

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
 Data File : BF116412.D
 Acq On : 20 Aug 2019 2:26
 Operator : HP/JU
 Sample : K4223-21
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-11

Manual Integrations
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 8/22/2019 12:45:56 PM

Quant Time: Aug 20 04:08:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 06:03:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	102169	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	405985	20.00	ng	-0.02
39) Acenaphthene-d10	9.83	164	219573	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	387306	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	250509	20.00	ng	-0.02
87) Perylene-d12	15.42	264	296814	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	576797	94.51	ng	0.00
7) Phenol-d6	6.45	99	770727	100.09	ng	-0.01
23) Nitrobenzene-d5	7.37	82	478035	67.97	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	209439	98.38	ng	-0.02
45) 2-Fluorobiphenyl	9.16	172	744917	63.55	ng	-0.01
79) Terphenyl-d14	12.90	244	712341	59.92	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.55	163	165168	11.048	ng	98
75) Fluoranthene	12.54	202	60044	2.897	ng	97
78) Pyrene	12.77	202	49253	2.608	ng	98
88) Benzo(b)fluoranthene	15.01	252	39453m	2.299	ng	

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

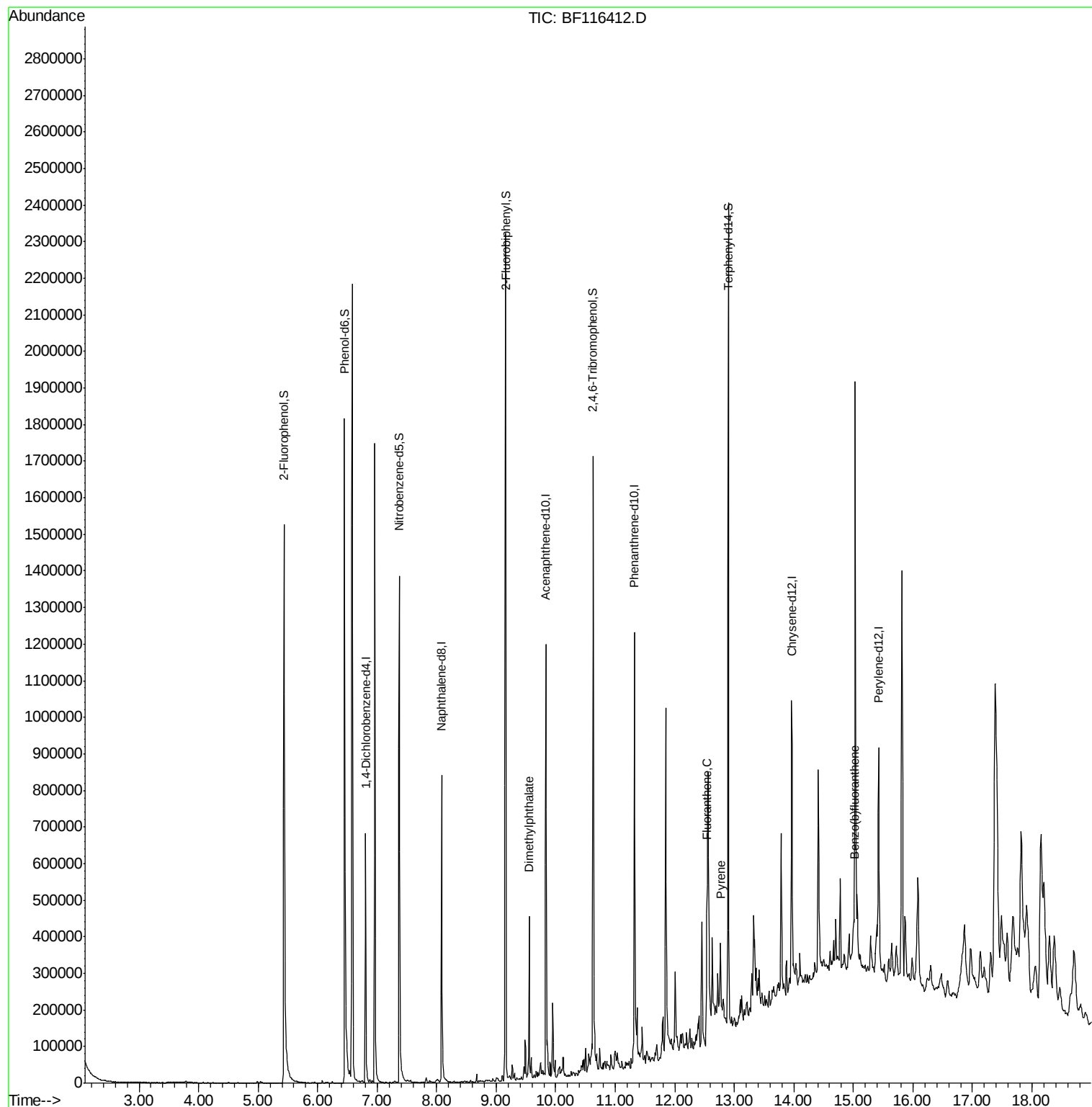
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
Data File : BF116412.D
Acq On : 20 Aug 2019 2:26
Operator : HP/JU
Sample : K4223-21
Misc :
ALS Vial : 21 Sample Multiplier: 1

