

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081019\
 Data File : BF116173.D
 Acq On : 11 Aug 2019 4:05
 Operator : HP/JU
 Sample : K4293-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-1

Manual Integrations
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 8/14/2019 2:55:08 AM

Quant Time: Aug 12 04:30:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	152676	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	585694	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	281471	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	414745	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	286140	20.00	ng	-0.01
87) Perylene-d12	15.47	264	276883	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	779193	85.44	ng	0.00
7) Phenol-d6	6.47	99	998329	86.76	ng	-0.01
23) Nitrobenzene-d5	7.40	82	652899	64.35	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	185663	68.03	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1135537	75.57	ng	-0.01
79) Terphenyl-d14	12.94	244	925938	68.19	ng	-0.01
Target Compounds						
10) Phenol	6.49	94	30399	2.243	ng	95
50) Dimethylphthalate	9.59	163	106407	5.552	ng	99
75) Fluoranthene	12.57	202	88624	3.993	ng	99
78) Pyrene	12.80	202	85922	3.983	ng	97
81) Benzo(a)anthracene	13.99	228	47352	2.589	ng	97
83) Chrysene	14.03	228	46260	2.605	ng	98
88) Benzo(b)fluoranthene	15.04	252	56809m	3.548	ng	
90) Benzo(a)pyrene	15.41	252	44628	3.118	ng	99

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

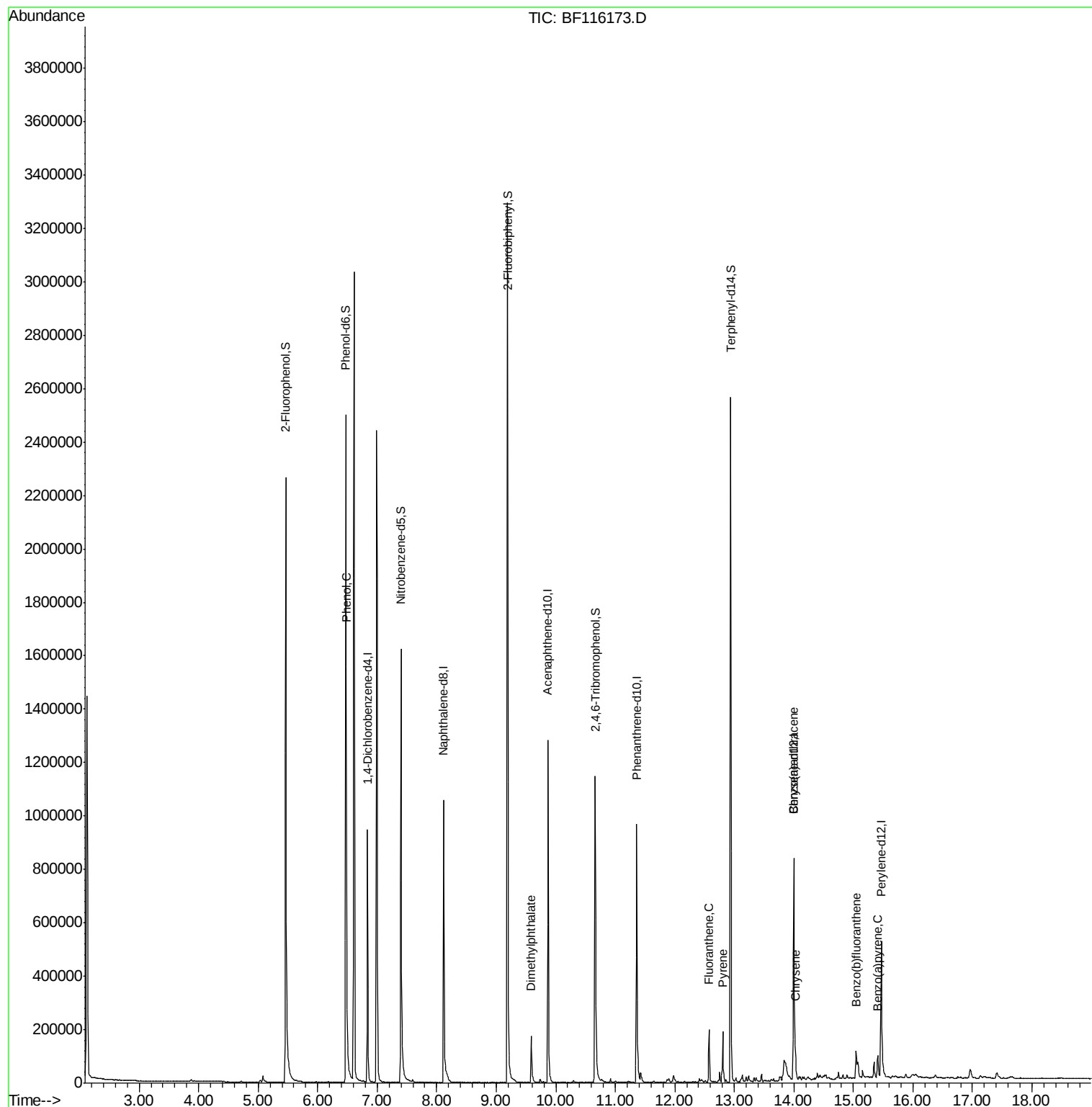
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081019\
Data File : BF116173.D
Acq On : 11 Aug 2019 4:05
Operator : HP/JU
Sample : K4293-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

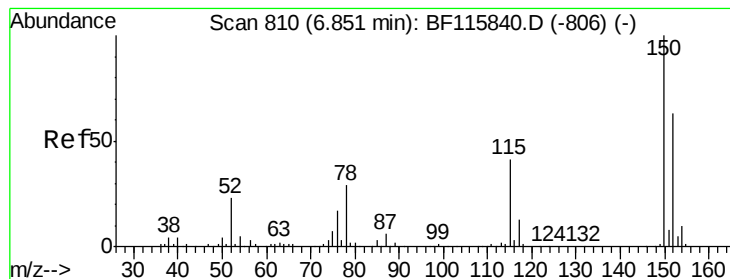
Instrument :
BNA_F
ClientSampleId :
PE-1

