

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM042319\
 Data File : BM020049.D
 Acq On : 23 Apr 2019 22:45
 Operator : JU/SJ
 Sample : K2487-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FB

Manual Integrations
 APPROVED

Sohil
 4/24/2019 11:49:41 AM

Quant Time: Apr 24 04:49:25 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	91591	20.00	ng	-0.02
21) Naphthalene-d8	10.27	136	323776m	20.00	ng	-0.01
39) Acenaphthene-d10	14.16	164	173353	20.00	ng	-0.01
64) Phenanthrene-d10	16.93	188	371993	20.00	ng	-0.01
76) Chrysene-d12	21.15	240	380987	20.00	ng	-0.01
87) Perylene-d12	23.33	264	482210	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	349764	61.89	ng	-0.02
7) Phenol-d6	6.69	99	258207	30.36	ng	-0.02
23) Nitrobenzene-d5	8.67	82	678223	93.68	ng	-0.02
42) 2,4,6-Tribromophenol	15.67	330	394203	141.27	ng	-0.02
45) 2-Fluorobiphenyl	12.76	172	1389598	99.90	ng	-0.02
79) Terphenyl-d14	19.57	244	2327414	107.75	ng	-0.02

Target Compounds Qvalue

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

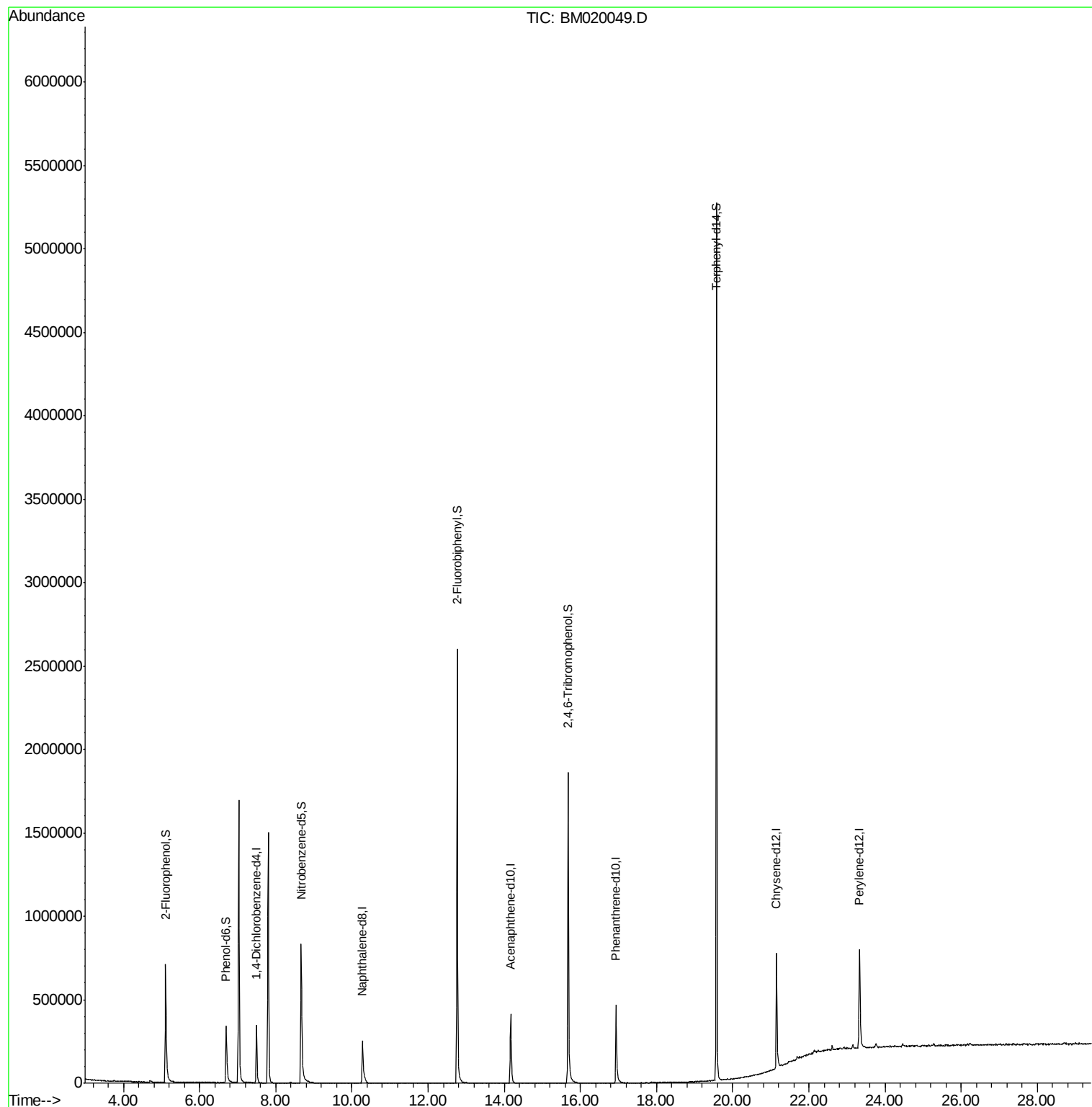
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM042319\
Data File : BM020049.D
Acq On : 23 Apr 2019 22:45
Operator : JU/SJ
Sample : K2487-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

