

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022119\
 Data File : BF112648.D
 Acq On : 21 Feb 2019 13:14
 Operator : JU/SJ
 Sample : K1546-10
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200034

Manual Integrations
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Sohil
 2/21/2019 3:59:49 PM

Quant Time: Feb 21 15:37:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 21 12:57:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	86694	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	340335	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	178101	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	363371	20.00	ng	0.00
76) Chrysene-d12	14.00	240	287053	20.00	ng	0.00
87) Perylene-d12	15.47	264	225074	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	584804	143.28	ng	0.00
7) Phenol-d6	6.47	99	726920	128.17	ng	0.00
23) Nitrobenzene-d5	7.39	82	477397	80.82	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	269549	130.03	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	955541	75.88	ng	0.00
79) Terphenyl-d14	12.93	244	1157342	75.94	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.57	163	69941	5.054	ng	97
75) Fluoranthene	12.57	202	78778	3.888	ng	96
78) Pyrene	12.80	202	72267	3.636	ng	98
83) Chrysene	14.02	228	35258m	2.189	ng	
88) Benzo(b)fluoranthene	15.04	252	38094m	2.830	ng	

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

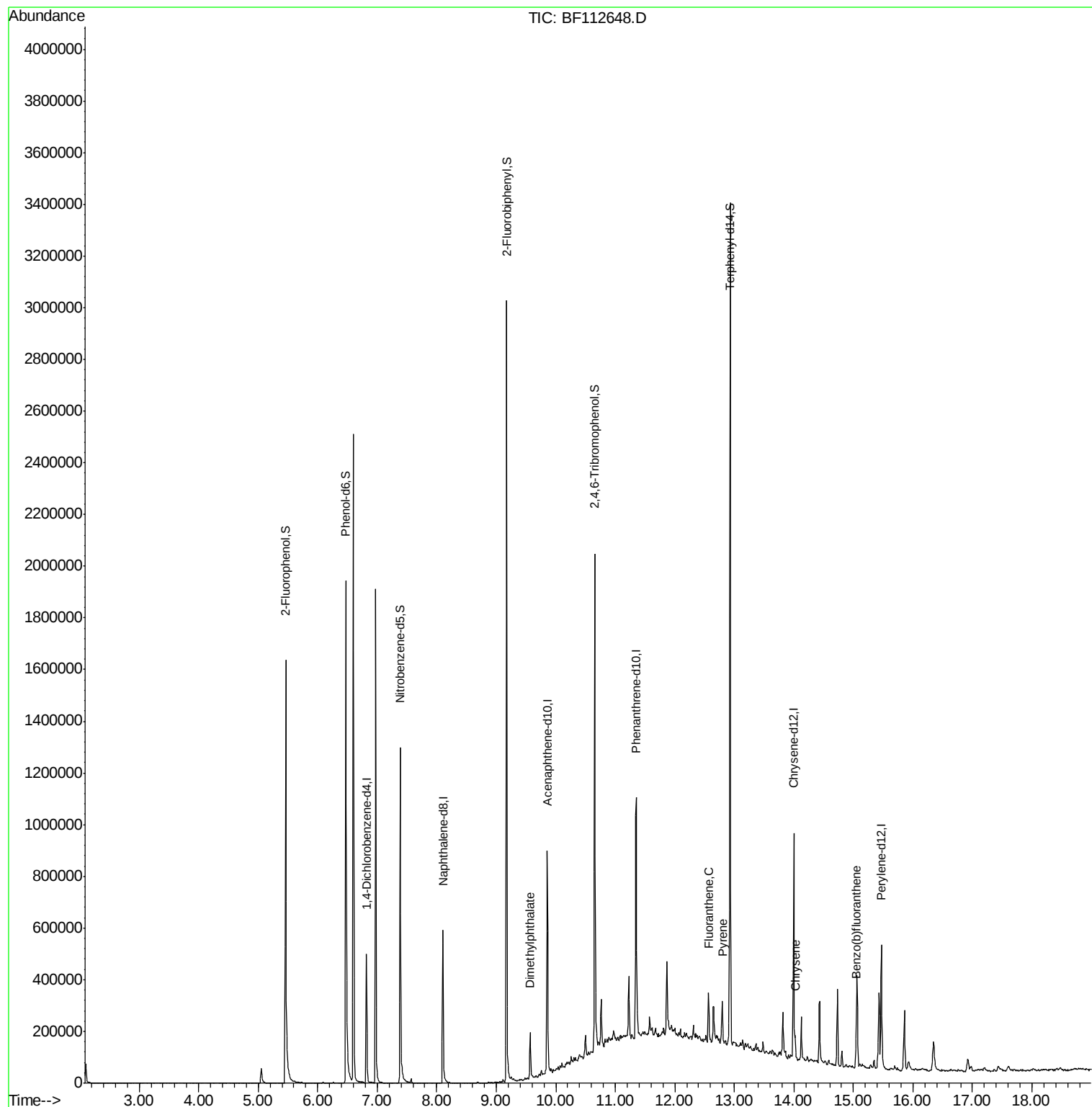
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022119\
Data File : BF112648.D
Acq On : 21 Feb 2019 13:14
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
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#1

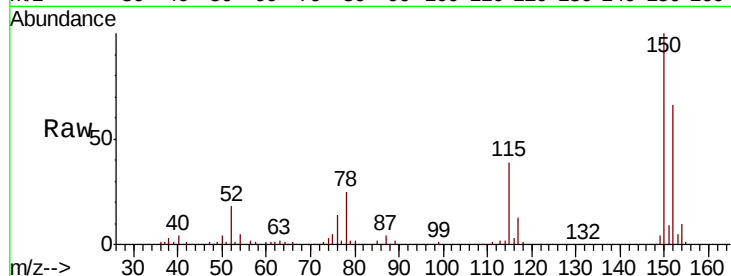
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF112648.D
Acq: 21 Feb 2019 13:14

Instrument :
BNA_F
ClientSampleId :
RBR-200034

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.9	127.4	191.0
115	58.8	45.5	68.3