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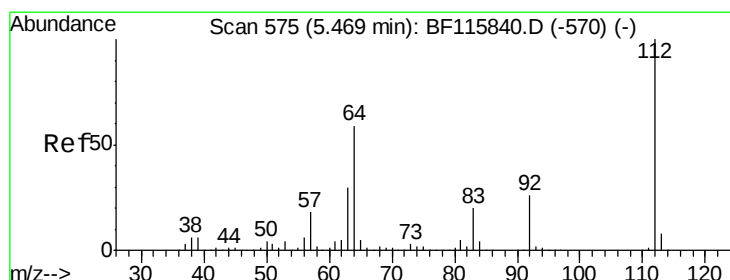
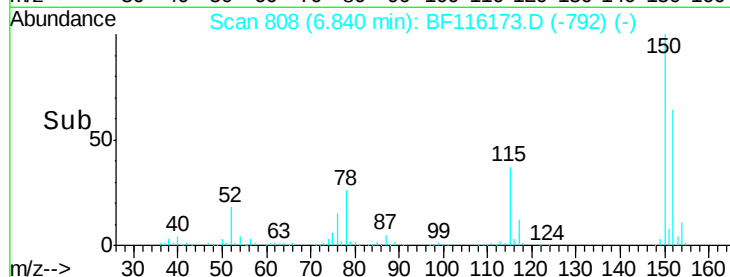
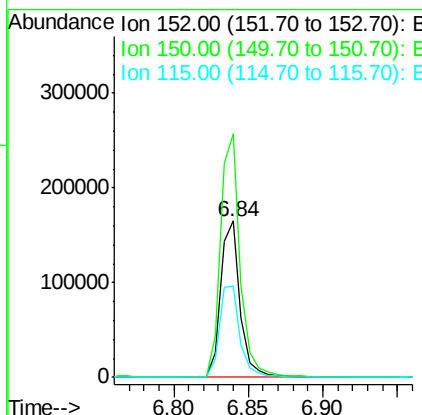
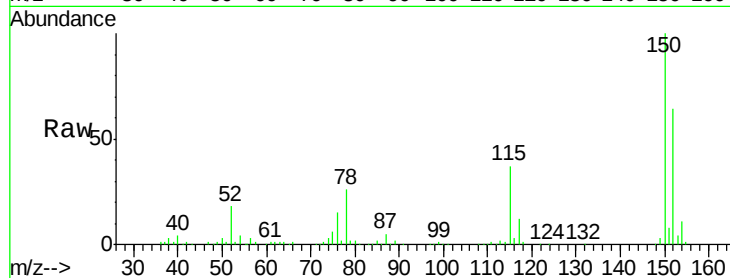
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.84 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BF116173.D
 Acq: 11 Aug 2019 4:05

Instrument :
 BNA_F
 ClientSampleId :
 PE-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	126.2	189.2
115	58.2	49.9	74.9

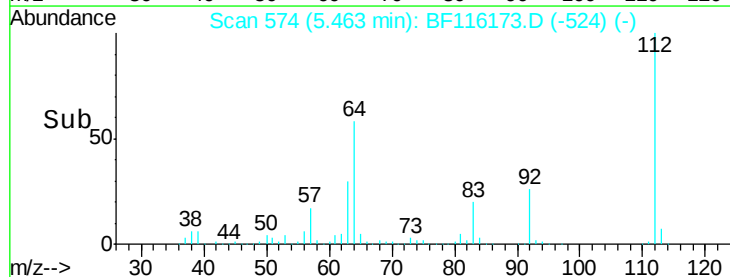
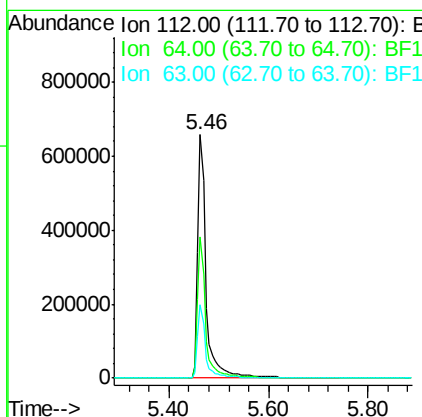
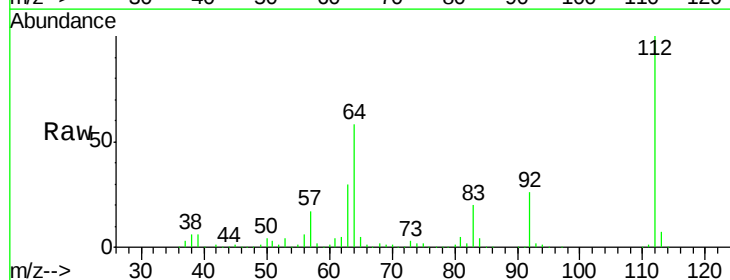
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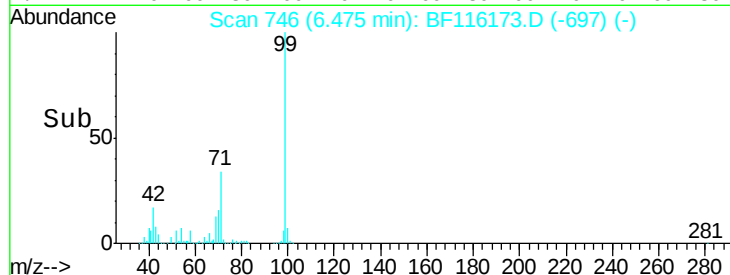
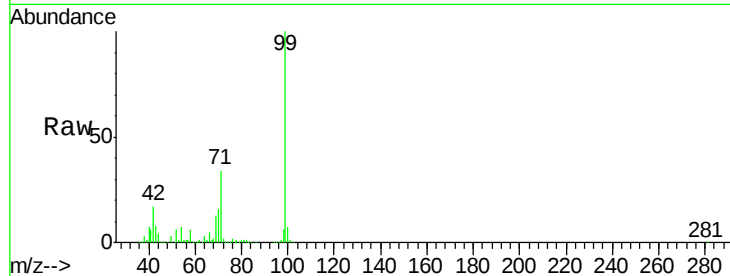
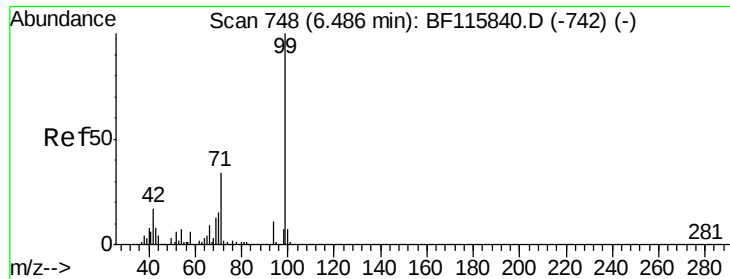
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#5
 2-Fluorophenol
 Concen: 85.437 ng
 RT: 5.46 min Scan# 574
 Delta R.T. -0.01 min
 Lab File: BF116173.D
 Acq: 11 Aug 2019 4:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.1	45.4	68.2
63	30.3	23.7	35.5





#7

Phenol-d6

Concen: 86.761 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116173.D

Acq: 11 Aug 2019 4:05

Tot Ion:	99	Resp:	998329
Ion Ratio	Lower	Upper	
99	100		
42	17.0	13.8	20.8
71	34.4	27.3	40.9

Instrument :