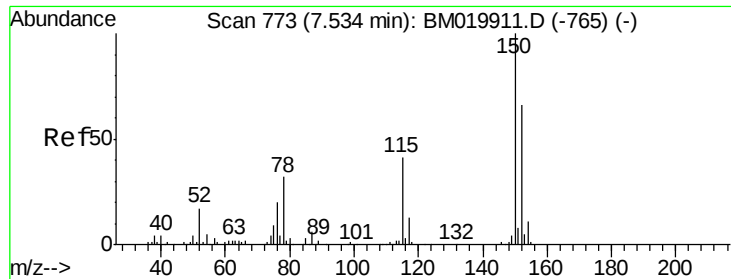
Instrument :
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#1

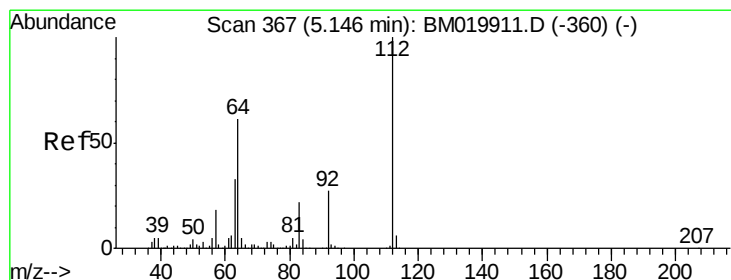
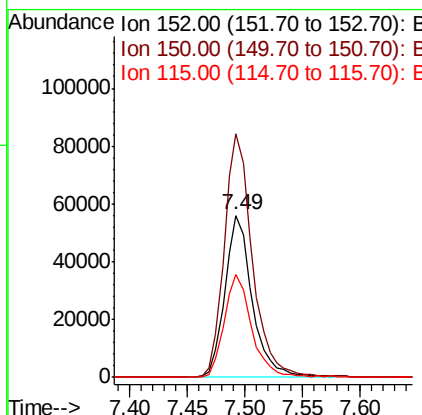
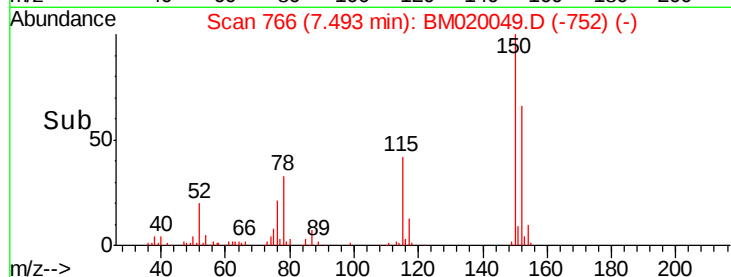
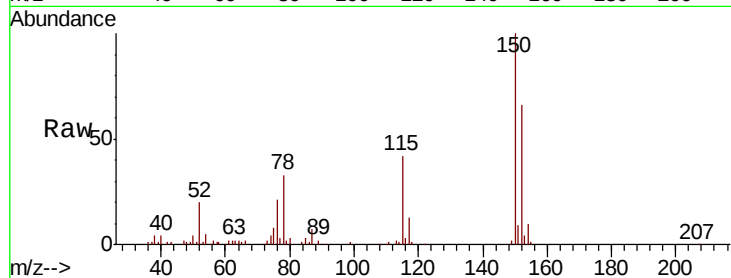
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 766
Delta R.T. -0.02 min
Lab File: BM020049.D
Acq: 23 Apr 2019 22:45

Instrument :
BNA_M
ClientSampled :
FB

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.6	122.1	183.1
115	63.9	50.0	75.0