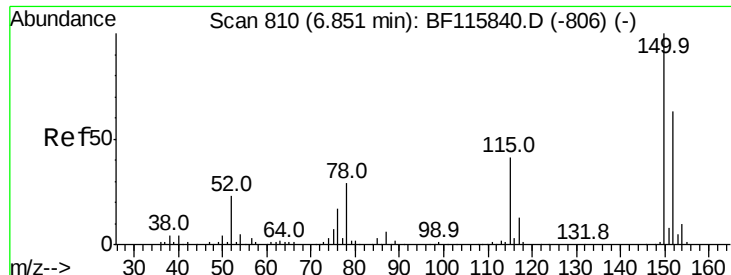
Instrument :
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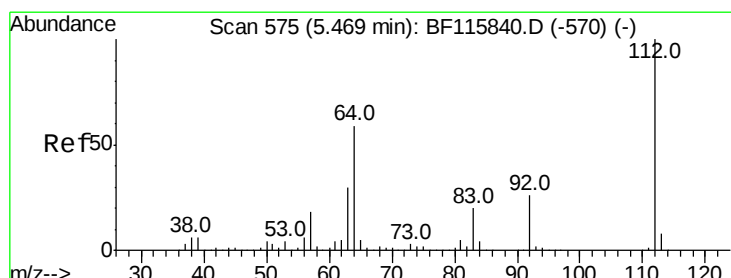
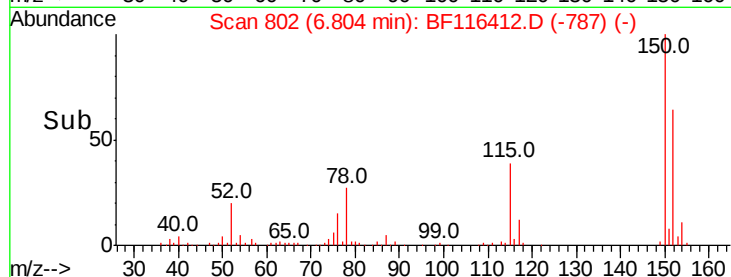
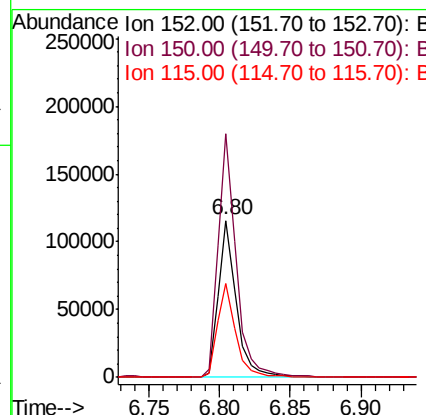
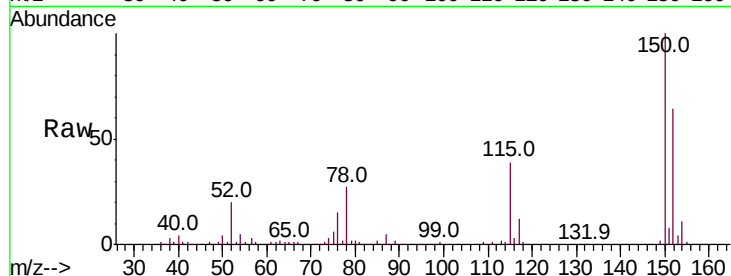
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF116412.D
 Acq: 20 Aug 2019 2:26

Instrument :
 BNA_F
 ClientSampleId :
 SP-11

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	126.2	189.2
115	60.1	49.9	74.9

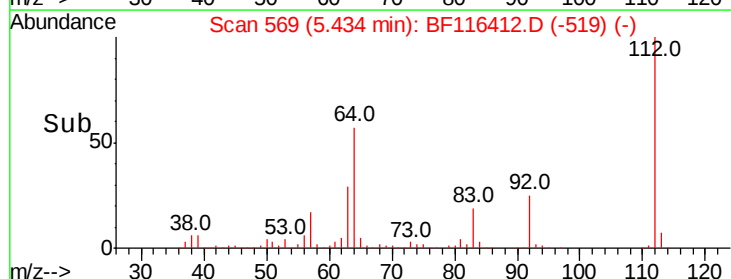
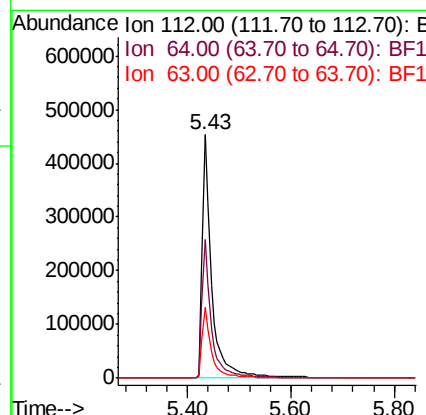
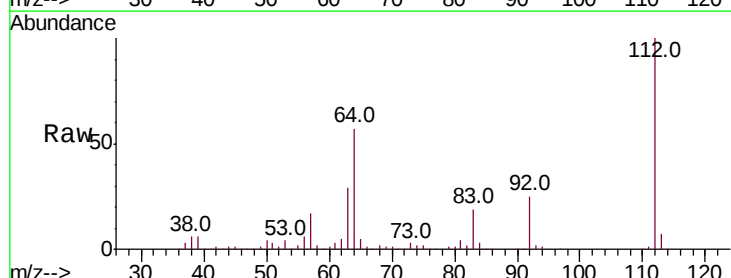
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#5
 2-Fluorophenol
 Concen: 94.509 ng
 RT: 5.43 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: BF116412.D
 Acq: 20 Aug 2019 2:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.1	45.4	68.2
63	29.2	23.7	35.5





#7

Phenol-d6

Concen: 100.093 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF116412.D

Acq: 20 Aug 2019 2:26

Instrument :

