

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM042319\
 Data File : BM020035.D
 Acq On : 23 Apr 2019 14:14
 Operator : JU/SJ
 Sample : PB119084BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB119084BL

Manual Integrations
 APPROVED

Sohil
 4/24/2019 11:49:04 AM

Quant Time: Apr 24 03:36:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM041519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 19 00:56:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	76127	20.00	ng	-0.02
21) Naphthalene-d8	10.28	136	267383m	20.00	ng	0.00
39) Acenaphthene-d10	14.17	164	144280m	20.00	ng	0.00
64) Phenanthrene-d10	16.94	188	313228m	20.00	ng	0.00
76) Chrysene-d12	21.16	240	303791	20.00	ng	0.00
87) Perylene-d12	23.34	264	405896m	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	487037	103.68	ng	-0.02
7) Phenol-d6	6.69	99	611293	86.47	ng	-0.02
23) Nitrobenzene-d5	8.67	82	366237	61.26	ng	-0.01
42) 2,4,6-Tribromophenol	15.68	330	210349	90.57	ng	-0.01
45) 2-Fluorobiphenyl	12.77	172	776373	67.06	ng	-0.02
79) Terphenyl-d14	19.57	244	1216859	70.65	ng	-0.02

Target Compounds Qvalue

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

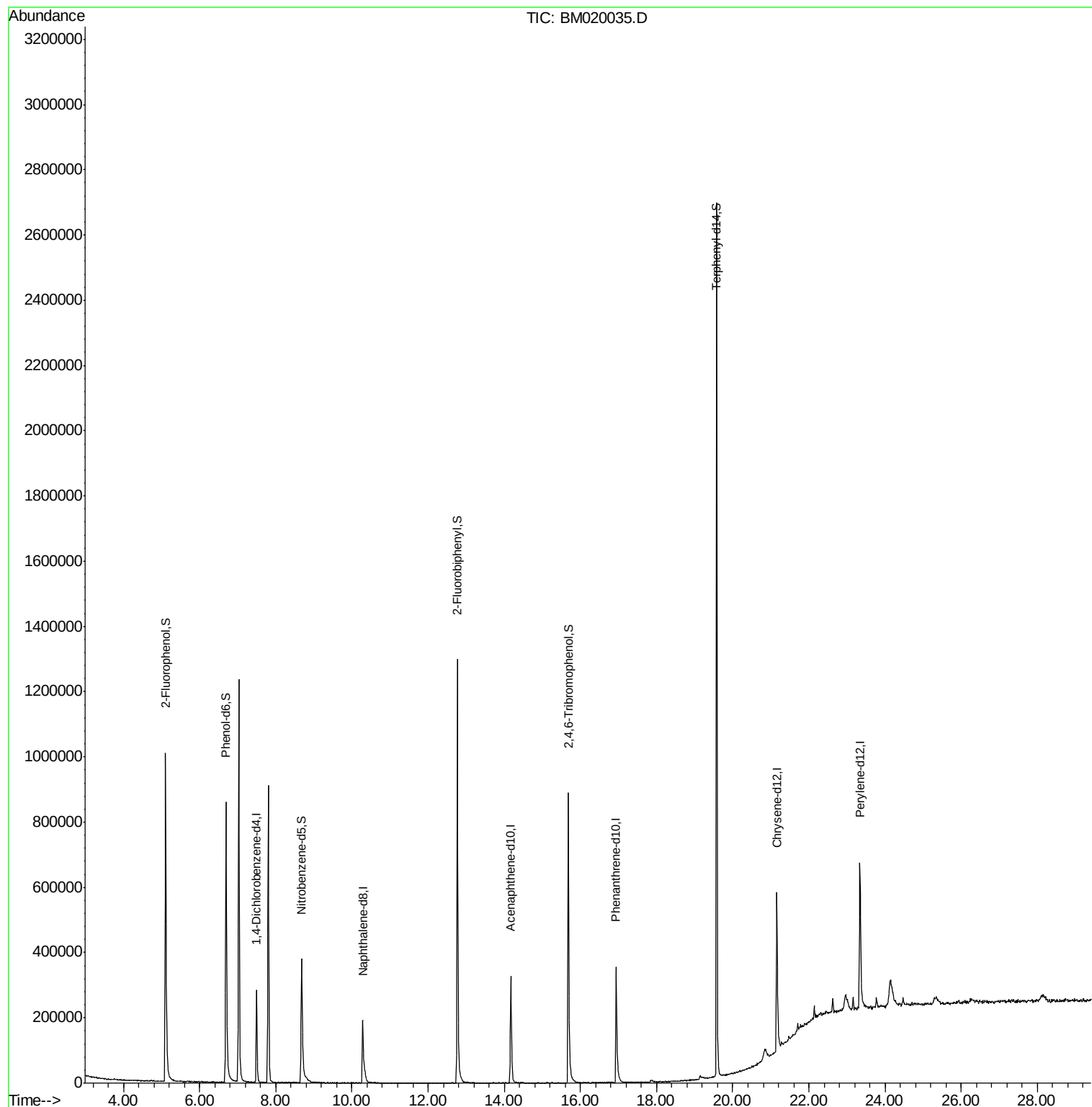
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM042319\
Data File : BM020035.D
Acq On : 23 Apr 2019 14:14
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ALS Vial : 3 Sample Multiplier: 1