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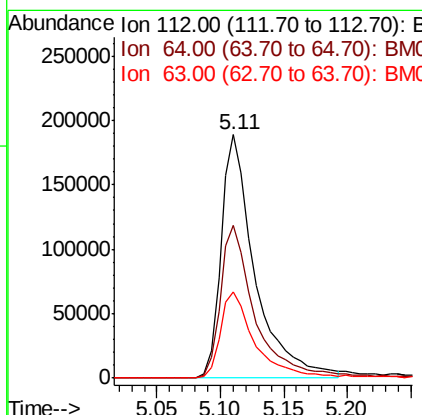
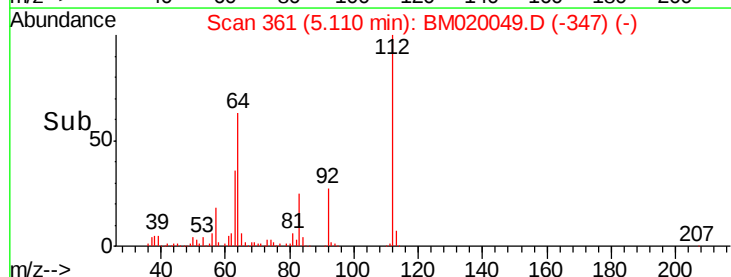
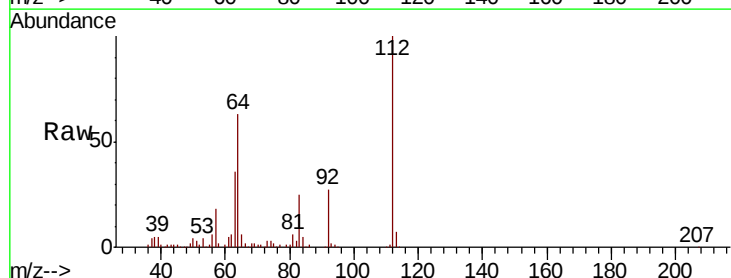
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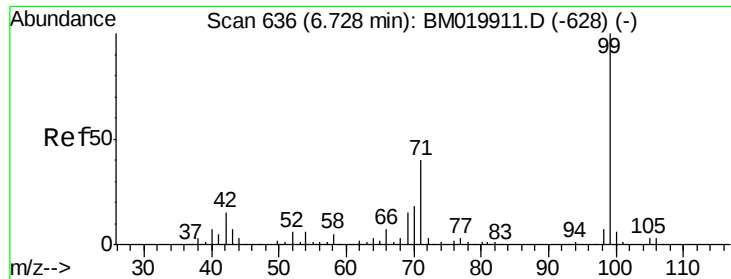


#5

2-Fluorophenol
Concen: 61.889 ng
RT: 5.11 min Scan# 361
Delta R.T. -0.02 min
Lab File: BM020049.D
Acq: 23 Apr 2019 22:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.8	49.1	73.7
63	35.5	26.5	39.7





#7

Phenol-d6

Concen: 30.358 ng

RT: 6.69 min Scan# 630

Delta R.T. -0.02 min

Lab File: BM020049.D

Acq: 23 Apr 2019 22:45

Instrument :

BNA_M

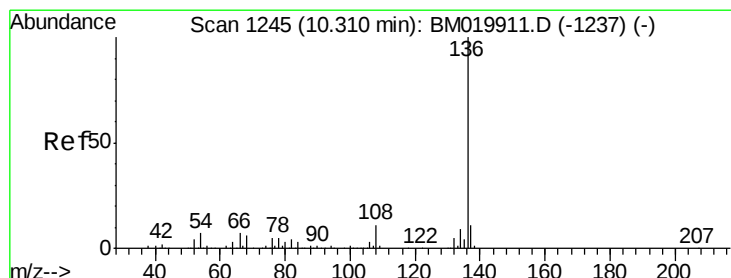
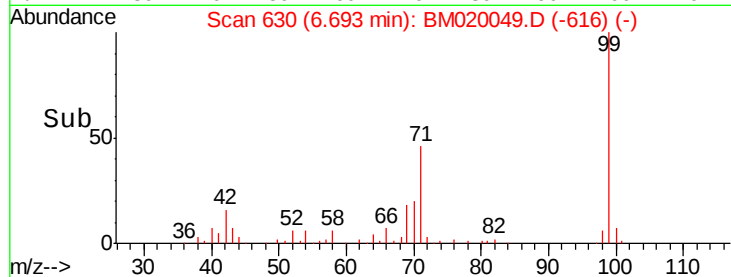
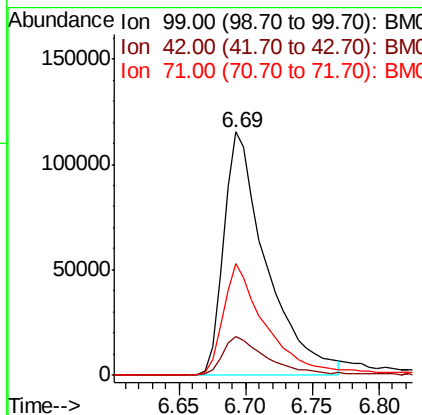
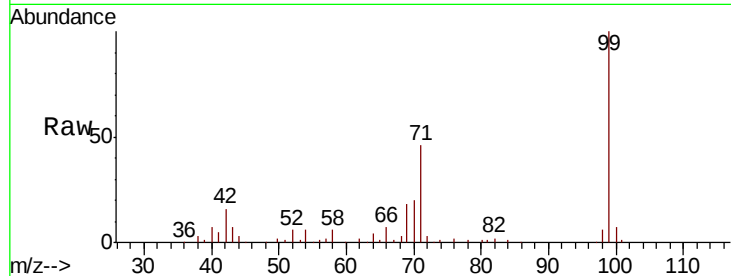
ClientSampled :