BNA_F

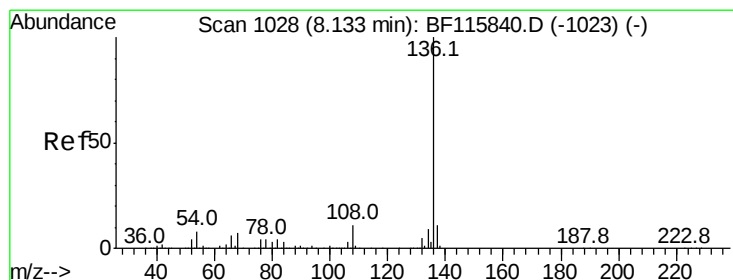
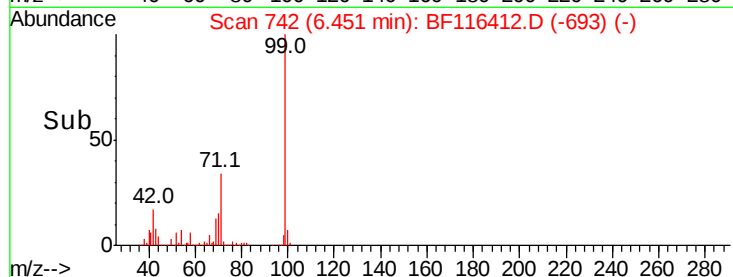
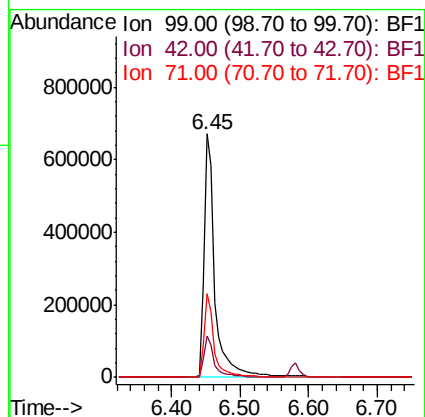
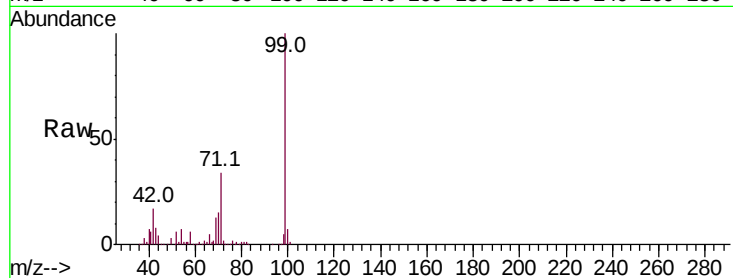
ClientSampled :

SP-11

Tot Ion:	99	Resp:	770727
Ion Ratio	Lower	Upper	
99	100		
42	16.9	13.8	20.8
71	34.3	27.3	40.9

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#21

Naphthalene-d8

Concen: 20.000 ng

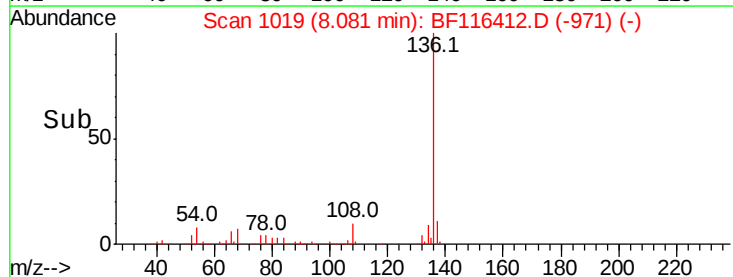
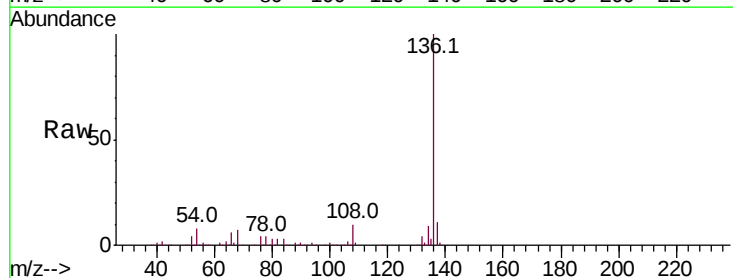
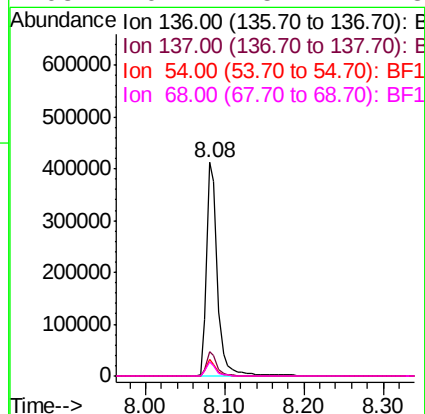
RT: 8.08 min Scan# 1019

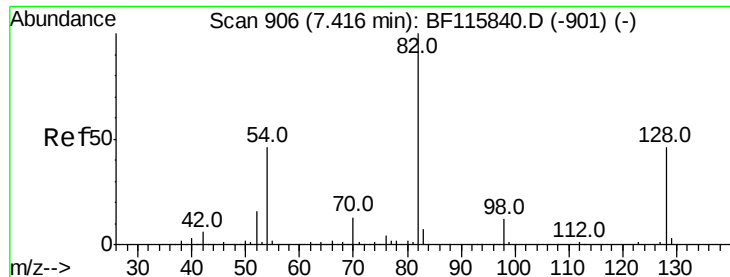
Delta R.T. -0.02 min

Lab File: BF116412.D

Acq: 20 Aug 2019 2:26

Tgt Ion:	136	Resp:	405985
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.0	13.4
54	7.5	5.8	8.6
68	6.7	5.2	7.8