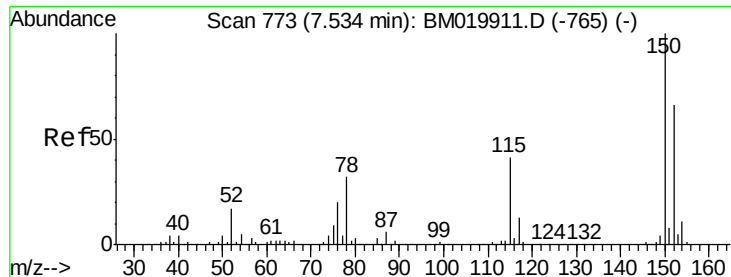
Instrument :
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#1

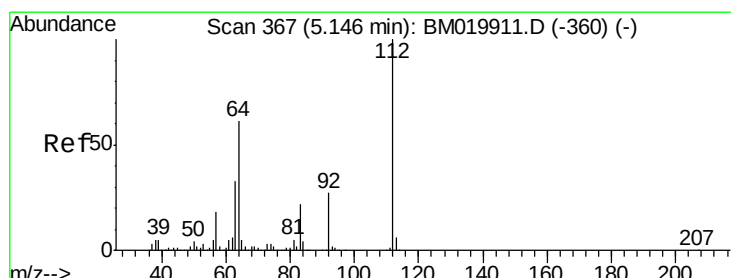
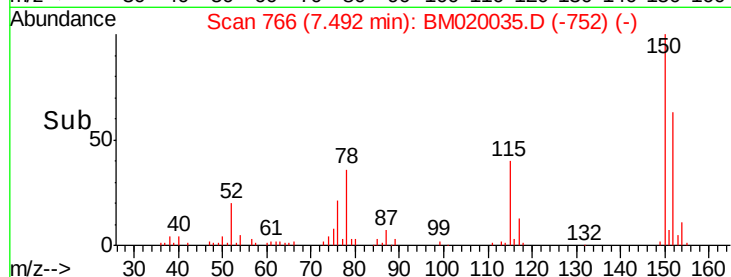
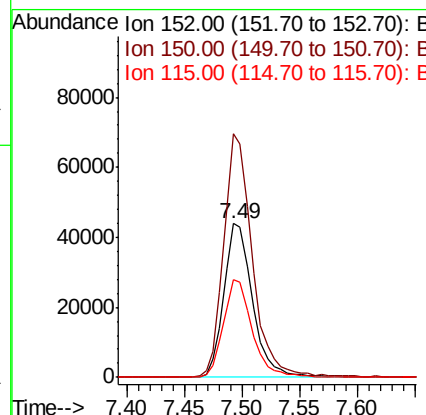
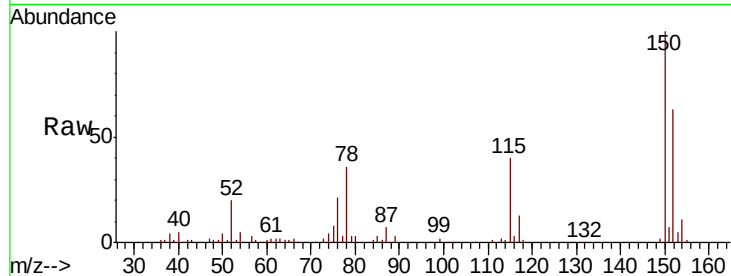
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 766
Delta R.T. -0.02 min
Lab File: BM020035.D
Acq: 23 Apr 2019 14:14

Instrument :
BNA_M
ClientSampleId :
PB119084BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	122.1	183.1
115	63.9	50.0	75.0

