

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM053019\
 Data File : BM020619.D
 Acq On : 30 May 2019 04:19
 Operator : JU/SJ
 Sample : K3050-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 052319-SBOA-E-U-M

Manual Integrations
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mohammad
 5/30/2019 8:17:10 AM

Quant Time: May 30 05:46:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM052419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 30 02:15:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	32342	20.00	ng	0.00
21) Naphthalene-d8	10.41	136	94127	20.00	ng	0.00
39) Acenaphthene-d10	14.28	164	71463	20.00	ng	0.00
64) Phenanthrene-d10	17.04	188	180973	20.00	ng	0.00
76) Chrysene-d12	21.23	240	249686	20.00	ng	0.00
87) Perylene-d12	23.46	264	302954	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	67437	40.91	ng	0.00
7) Phenol-d6	6.80	99	50613m	20.34	ng	0.00
23) Nitrobenzene-d5	8.79	82	212281	94.66	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	120370	84.07	ng	0.00
45) 2-Fluorobiphenyl	12.89	172	493119	86.59	ng	0.00
79) Terphenyl-d14	19.67	244	1223016	88.55	ng	0.00

Target Compounds Qvalue

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

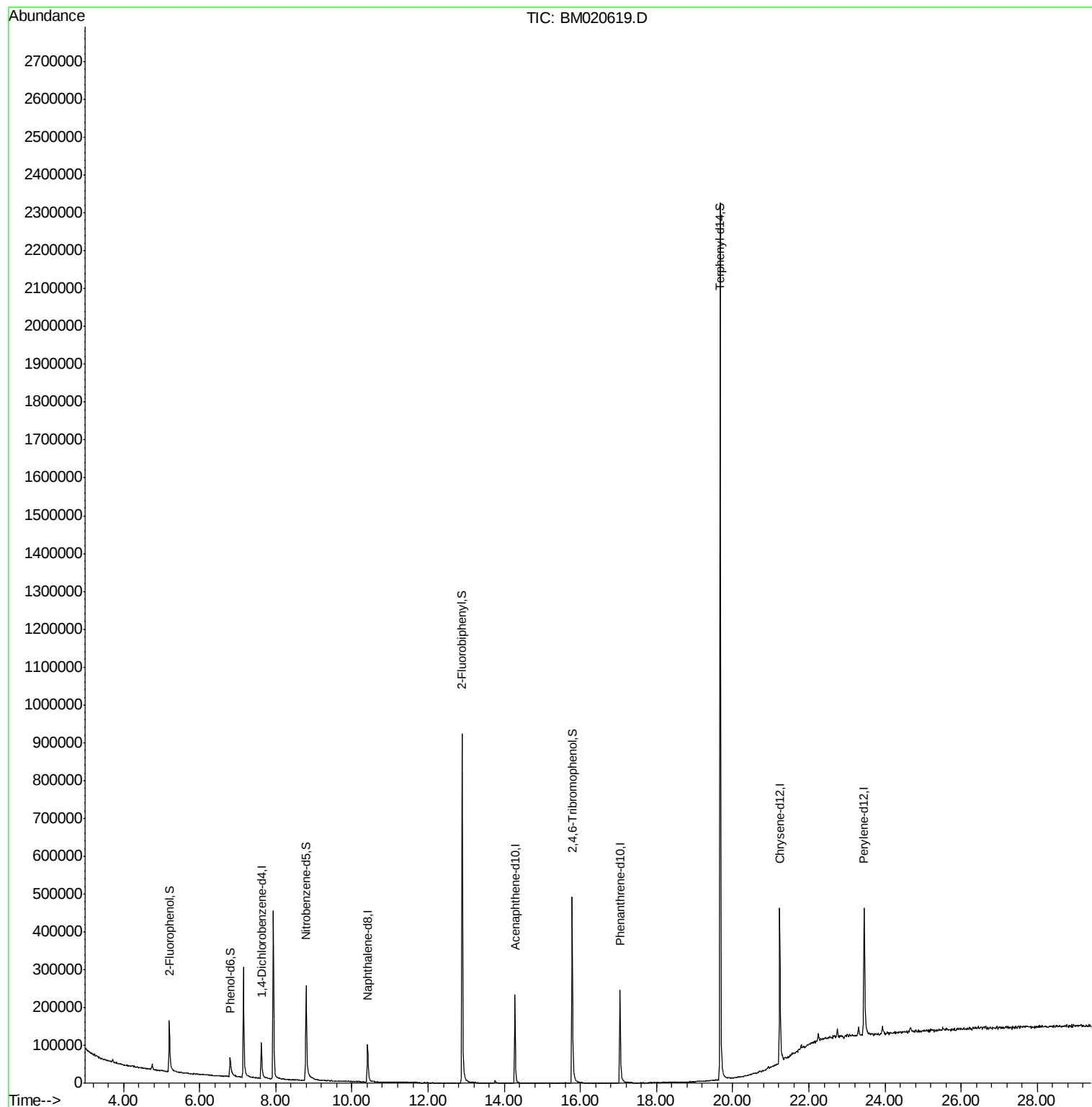
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM053019\
Data File : BM020619.D
Acq On : 30 May 2019 04:19
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ALS Vial : 22 Sample Multiplier: 1