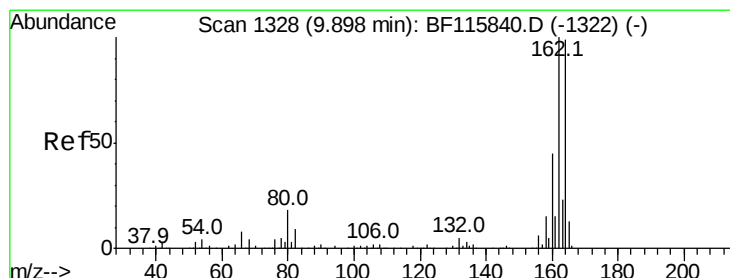
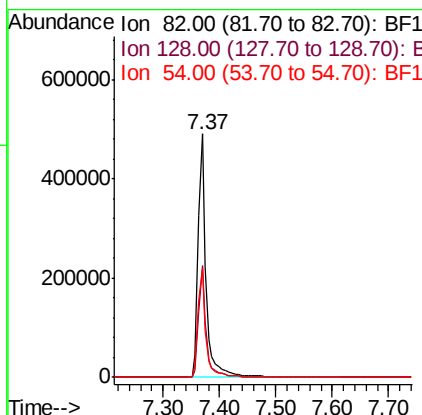
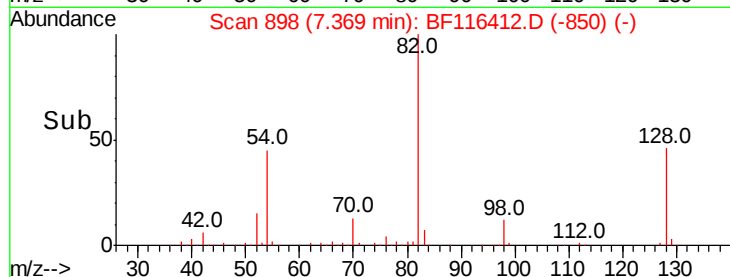
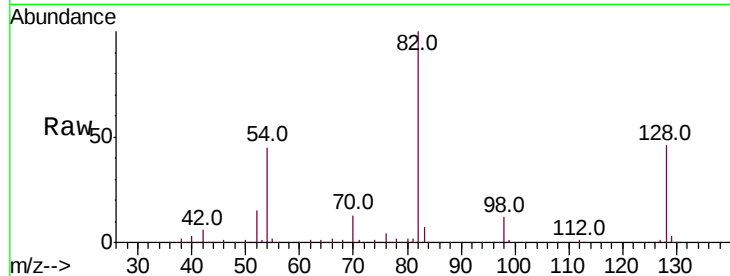
#23
 Nitrobenzene-d5
 Concen: 67.967 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.02 min
 Lab File: BF116412.D
 Acq: 20 Aug 2019 2:26

Instrument :
 BNA_F
 ClientSampled :
 SP-11

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.7	36.5	54.7
54	45.0	36.0	54.0

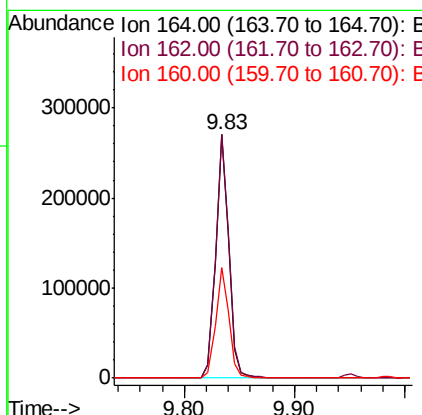
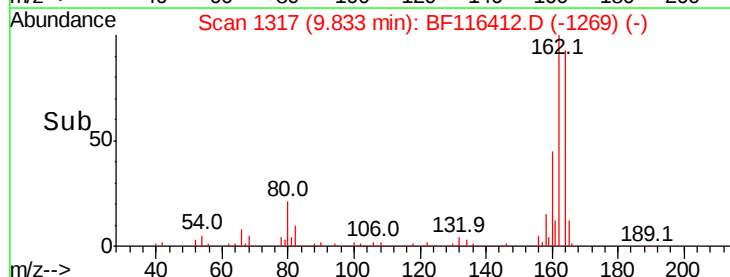
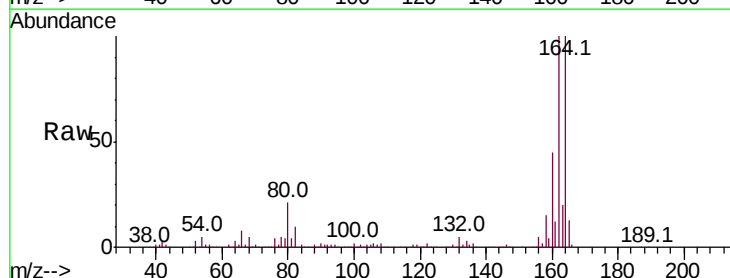
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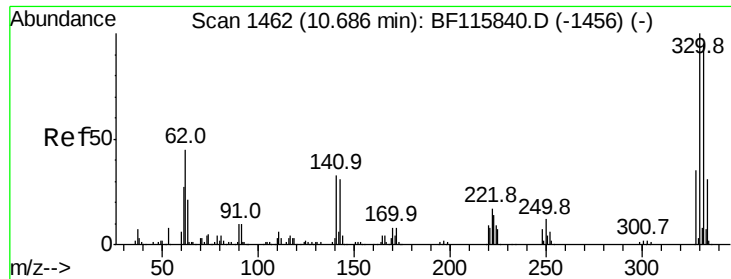
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.02 min
 Lab File: BF116412.D
 Acq: 20 Aug 2019 2:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.8	82.6	124.0
160	45.2	37.6	56.4





#42

2,4,6-Tribromophenol

Concen: 98.383 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.02 min

Lab File: BF116412.D

Acq: 20 Aug 2019 2:26

Instrument :

BNA_F

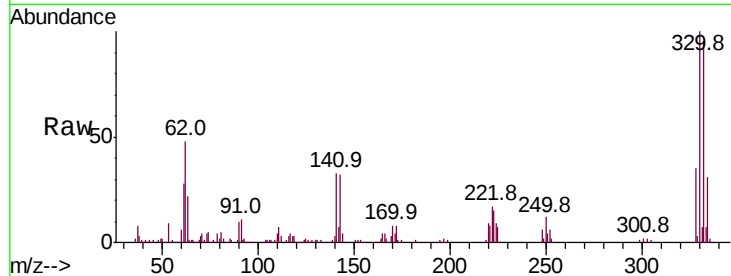
ClientSampleId :