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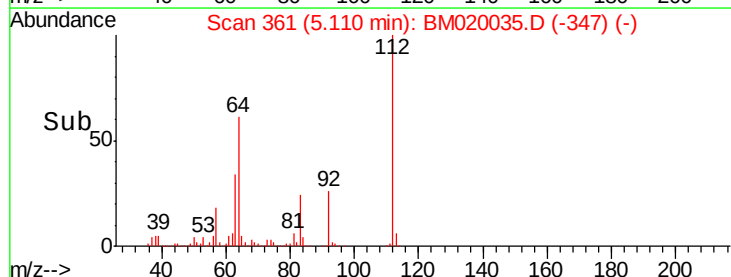
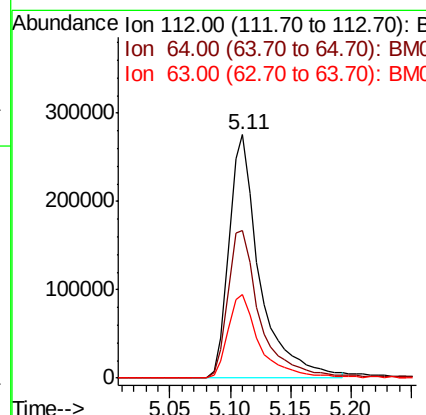
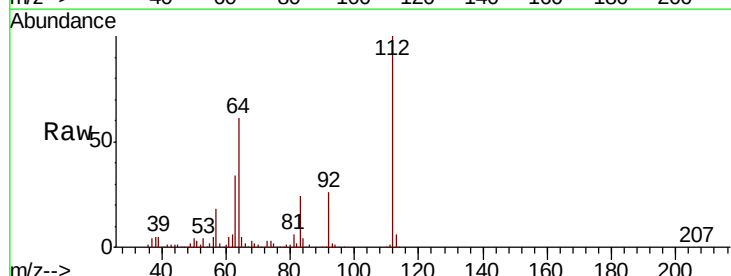
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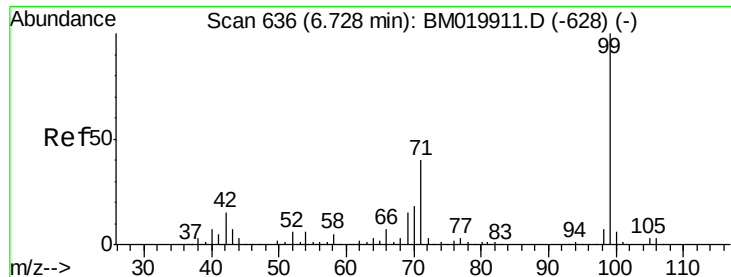


#5

2-Fluorophenol
Concen: 103.684 ng
RT: 5.11 min Scan# 361
Delta R.T. -0.02 min
Lab File: BM020035.D
Acq: 23 Apr 2019 14:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.7	49.1	73.7
63	34.3	26.5	39.7





#7

Phenol-d6

Concen: 86.470 ng

RT: 6.69 min Scan# 630

Delta R.T. -0.02 min

Lab File: BM020035.D

Acq: 23 Apr 2019 14:14

Instrument :

BNA_M

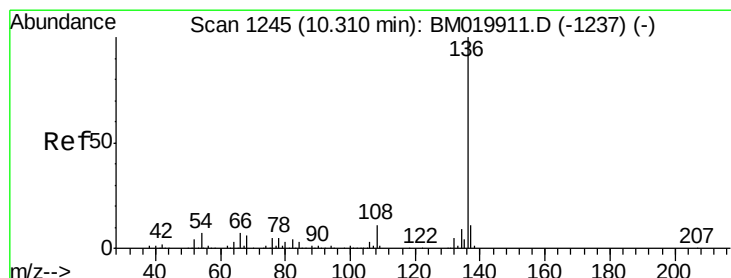
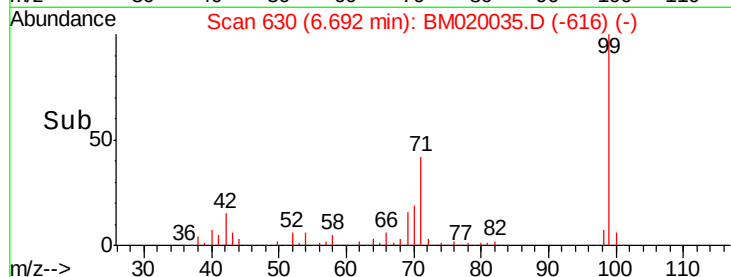
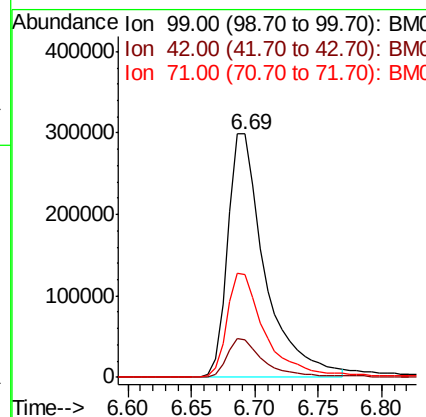
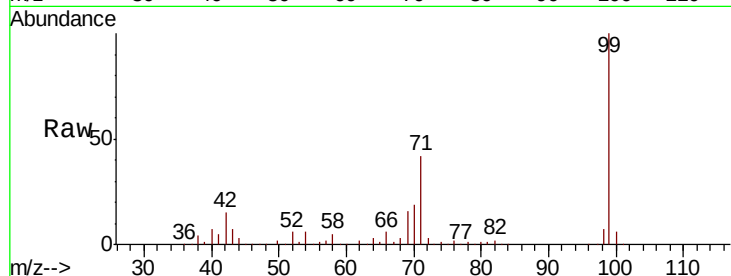
ClientSampleId :

