

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060319\
 Data File : BM020692.D
 Acq On : 04 Jun 2019 06:30
 Operator : HP/JU
 Sample : K3117-01RE
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 IRONBOUND-BRICKRE

Manual Integrations
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mohammad
 6/5/2019 8:46:18 AM

Quant Time: Jun 04 07:46:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM053119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 31 15:48:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	97863	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	376512	20.00	ng	-0.01
39) Acenaphthene-d10	14.46	164	202117	20.00	ng	-0.01
64) Phenanthrene-d10	17.20	188	421690	20.00	ng	-0.01
76) Chrysene-d12	21.38	240	389112	20.00	ng	-0.02
87) Perylene-d12	23.67	264	407756	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	502571	90.34	ng	0.00
7) Phenol-d6	6.99	99	685962	83.74	ng	0.00
23) Nitrobenzene-d5	8.98	82	413395	56.89	ng	-0.02
42) 2,4,6-Tribromophenol	15.94	330	231077	92.28	ng	-0.02
45) 2-Fluorobiphenyl	13.08	172	893748	58.79	ng	-0.01
79) Terphenyl-d14	19.83	244	1211862	52.09	ng	-0.02
Target Compounds						
50) Dimethylphthalate	13.92	163	292761	16.954	ng	99
56) 4-Nitrophenol	14.67	139	32401	11.235	ng	93
59) 2,3,4,6-Tetrachlorophenol	15.08	232	134954	35.186	ng	# 98
70) Pentachlorophenol	16.86	266	2471902	893.726	ng	98
71) Phenanthrene	17.24	178	87200	3.648	ng	96
75) Fluoranthene	19.26	202	88849	3.342	ng	86
80) Butylbenzylphthalate	20.53	149	116245m	9.212	ng	
84) Bis(2-ethylhexyl)phthalate	21.30	149	365245	19.915	ng	97

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

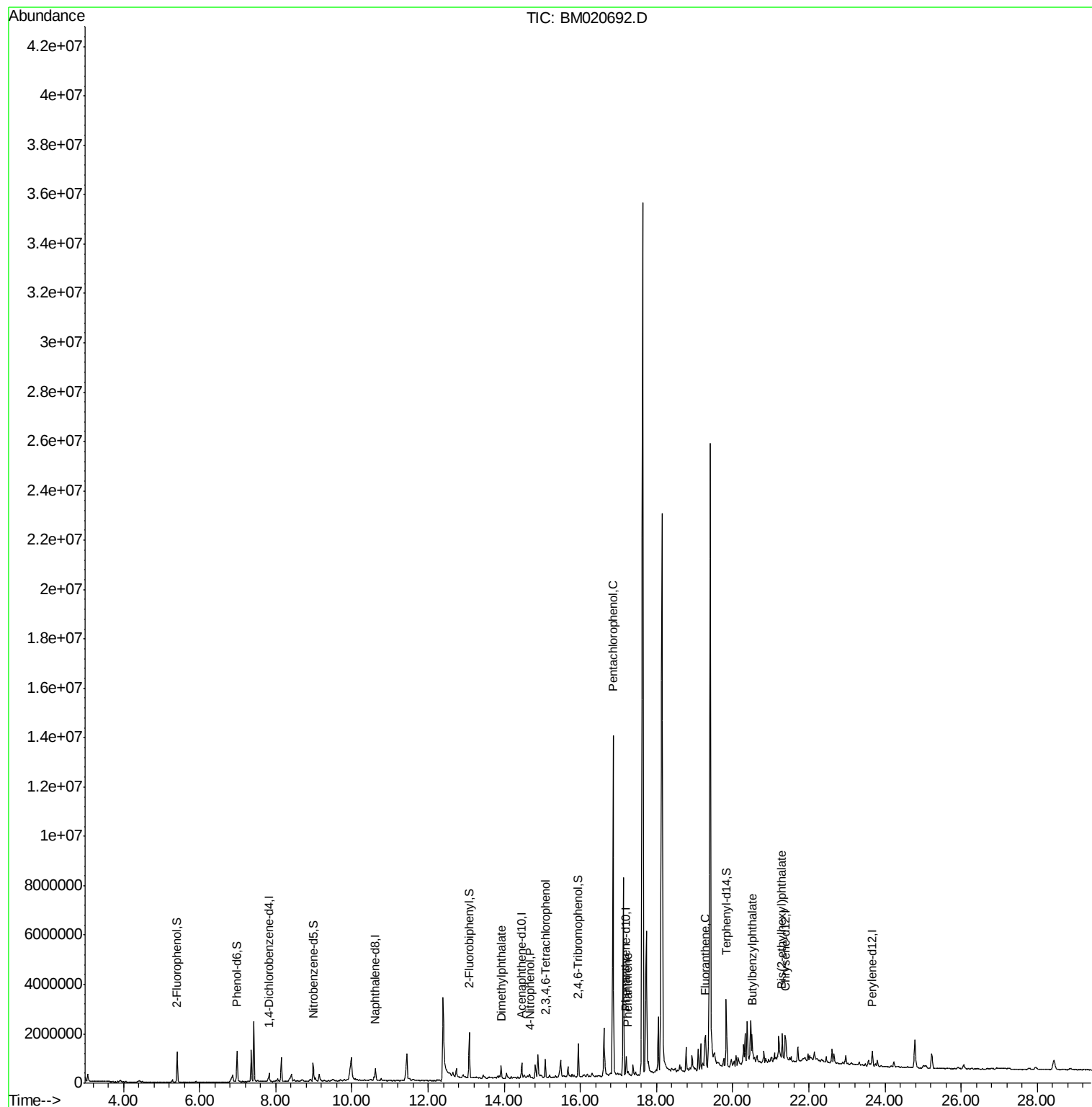
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060319\
Data File : BM020692.D
Acq On : 04 Jun 2019 06:30
Operator : HP/JU
Sample : K3117-01RE
Misc :
ALS Vial : 20 Sample Multiplier: 1

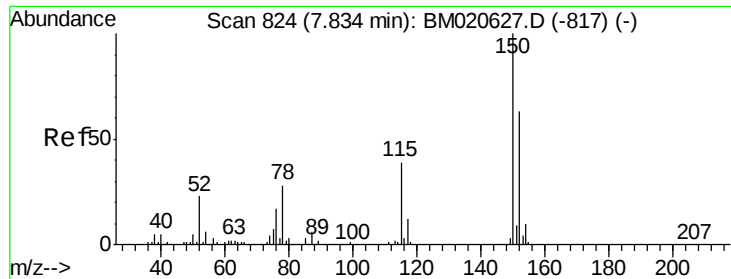
Instrument :
BNA_M
ClientSampleId :
IRONBOUND-BRICKRE