SP-11

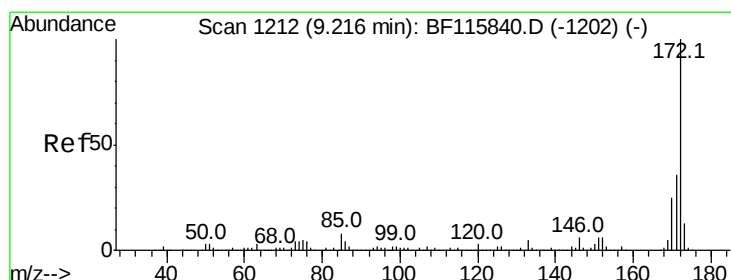
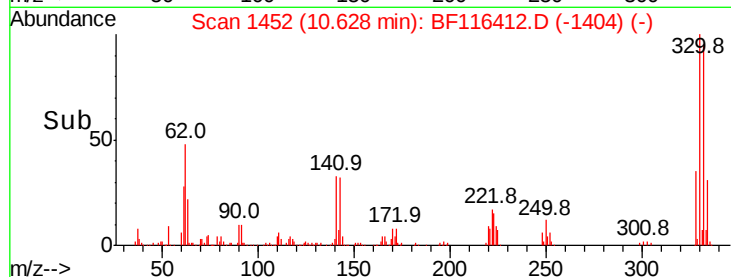
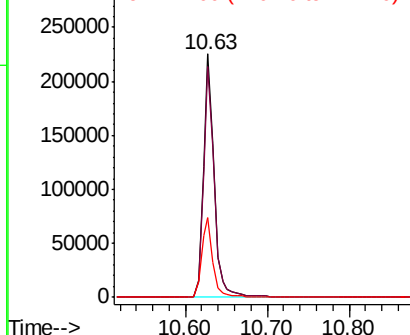
Tot Ion:	330	Resp:	209439
Ion Ratio	Lower	Upper	
330	100		
332	95.4	76.8	115.2
141	34.3	26.3	39.5

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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: 63.545 ng

RT: 9.16 min Scan# 1202

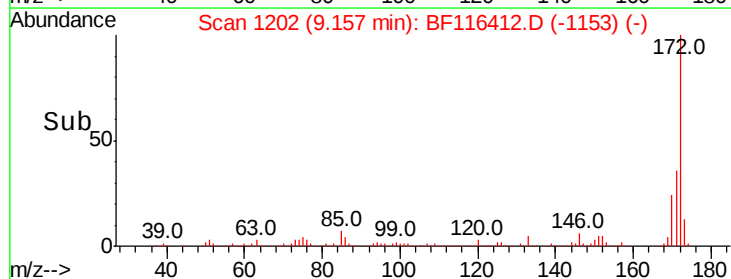
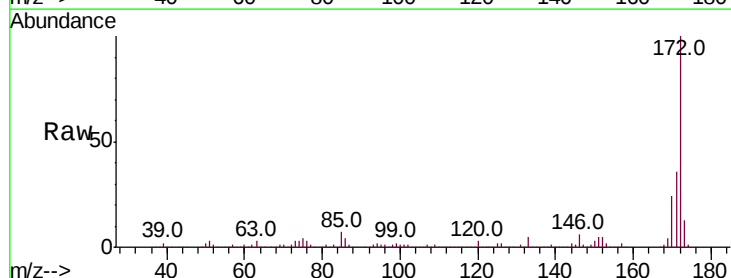
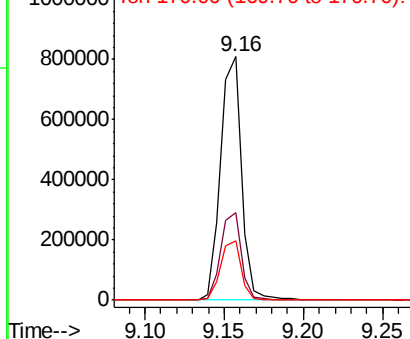
Delta R.T. -0.01 min

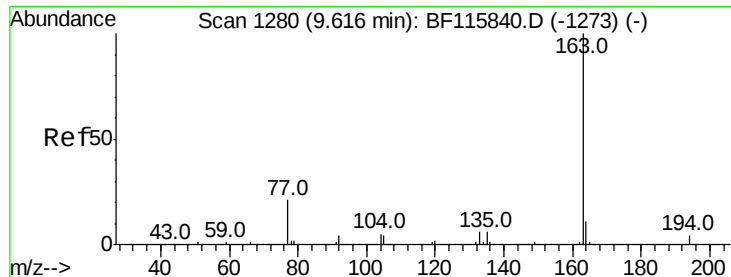
Lab File: BF116412.D

Acq: 20 Aug 2019 2:26

Tgt Ion:	172	Resp:	744917
Ion Ratio	Lower	Upper	
172	100		
171	35.8	29.6	44.4
170	24.2	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: 11.048 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.02 min

Lab File: BF116412.D

Acq: 20 Aug 2019 2:26

Instrument :

BNA_F

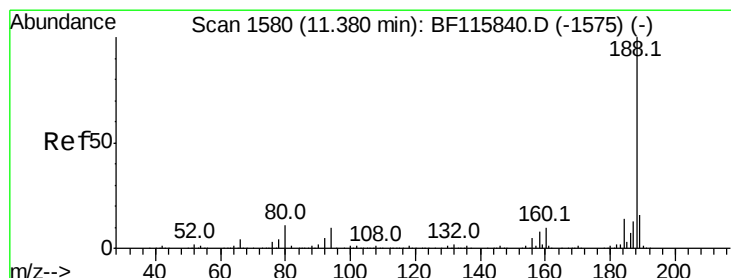
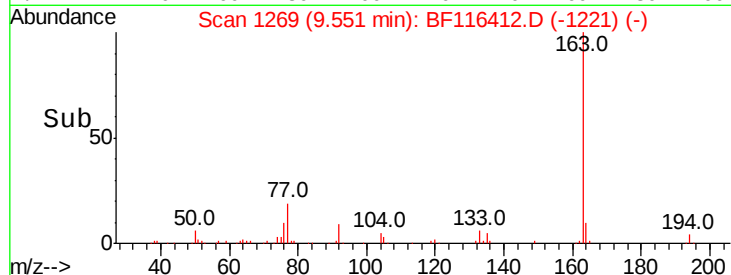
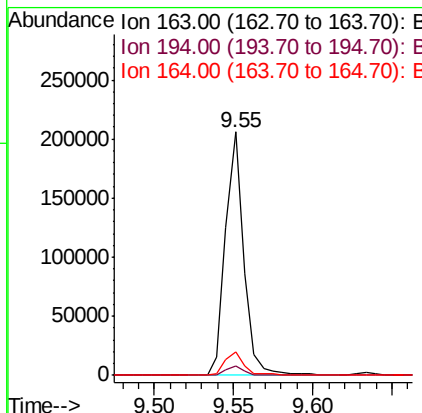
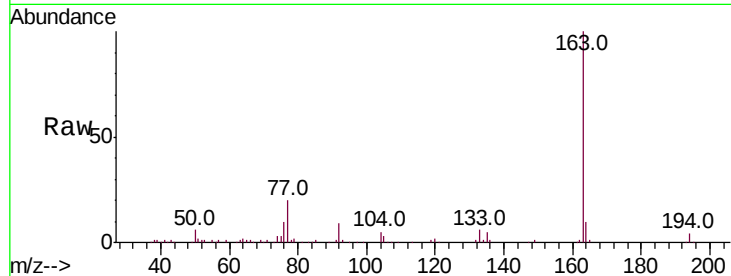
ClientSampled :