PB119084BL

Tot Ion:	99	Resp:	611293
Ion Ratio	Lower	Upper	
99	100		
42	15.4	11.8	17.8
71	42.2	32.0	48.0

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#21

Naphthalene-d8

Concen: 20.000 ng m

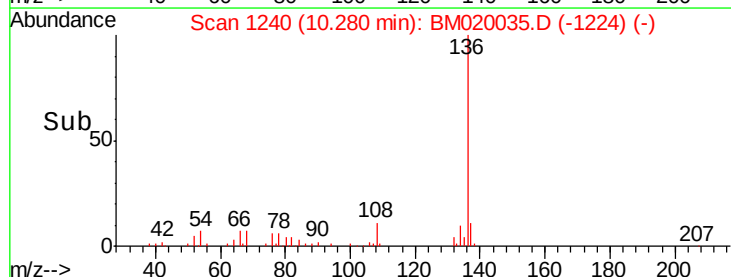
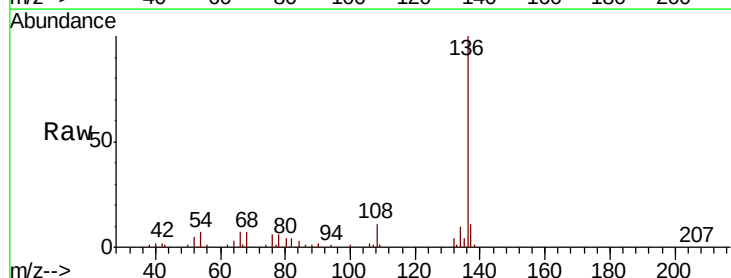
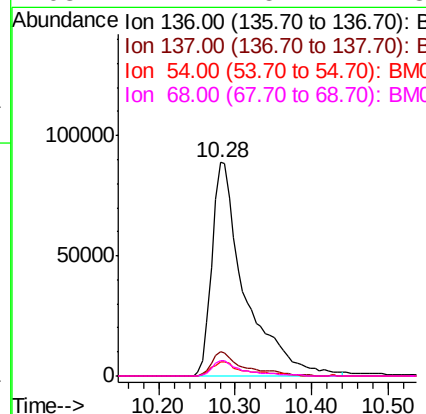
RT: 10.28 min Scan# 1240

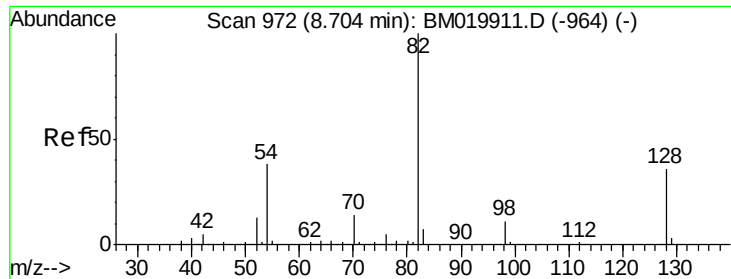
Delta R.T. -0.01 min

Lab File: BM020035.D

Acq: 23 Apr 2019 14:14

Tgt Ion:	136	Resp:	267383
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.0	13.6
54	6.9	5.3	7.9
68	7.1	5.2	7.8





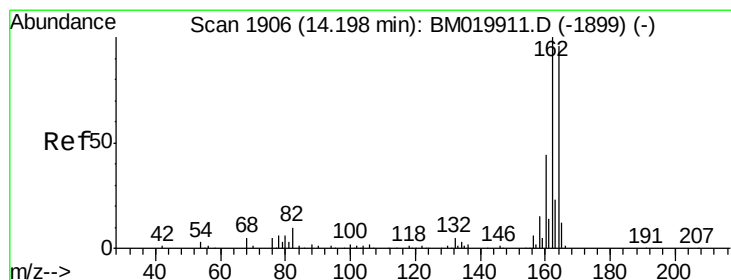
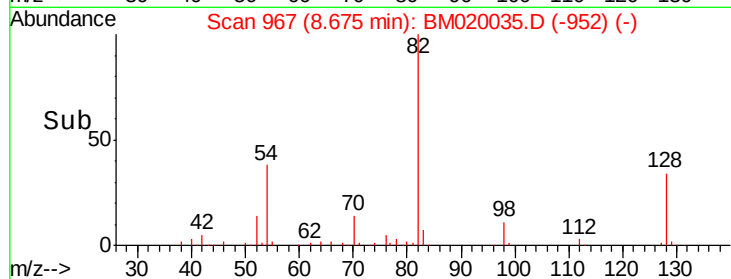
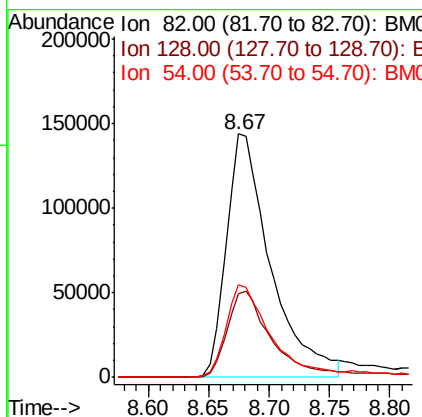
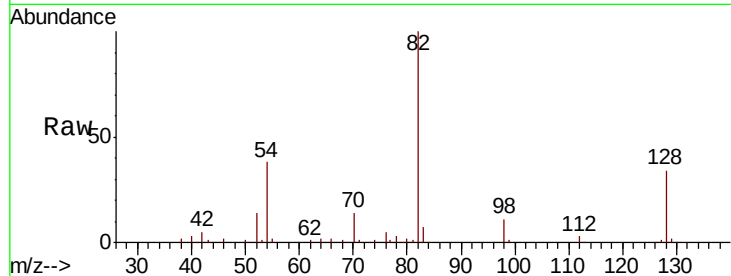
#23
Nitrobenzene-d5
Concen: 61.255 ng
RT: 8.67 min Scan# 967
Delta R.T. -0.01 min
Lab File: BM020035.D
Acq: 23 Apr 2019 14:14