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

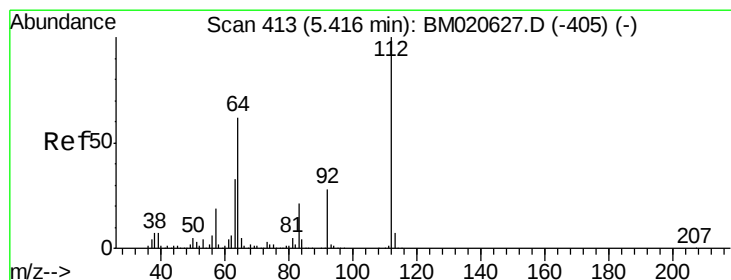
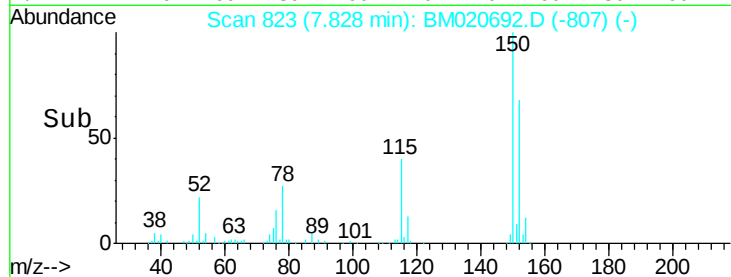
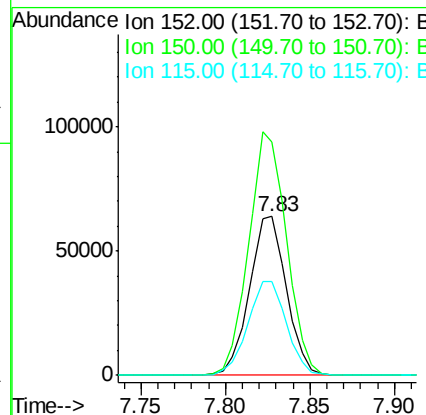
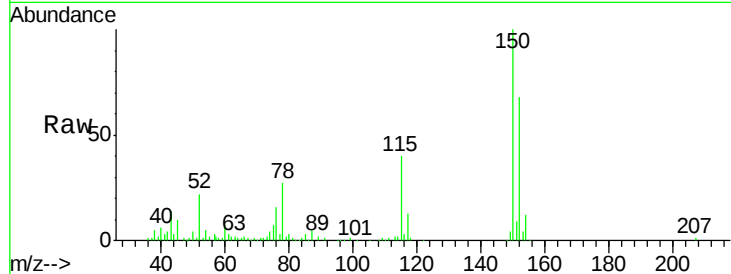
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 823
Delta R.T. -0.01 min
Lab File: BM020692.D
Acq: 04 Jun 2019 06:30

Instrument :
BNA_M
ClientSampleId :
IRONBOUND-BRICKRE

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.8	126.0	189.0
115	59.0	49.6	74.4

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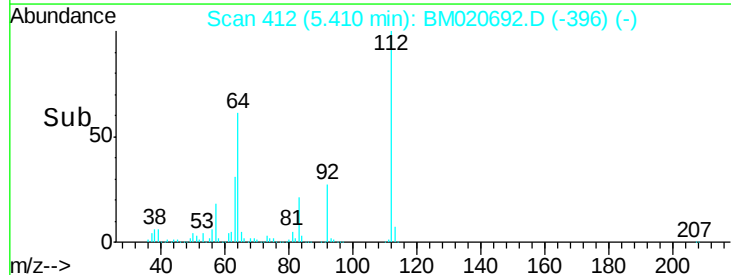
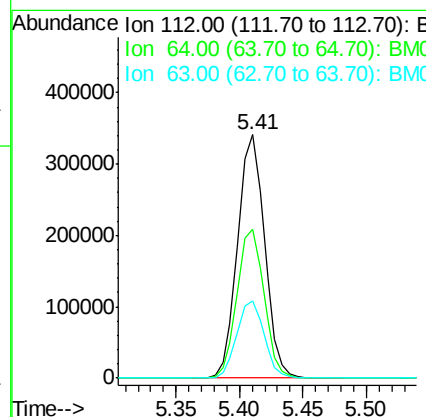
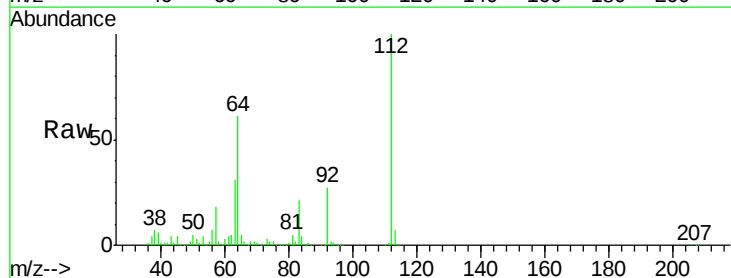
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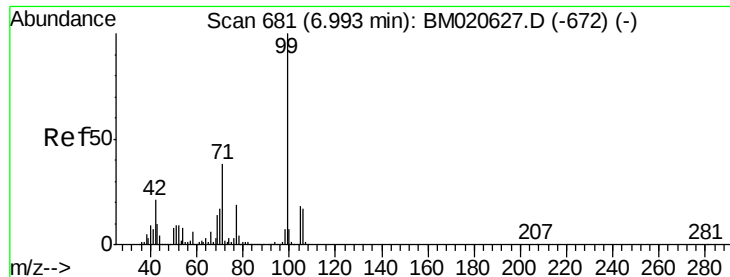


#5

2-Fluorophenol
Concen: 90.336 ng
RT: 5.41 min Scan# 412
Delta R.T. -0.01 min
Lab File: BM020692.D
Acq: 04 Jun 2019 06:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.0	49.7	74.5
63	31.5	26.4	39.6





#7

Phenol-d6

Concen: 83.737 ng

RT: 6.99 min Scan# 680

Delta R.T. -0.01 min

Lab File: BM020692.D

Acq: 04 Jun 2019 06:30

Instrument :

BNA_M

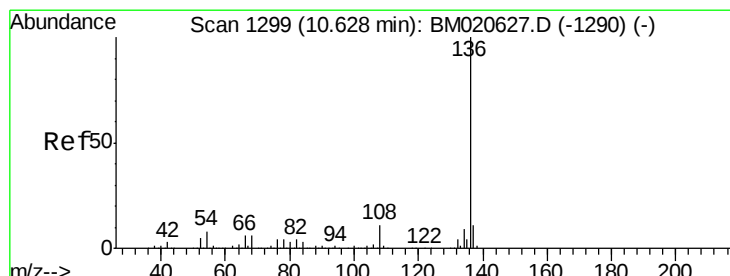
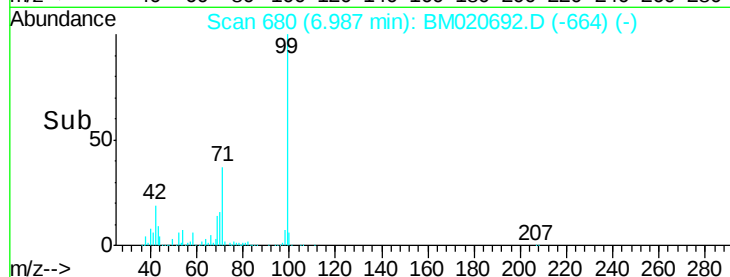
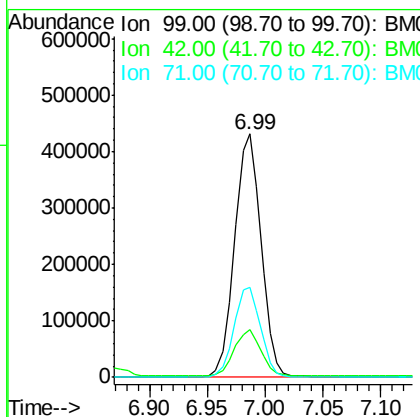
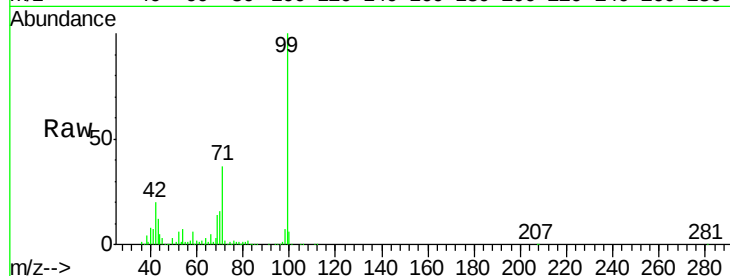
ClientSampleId :

IRONBOUND-BRICKRE

Tot Ion:	99	Resp:	685962
Ion	Ratio	Lower	Upper
99	100		
42	19.8	16.5	24.7
71	37.0	30.7	46.1