SP-11

Tot Ion:163	Resp:	165168
Ion Ratio	Lower	Upper
163 100		
194 3.8	3.0	4.6
164 9.7	8.4	12.6

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#64

Phenanthrene-d10

Concen: 20.000 ng

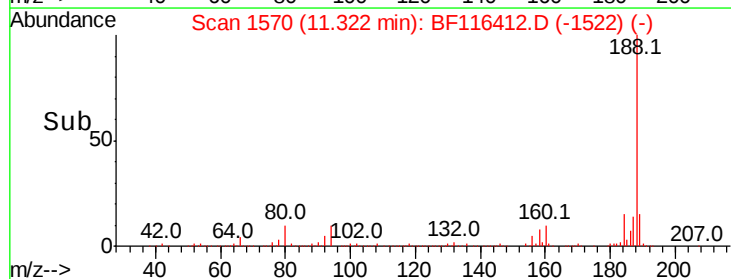
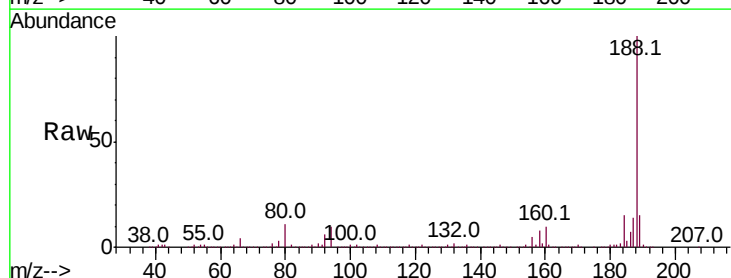
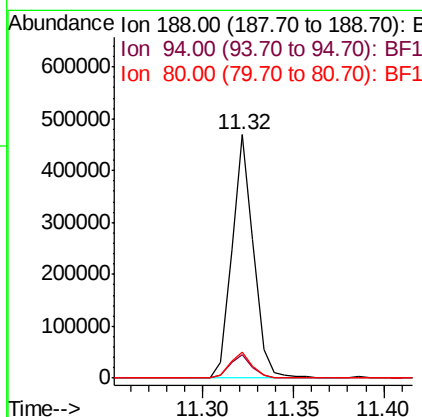
RT: 11.32 min Scan# 1570

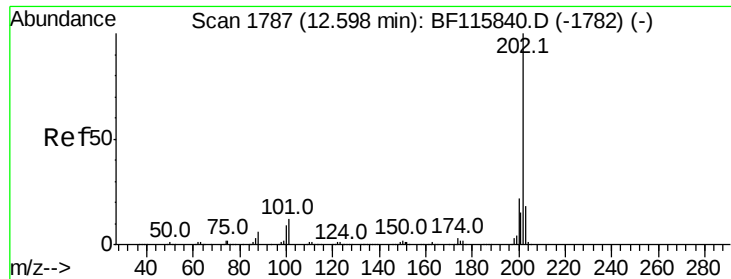
Delta R.T. -0.02 min

Lab File: BF116412.D

Acq: 20 Aug 2019 2:26

Tgt Ion:188	Resp:	387306
Ion Ratio	Lower	Upper
188 100		
94 9.8	8.1	12.1
80 10.5	8.7	13.1





#75

Fluoranthene

Concen: 2.897 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BF116412.D

Acq: 20 Aug 2019 2:26

Instrument :

BNA_F

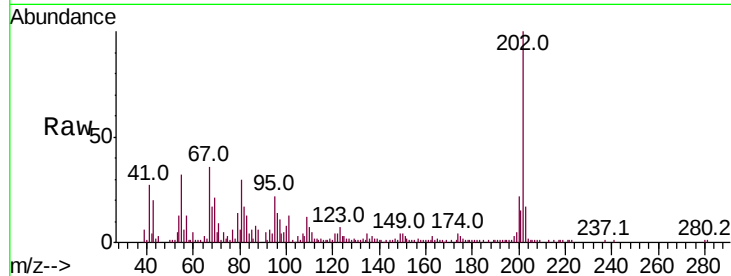
ClientSampled :

SP-11

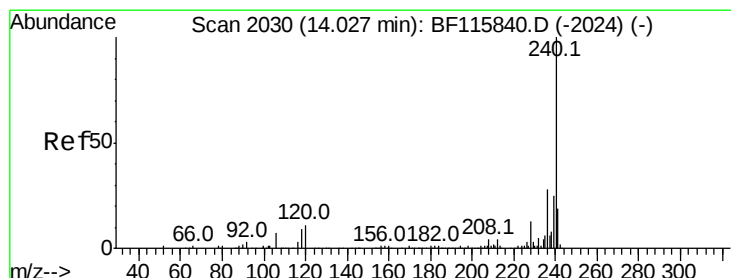
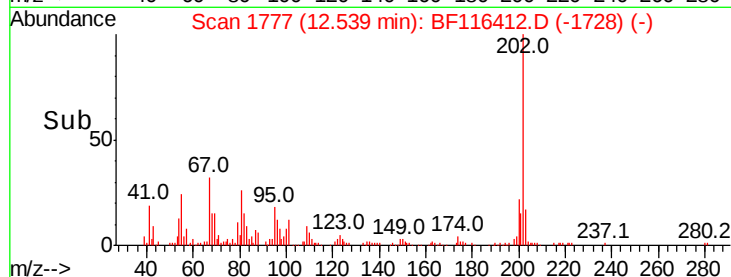
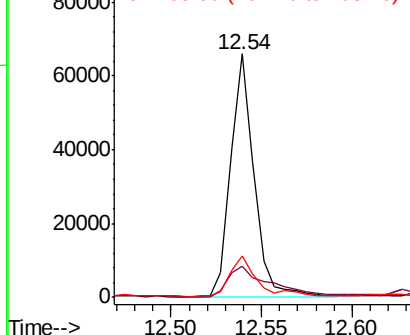
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.9	0.0	31.2
203	17.2	0.0	37.8