FB

Tot Ion:	99	Resp:	258207
Ion Ratio	Lower	Upper	
99	100		
42	15.8	11.8	17.8
71	46.1	32.0	48.0

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#21

Naphthalene-d8

Concen: 20.000 ng m

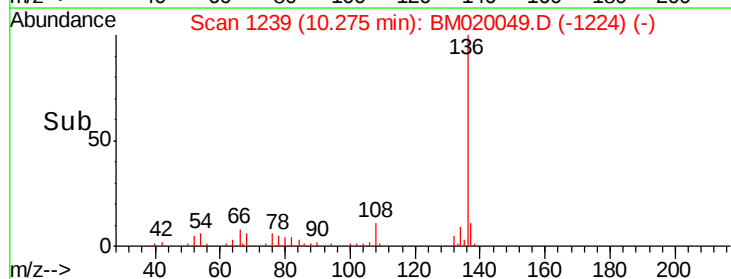
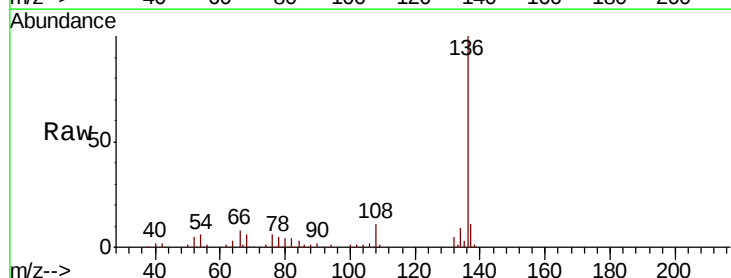
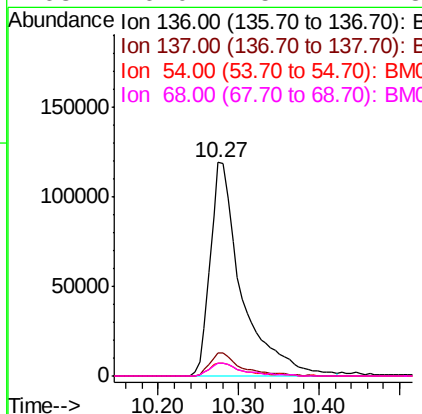
RT: 10.27 min Scan# 1239

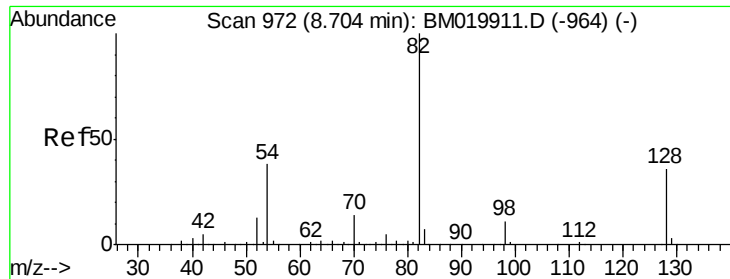
Delta R.T. -0.01 min

Lab File: BM020049.D

Acq: 23 Apr 2019 22:45

Tgt Ion:	136	Resp:	323776
Ion Ratio	Lower	Upper	
136	100		
137	10.7	9.0	13.6
54	6.3	5.3	7.9
68	6.0	5.2	7.8





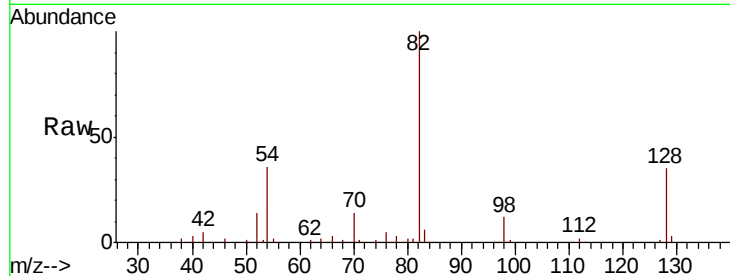
#23
Nitrobenzene-d5
Concen: 93.679 ng
RT: 8.67 min Scan# 966
Delta R.T. -0.02 min
Lab File: BM020049.D
Acq: 23 Apr 2019 22:45

Instrument :
BNA_M
ClientSampleId :
FB

Tot Ion	Ratio	Resp	Lower	Upper
82	100	678223		
128	35.2		29.0	43.4
54	36.5		30.2	45.4