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#21

Naphthalene-d8

Concen: 20.000 ng

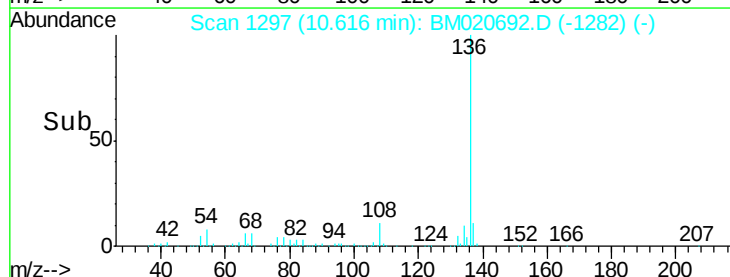
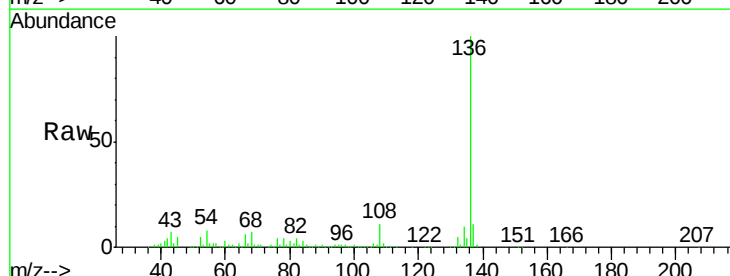
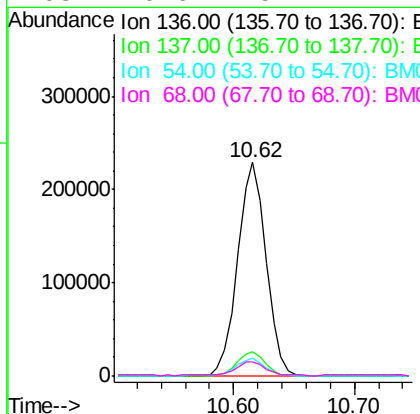
RT: 10.62 min Scan# 1297

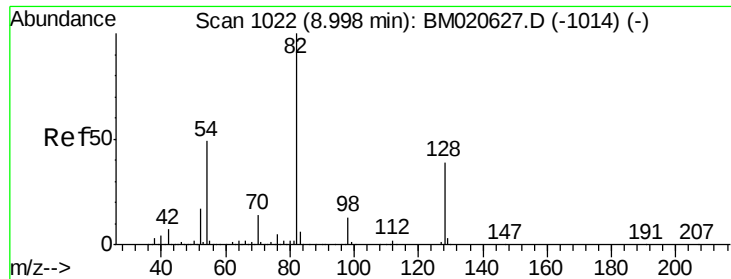
Delta R.T. -0.01 min

Lab File: BM020692.D

Acq: 04 Jun 2019 06:30

Tgt Ion:	136	Resp:	376512
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	8.5	6.6	10.0
68	6.6	5.1	7.7





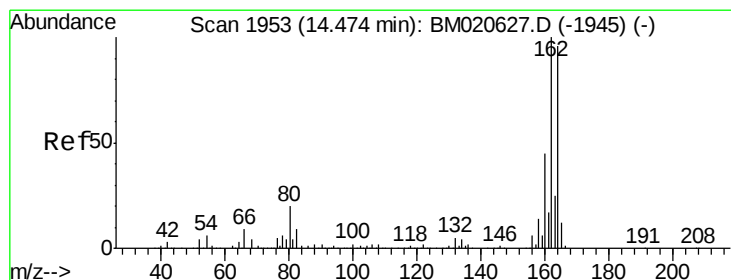
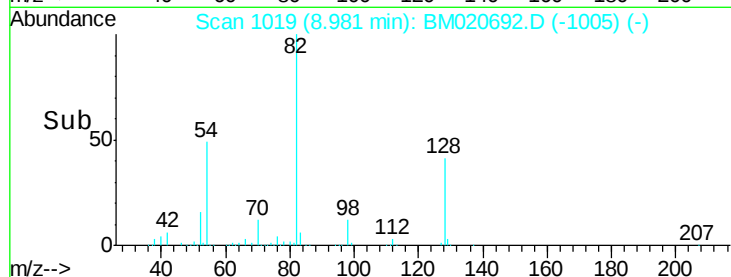
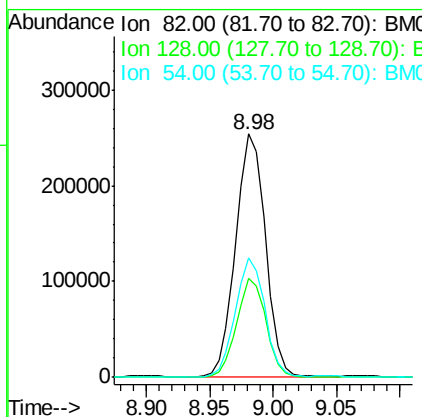
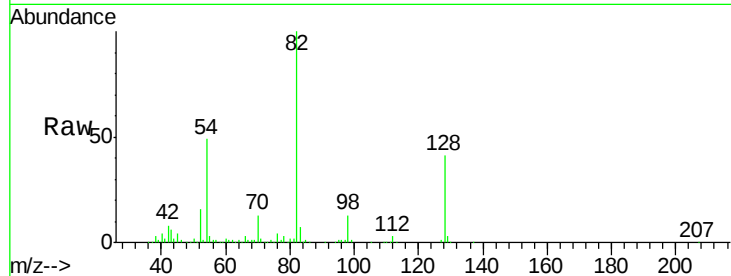
#23
Nitrobenzene-d5
Concen: 56.887 ng
RT: 8.98 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BM020692.D
Acq: 04 Jun 2019 06:30

Instrument :
BNA_M
ClientSampleId :
IRONBOUND-BRICKRE

Tot Ion	Ratio	Resp	Lower	Upper
82	100	413395		
128	40.6		31.5	47.3
54	48.8		39.4	59.0

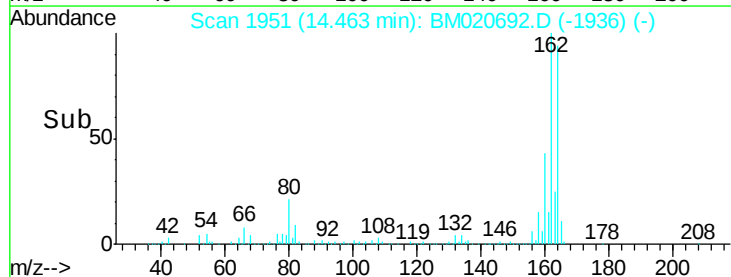
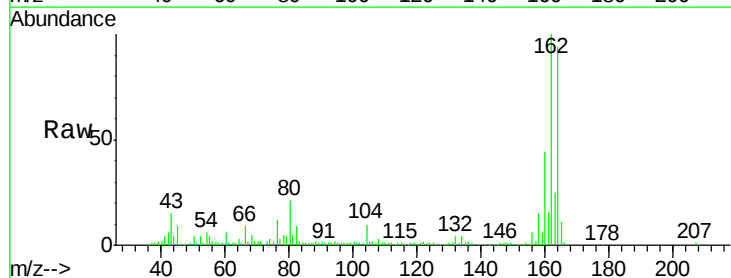
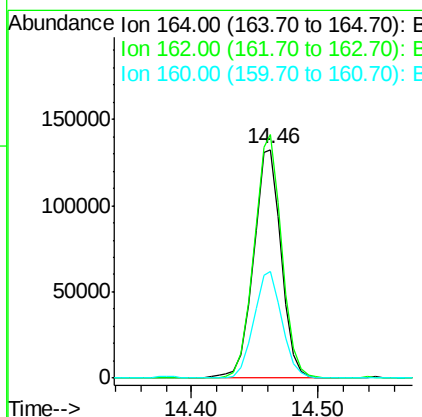
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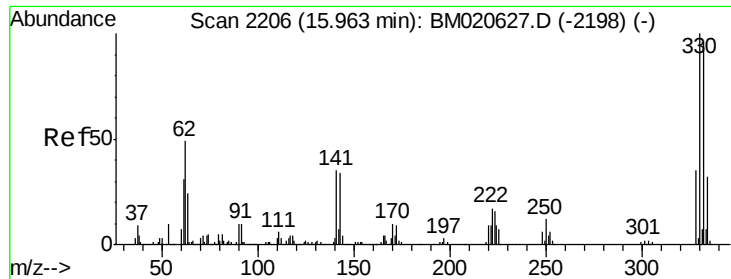
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BM020692.D
Acq: 04 Jun 2019 06:30