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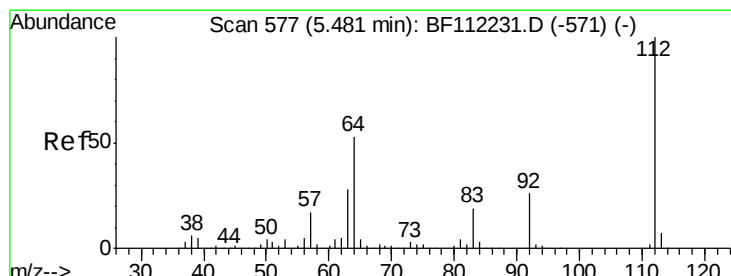
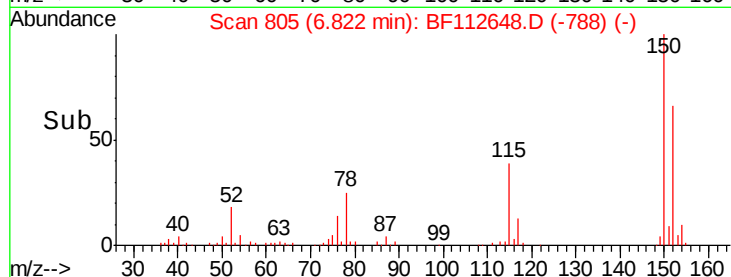
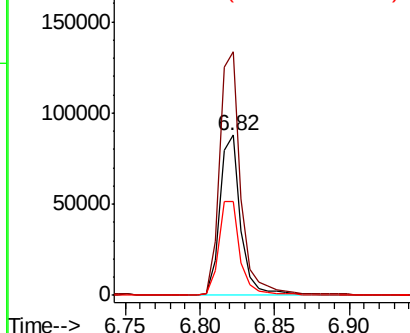


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

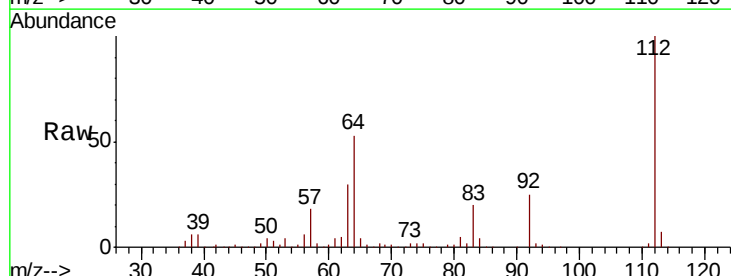
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 143.281 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.01 min
Lab File: BF112648.D
Acq: 21 Feb 2019 13:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.2	45.7	68.5
63	29.9	23.6	35.4

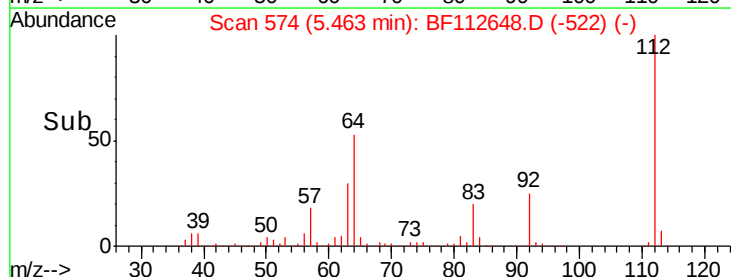
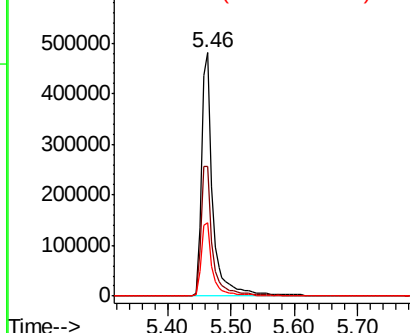


Abundance

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: 128.171 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF112648.D

Acq: 21 Feb 2019 13:14

Instrument :

BNA_F

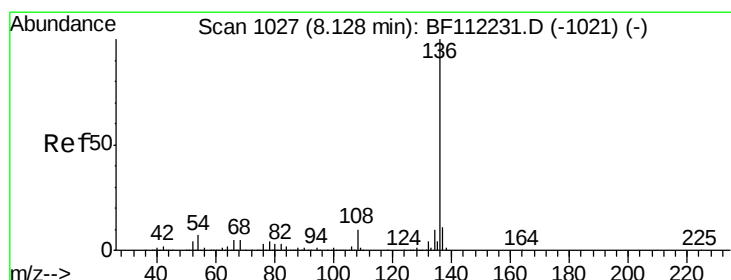
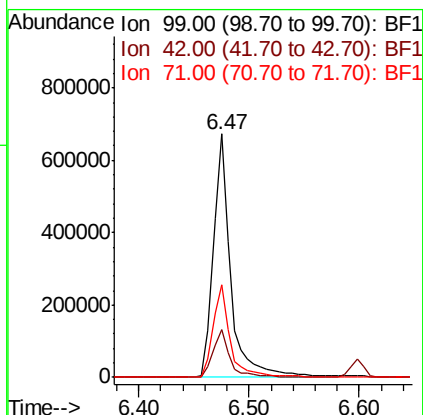
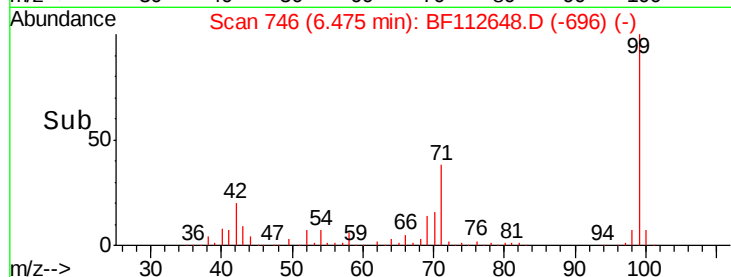
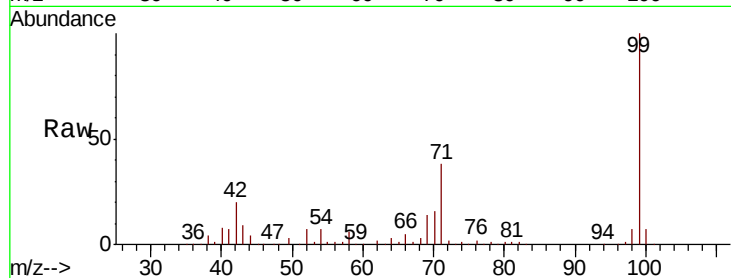
ClientSampleId :

