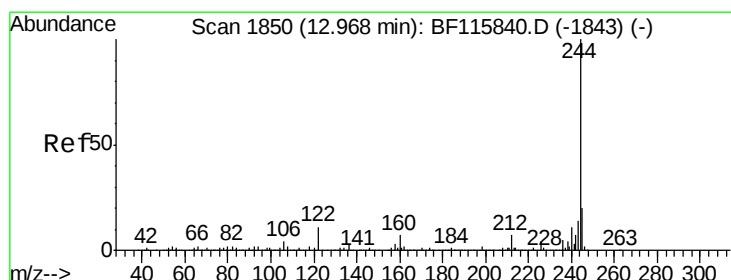
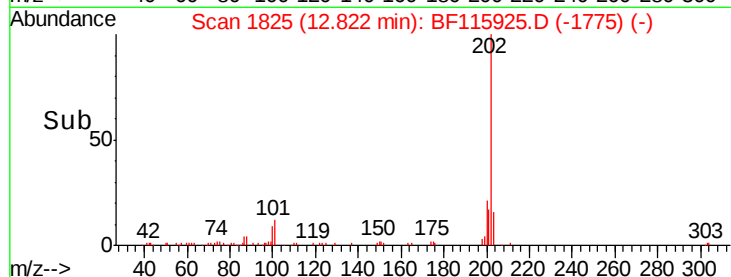
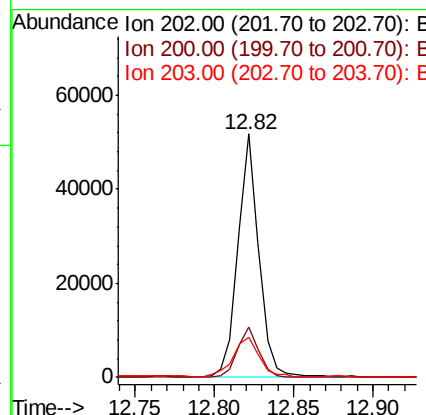
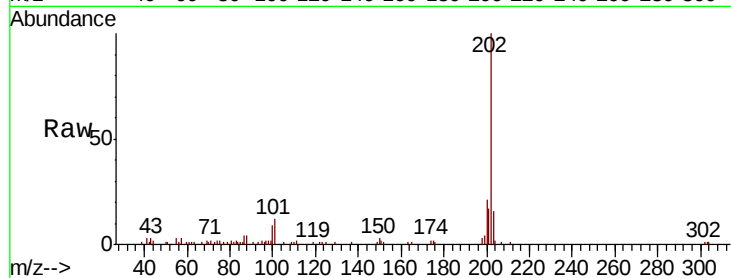
#78
Pvrene
Concen: 2.137 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF115925.D
Acq: 1 Aug 2019 23:42

Instrument :
BNA_F
ClientSampleId :
TP-3

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.9	18.2	27.2
203	16.5	14.3	21.5

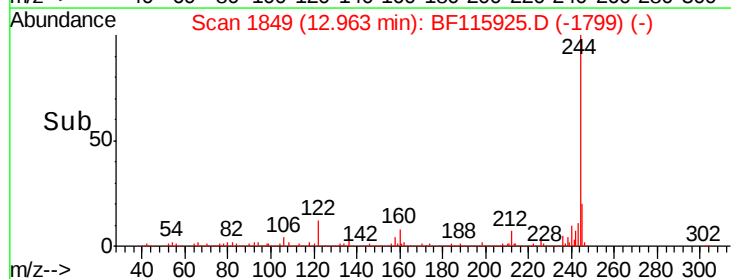
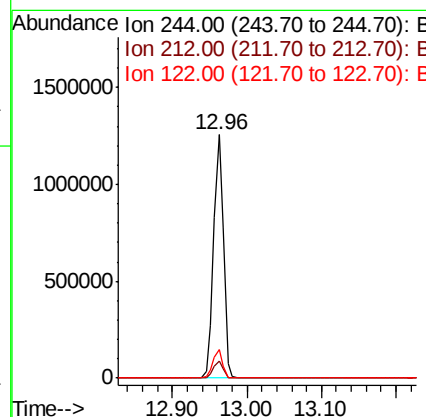
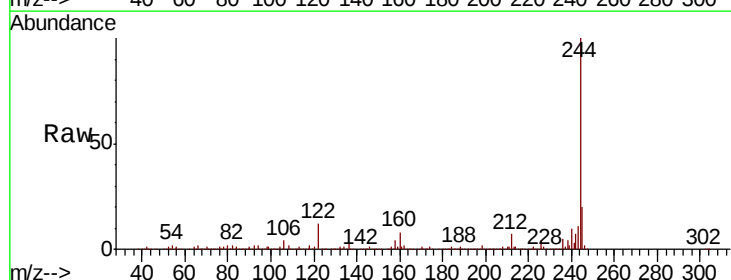
Manual Integrations
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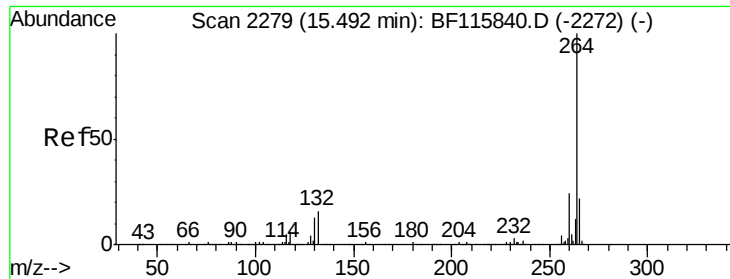
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#79
Terphenyl-d14
Concen: 82.190 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BF115925.D
Acq: 1 Aug 2019 23:42