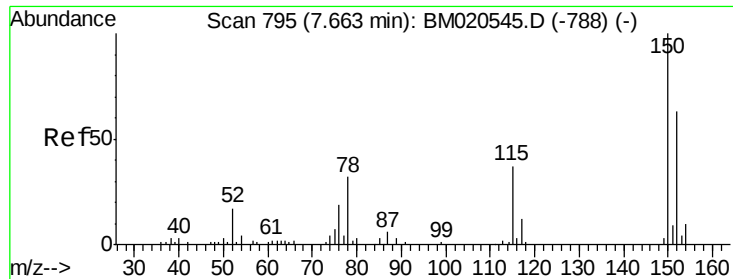
Instrument :
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#1

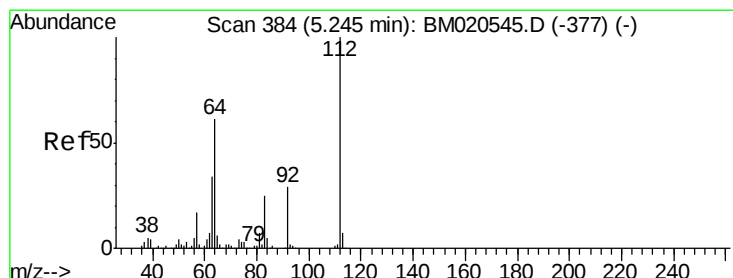
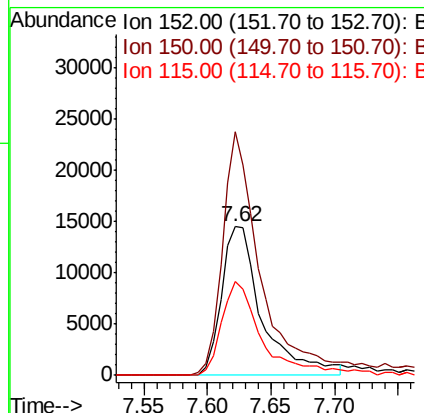
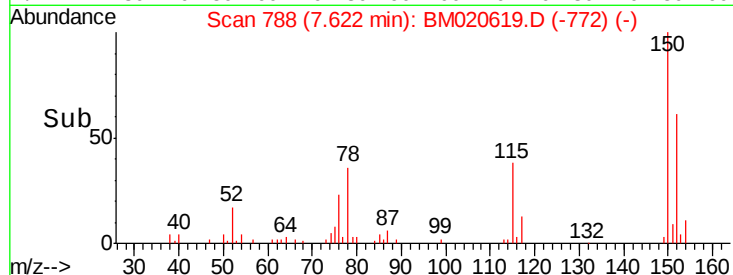
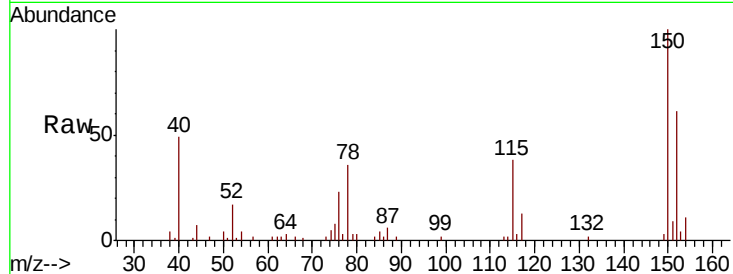
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.62 min Scan# 788
Delta R.T. -0.01 min
Lab File: BM020619.D
Acq: 30 May 2019 04:19