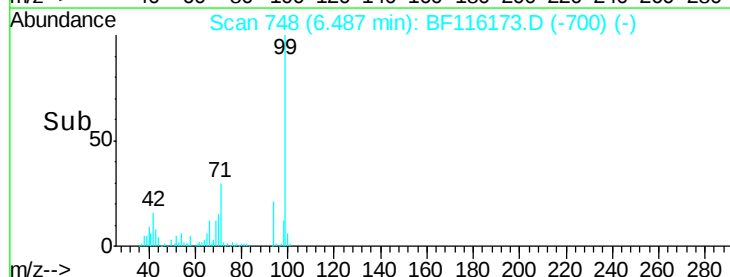
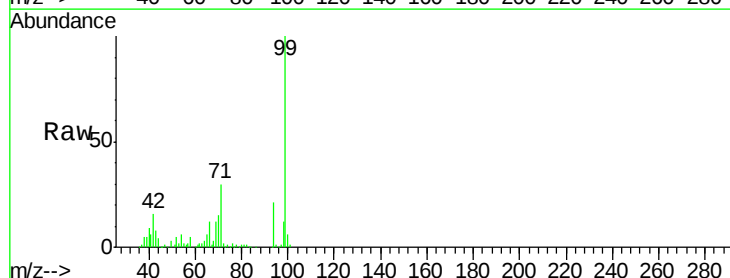
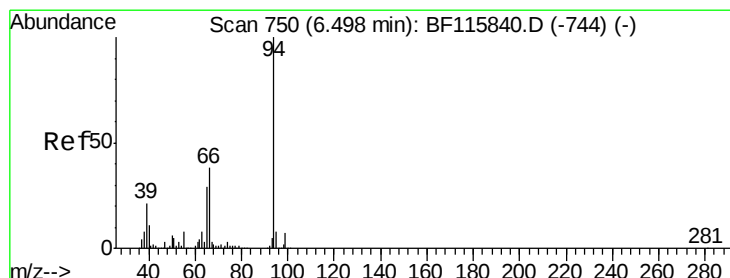
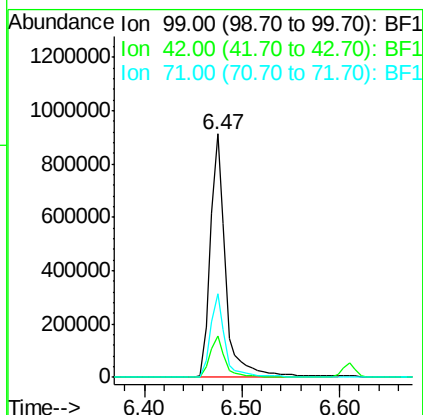
BNA_F

ClientSampleId :

PE-1

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#10

Phenol

Concen: 2.243 ng

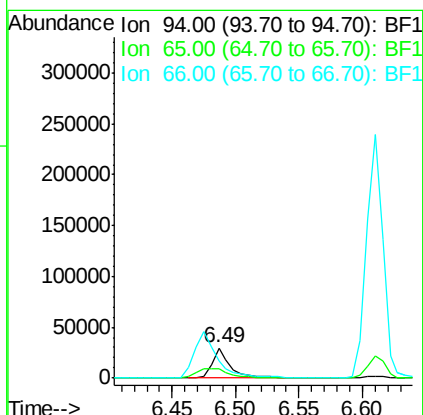
RT: 6.49 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF116173.D

Acq: 11 Aug 2019 4:05

Tgt Ion:	94	Resp:	30399
Ion Ratio	Lower	Upper	
94	100		
65	30.9	16.8	56.8
66	55.8	34.2	74.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF116173.D

Acq: 11 Aug 2019 4:05

Instrument :

BNA_F

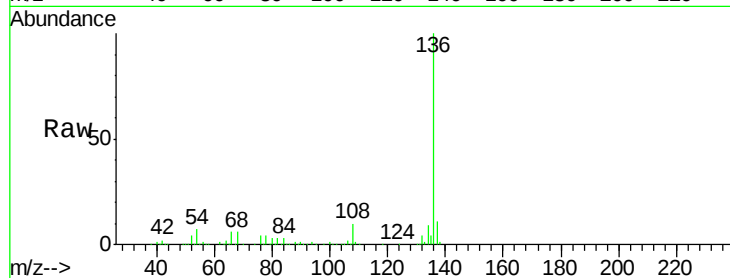
ClientSampleId :

PE-1

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.0	9.0	13.4
54	7.2	5.8	8.6
68	6.3	5.2	7.8

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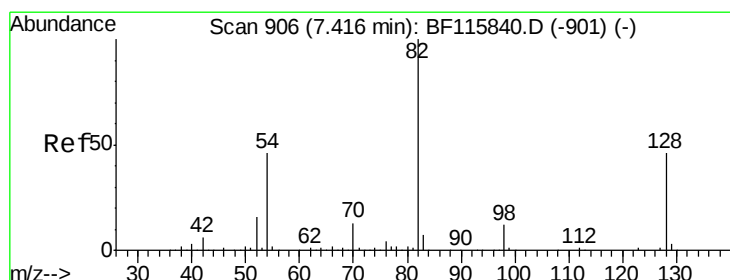
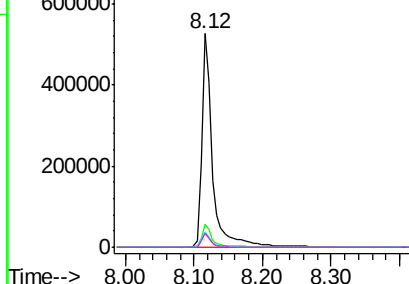
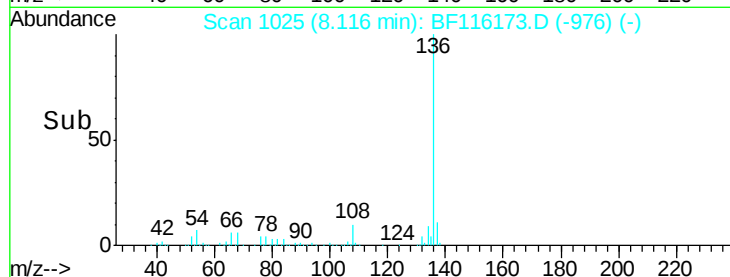


Abundance Ion 136.00 (135.70 to 136.70): E

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: 64.346 ng

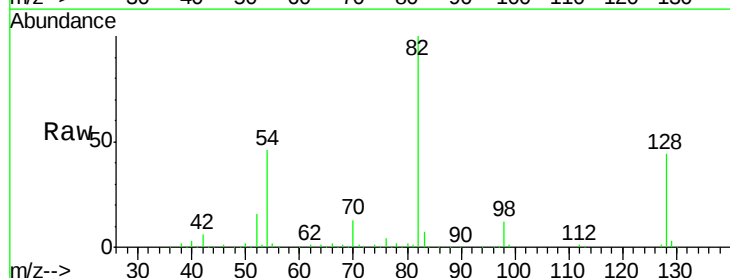
RT: 7.40 min Scan# 903

Delta R.T. -0.02 min

Lab File: BF116173.D

Acq: 11 Aug 2019 4:05

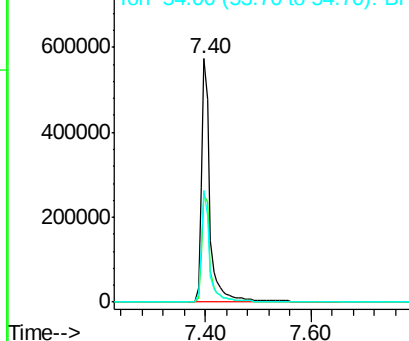
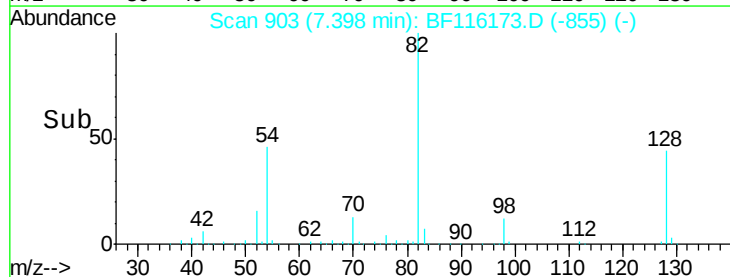
Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	44.0	36.5	54.7
54	46.1	36.0	54.0