Instrument :
BNA_M
ClientSampleId :
PB119084BL

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	34.1	29.0	43.4	
54	37.9	30.2	45.4	

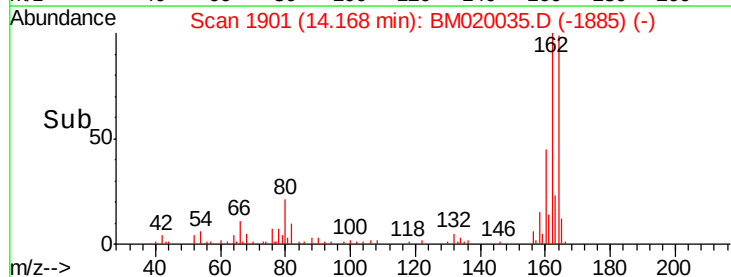
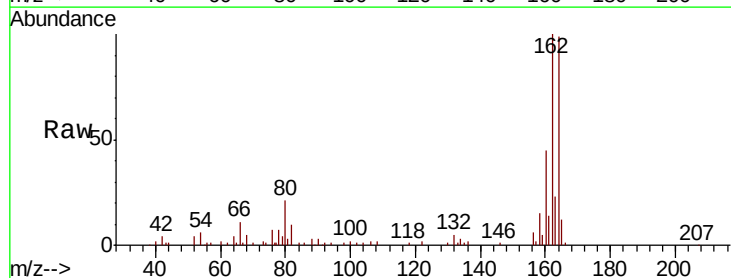
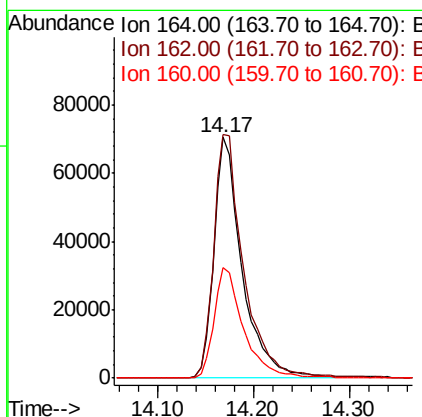
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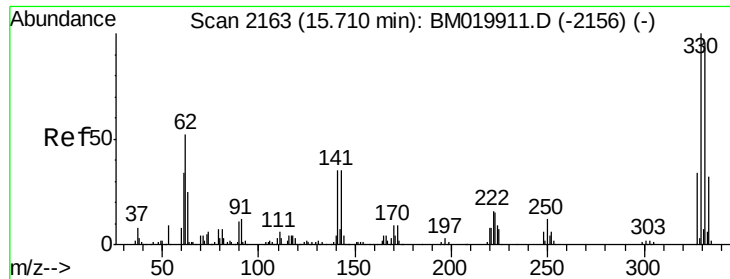
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#39
Acenaphthene-d10
Concen: 20.000 ng m
RT: 14.17 min Scan# 1901
Delta R.T. -0.01 min
Lab File: BM020035.D
Acq: 23 Apr 2019 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.2	83.0	124.4	
160	45.8	36.6	55.0	





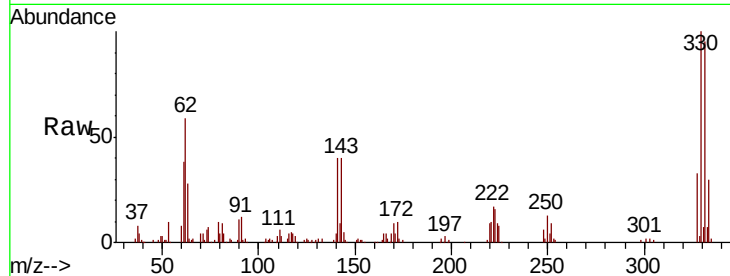
#42
 2,4,6-Tribromophenol
 Concen: 90.570 ng
 RT: 15.68 min Scan# 2158
 Delta R.T. -0.01 min
 Lab File: BM020035.D
 Acq: 23 Apr 2019 14:14

