

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM071020\
 Data File : BM026731.D
 Acq On : 10 Jul 2020 13:21
 Operator : JU/CG
 Sample : L3187-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SU-02-070720

Quant Time: Jul 10 13:56:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 10 10:38:33 2020
 Response via : Initial Calibration

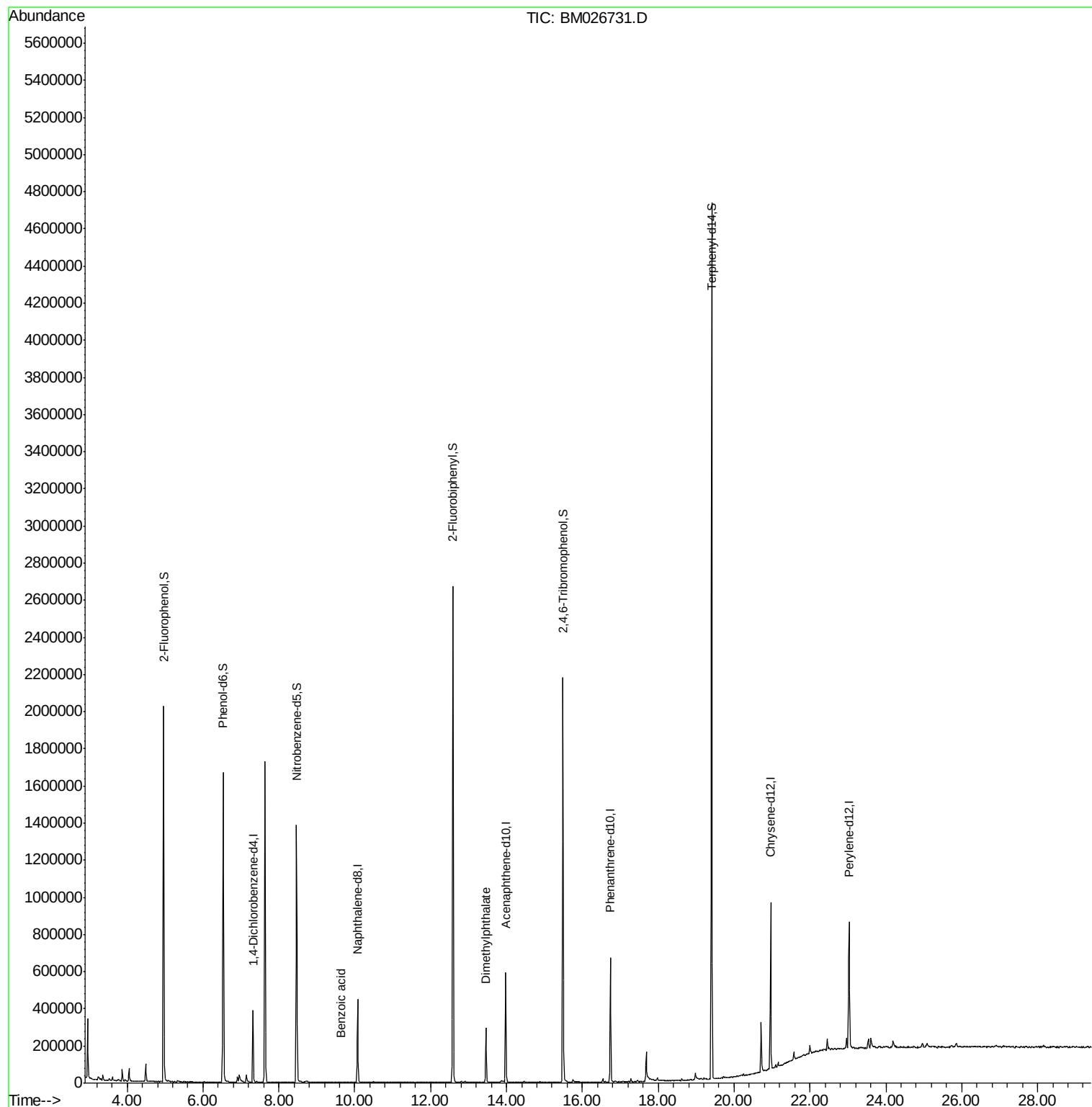
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	85710	20.00	ng	0.00
21) Naphthalene-d8	10.07	136	307198	20.00	ng	0.00
39) Acenaphthene-d10	13.98	164	170454	20.00	ng	0.00
64) Phenanthrene-d10	16.74	188	352340	20.00	ng	0.00
76) Chrysene-d12	20.96	240	387002	20.00	ng	0.00
86) Perylene-d12	23.03	264	421839	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.96	112	663130	129.68	ng	0.00
7) Phenol-d6	6.53	99	746933	91.68	ng	0.00
23) Nitrobenzene-d5	8.47	82	686341	95.32	ng	0.00
42) 2,4,6-Tribromophenol	15.49	330	316523	127.48	ng	0.00
45) 2-Fluorobiphenyl	12.59	172	1212625	94.59	ng	0.00
79) Terphenyl-d14	19.41	244	2023819	102.92	ng	0.00
Target Compounds						
32) Benzoic acid	9.63	122	189	7.140	ng	Qvalue # 32
50) Dimethylphthalate	13.46	163	163454	11.211	ng	99