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	202117		
162	106.4		83.2	124.8
160	46.6		37.5	56.3





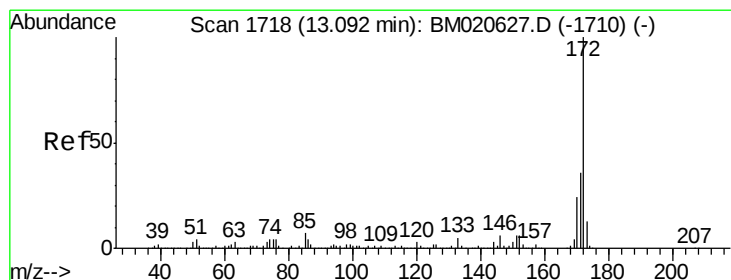
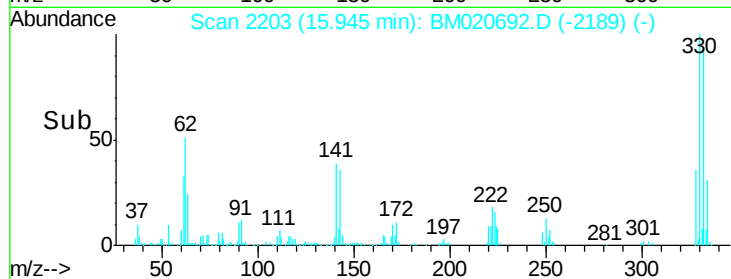
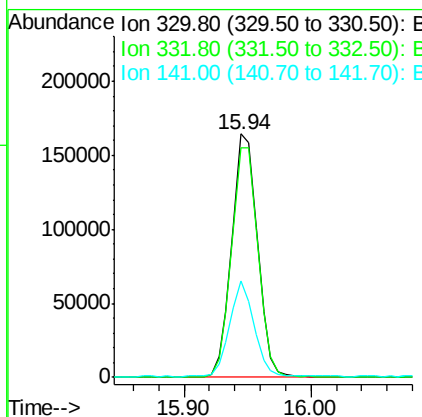
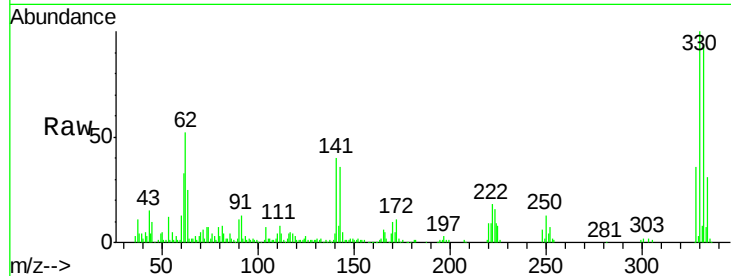
#42
 2,4,6-Tribromophenol
 Concen: 92.275 ng
 RT: 15.94 min Scan# 2203
 Delta R.T. -0.02 min
 Lab File: BM020692.D
 Acq: 04 Jun 2019 06:30

Instrument :
 BNA_M
 ClientSampleId :
 IRONBOUND-BRICKRE

Tot Ion	Ratio	Resp	Lower	Upper
330	100	231077		
332	96.8	77.4	116.0	
141	37.0	30.4	45.6	

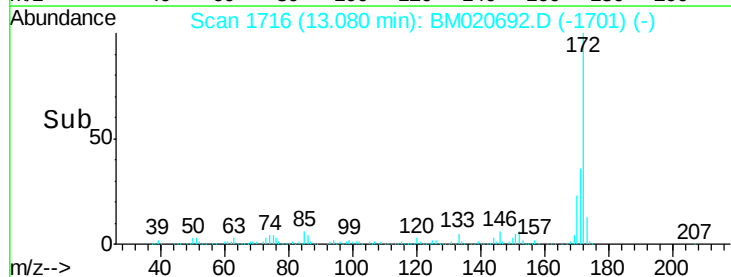
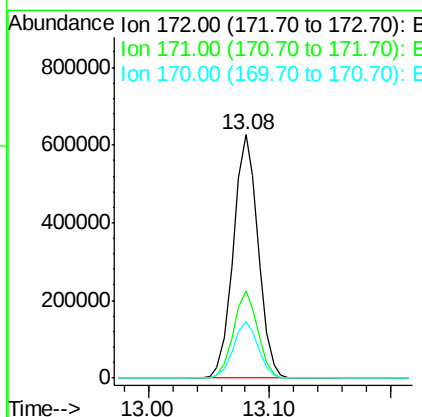
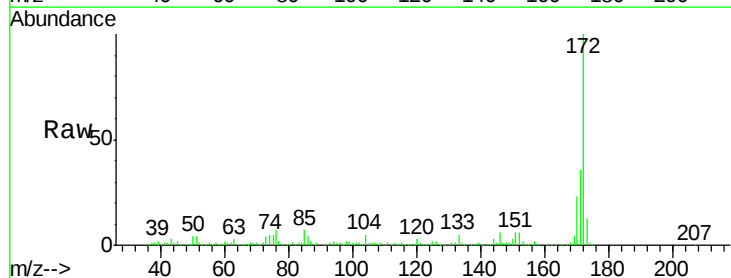
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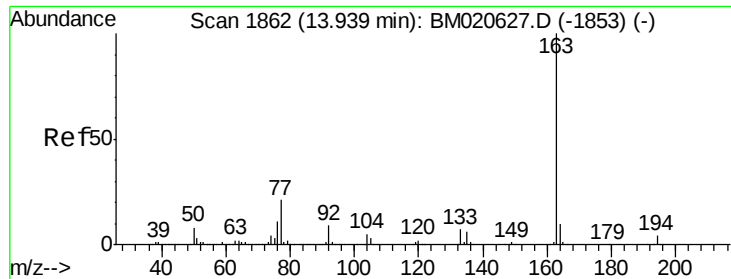
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#45
 2-Fluorobiphenyl
 Concen: 58.787 ng
 RT: 13.08 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BM020692.D
 Acq: 04 Jun 2019 06:30

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	893748		
171	36.2	28.6	43.0	
170	23.1	18.9	28.3	





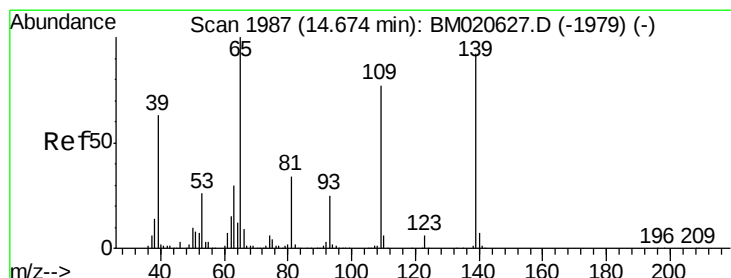
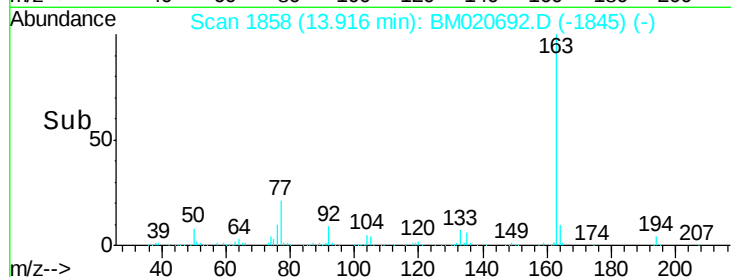
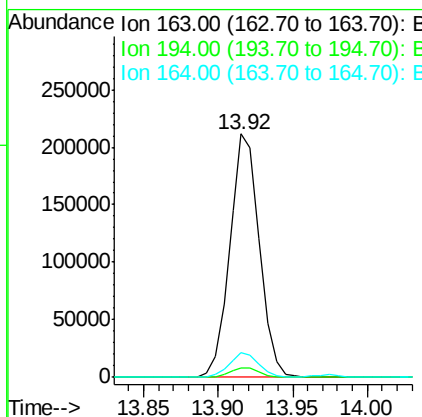
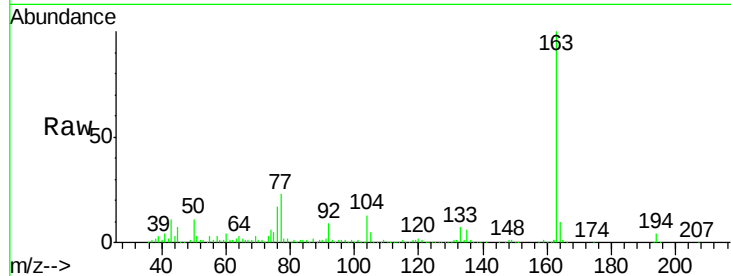
#50
Dimethylphthalate
Concen: 16.954 ng
RT: 13.92 min Scan# 1858
Delta R.T. -0.02 min
Lab File: BM020692.D
Acq: 04 Jun 2019 06:30