RBR-200034

Tot Ion:	99	Resp:	726920
Ion Ratio	Lower	Upper	
99	100		
42	19.9	15.1	22.7
71	38.2	26.9	40.3

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#21

Naphthalene-d8

Concen: 20.000 ng

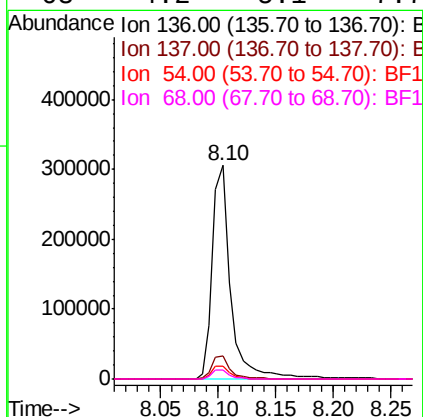
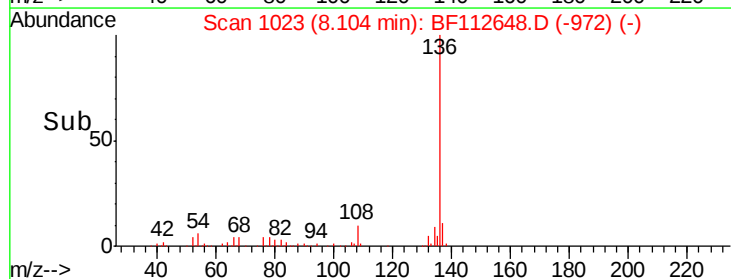
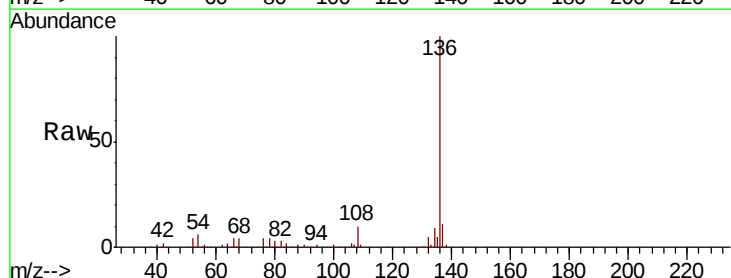
RT: 8.10 min Scan# 1023

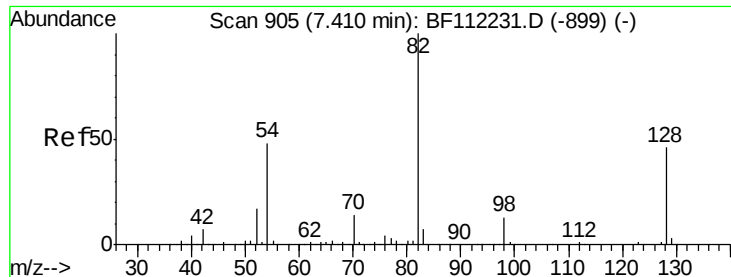
Delta R.T. 0.00 min

Lab File: BF112648.D

Acq: 21 Feb 2019 13:14

Tgt Ion:	136	Resp:	340335
Ion Ratio	Lower	Upper	
136	100		
137	10.6	9.1	13.7
54	5.9	5.9	8.9#
68	4.2	5.1	7.7#





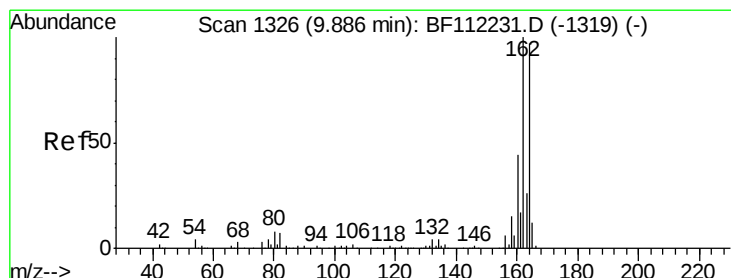
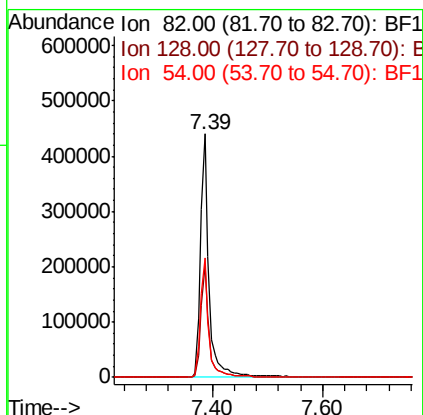
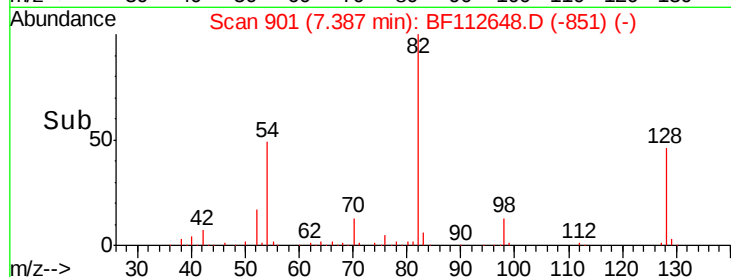
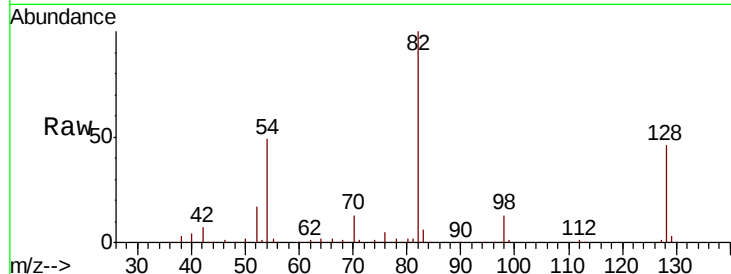
#23
Nitrobenzene-d5
Concen: 80.825 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF112648.D
Acq: 21 Feb 2019 13:14

Instrument :
BNA_F
ClientSampled :
RBR-200034

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.0	37.8	56.8
54	49.3	39.7	59.5