Instrument :
BNA_M
ClientSampleId :
052319-SBOA-E-U-M

Tot Ion	Ratio	Lower	Upper
152	100		
150	164.2	126.6	190.0
115	63.0	46.6	70.0

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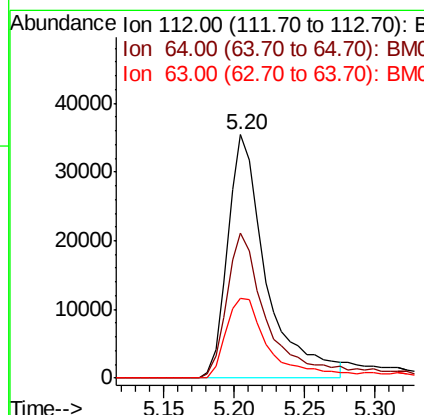
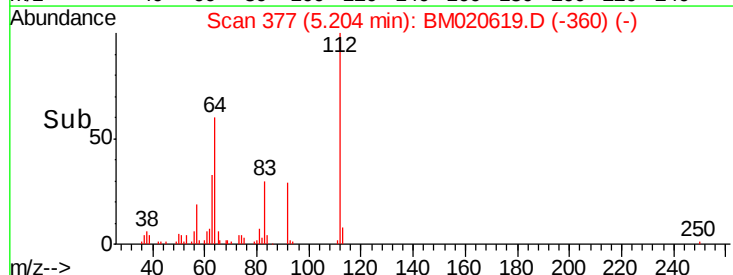
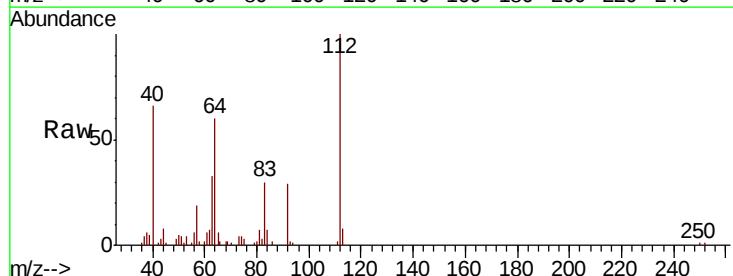
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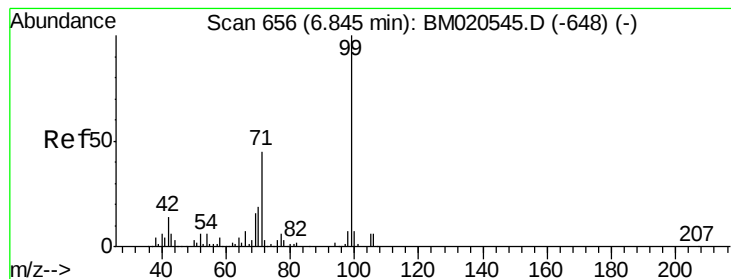


#5

2-Fluorophenol
Concen: 40.906 ng
RT: 5.20 min Scan# 377
Delta R.T. -0.00 min
Lab File: BM020619.D
Acq: 30 May 2019 04:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.5	48.6	73.0
63	32.8	27.4	41.0





#7

Phenol-d6

Concen: 20.341 ng/mL

RT: 6.80 min Scan# 649

Delta R.T. -0.00 min

Lab File: BM020619.D

Acq: 30 May 2019 04:19

Instrument :

BNA_M

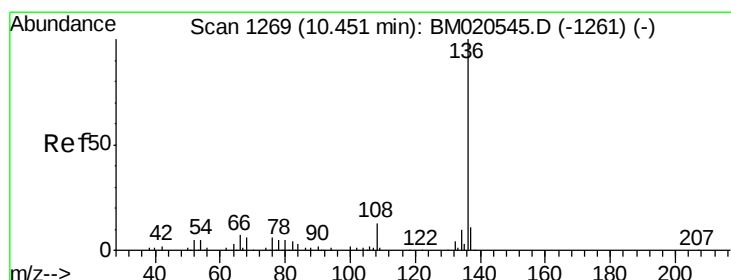
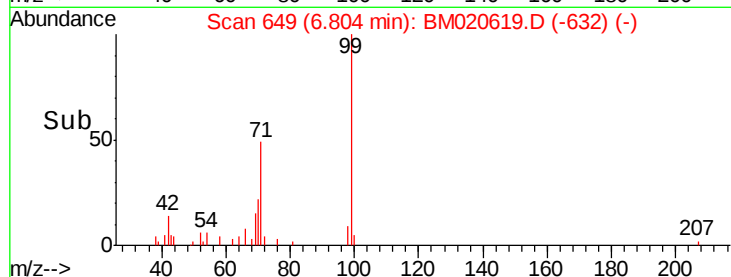
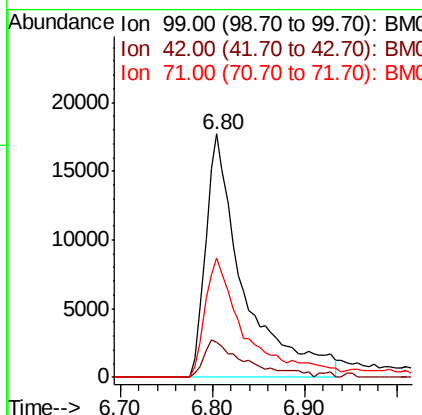
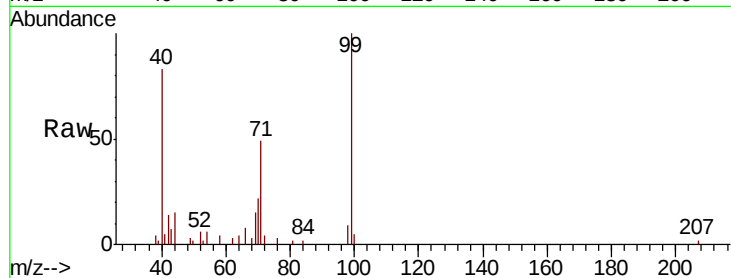
ClientSampleId :