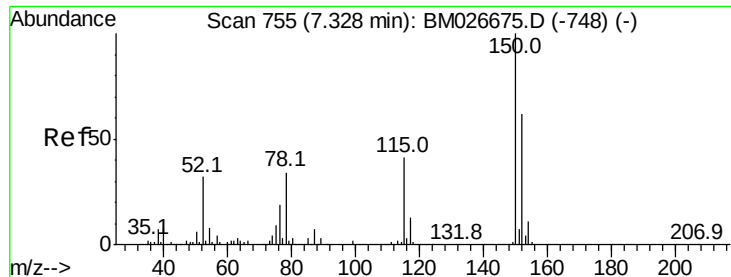
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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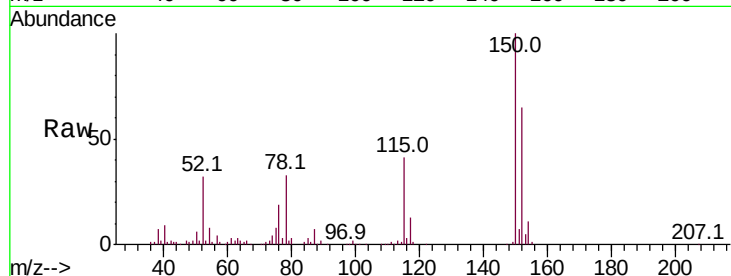


#1

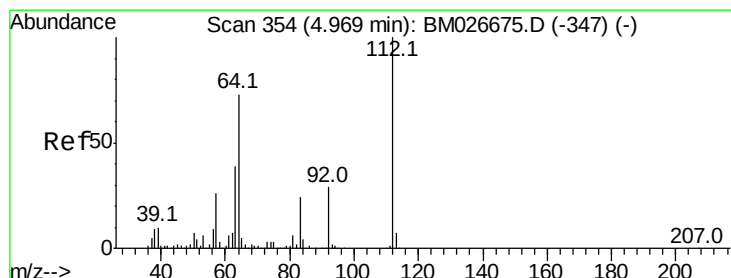
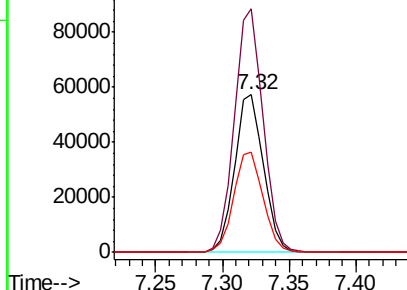
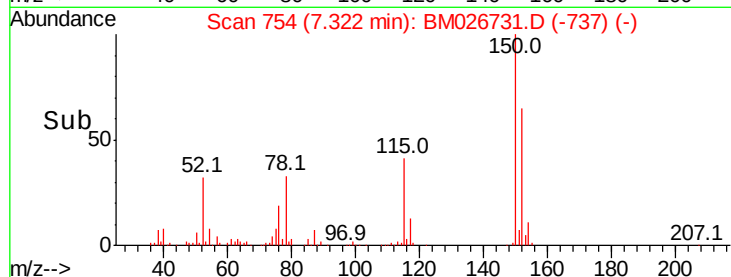
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.32 min Scan# 754
Delta R.T. -0.00 min
Lab File: BM026731.D
Acq: 10 Jul 2020 13:21

Instrument :
BNA_M
ClientSampleId :
SU-02-070720

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	128.1	192.1
115	63.7	52.2	78.4