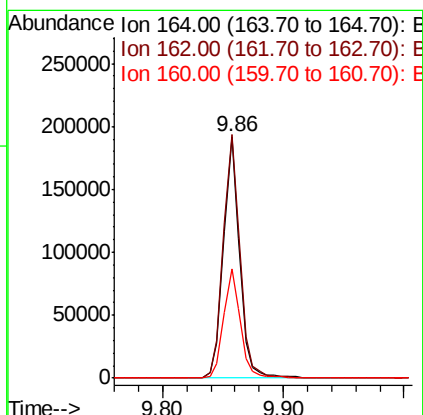
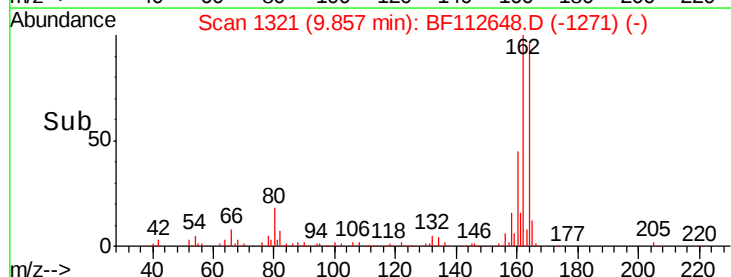
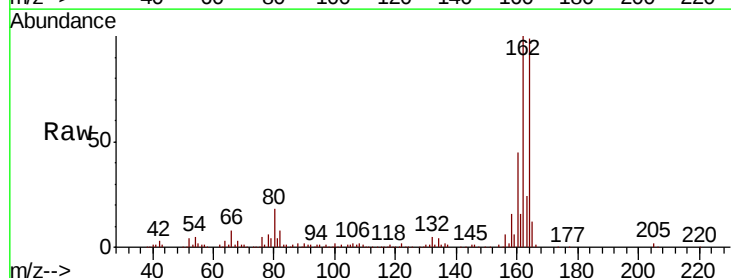
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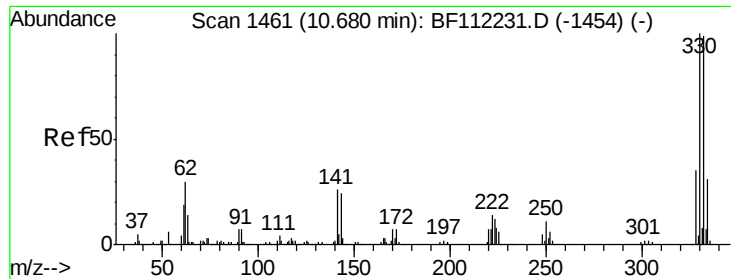
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF112648.D
Acq: 21 Feb 2019 13:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.8	82.2	123.4
160	45.0	36.2	54.4





#42

2,4,6-Tribromophenol

Concen: 130.026 ng

RT: 10.66 min Scan# 1457

Delta R.T. -0.01 min

Lab File: BF112648.D

Acq: 21 Feb 2019 13:14

Instrument :

BNA_F

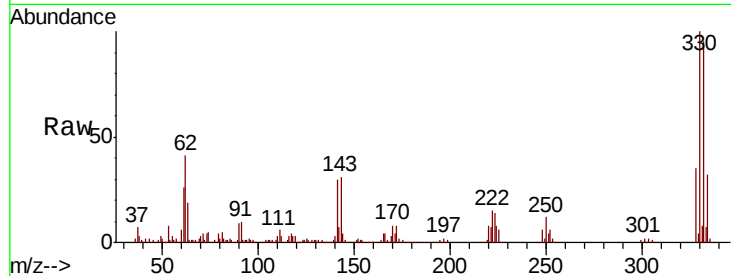
ClientSampleId :

RBR-200034

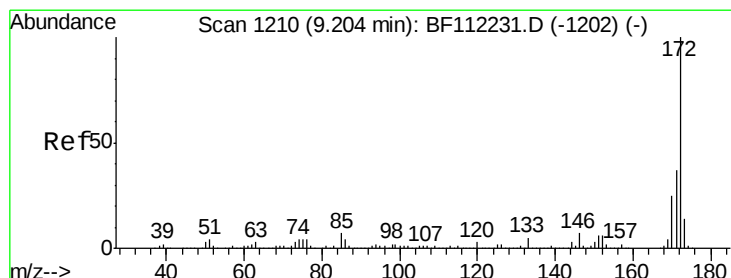
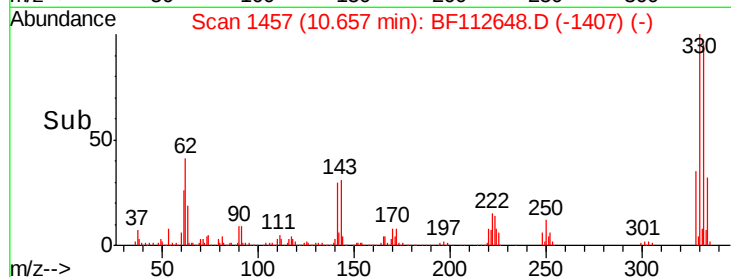
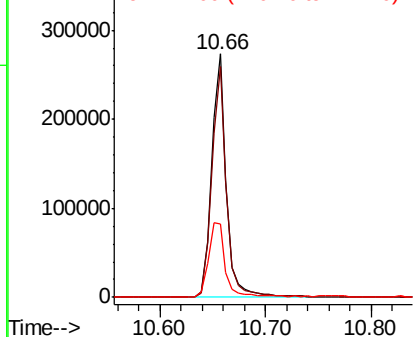
Tot Ion:	330	Resp:	269549
Ion Ratio	Lower	Upper	
330	100		
332	95.3	76.6	114.8
141	34.0	24.3	36.5

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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: 75.881 ng