Instrument :
BNA_M
ClientSampleId :
IRONBOUND-BRICKRE

Tot Ion	Ratio	Resp	Lower	Upper
163	100	292761		
194	4.0		3.2	4.8
164	10.4		7.9	11.9

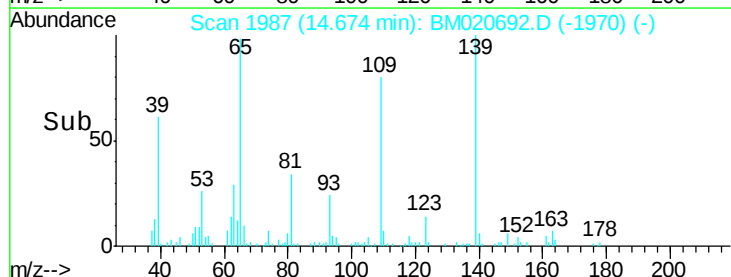
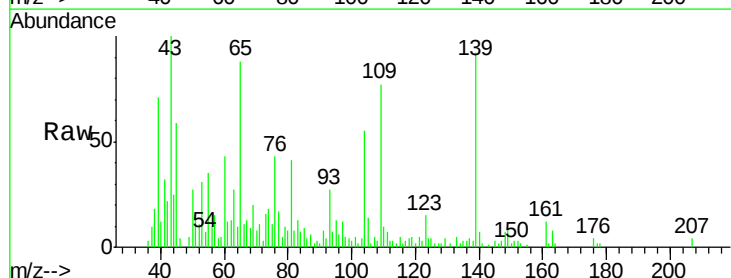
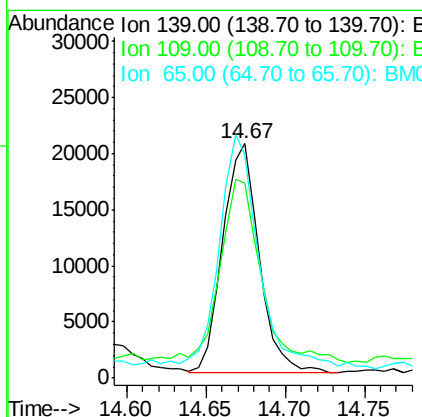
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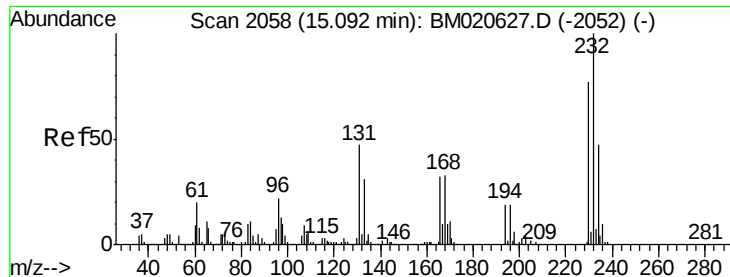
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#56
4-Nitrophenol
Concen: 11.235 ng
RT: 14.67 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BM020692.D
Acq: 04 Jun 2019 06:30

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	32401		
109	83.1		62.7	102.7
65	95.0		88.3	128.3





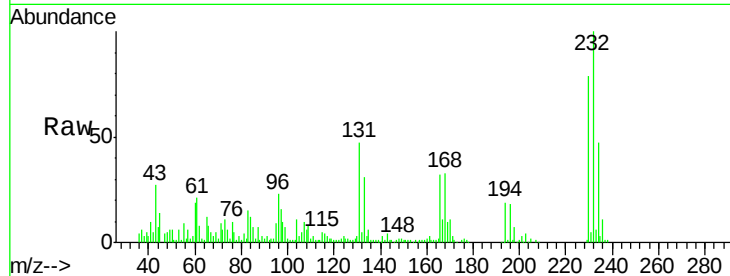
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 35.186 ng
 RT: 15.08 min Scan# 2056
 Delta R.T. -0.01 min
 Lab File: BM020692.D
 Acq: 04 Jun 2019 06:30

Instrument :
 BNA_M
 ClientSampleId :
 IRONBOUND-BRICKRE

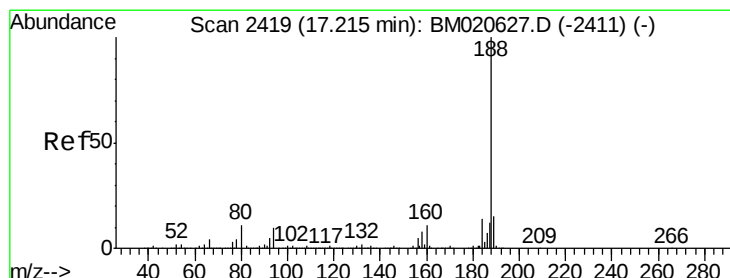
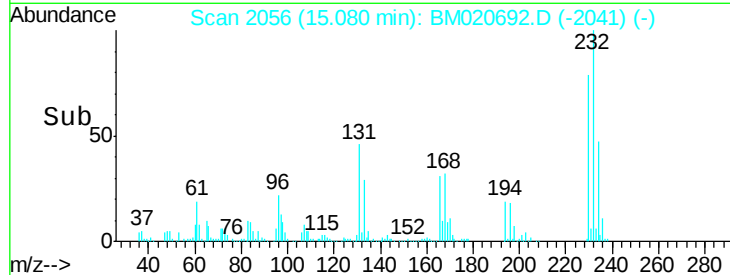
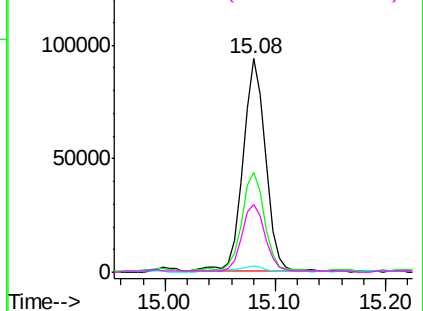
Tot Ion	Ratio	Resp	Lower	Upper
232	100	134954		
131	46.8	38.6	57.8	
130	4.3	2.2	3.2	
166	32.4	26.6	39.8	

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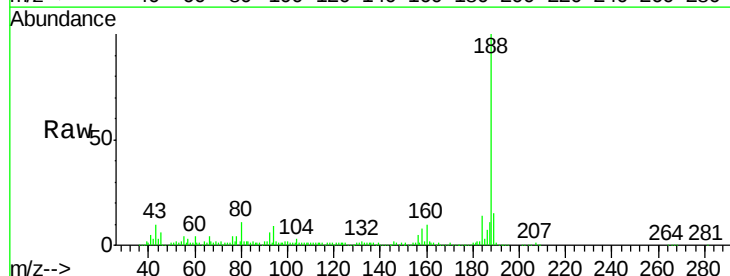