052319-SBOA-E-U-M

Tot Ion:	99	Resp:	50613
Ion Ratio	Lower	Upper	
99	100		
42	14.3	10.8	16.2
71	49.1	36.3	54.5

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#21

Naphthalene-d8

Concen: 20.000 ng/mL

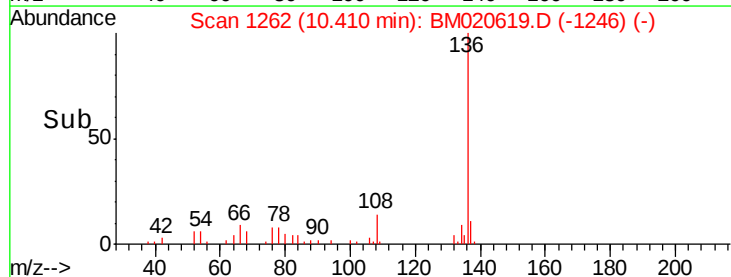
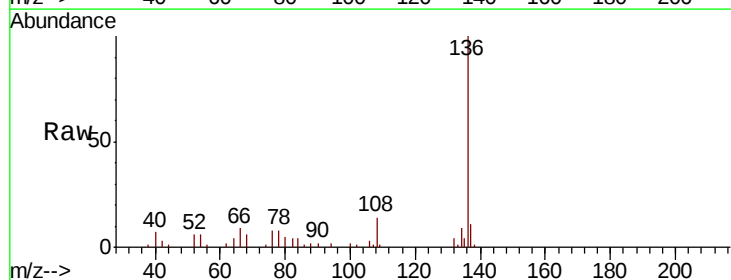
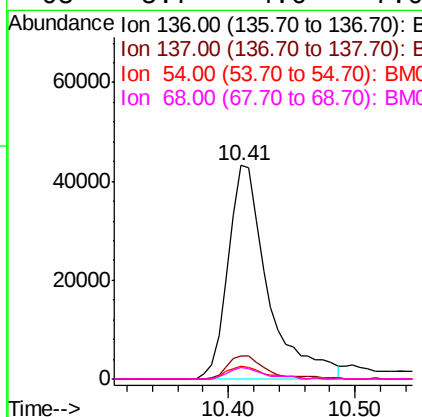
RT: 10.41 min Scan# 1262

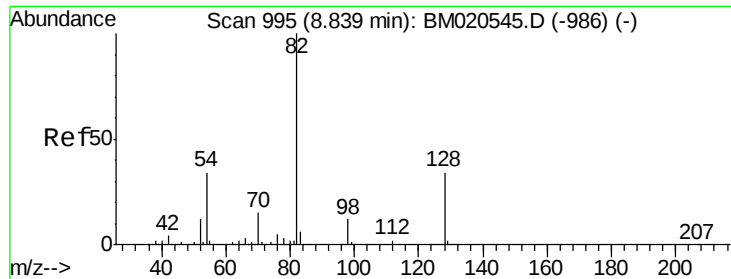
Delta R.T. -0.01 min

Lab File: BM020619.D

Acq: 30 May 2019 04:19

Tgt Ion:	136	Resp:	94127
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.4	12.6
54	5.9	4.2	6.4
68	5.7	4.6	7.0





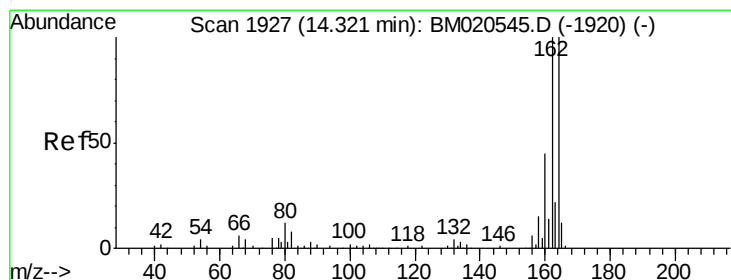
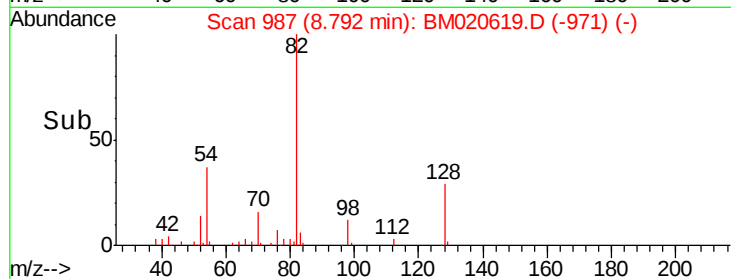
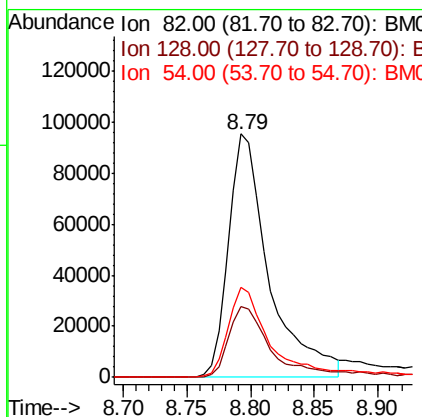
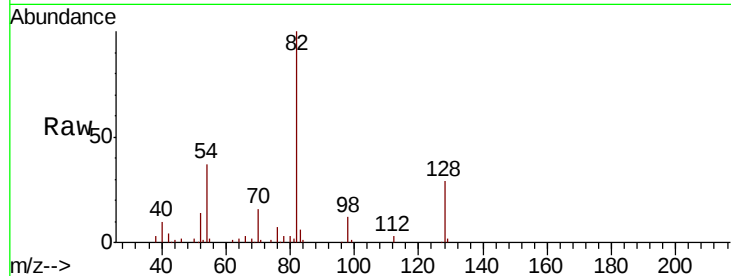
#23
Nitrobenzene-d5
Concen: 94.660 ng
RT: 8.79 min Scan# 987
Delta R.T. -0.01 min
Lab File: BM020619.D
Acq: 30 May 2019 04:19