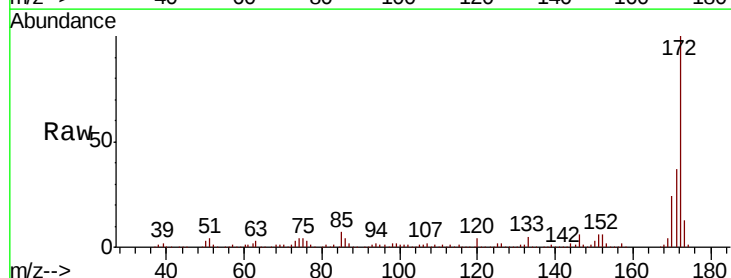
RT: 9.17 min Scan# 1205

Delta R.T. -0.01 min

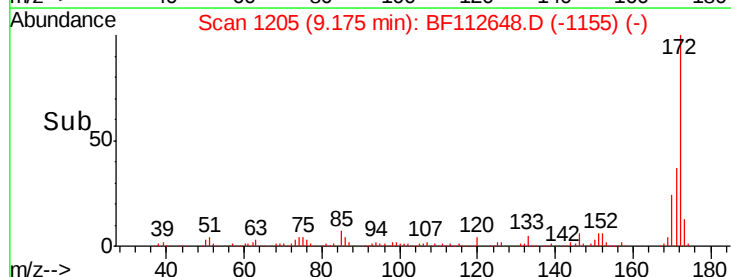
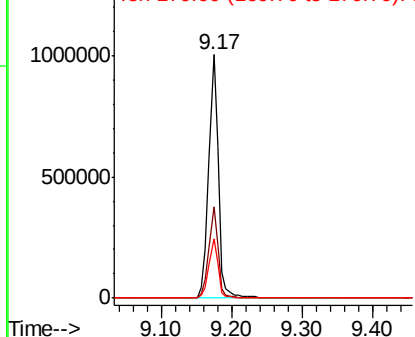
Lab File: BF112648.D

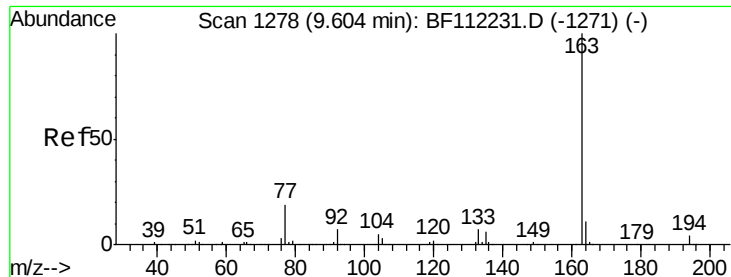
Acq: 21 Feb 2019 13:14

Tgt Ion:	172	Resp:	955541
Ion Ratio	Lower	Upper	
172	100		
171	37.5	30.5	45.7
170	24.2	20.2	30.4



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





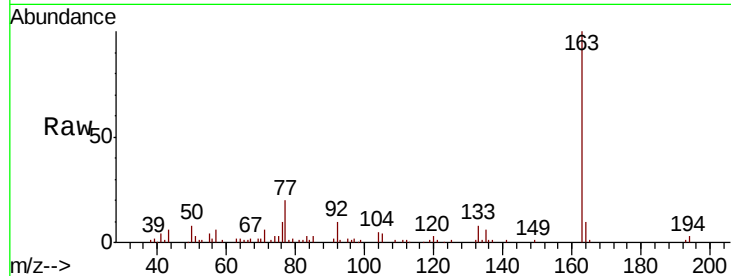
#50
Dimethylphthalate
Concen: 5.054 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.02 min
Lab File: BF112648.D
Acq: 21 Feb 2019 13:14

Instrument :
BNA_F
ClientSampleId :
RBR-200034

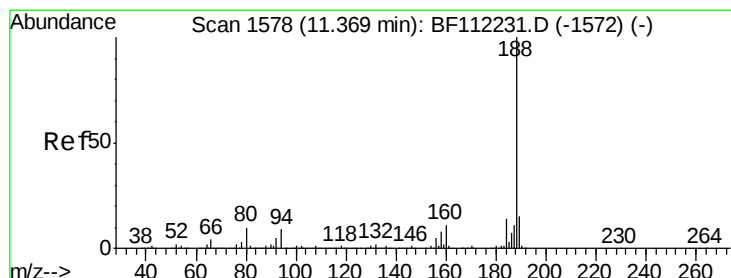
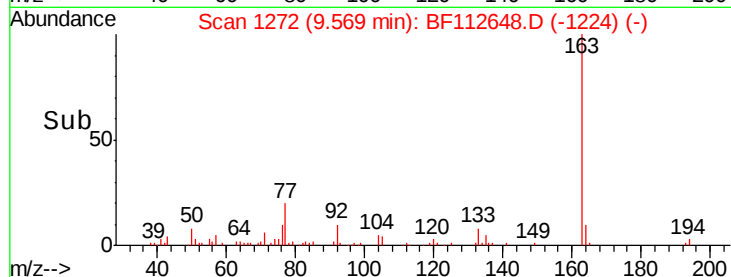
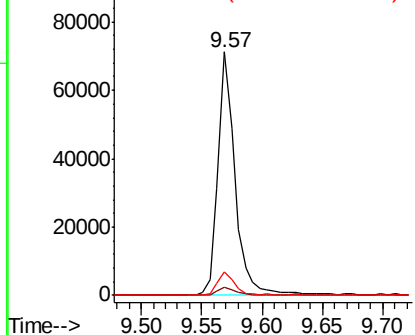
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.3	4.9
164	9.6	8.5	12.7

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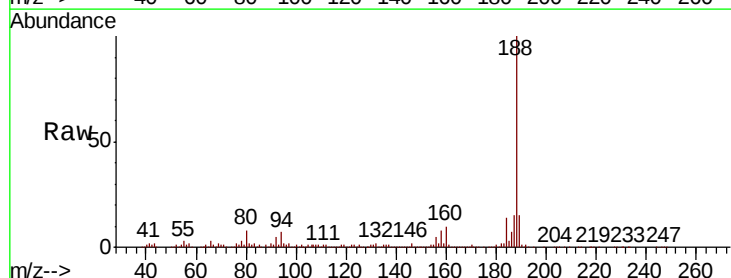


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

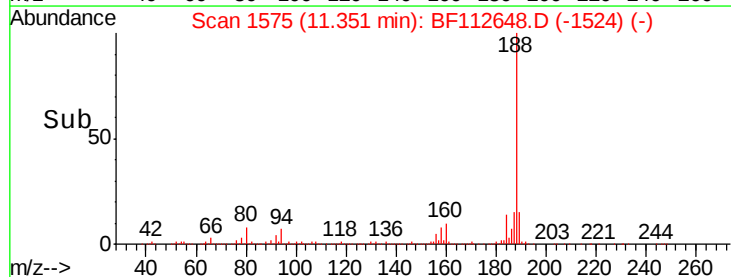
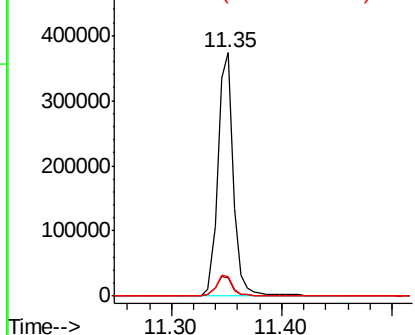