Instrument :
 BNA_M
 ClientSampled :
 PB119084BL

Tot Ion	Ratio	Resp	Lower	Upper
330	100	210349		
332	96.8		77.4	116.2
141	39.7		29.0	43.4

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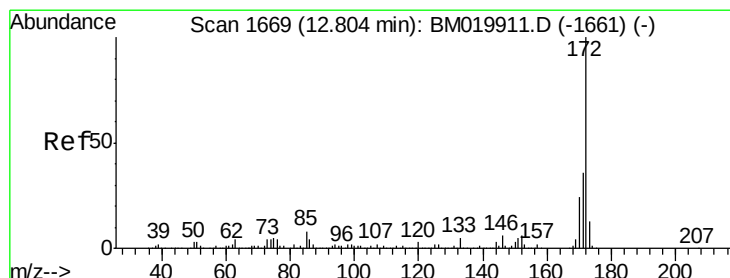
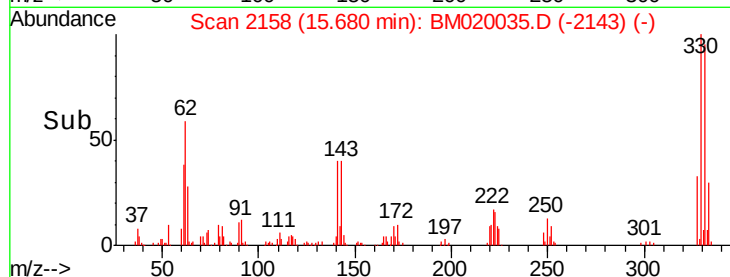
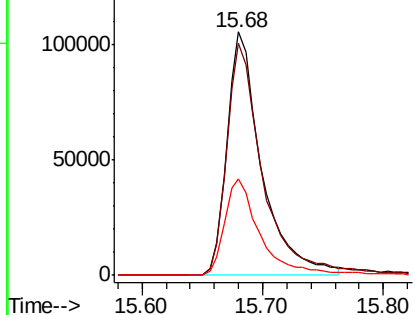


Abundance

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: 67.060 ng
 RT: 12.77 min Scan# 1663
 Delta R.T. -0.02 min
 Lab File: BM020035.D
 Acq: 23 Apr 2019 14:14

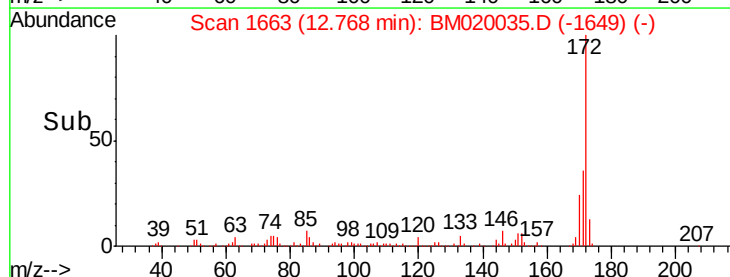
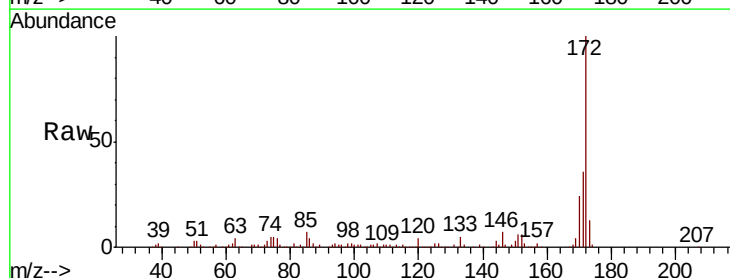
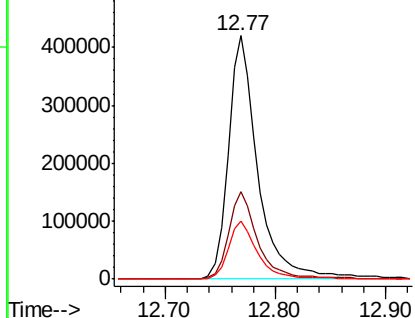
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	776373		
171	35.7		28.9	43.3
170	23.8		19.0	28.4