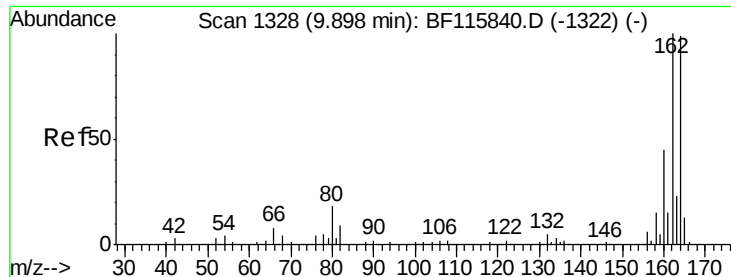


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF116173.D

Acq: 11 Aug 2019 4:05

Instrument :

BNA_F

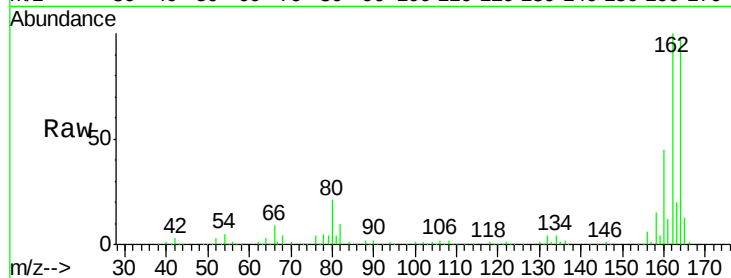
ClientSampleId :

PE-1

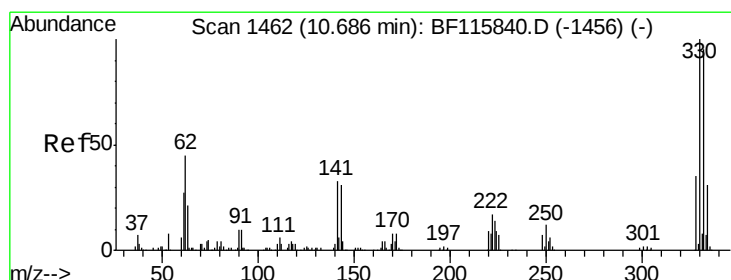
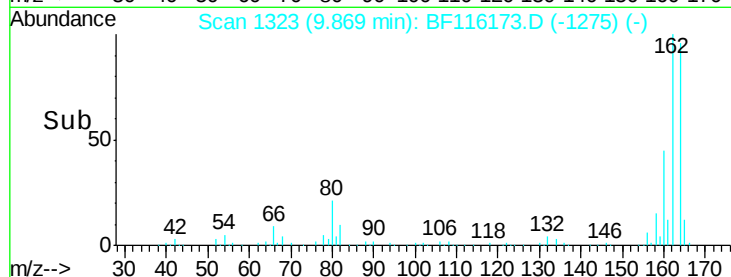
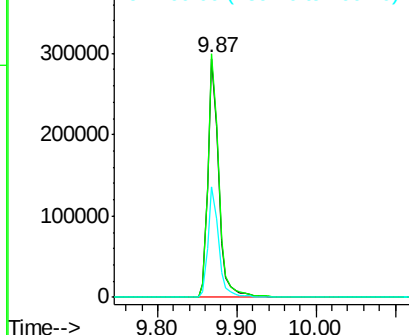
Tot Ion:	164	Resp:	281471
Ion Ratio	Lower	Upper	
164	100		
162	101.9	82.6	124.0
160	46.1	37.6	56.4

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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: 68.035 ng

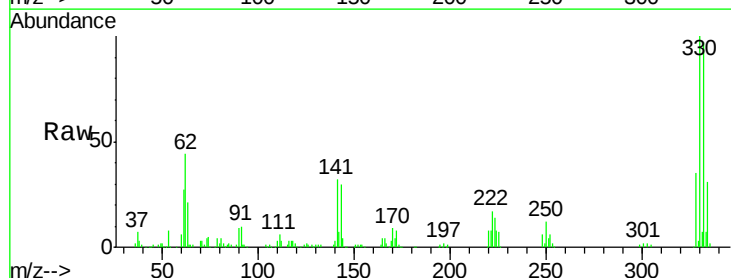
RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

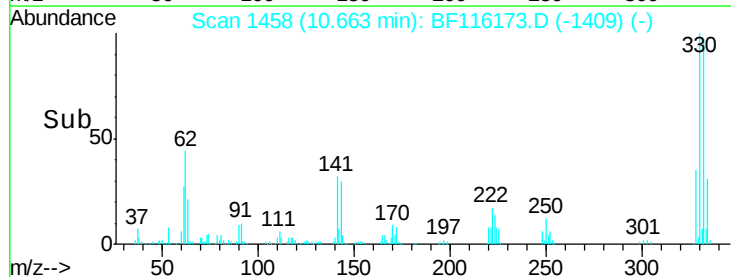
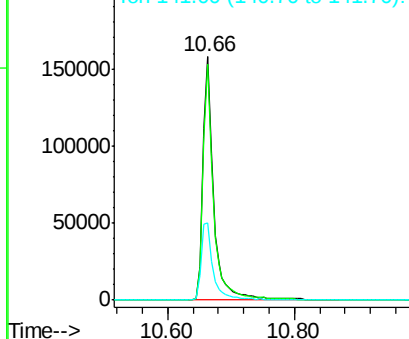
Lab File: BF116173.D

Acq: 11 Aug 2019 4:05

Tgt Ion:	330	Resp:	185663
Ion Ratio	Lower	Upper	
330	100		
332	95.5	76.8	115.2
141	35.0	26.3	39.5



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





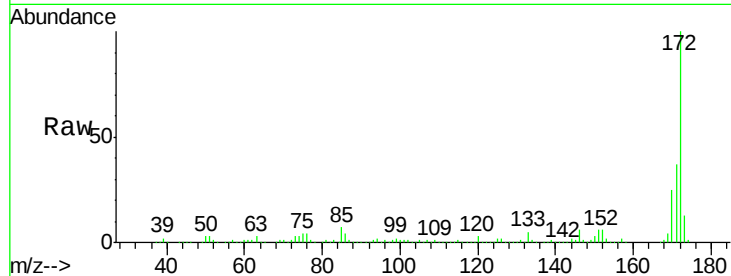
#45
2-Fluorobiphenyl
Concen: 75.565 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF116173.D
Acq: 11 Aug 2019 4:05

Instrument :
BNA_F
ClientSampled :
PE-1

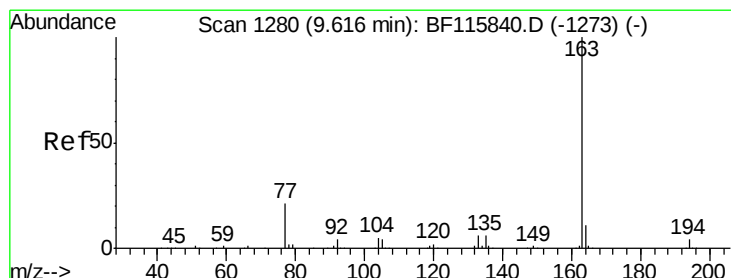
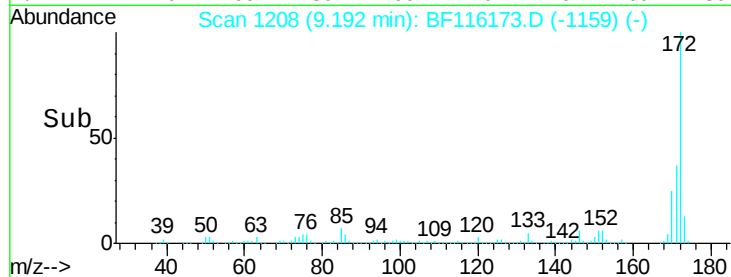
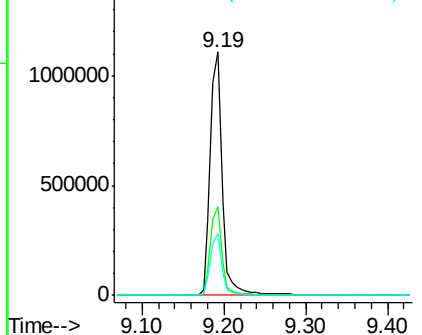
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	25.2	20.1	30.1