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

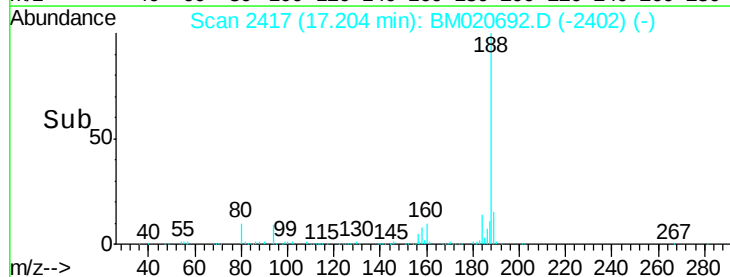
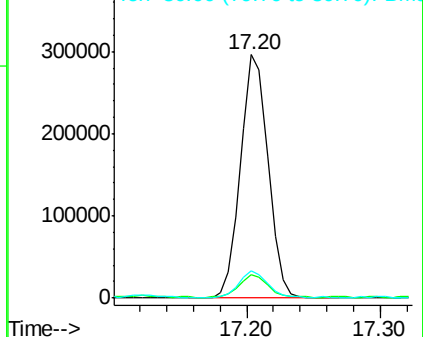


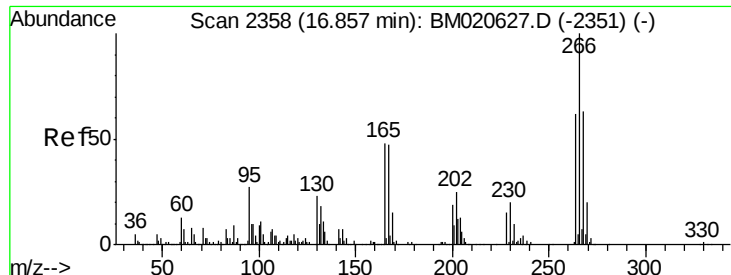
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.20 min Scan# 2417
 Delta R.T. -0.01 min
 Lab File: BM020692.D
 Acq: 04 Jun 2019 06:30

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	421690		
94	9.4	7.8	11.8	
80	11.3	9.0	13.6	



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BM0
 Ion 80.00 (79.70 to 80.70): BM0





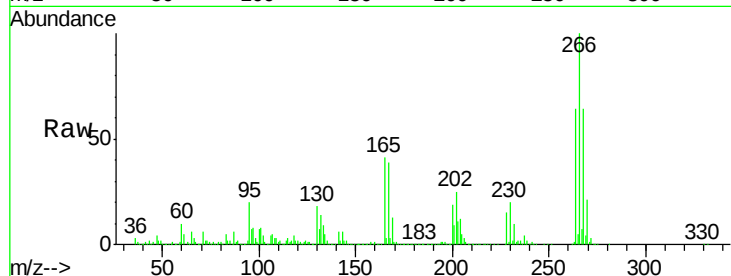
#70
 Pentachlorophenol
 Concen: 893.726 ng
 RT: 16.86 min Scan# 2358
 Delta R.T. -0.00 min
 Lab File: BM020692.D
 Acq: 04 Jun 2019 06:30

Instrument :
 BNA_M
 ClientSampleId :
 IRONBOUND-BRICKRE

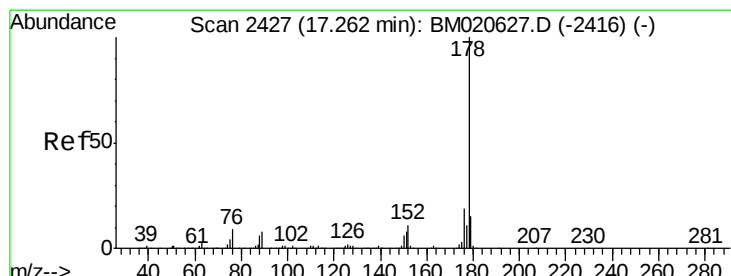
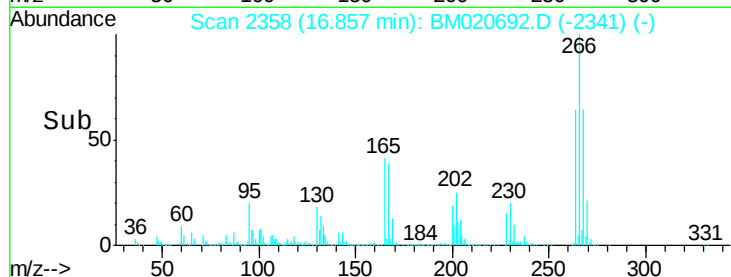
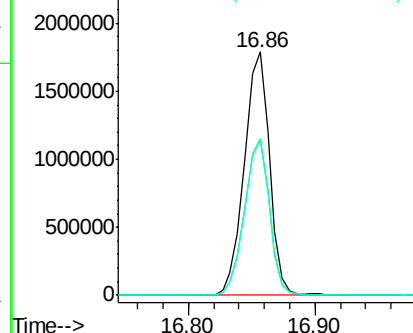
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.3	50.6	75.8
264	63.5	49.6	74.4

Manual Integrations
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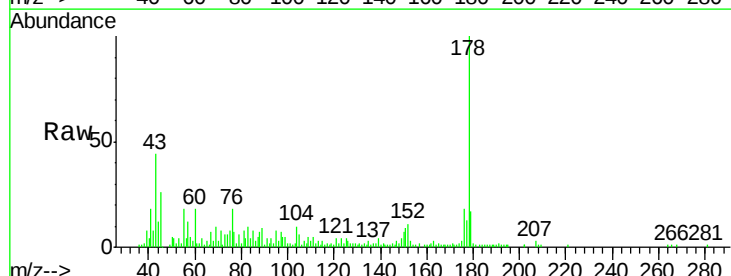


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

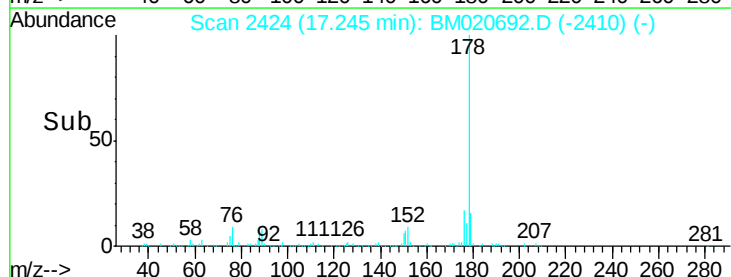
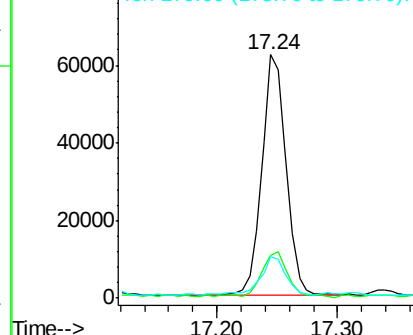


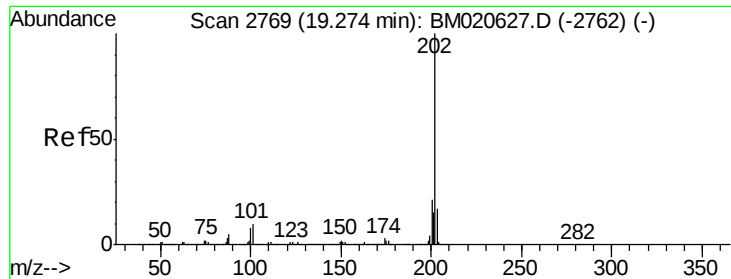
#71
 Phenanthrene
 Concen: 3.648 ng
 RT: 17.24 min Scan# 2424
 Delta R.T. -0.02 min
 Lab File: BM020692.D
 Acq: 04 Jun 2019 06:30

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.5	15.5	23.3
179	17.1	12.2	18.4



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 3.342 ng

RT: 19.26 min Scan# 2767

Delta R.T. -0.01 min

Lab File: BM020692.D

Acq: 04 Jun 2019 06:30

Instrument :