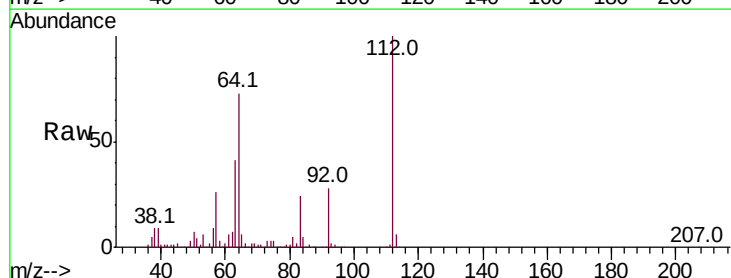
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



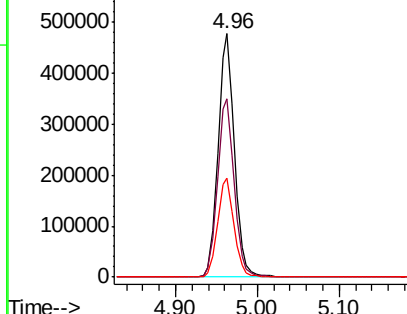
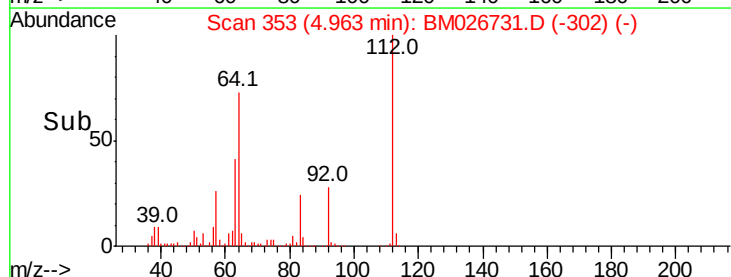
#5

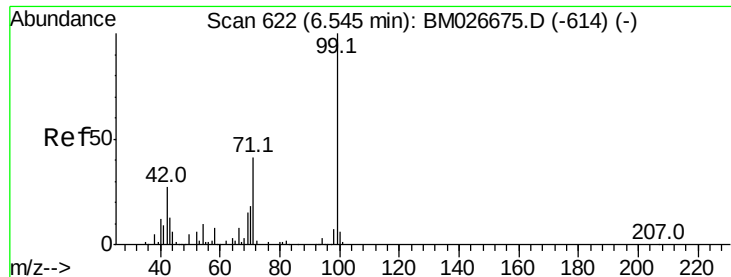
2-Fluorophenol
Concen: 129.678 ng
RT: 4.96 min Scan# 353
Delta R.T. -0.00 min
Lab File: BM026731.D
Acq: 10 Jul 2020 13:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.4	58.4	87.6
63	40.7	31.5	47.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 91.678 ng

RT: 6.53 min Scan# 620

Delta R.T. -0.00 min

Lab File: BM026731.D

Acq: 10 Jul 2020 13:21

Instrument :

BNA_M

ClientSampleId :

SU-02-070720

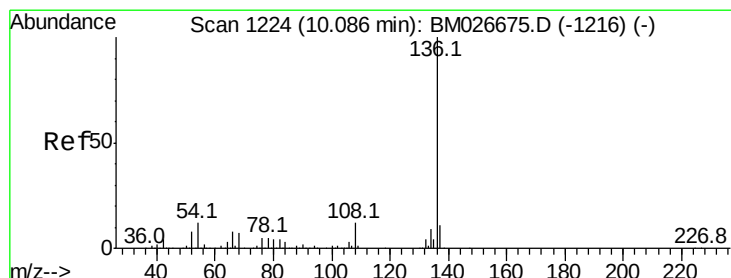
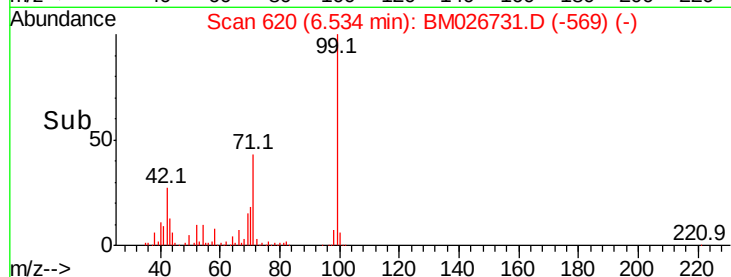
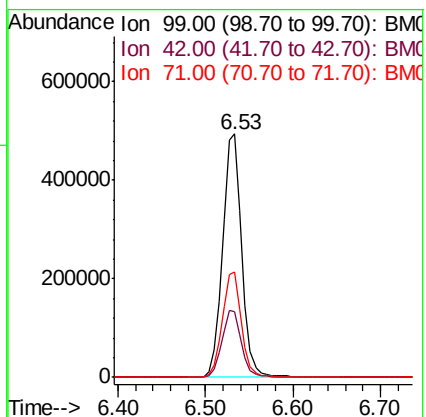
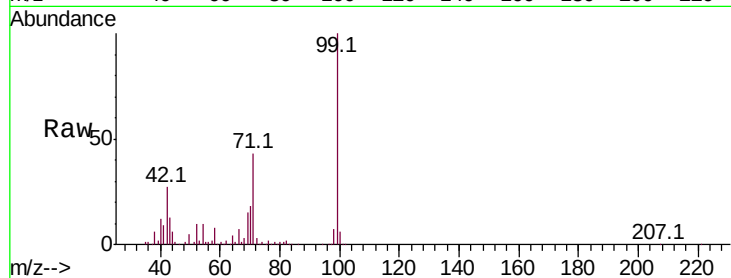
Tot Ion: 99 Resp: 746933