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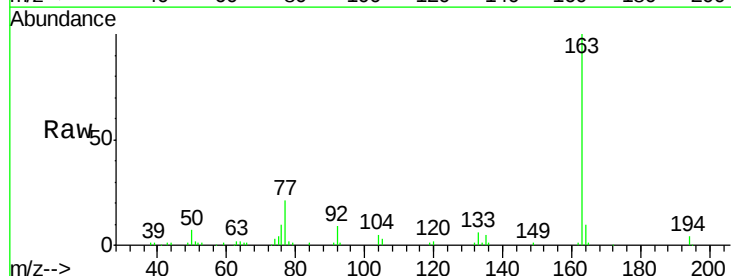


Abundance Ion 172.00 (171.70 to 172.70): E
1500000
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

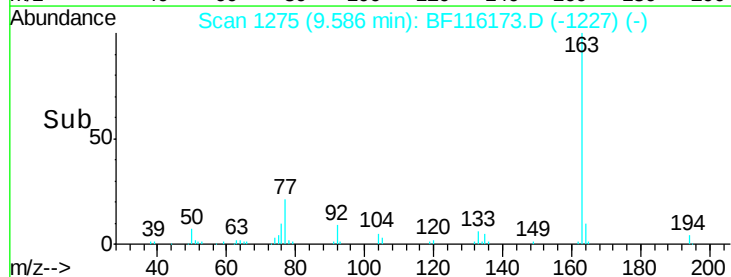
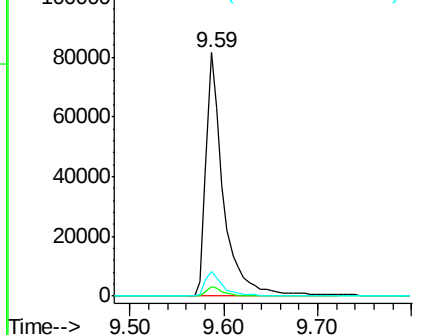


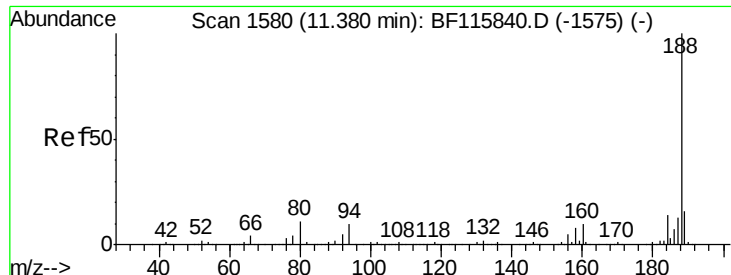
#50
Dimethylphthalate
Concen: 5.552 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF116173.D
Acq: 11 Aug 2019 4:05

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.6
164	10.0	8.4	12.6



Abundance Ion 163.00 (162.70 to 163.70): E
100000
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: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF116173.D

Acq: 11 Aug 2019 4:05

Instrument :

BNA_F

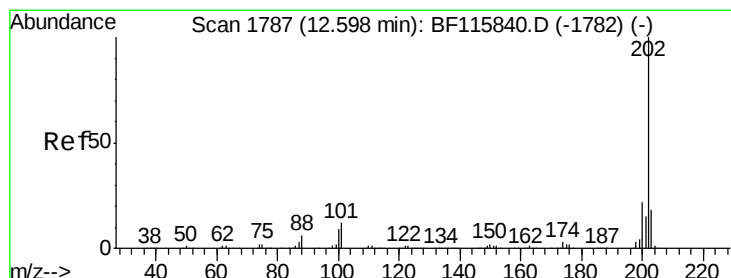
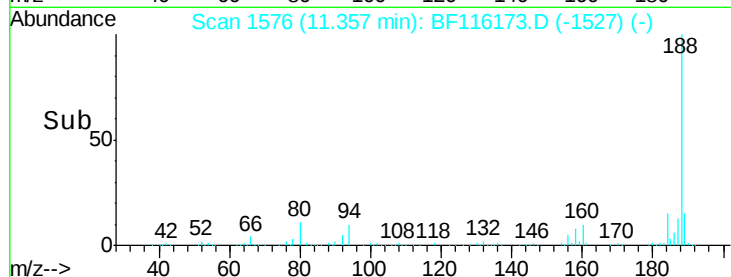
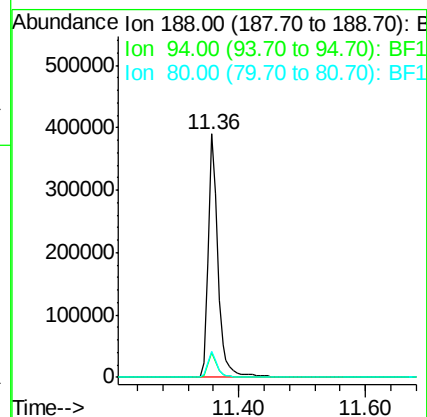
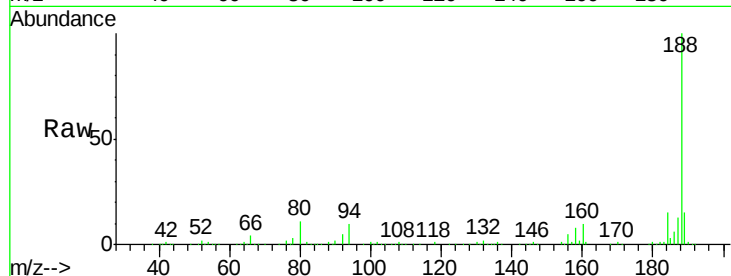
ClientSampled :

PE-1

Tot Ion:	188	Resp:	414745
Ion Ratio	Lower	Upper	
188	100		
94	10.1	8.1	12.1
80	10.9	8.7	13.1