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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: 13.96 min Scan# 2019

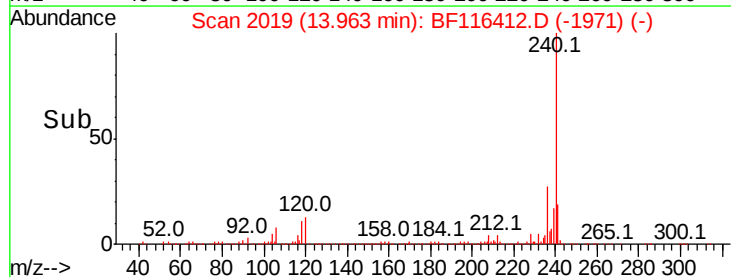
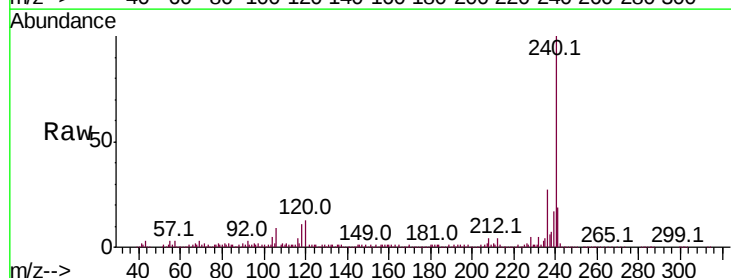
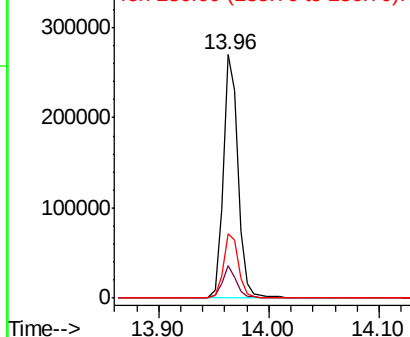
Delta R.T. -0.02 min

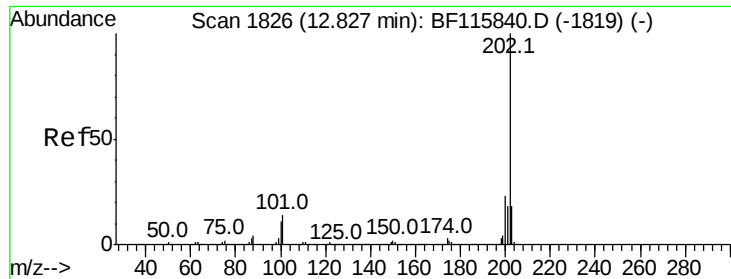
Lab File: BF116412.D

Acq: 20 Aug 2019 2:26

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	13.1	10.7	16.1
236	26.6	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: 2.608 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF116412.D

Acq: 20 Aug 2019 2:26

Instrument :

BNA_F

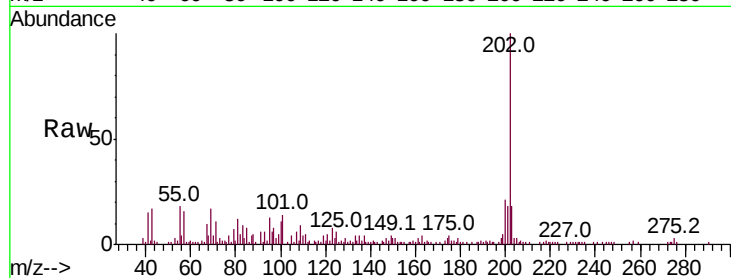
ClientSampleId :

SP-11

Tot Ion:	202	Resp:	49253
Ion Ratio	Lower	Upper	
202	100		
200	21.0	18.0	27.0
203	17.6	14.1	21.1

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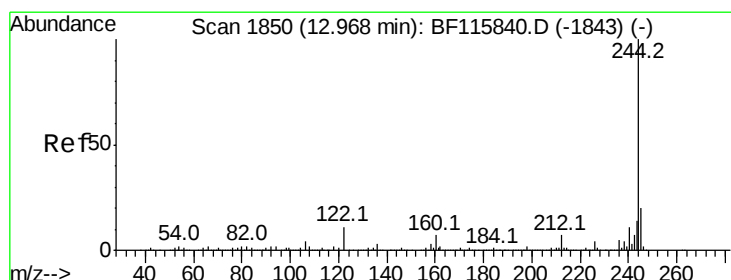
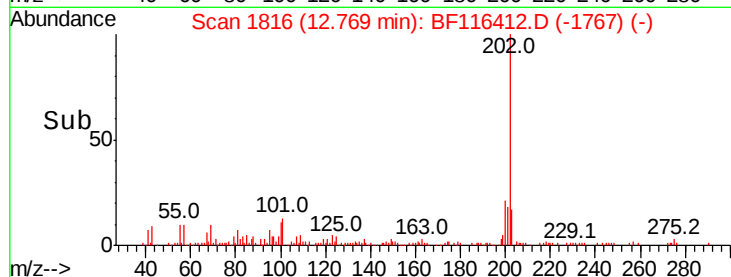
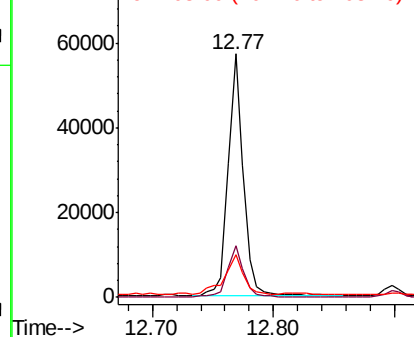