Ion Ratio Lower Upper

99 100

42 27.2 21.7 32.5

71 43.3 33.2 49.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.07 min Scan# 1222

Delta R.T. -0.00 min

Lab File: BM026731.D

Acq: 10 Jul 2020 13:21

Tgt Ion: 136 Resp: 307198

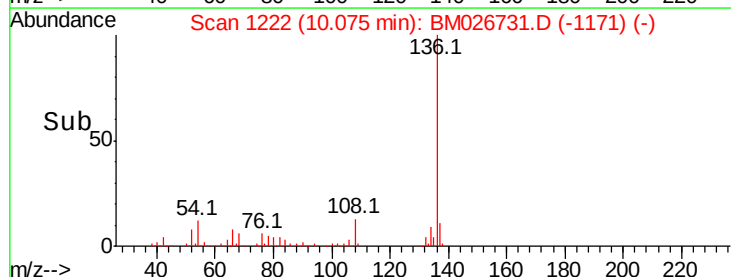
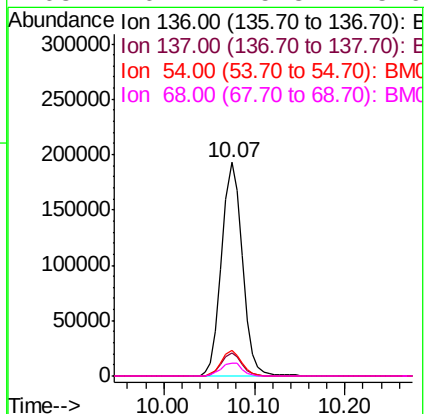
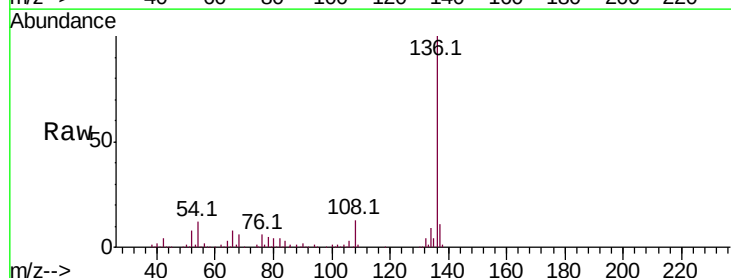
Ion Ratio Lower Upper