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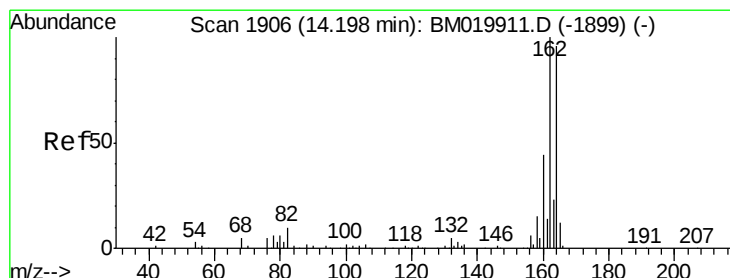
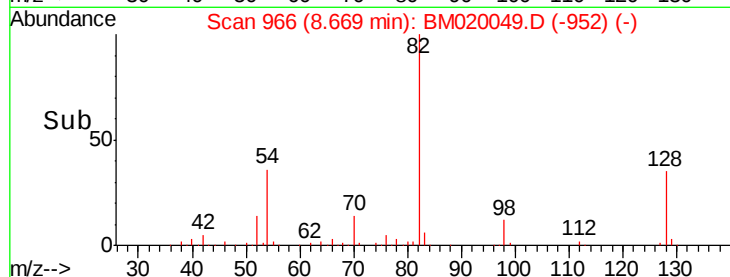
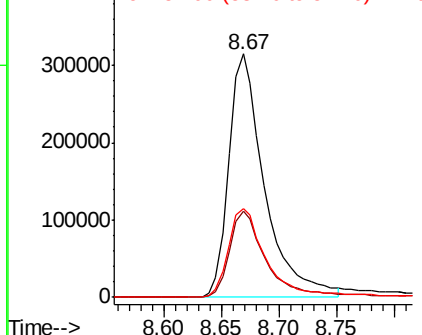


Abundance

Ion 82.00 (81.70 to 82.70): BM019911.D (-964) (-)

Ion 128.00 (127.70 to 128.70): BM019911.D (-964) (-)

Ion 54.00 (53.70 to 54.70): BM019911.D (-964) (-)



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.16 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BM020049.D
Acq: 23 Apr 2019 22:45

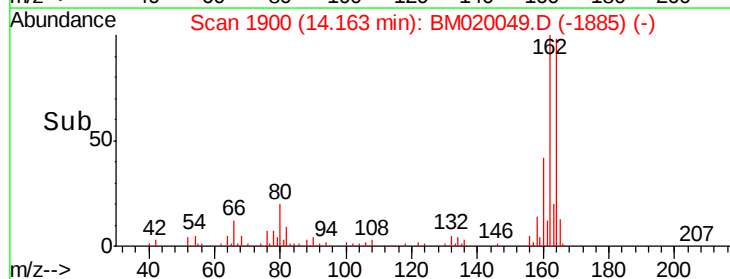
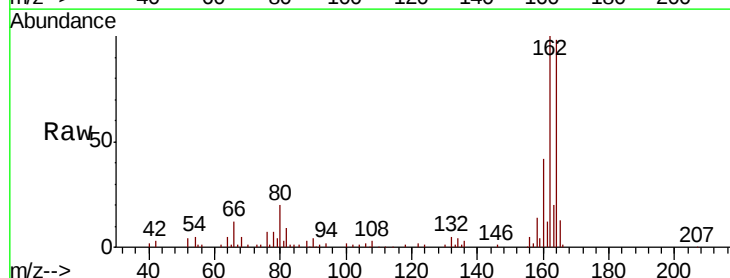
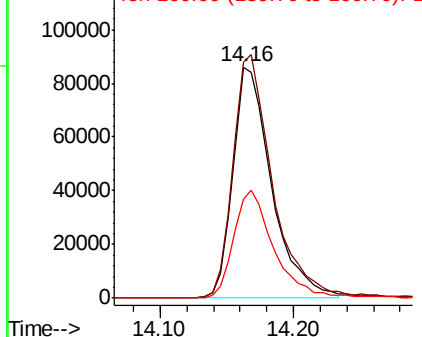
Tgt Ion	Ratio	Resp	Lower	Upper
164	100	173353		
162	102.3		83.0	124.4
160	42.8		36.6	55.0

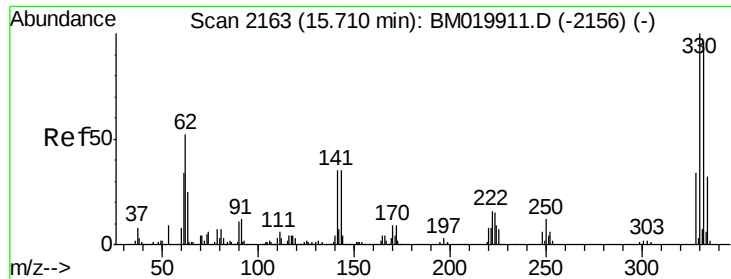
Abundance

Ion 164.00 (163.70 to 164.70): BM019911.D (-1899) (-)