Instrument :
BNA_M
ClientSampleId :
052319-SBOA-E-U-M

Tot Ion	82	Resp	212281
Ion Ratio	Lower	Upper	
82	100		
128	29.0	27.0	40.4
54	37.1	27.4	41.2

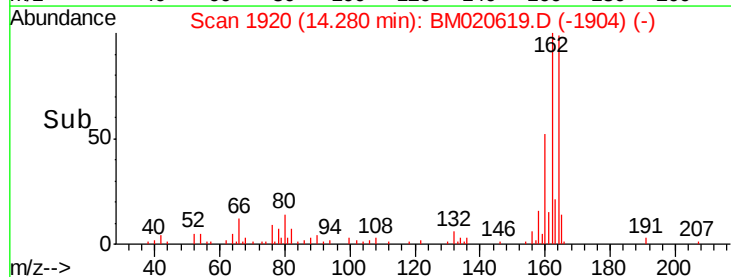
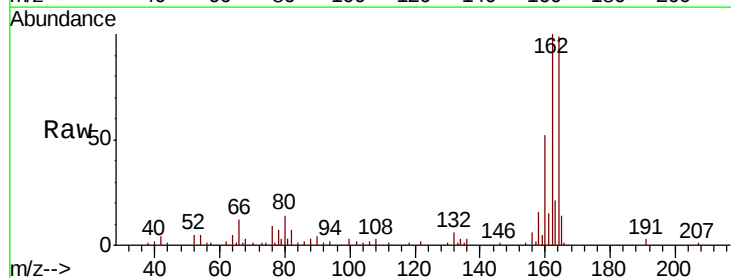
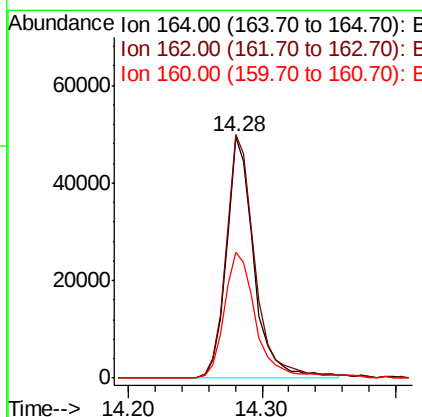
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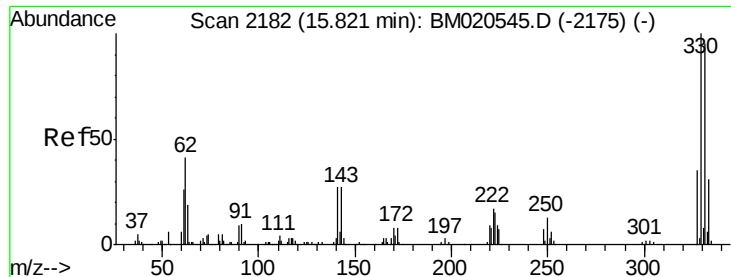
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.28 min Scan# 1920
Delta R.T. -0.01 min
Lab File: BM020619.D
Acq: 30 May 2019 04:19

Tgt Ion	164	Resp	71463
Ion Ratio	Lower	Upper	
164	100		
162	100.9	79.8	119.8
160	52.4	35.9	53.9





#42

2,4,6-Tribromophenol

Concen: 84.073 ng

RT: 15.79 min Scan# 2176

Delta R.T. -0.00 min

Lab File: BM020619.D

Acq: 30 May 2019 04:19

Instrument :