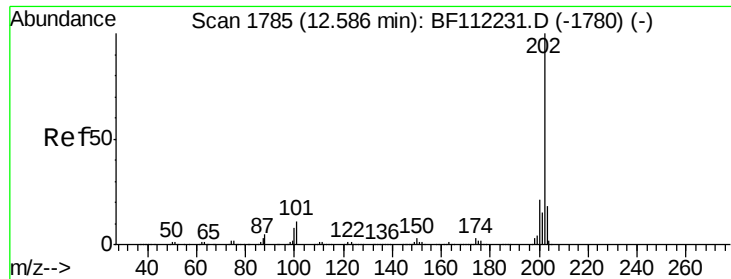
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BF112648.D
Acq: 21 Feb 2019 13:14

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.5	8.2	12.2#
80	8.2	8.9	13.3#



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: 3.888 ng

RT: 12.57 min Scan# 1782

Delta R.T. 0.00 min

Lab File: BF112648.D

Acq: 21 Feb 2019 13:14

Instrument :

BNA_F

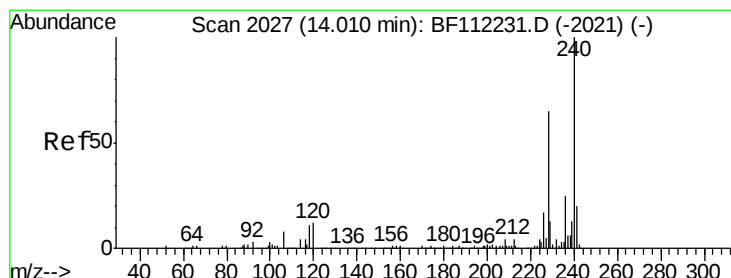
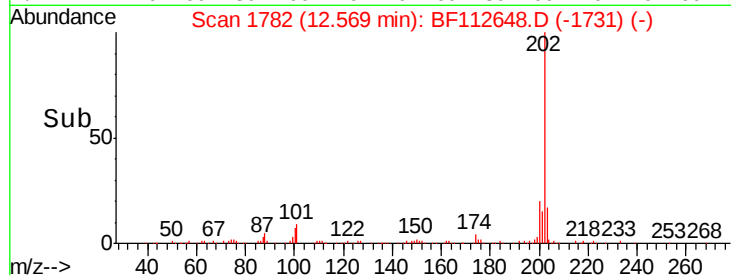
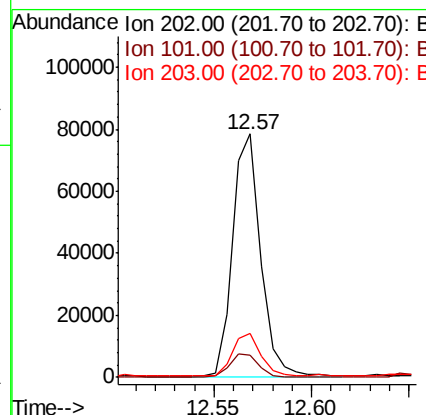
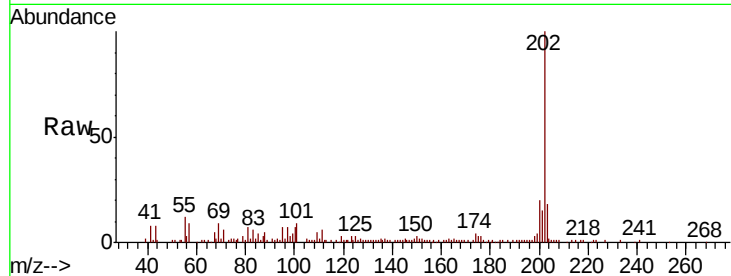
ClientSampled :

RBR-200034

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		78778		
101	8.9	0.0	31.8		
203	18.0	0.0	38.4		

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#76

Chrysene-d12

Concen: 20.000 ng

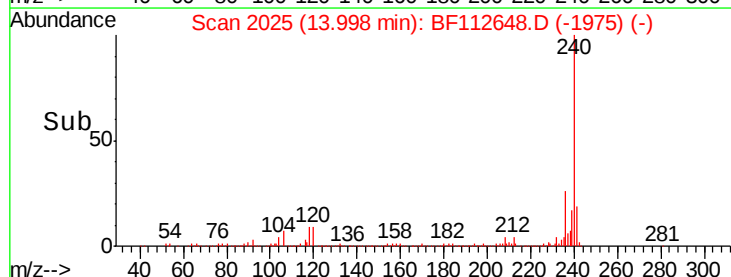
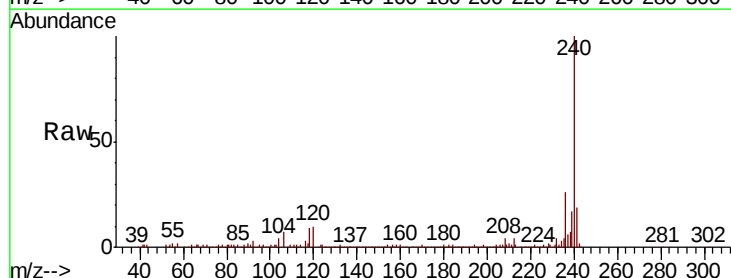
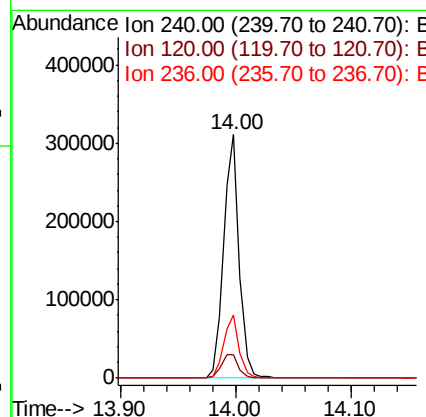
RT: 14.00 min Scan# 2025