Ion 162.00 (161.70 to 162.70): BM019911.D (-1899) (-)

Ion 160.00 (159.70 to 160.70): BM019911.D (-1899) (-)





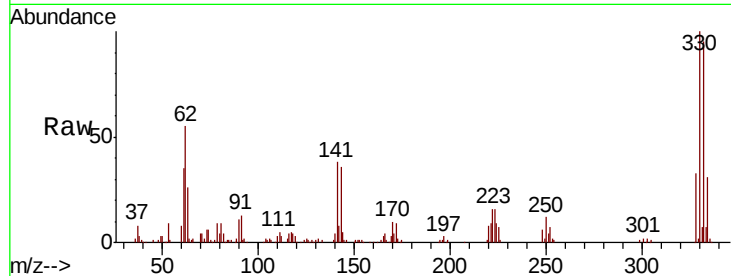
#42
 2,4,6-Tribromophenol
 Concen: 141.266 ng
 RT: 15.67 min Scan# 2157
 Delta R.T. -0.02 min
 Lab File: BM020049.D
 Acq: 23 Apr 2019 22:45

Instrument :
 BNA_M
 ClientSampleID :
 FB

Tot Ion	Ratio	Resp	Lower	Upper
330	100	394203		
332	96.5	77.4	116.2	
141	39.4	29.0	43.4	

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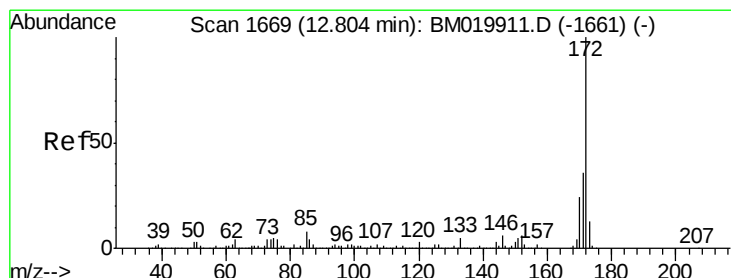
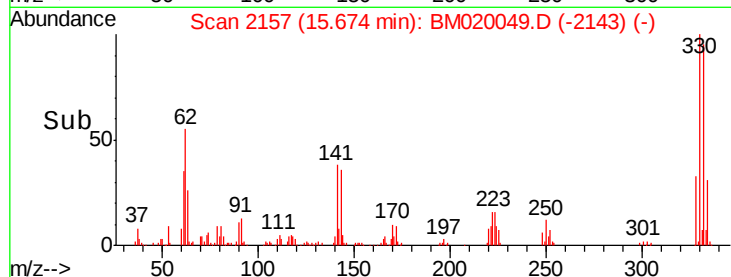
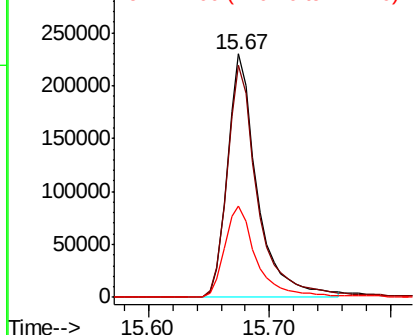


Abundance

Ion 329.80 (329.50 to 330.50): E

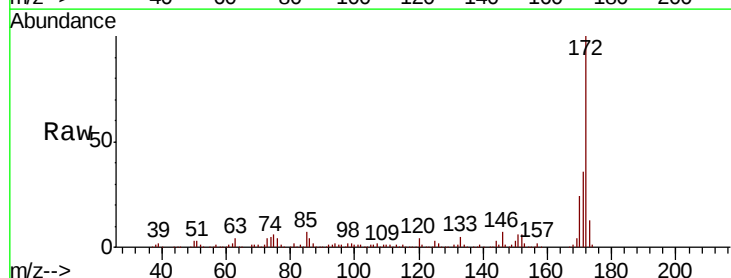
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 99.898 ng
 RT: 12.76 min Scan# 1662
 Delta R.T. -0.02 min
 Lab File: BM020049.D
 Acq: 23 Apr 2019 22:45

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1389598		
171	36.3	28.9	43.3	
170	23.9	19.0	28.4	