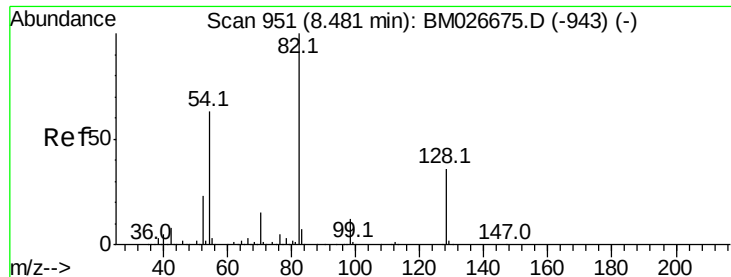
136 100

137 10.8 8.6 12.8

54 12.0 9.8 14.6

68 6.1 5.8 8.6

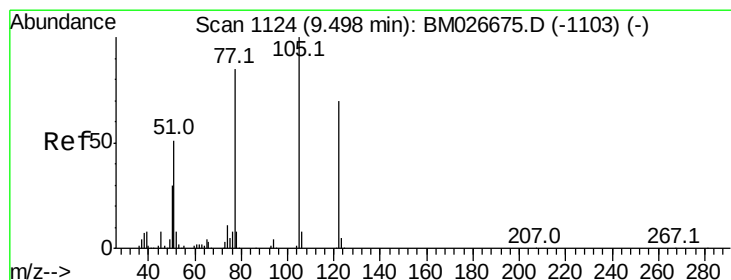
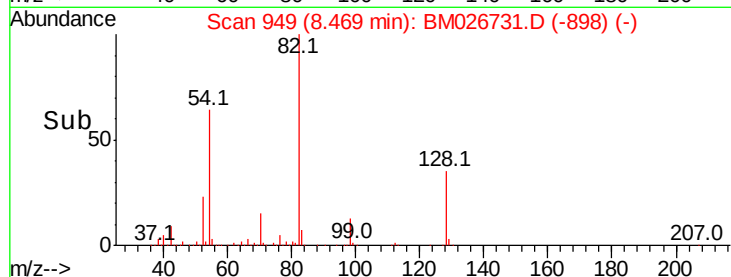
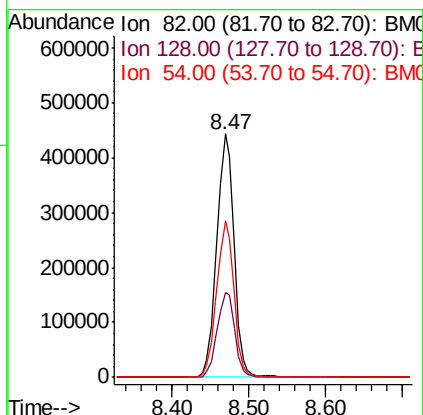
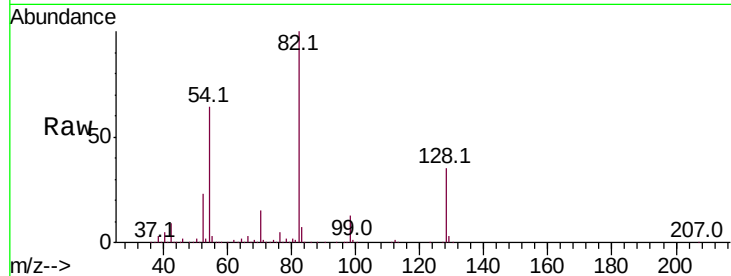




#23
 Nitrobenzene-d5
 Concen: 95.318 ng
 RT: 8.47 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: BM026731.D
 Acq: 10 Jul 2020 13:21

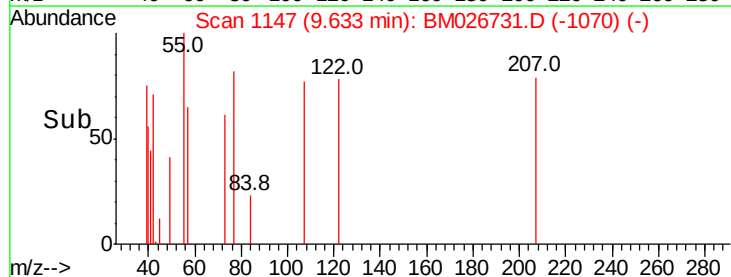
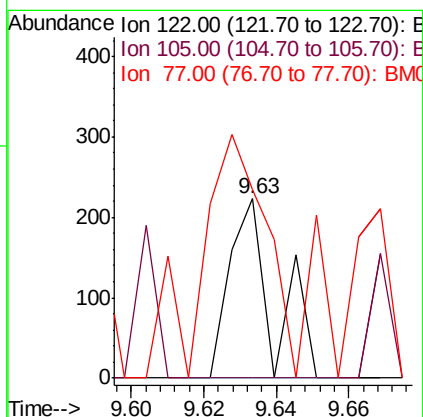
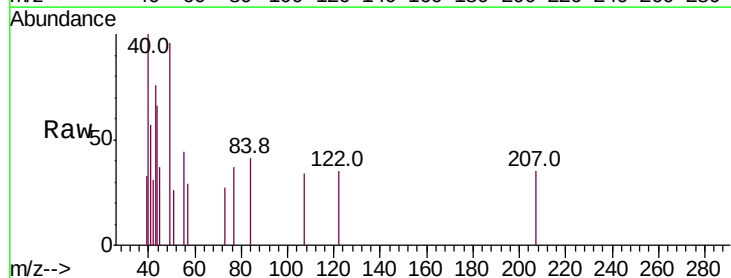
Instrument :
 BNA_M
 ClientSampleId :
 SU-02-070720