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#75

Fluoranthene

Concen: 3.993 ng

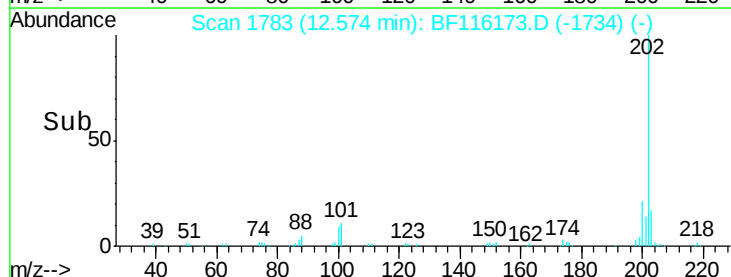
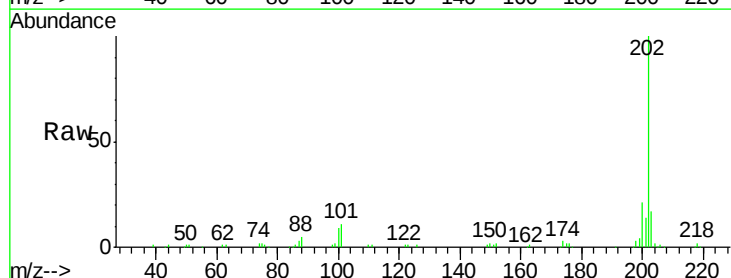
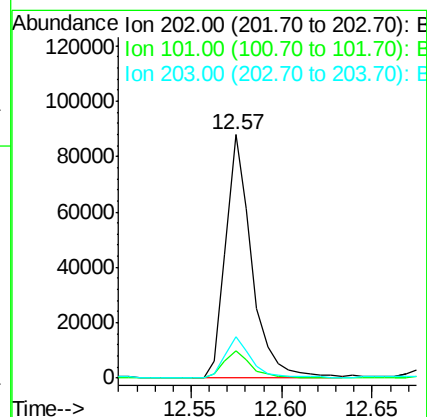
RT: 12.57 min Scan# 1783

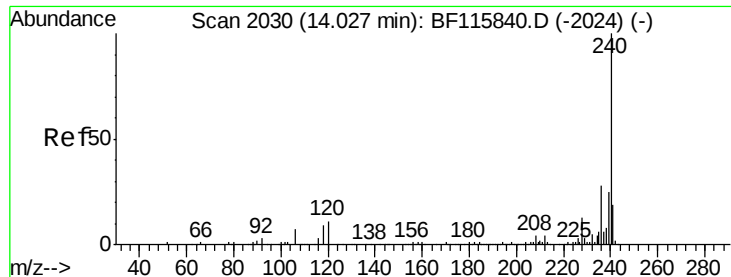
Delta R.T. -0.01 min

Lab File: BF116173.D

Acq: 11 Aug 2019 4:05

Tgt Ion:	202	Resp:	88624
Ion Ratio	Lower	Upper	
202	100		
101	11.3	0.0	31.2
203	17.1	0.0	37.8





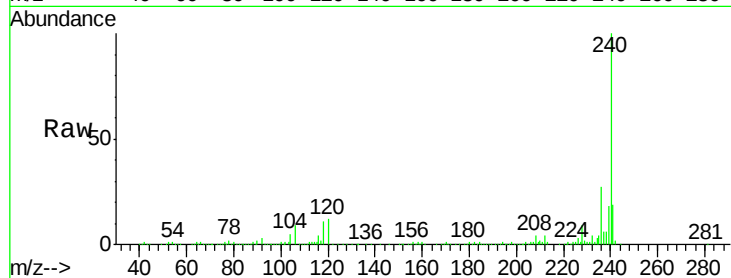
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF116173.D
Acq: 11 Aug 2019 4:05

Instrument :
BNA_F
ClientSampleId :
PE-1

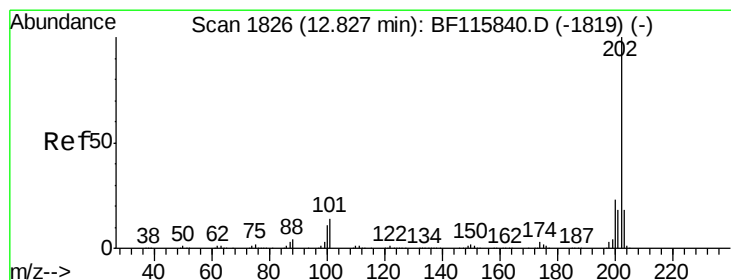
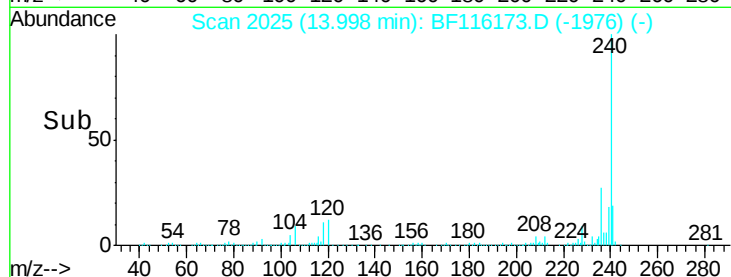
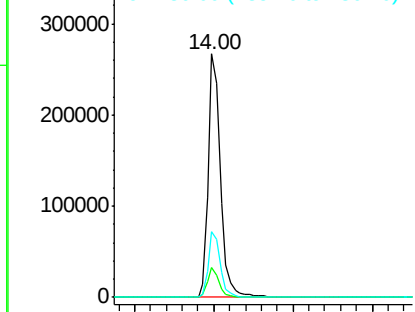
Tot Ion	Ratio	Resp	Lower	Upper
240	100	286140		
120	12.3	10.7	16.1	
236	27.2	22.2	33.2	

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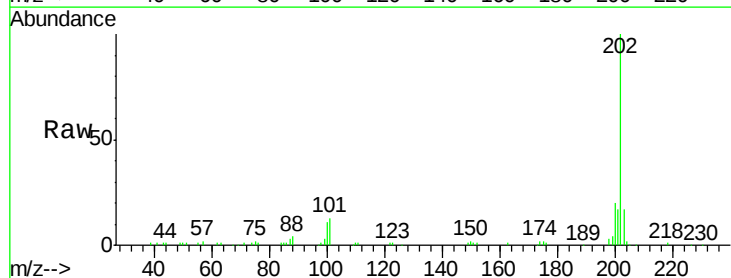


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

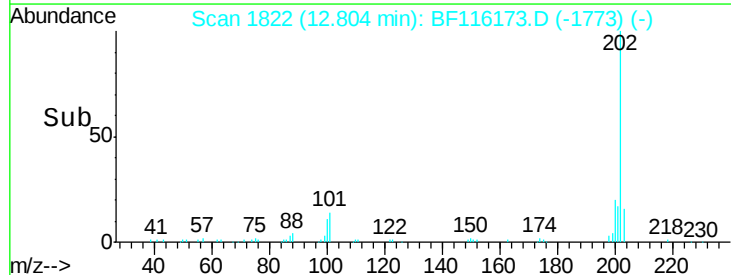
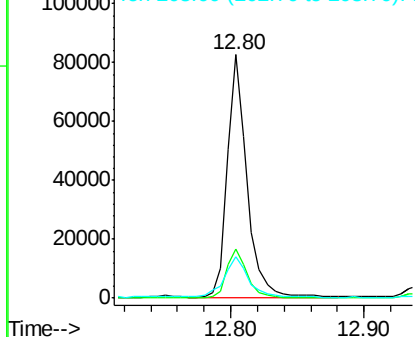


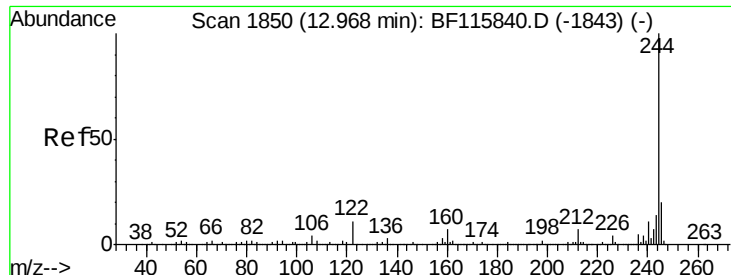
#78
Pyrene
Concen: 3.983 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BF116173.D
Acq: 11 Aug 2019 4:05