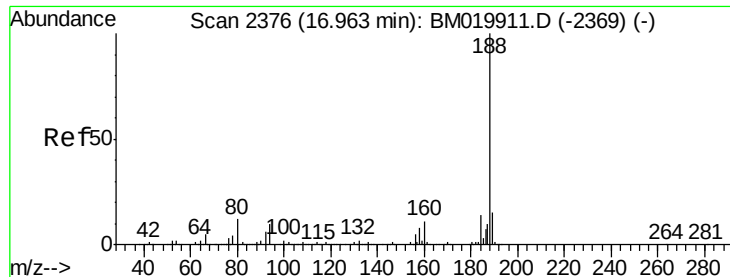
Abundance

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





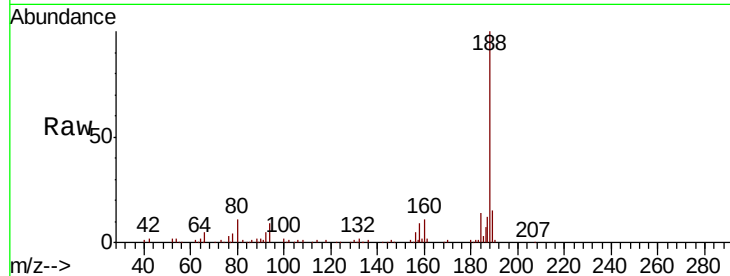
#64
Phenanthrene-d10
Concen: 20.000 ng m
RT: 16.94 min Scan# 2372
Delta R.T. -0.01 min
Lab File: BM020035.D
Acq: 23 Apr 2019 14:14

Instrument :
BNA_M
ClientSampleId :
PB119084BL

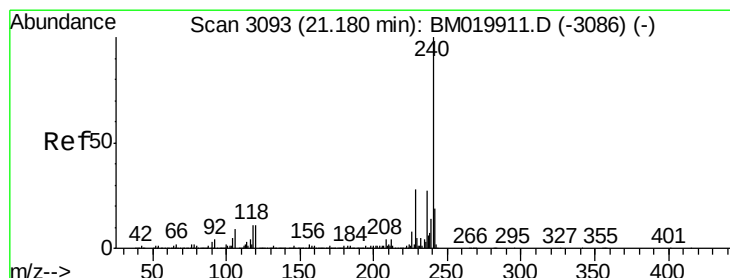
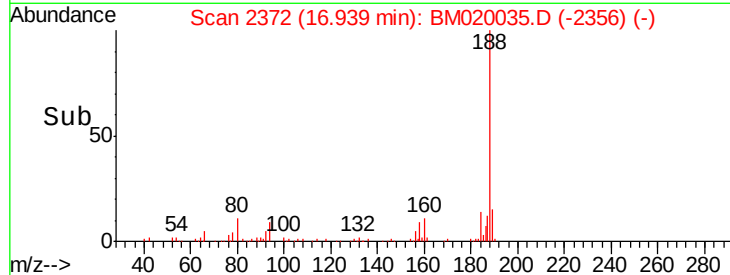
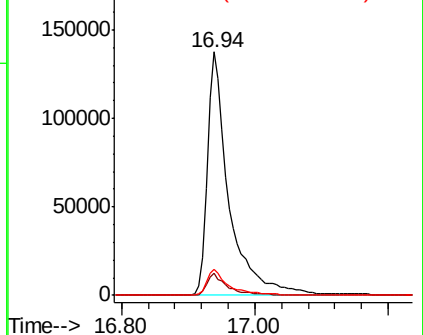
Tot Ion	Ratio	Resp	Lower	Upper
188	100	313228		
94	9.1		7.6	11.4
80	10.8		9.4	14.0

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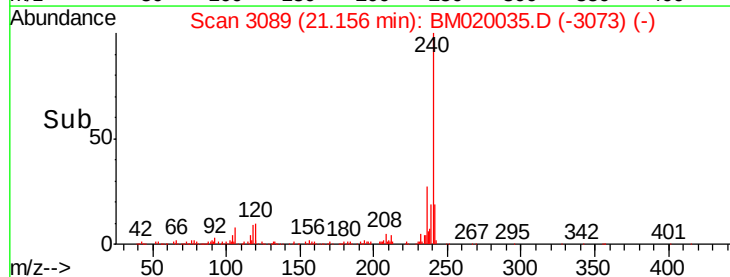
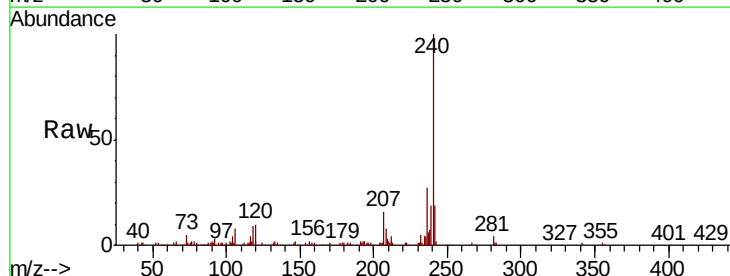
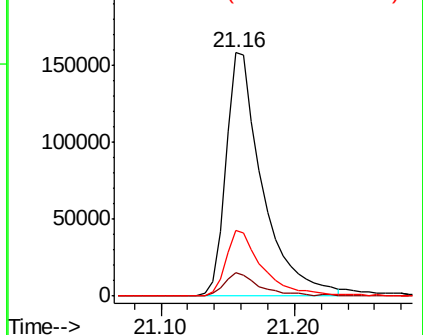
Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