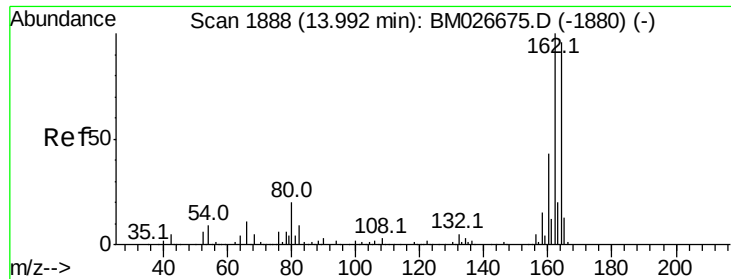
Tot Ion: 82 Resp: 686341
 Ion Ratio Lower Upper
 82 100
 128 34.8 29.1 43.7
 54 64.3 50.2 75.4



#32
 Benzoic acid
 Concen: 7.140 ng
 RT: 9.63 min Scan# 1147
 Delta R.T. 0.15 min
 Lab File: BM026731.D
 Acq: 10 Jul 2020 13:21

Tgt Ion: 122 Resp: 189
 Ion Ratio Lower Upper
 122 100
 105 0.0 120.9 160.9#
 77 105.4 100.0 140.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.98 min Scan# 1886

Delta R.T. -0.01 min

Lab File: BM026731.D

Acq: 10 Jul 2020 13:21

Instrument :

BNA_M

ClientSampleId :

SU-02-070720

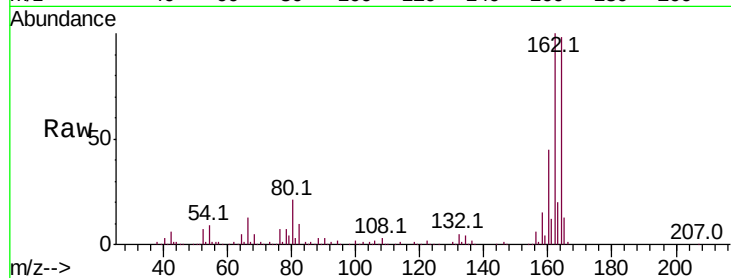
Tot Ion:164 Resp: 170454

Ion Ratio Lower Upper

164 100

162 101.7 83.7 125.5

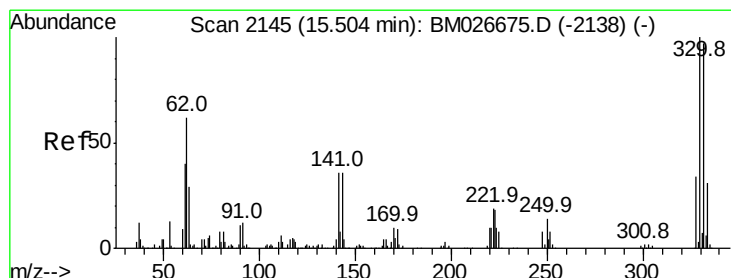
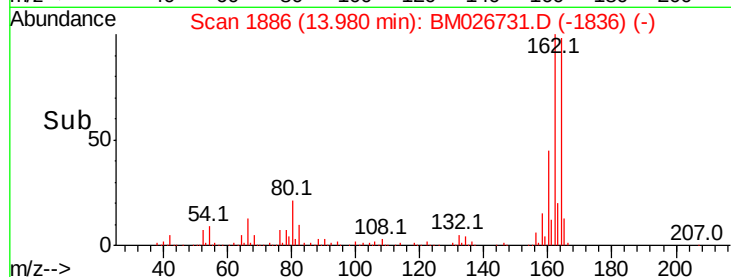
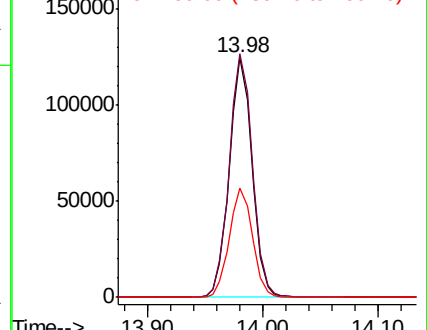
160 45.4 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 127.476 ng