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	85922		
200	20.2	18.0	27.0	
203	16.8	14.1	21.1	



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





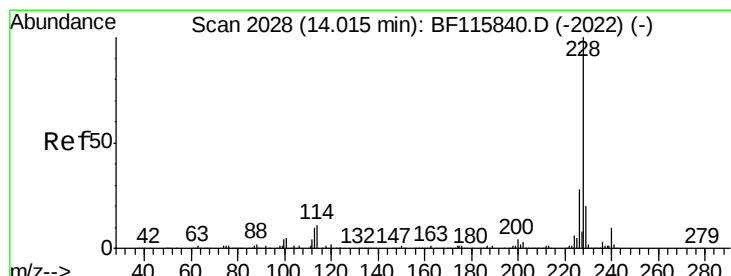
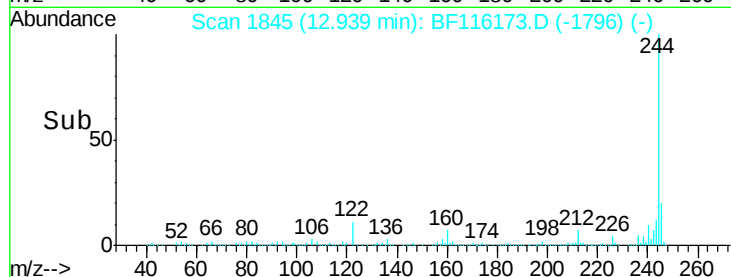
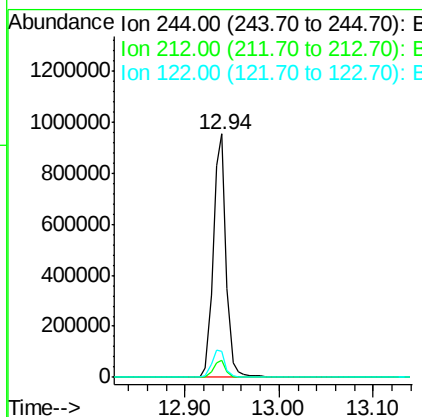
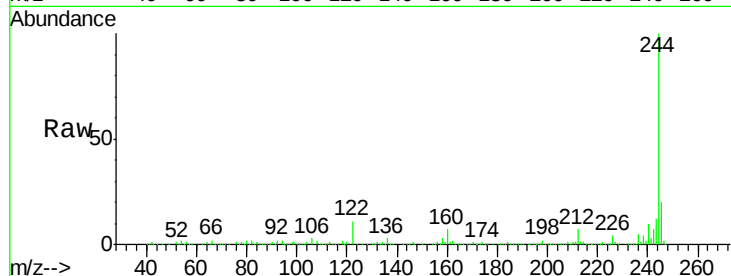
#79
 Terphenyl-d14
 Concen: 68.187 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF116173.D
 Acq: 11 Aug 2019 4:05

Instrument :
 BNA_F
 ClientSampleId :
 PE-1

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	10.8	9.0	13.4

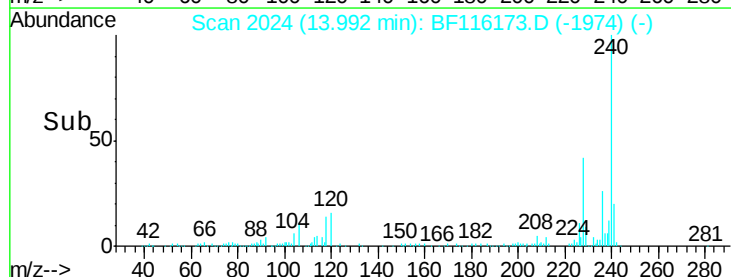
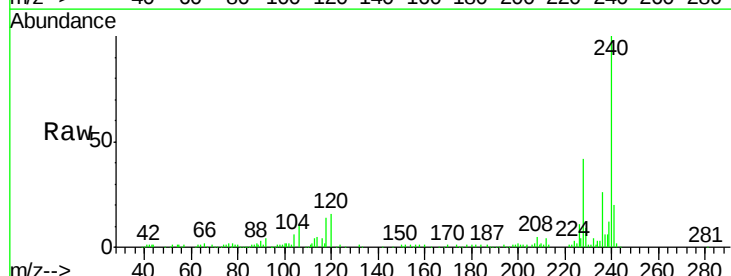
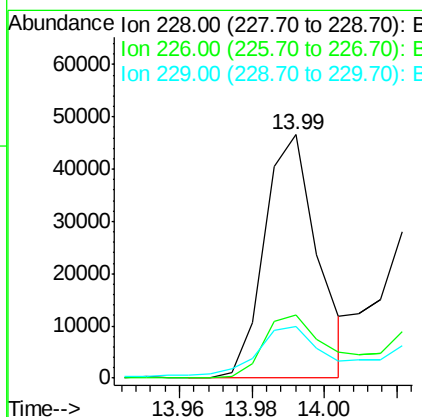
Manual Integrations
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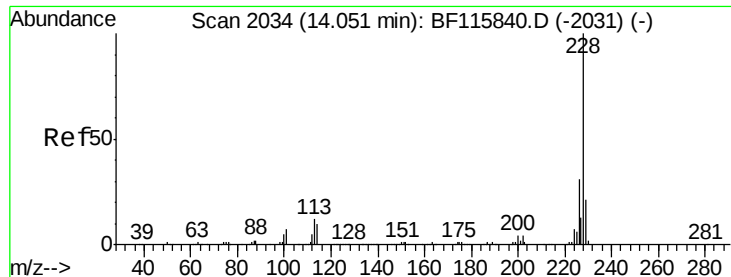
mohammad
 8/14/2019 2:55:08 AM



#81
 Benzo(a)anthracene
 Concen: 2.589 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF116173.D
 Acq: 11 Aug 2019 4:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	25.9	22.7	34.1
229	21.1	16.2	24.4





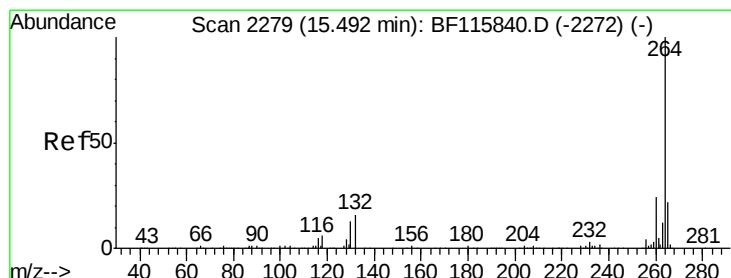
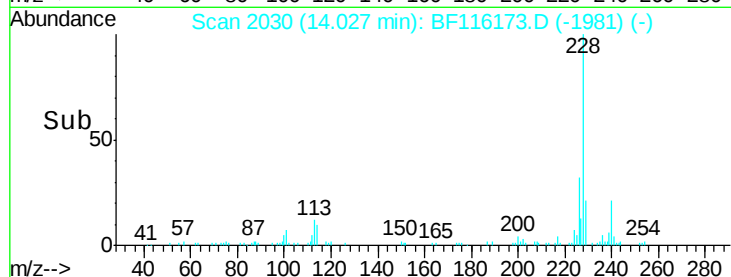
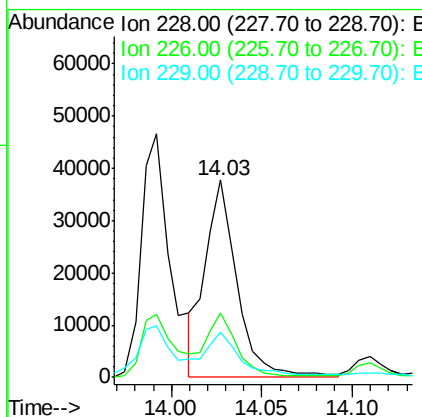
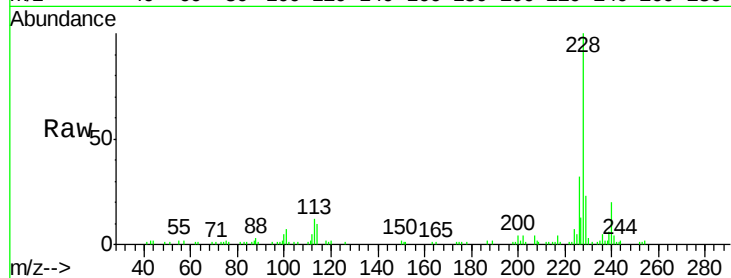
#83
Chrysene
Concen: 2.605 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF116173.D
Acq: 11 Aug 2019 4:05