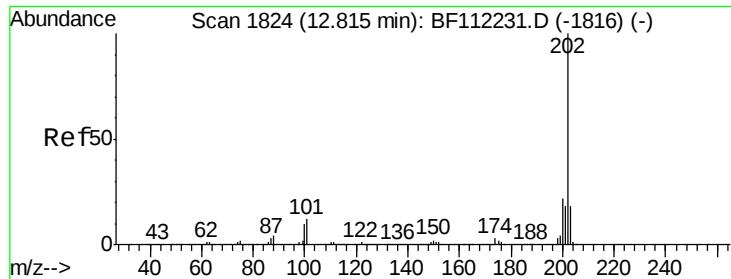
Delta R.T. -0.01 min

Lab File: BF112648.D

Acq: 21 Feb 2019 13:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		287053		
120	9.6	9.0	13.6		
236	25.7	20.7	31.1		





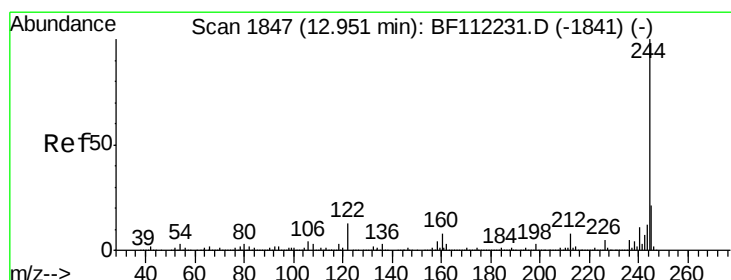
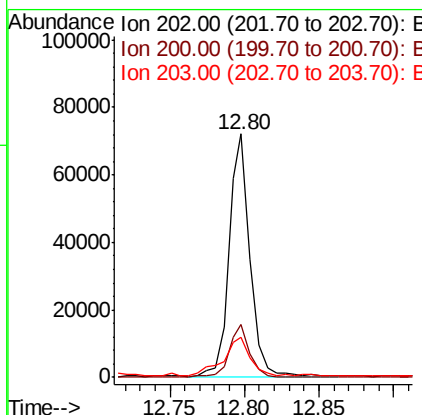
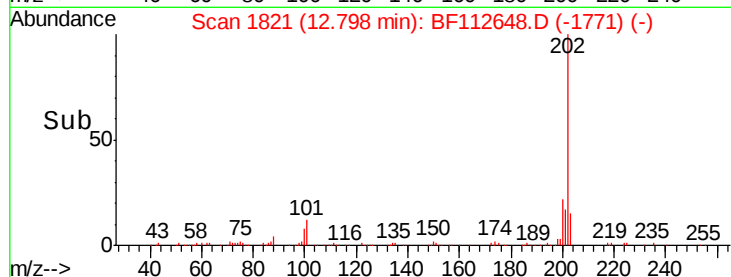
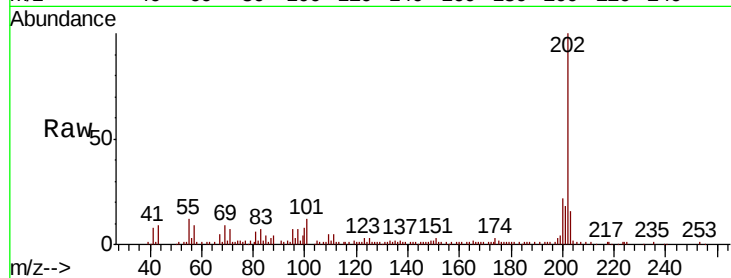
#78
Pvrene
Concen: 3.636 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF112648.D
Acq: 21 Feb 2019 13:14

Instrument :
BNA_F
ClientSampleId :
RBR-200034

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.7	26.5
203	16.3	14.6	22.0

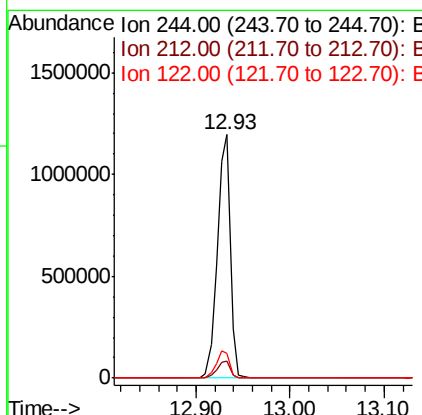
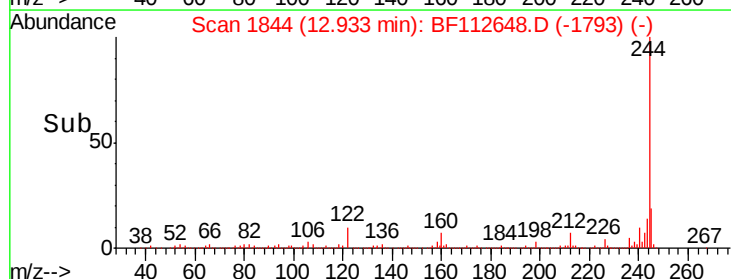
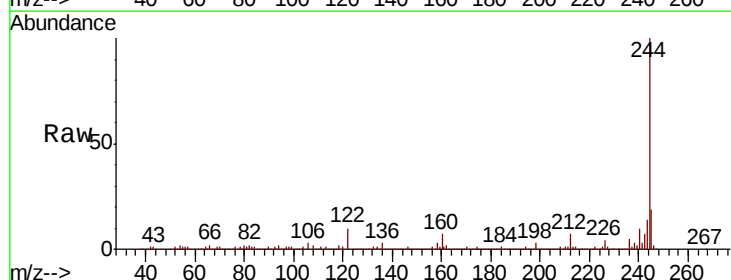
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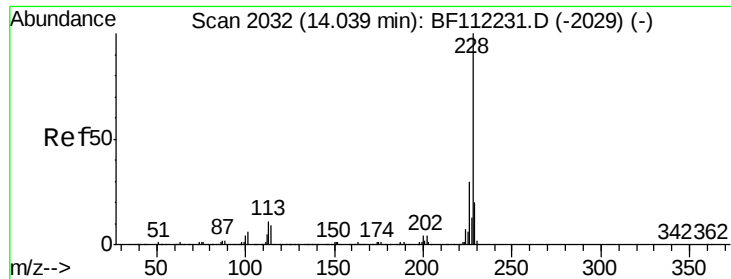
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#79
Terphenyl-d14
Concen: 75.937 ng
RT: 12.93 min Scan# 1844
Delta R.T. 0.00 min
Lab File: BF112648.D
Acq: 21 Feb 2019 13:14