RT: 15.49 min Scan# 2143

Delta R.T. -0.00 min

Lab File: BM026731.D

Acq: 10 Jul 2020 13:21

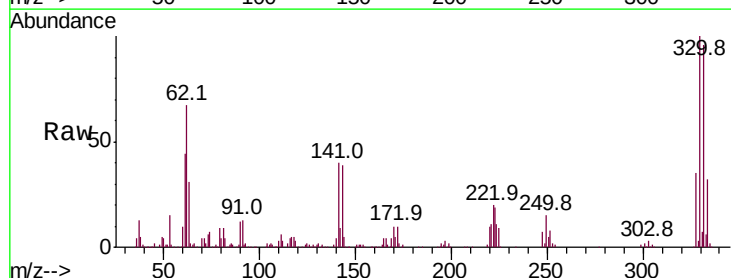
Tgt Ion:330 Resp: 316523

Ion Ratio Lower Upper

330 100

332 96.7 77.5 116.3

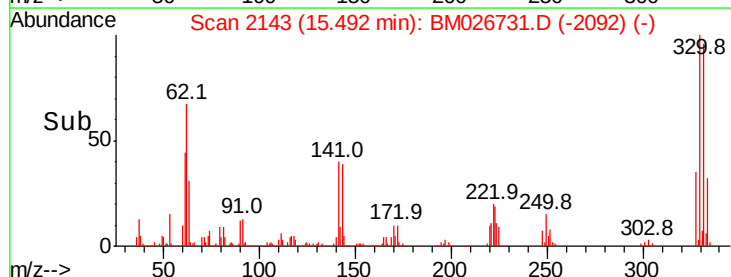
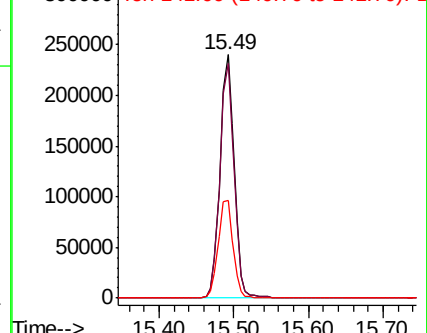
141 41.9 32.4 48.6

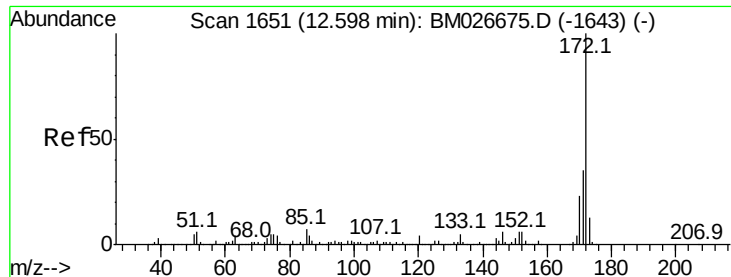


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

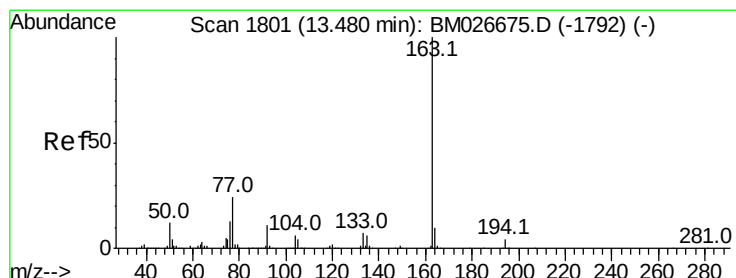
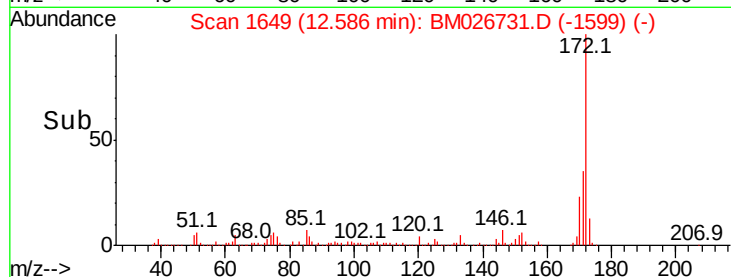
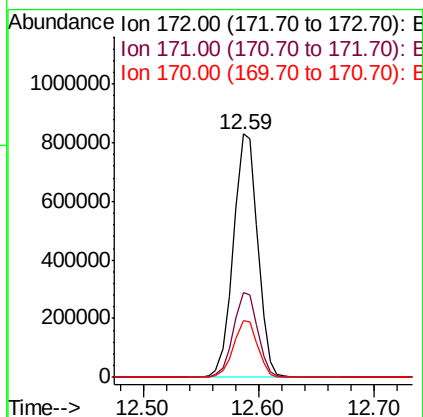
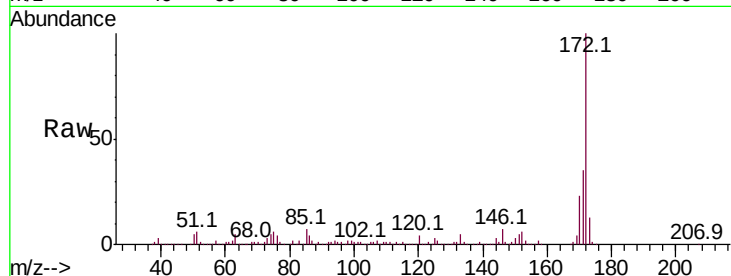