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.6	8.4
122	11.9	8.6	13.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2278

Delta R.T. -0.01 min

Lab File: BF115925.D

Acq: 1 Aug 2019 23:42

Instrument :

BNA_F

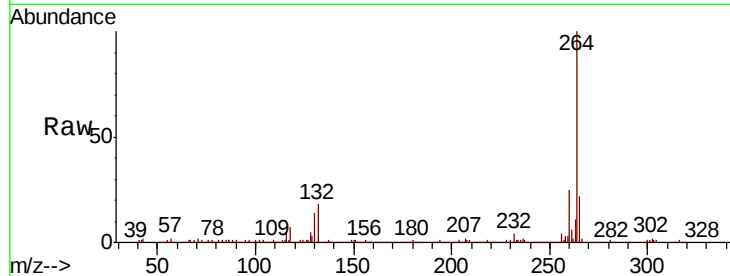
ClientSampleId :

TP-3

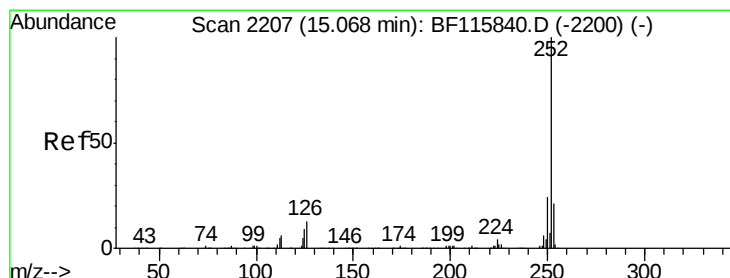
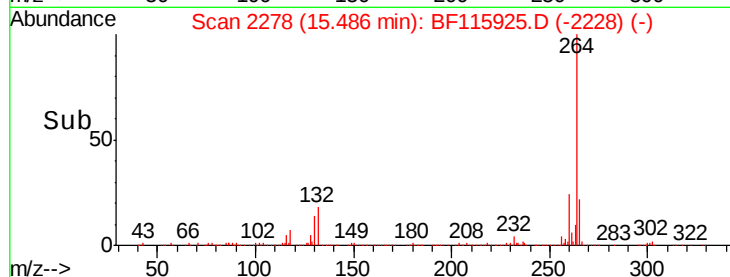
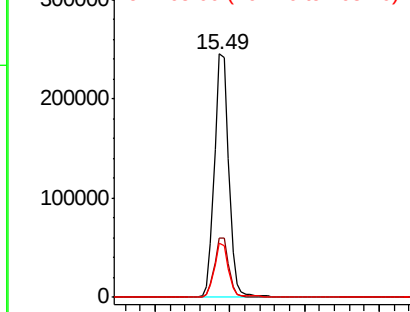
Tot Ion:	264	Resp:	327355
Ion Ratio	Lower	Upper	
264	100		
260	24.6	19.4	29.2
265	22.3	17.5	26.3

Manual Integrations
APPROVED

mohammad
8/5/2019 1:48:17 PM



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: 2.192 ng m

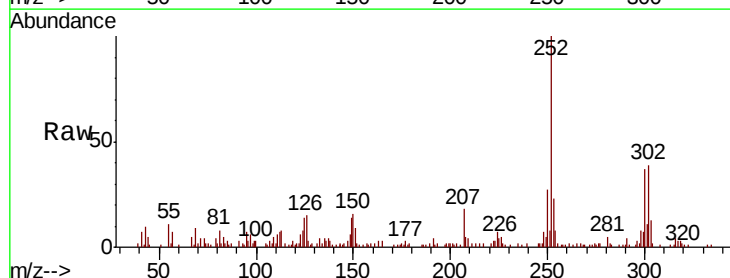
RT: 15.06 min Scan# 2206

Delta R.T. -0.01 min

Lab File: BF115925.D

Acq: 1 Aug 2019 23:42

Tgt Ion:	252	Resp:	41493
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.2	25.8
125	14.4	7.4	11.0#



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