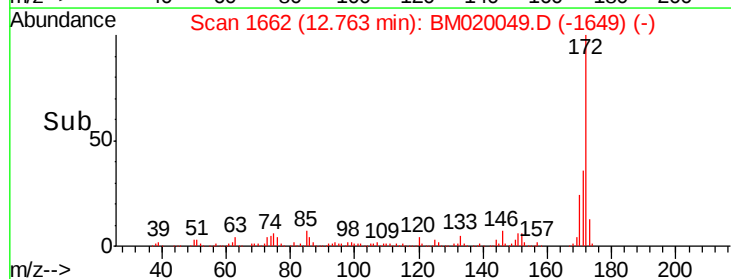
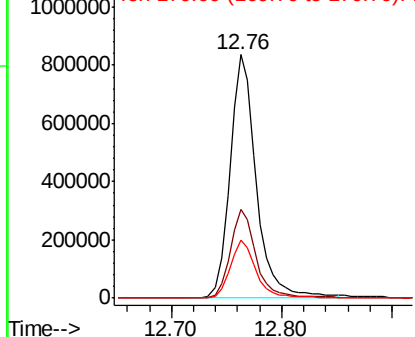


Abundance

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





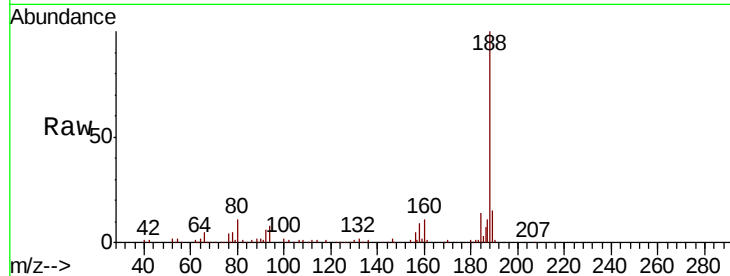
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.93 min Scan# 2371
Delta R.T. -0.01 min
Lab File: BM020049.D
Acq: 23 Apr 2019 22:45

Instrument :
BNA_M
ClientSampled :
FB

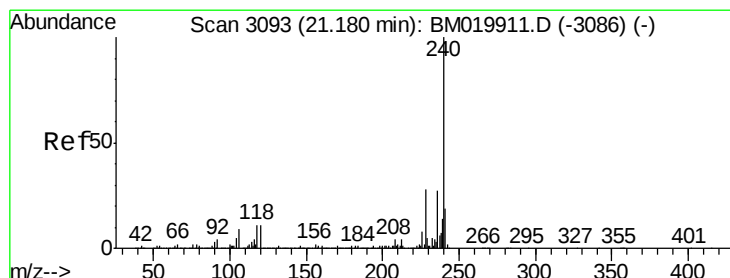
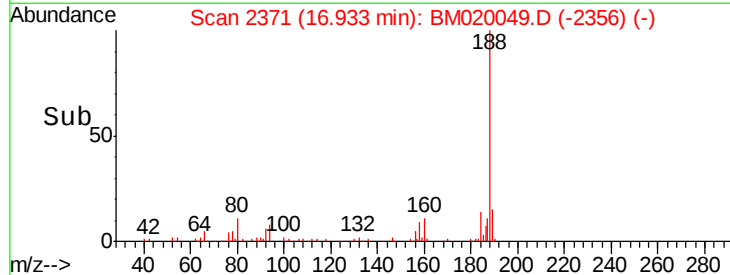
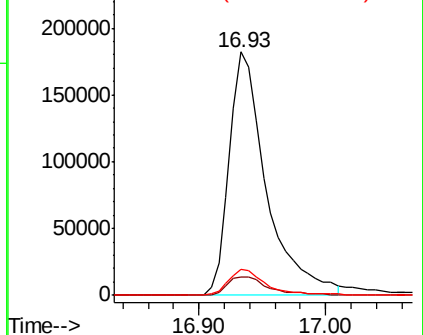
Tot Ion	Ratio	Resp	Lower	Upper
188	100	371993		
94	7.8		7.6	11.4
80	10.6		9.4	14.0

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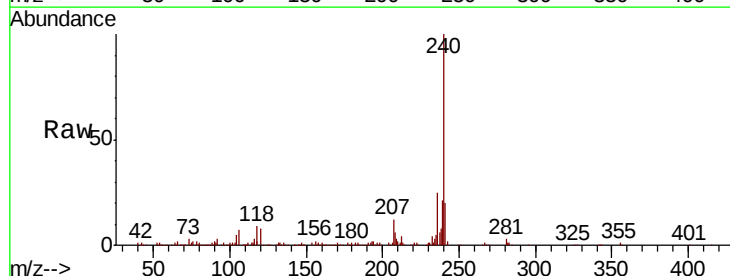