BNA_M

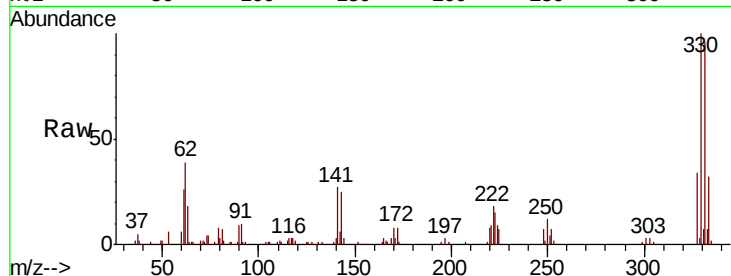
ClientSampleId :

052319-SBOA-E-U-M

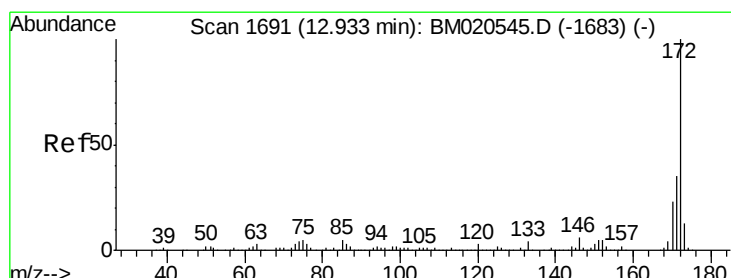
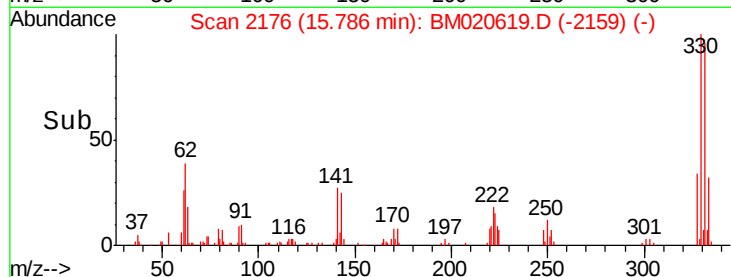
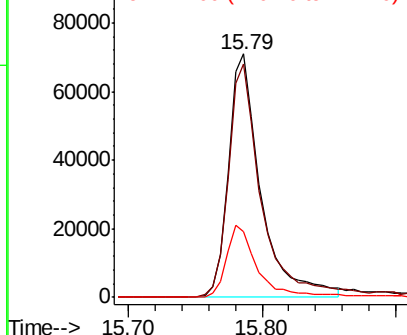
Tot Ion:	330	Resp:	120370
Ion Ratio	Lower	Upper	
330	100		
332	96.2	77.5	116.3
141	28.3	21.7	32.5

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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: 86.586 ng

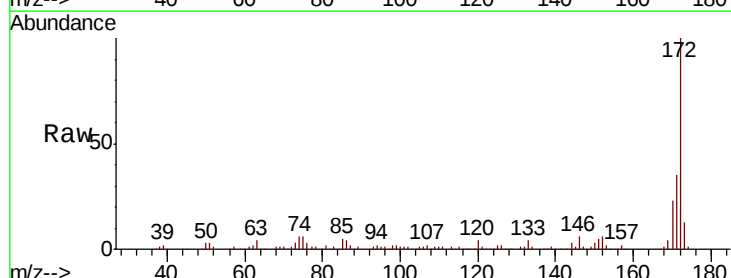
RT: 12.89 min Scan# 1684

Delta R.T. -0.01 min

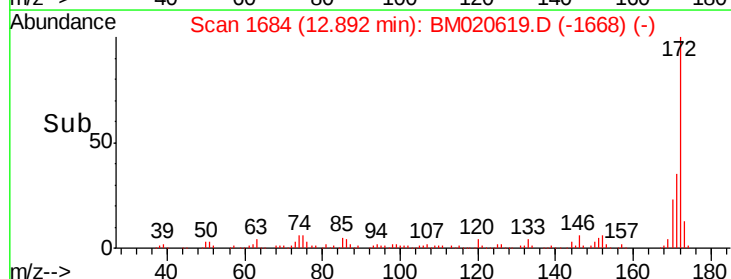
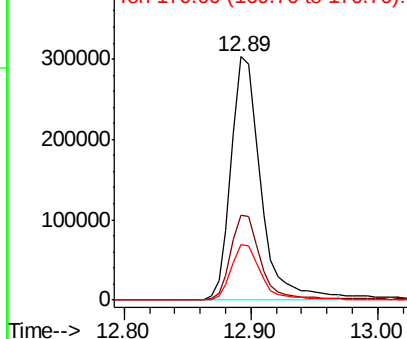
Lab File: BM020619.D