Instrument :
BNA_F
ClientSampleId :
PE-1

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.4	25.5	38.3
229	22.7	16.6	24.8

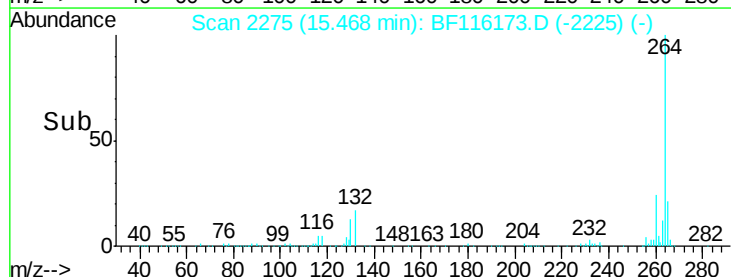
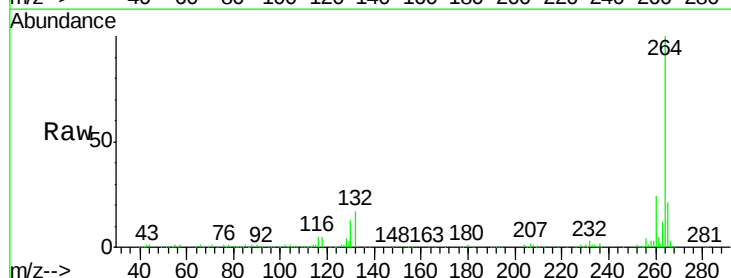
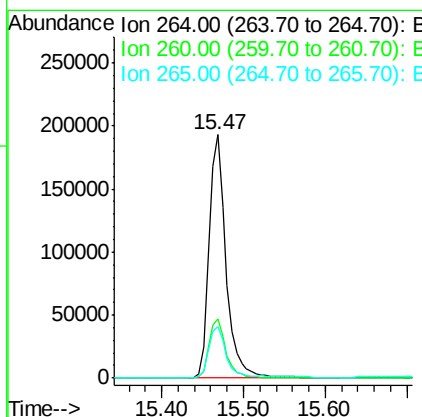
Manual Integrations
APPROVED

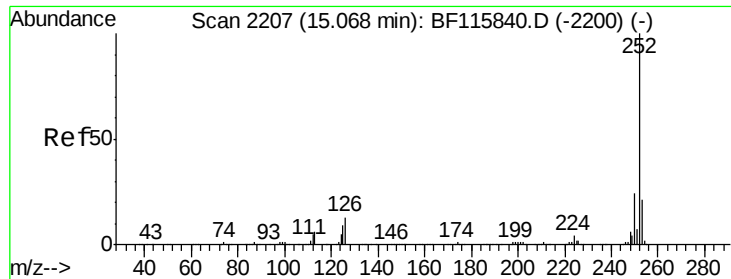
mohammad
8/14/2019 2:55:08 AM



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF116173.D
Acq: 11 Aug 2019 4:05

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.7	29.5
265	21.4	17.4	26.0





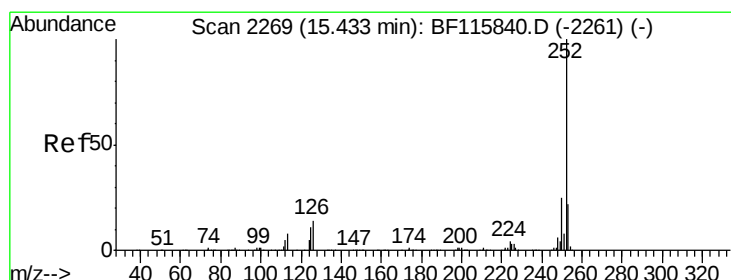
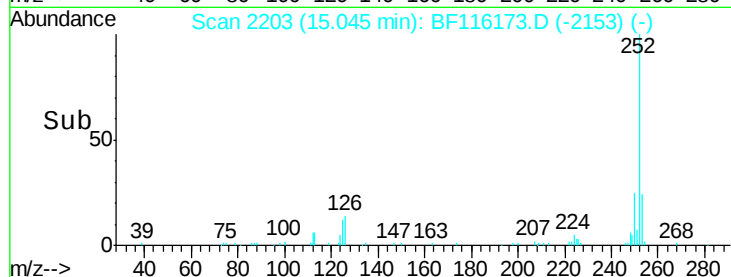
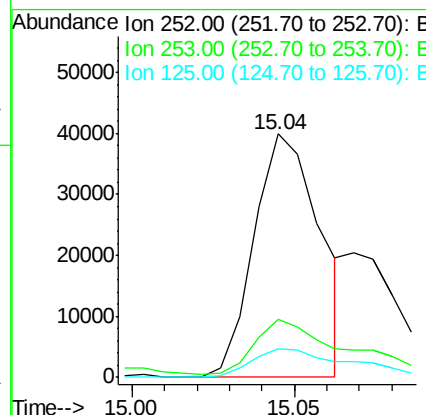
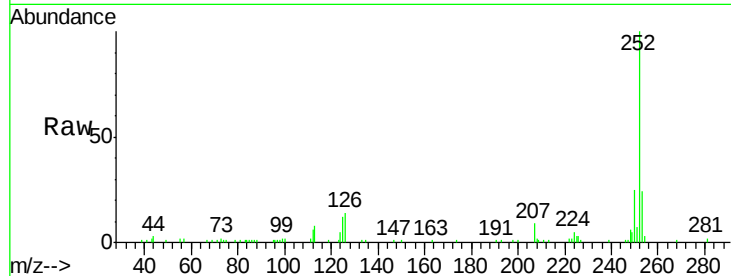
#88
Benzo(b)fluoranthene
Concen: 3.548 ng m
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF116173.D
Acq: 11 Aug 2019 4:05

Instrument :
BNA_F
ClientSampled :
PE-1

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.8	26.8
125	11.6	8.4	12.6

Manual Integrations
APPROVED

mohammad
8/14/2019 2:55:08 AM



#90
Benzo(a)pyrene
Concen: 3.118 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF116173.D
Acq: 11 Aug 2019 4:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.0	27.0
125	11.6	8.9	13.3