BNA_M

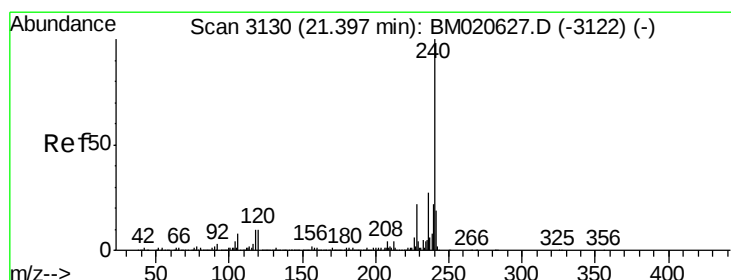
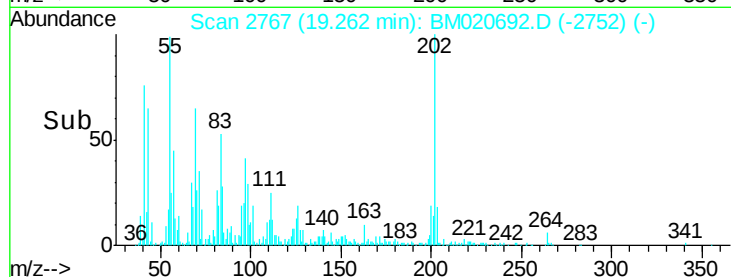
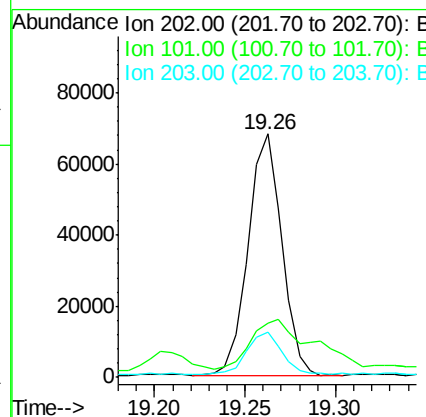
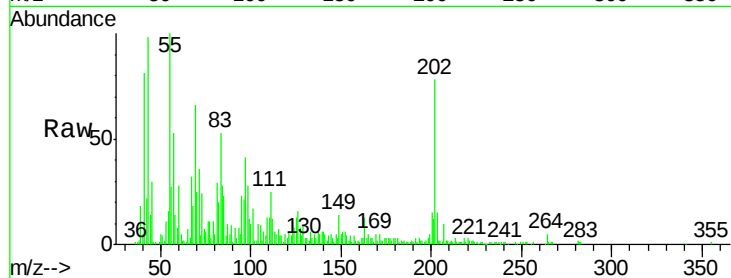
ClientSampleId :

IRONBOUND-BRICKRE

Tot Ion:	202	Resp:	88849
Ion Ratio	Lower	Upper	
202	100		
101	22.5	0.0	30.4
203	18.8	0.0	37.3

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#76

Chrysene-d12

Concen: 20.000 ng

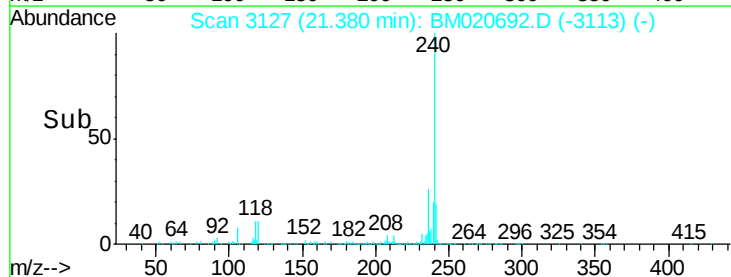
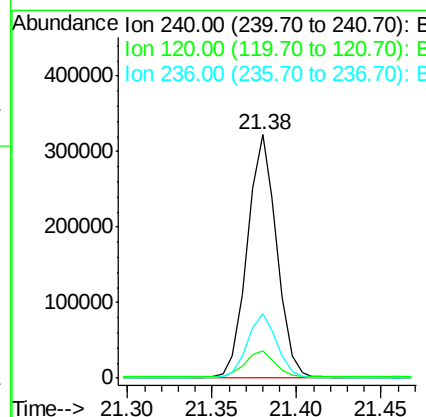
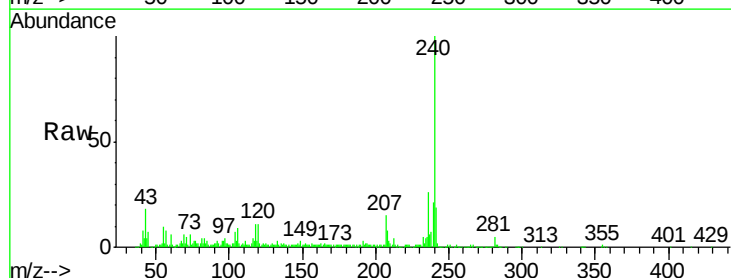
RT: 21.38 min Scan# 3127

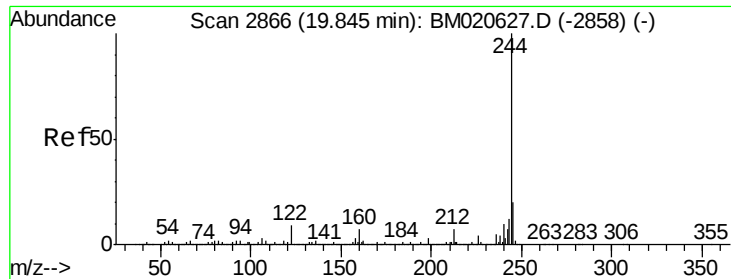
Delta R.T. -0.02 min

Lab File: BM020692.D

Acq: 04 Jun 2019 06:30

Tgt Ion:	240	Resp:	389112
Ion Ratio	Lower	Upper	
240	100		
120	11.1	8.2	12.2
236	26.4	21.2	31.8





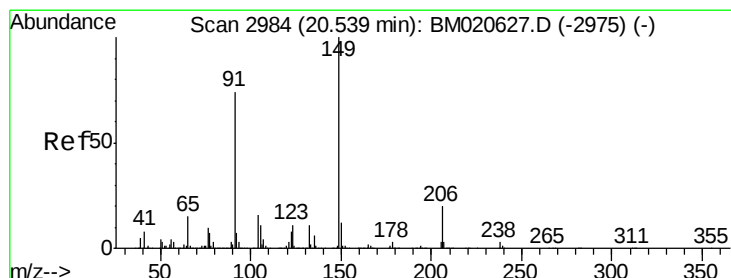
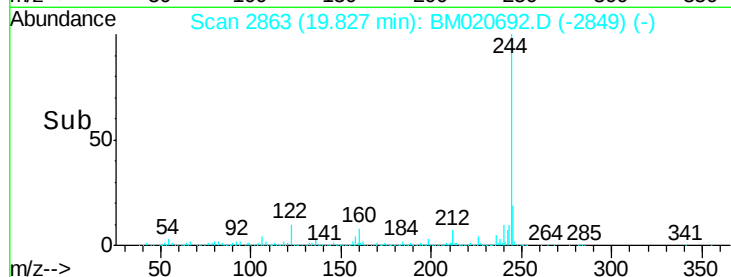
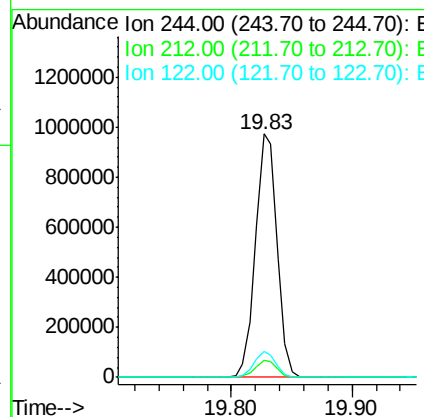
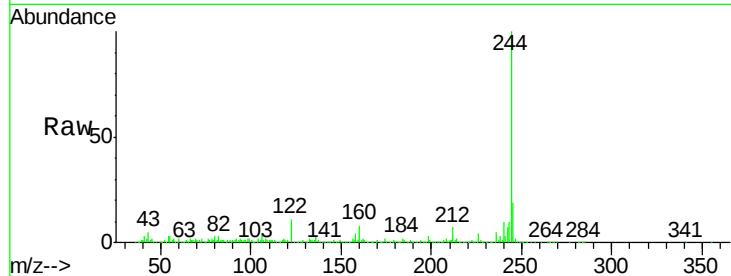
#79
 Terphenyl-d14
 Concen: 52.093 ng
 RT: 19.83 min Scan# 2863
 Delta R.T. -0.02 min
 Lab File: BM020692.D
 Acq: 04 Jun 2019 06:30