Abundance

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: 59.919 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.02 min

Lab File: BF116412.D

Acq: 20 Aug 2019 2:26

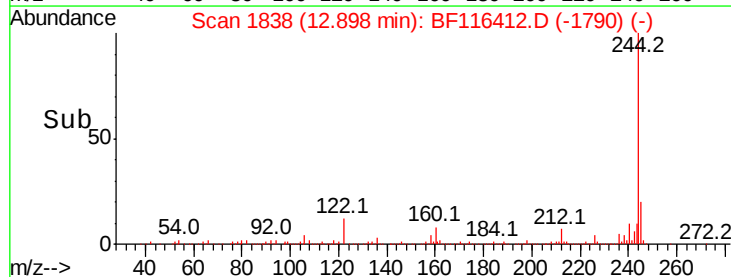
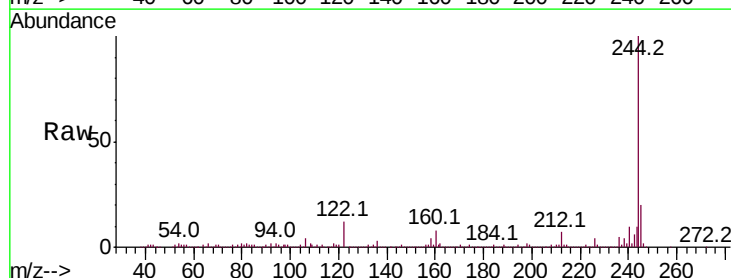
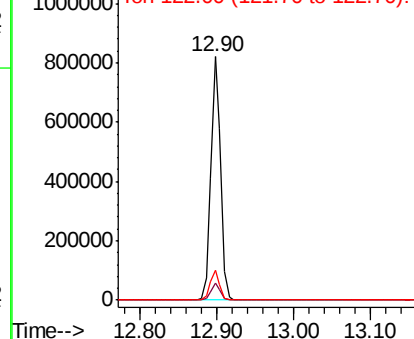
Tgt Ion:	244	Resp:	712341
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.8	8.8
122	12.2	9.0	13.4

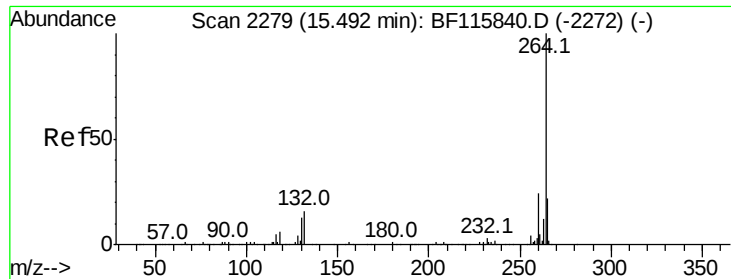
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





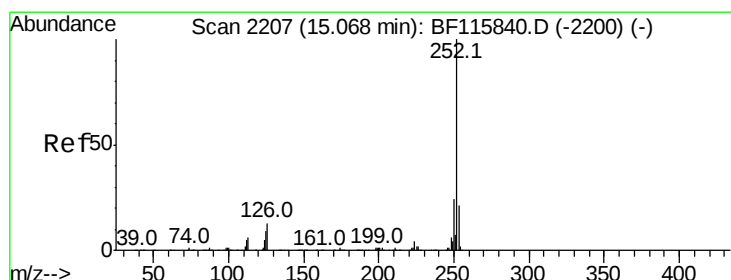
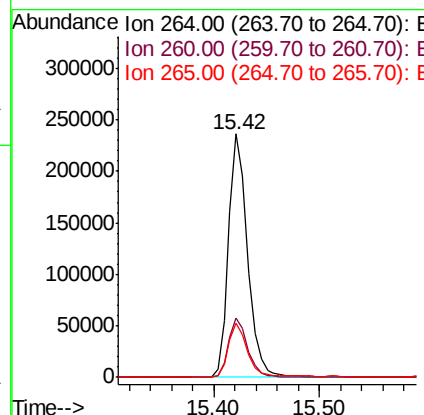
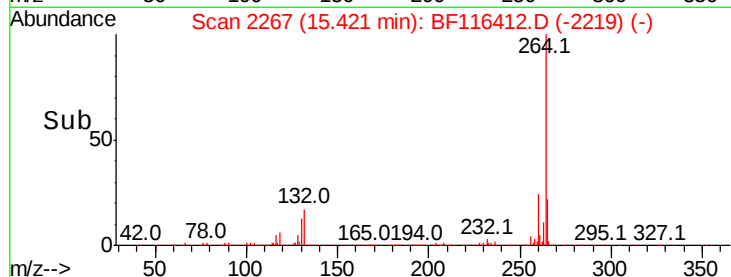
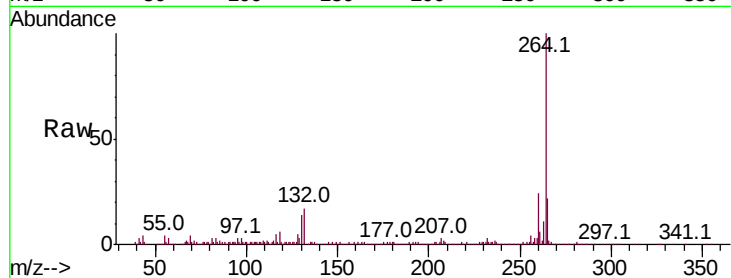
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.02 min
Lab File: BF116412.D
Acq: 20 Aug 2019 2:26

Instrument :
BNA_F
ClientSampleId :
SP-11

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.7	29.5
265	22.2	17.4	26.0

Manual Integrations
APPROVED

mohammad
8/22/2019 12:45:56 PM



#88
Benzo(b)fluoranthene
Concen: 2.299 ng m
RT: 15.01 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BF116412.D
Acq: 20 Aug 2019 2:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.8	26.8
125	23.0	8.4	12.6