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.9	8.9
122	10.0	9.8	14.6





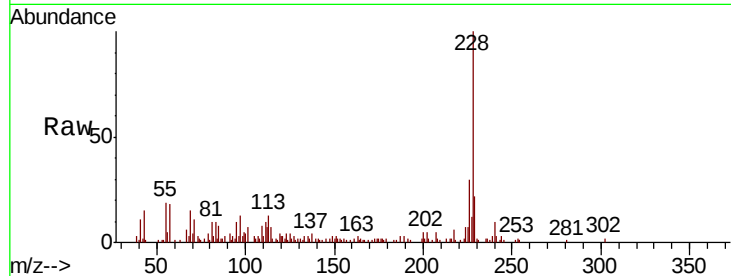
#83
Chrysene
Concen: 2.189 ng/ml
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF112648.D
Acq: 21 Feb 2019 13:14

Instrument :
BNA_F
ClientSampleId :
RBR-200034

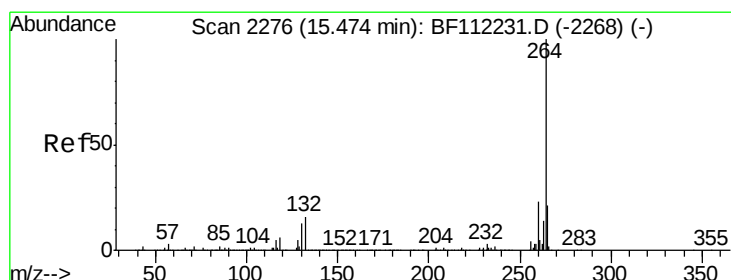
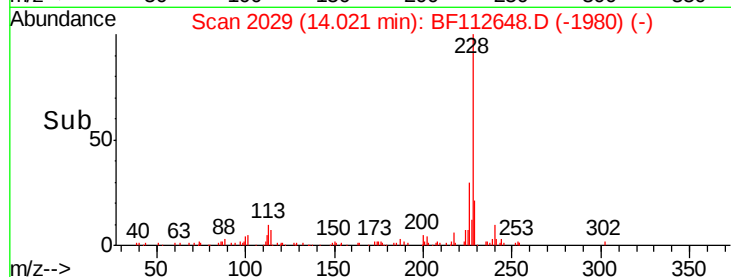
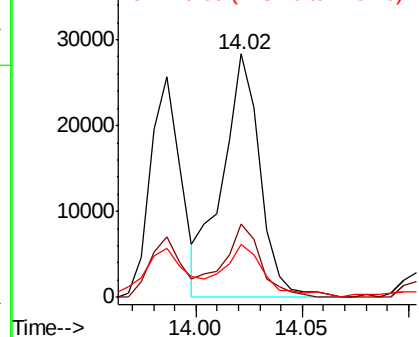
Tot Ion:	228	Resp:	35258
Ion Ratio	Lower	Upper	
228	100		
226	30.2	25.0	37.6
229	22.0	16.6	24.8

Manual Integrations
APPROVED

Sohil
2/21/2019 3:59:49 PM

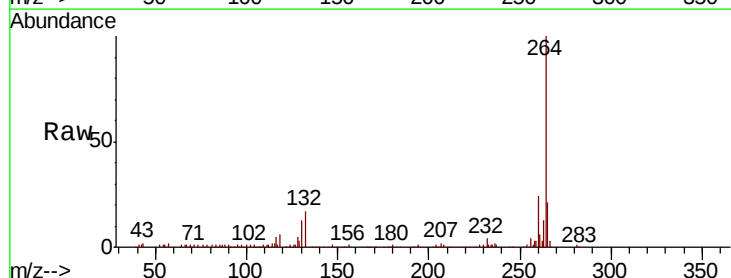


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

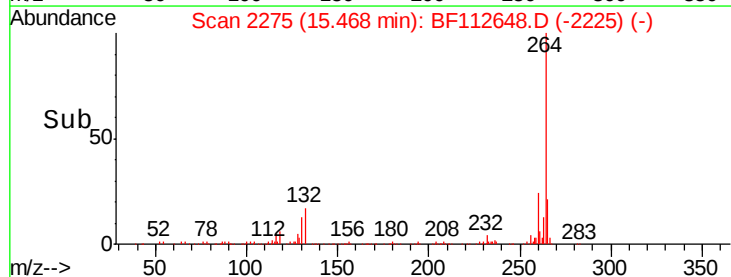
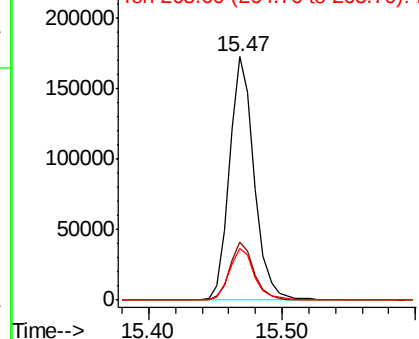


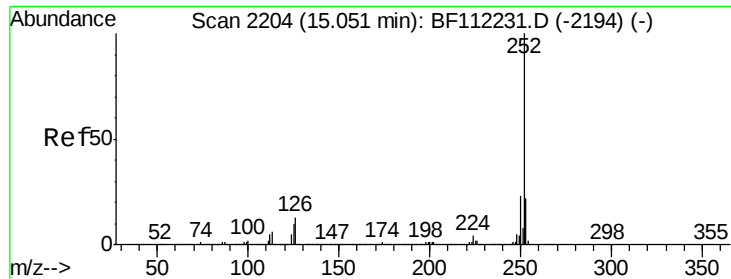
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF112648.D
Acq: 21 Feb 2019 13:14

Tgt Ion:	264	Resp:	225074
Ion Ratio	Lower	Upper	
264	100		
260	24.0	18.2	27.2
265	21.5	17.0	25.4



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: 2.830 ng/mL

RT: 15.04 min Scan# 2203

Delta R.T. 0.00 min

Lab File: BF112648.D

Acq: 21 Feb 2019 13:14

Instrument :

BNA_F

ClientSampleId :

RBR-200034

Tot Ion:	252	Resp:	38094
Ion Ratio	Lower	Upper	
252	100		
253	26.5	18.0	27.0
125	12.6	8.7	13.1

Manual Integrations
APPROVED

Sohil
2/21/2019 3:59:49 PM