Instrument :
 BNA_M
 ClientSampleId :
 IRONBOUND-BRICKRE

Tot Ion:244 Resp: 1211862
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 10.5 7.2 10.8

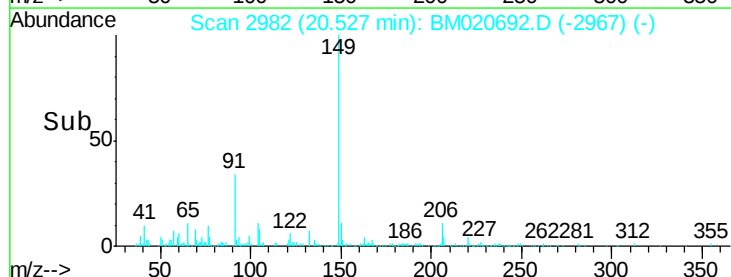
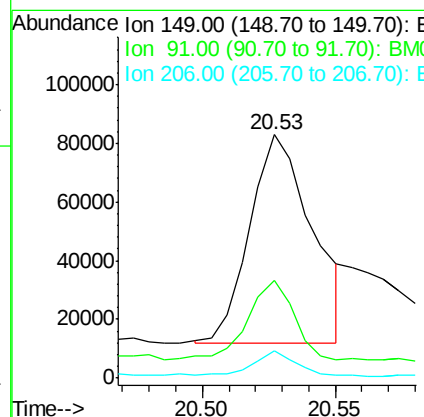
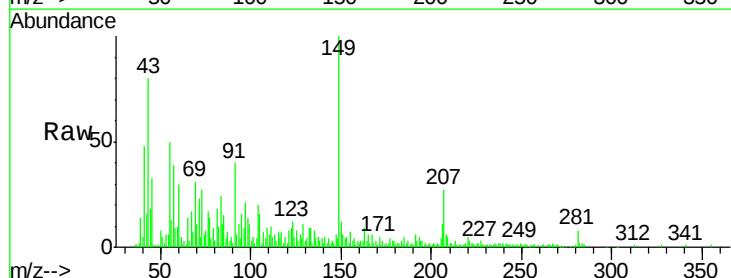
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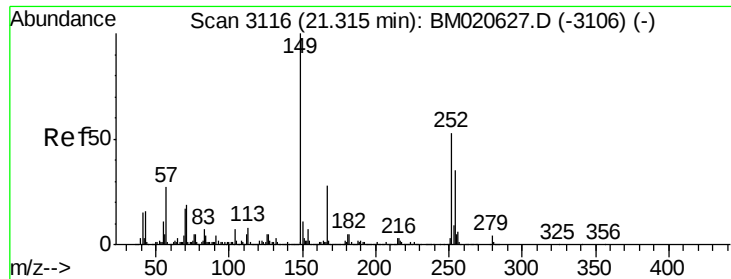
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#80
 Butylbenzylphthalate
 Concen: 9.212 ng m
 RT: 20.53 min Scan# 2982
 Delta R.T. -0.01 min
 Lab File: BM020692.D
 Acq: 04 Jun 2019 06:30

Tgt Ion:149 Resp: 116245
 Ion Ratio Lower Upper
 149 100
 91 40.1 59.6 89.4#
 206 11.1 15.7 23.5#





#84

Bis(2-ethylhexyl)phthalate

Concen: 19.915 ng

RT: 21.30 min Scan# 3113

Delta R.T. -0.02 min

Lab File: BM020692.D

Acq: 04 Jun 2019 06:30

Instrument :

BNA_M

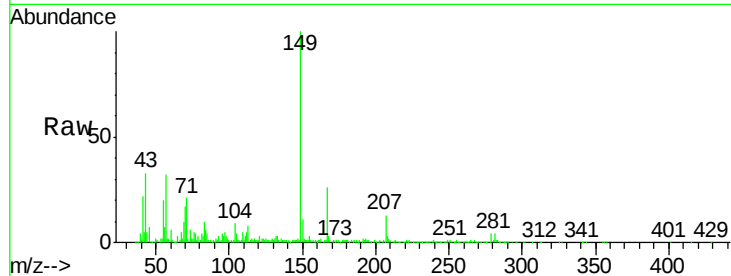
ClientSampleId :

IRONBOUND-BRICKRE

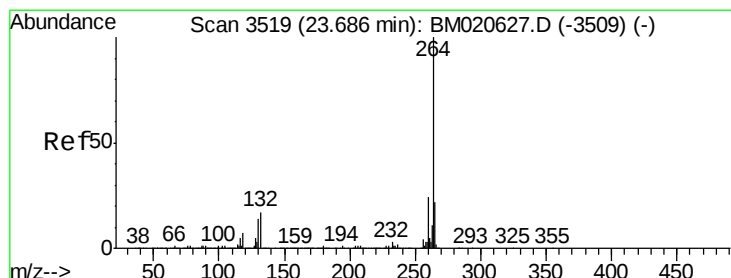
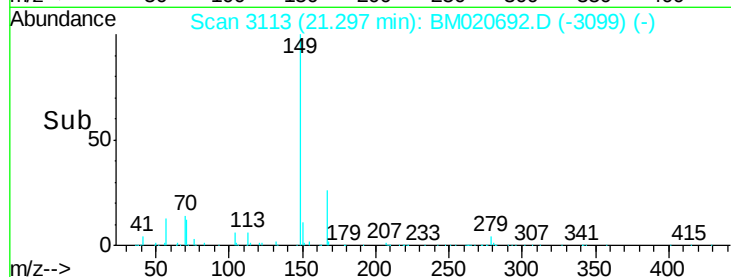
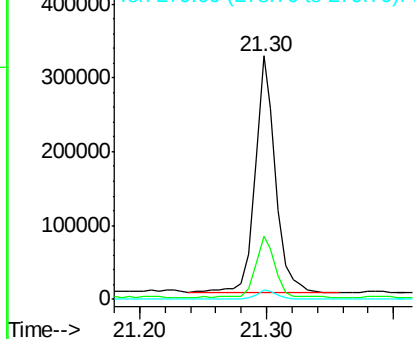
Tot Ion:	149	Resp:	365245
Ion Ratio	Lower	Upper	
149	100		
167	25.8	22.1	33.1
279	3.9	3.4	5.0

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

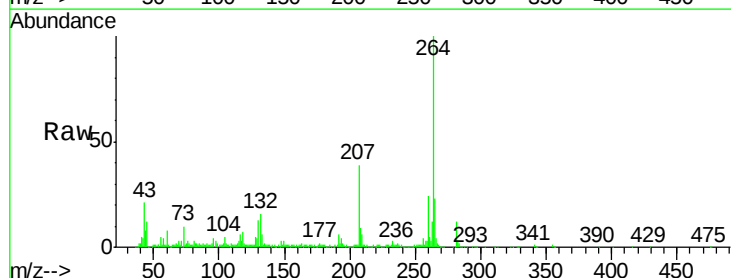
RT: 23.67 min Scan# 3516

Delta R.T. -0.02 min

Lab File: BM020692.D

Acq: 04 Jun 2019 06:30

Tgt Ion:	264	Resp:	407756
Ion Ratio	Lower	Upper	
264	100		
260	23.7	19.2	28.8
265	22.6	17.6	26.4



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