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

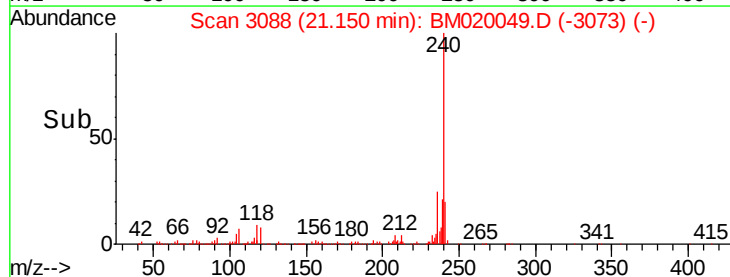
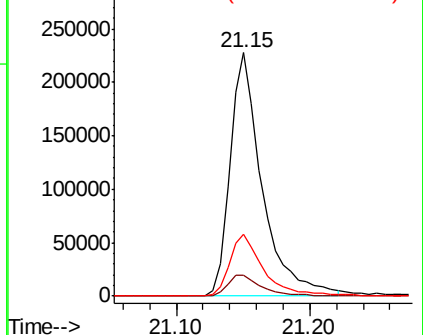


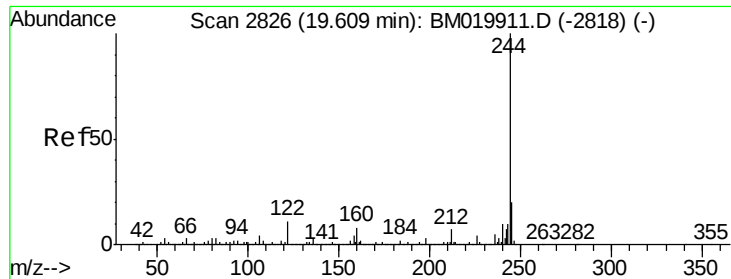
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.15 min Scan# 3088
Delta R.T. -0.01 min
Lab File: BM020049.D
Acq: 23 Apr 2019 22:45

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	380987		
120	8.5		8.6	13.0#
236	25.5		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





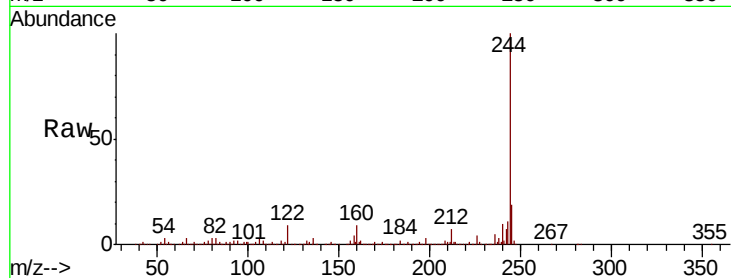
#79
 Terphenyl-d14
 Concen: 107.750 ng
 RT: 19.57 min Scan# 2820
 Delta R.T. -0.02 min
 Lab File: BM020049.D
 Acq: 23 Apr 2019 22:45

Instrument :
 BNA_M
 ClientSampled :
 FB

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.7	8.5
122	9.5	9.1	13.7

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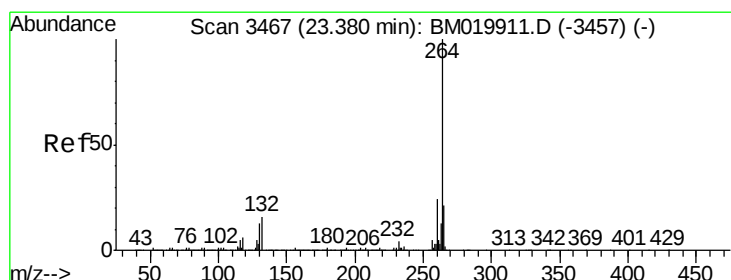
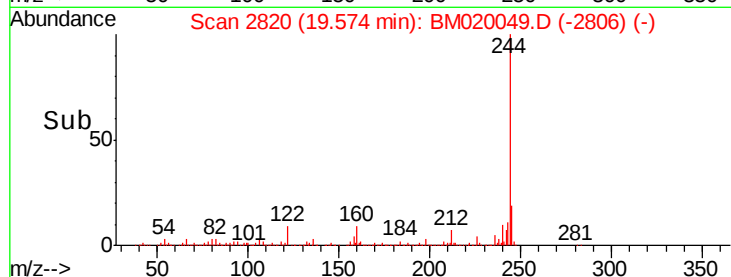
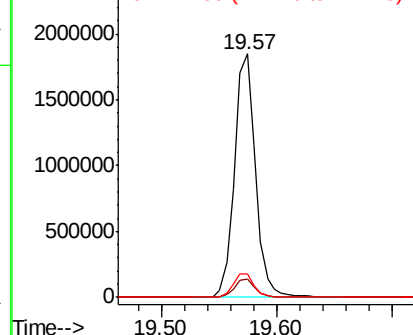


Abundance

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
 RT: 23.33 min Scan# 3458
 Delta R.T. -0.02 min
 Lab File: BM020049.D
 Acq: 23 Apr 2019 22:45

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	22.5	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