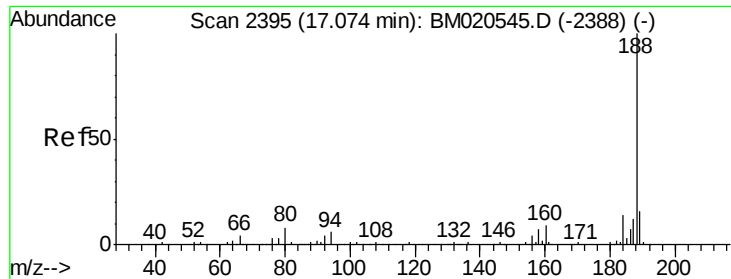
Acq: 30 May 2019 04:19

Tgt Ion:	172	Resp:	493119
Ion Ratio	Lower	Upper	
172	100		
171	34.9	27.9	41.9
170	22.6	18.2	27.4



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.04 min Scan# 2389

Delta R.T. -0.00 min

Lab File: BM020619.D

Acq: 30 May 2019 04:19

Instrument :

BNA_M

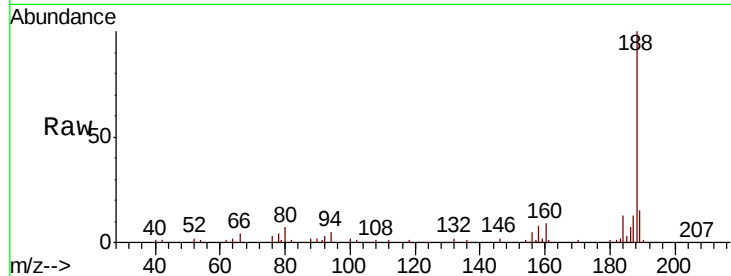
ClientSampleId :

052319-SBOA-E-U-M

Tot Ion	Ratio	Resp	Lower	Upper
188	100	180973		
94	5.2		5.0	7.4
80	7.0		6.5	9.7

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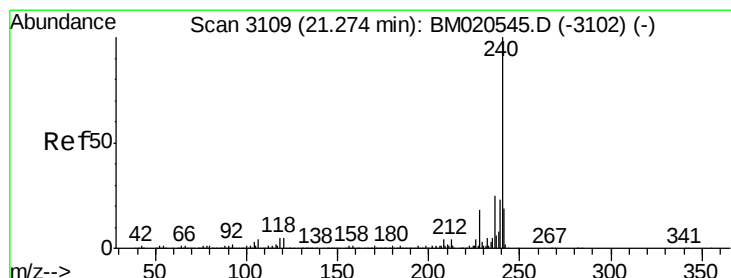
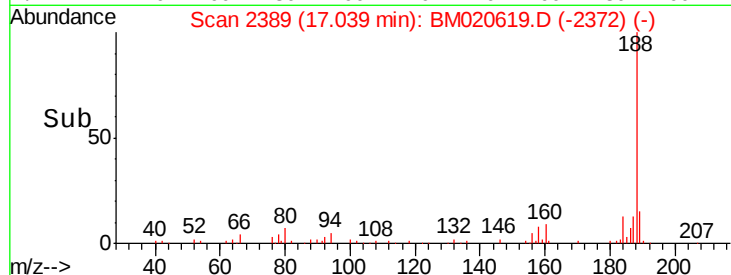
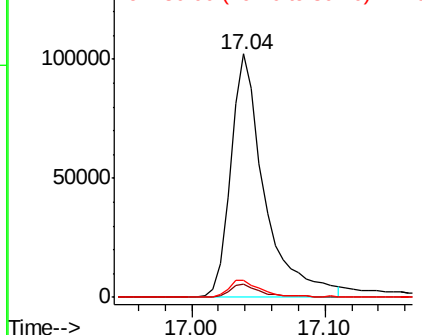
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#76