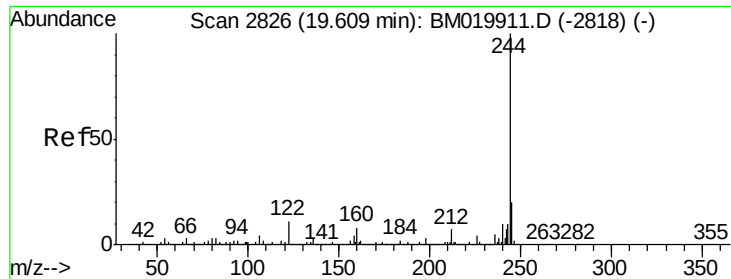


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3089
Delta R.T. -0.01 min
Lab File: BM020035.D
Acq: 23 Apr 2019 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	303791		
120	9.5		8.6	13.0
236	27.1		21.4	32.2

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





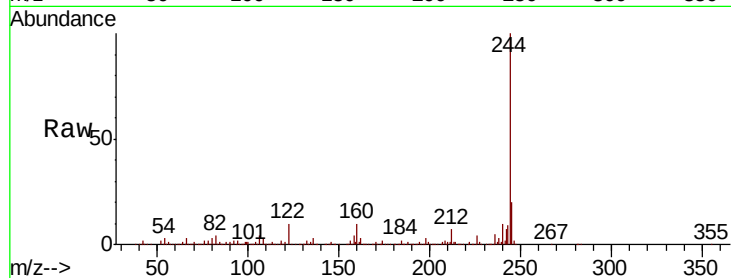
#79
 Terphenyl-d14
 Concen: 70.651 ng
 RT: 19.57 min Scan# 2820
 Delta R.T. -0.02 min
 Lab File: BM020035.D
 Acq: 23 Apr 2019 14:14

Instrument :
 BNA_M
 ClientSampleId :
 PB119084BL

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.7	8.5
122	10.4	9.1	13.7

Manual Integrations
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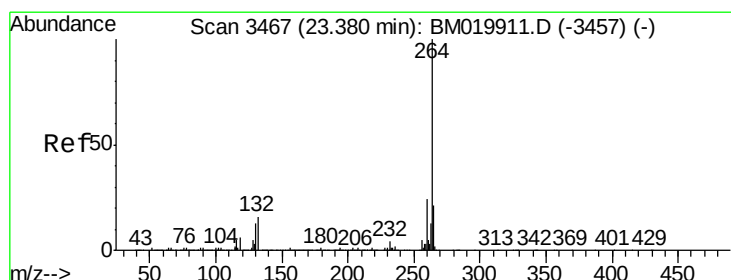
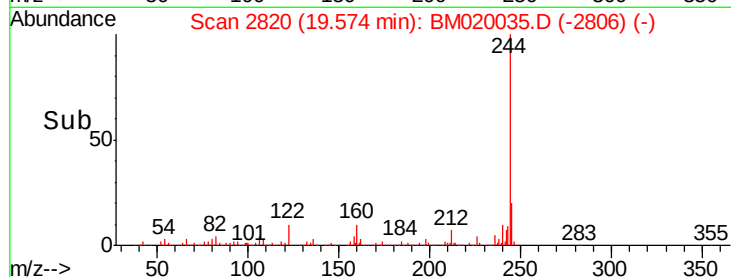
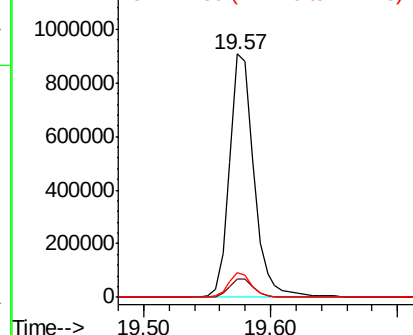


Abundance

Ion 244.00 (243.70 to 244.70): E

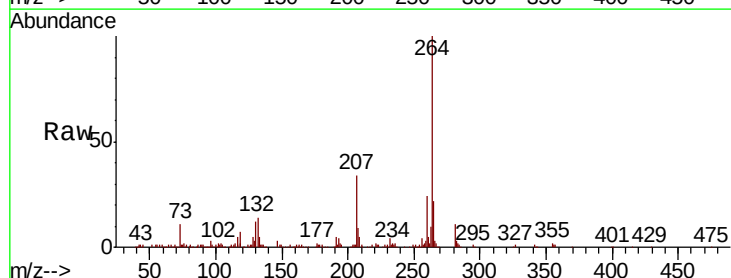
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng m
 RT: 23.34 min Scan# 3460
 Delta R.T. -0.01 min
 Lab File: BM020035.D
 Acq: 23 Apr 2019 14:14

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	22.2	17.2	25.8



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