Chrysene-d12

Concen: 20.000 ng

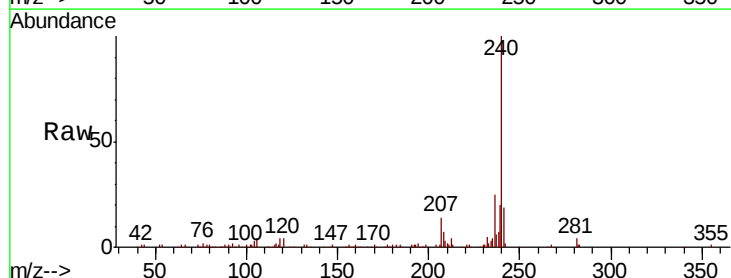
RT: 21.23 min Scan# 3102

Delta R.T. -0.01 min

Lab File: BM020619.D

Acq: 30 May 2019 04:19

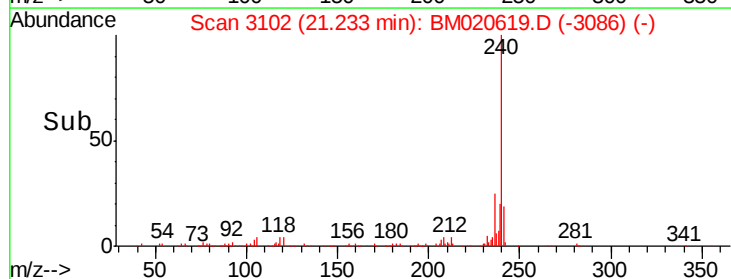
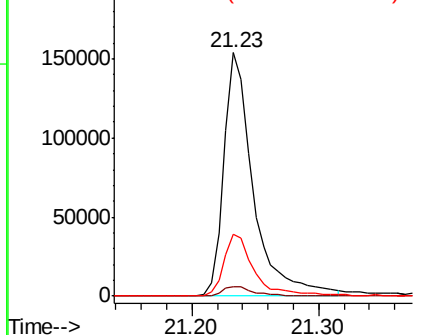
Tgt Ion	Ratio	Resp	Lower	Upper
240	100	249686		
120	3.8		4.1	6.1#
236	25.4		20.2	30.4

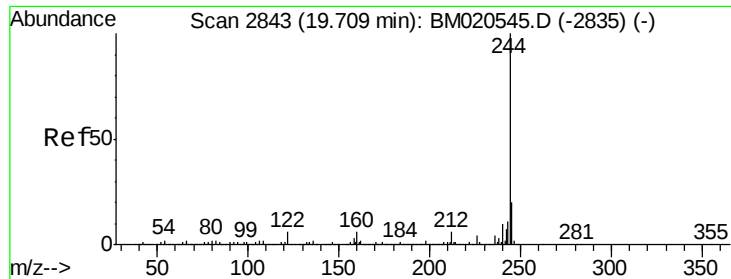


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





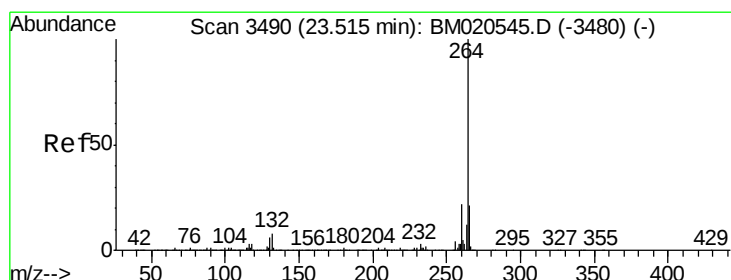
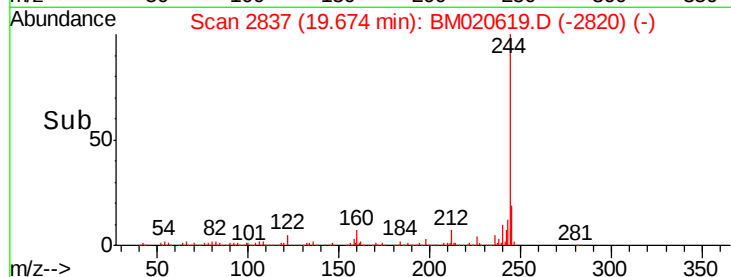
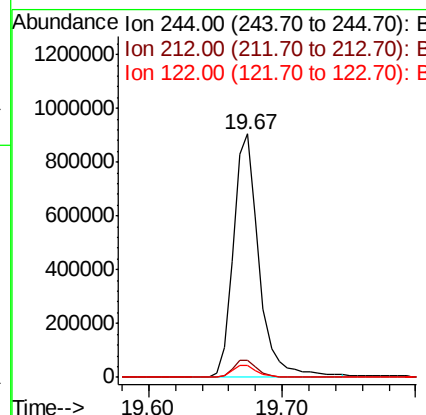
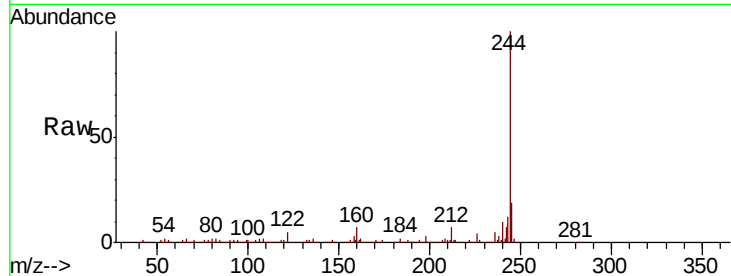
#79
 Terphenyl-d14
 Concen: 88.549 ng
 RT: 19.67 min Scan# 2837
 Delta R.T. -0.00 min
 Lab File: BM020619.D
 Acq: 30 May 2019 04:19

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Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.0	7.6
122	4.9	4.6	7.0

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#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.46 min Scan# 3480
 Delta R.T. -0.01 min
 Lab File: BM020619.D
 Acq: 30 May 2019 04:19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.7	26.5
265	22.4	17.4	26.2