#45
2-Fluorobiphenyl
Concen: 94.591 ng
RT: 12.59 min Scan# 1649
Delta R.T. -0.01 min
Lab File: BM026731.D
Acq: 10 Jul 2020 13:21

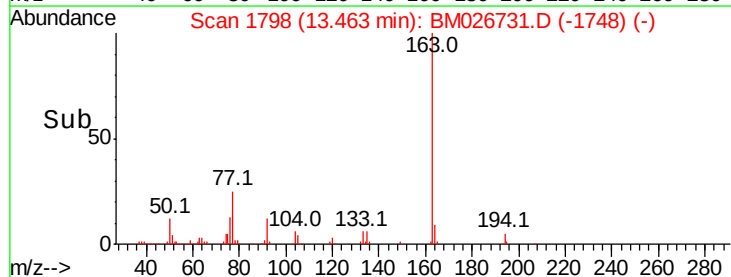
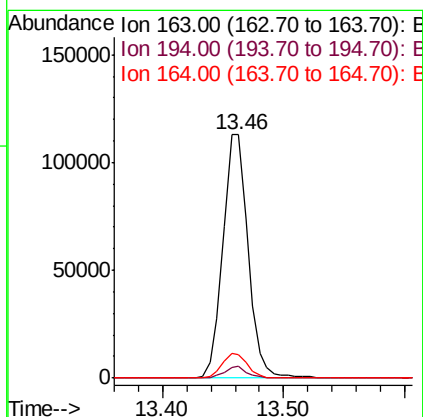
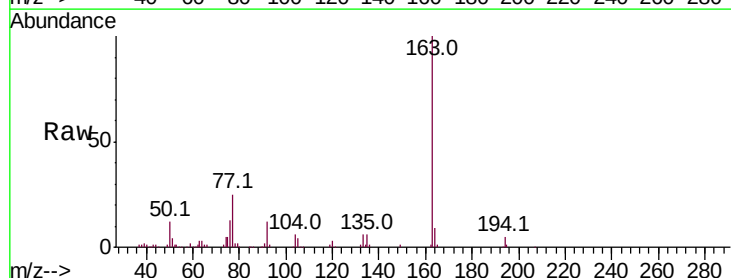
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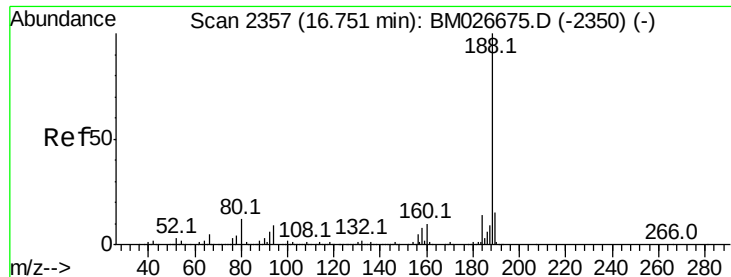
Tot Ion:172 Resp: 1212625
Ion Ratio Lower Upper
172 100
171 35.0 27.8 41.6
170 23.1 18.5 27.7



#50
Dimethylphthalate
Concen: 11.211 ng
RT: 13.46 min Scan# 1798
Delta R.T. -0.01 min
Lab File: BM026731.D
Acq: 10 Jul 2020 13:21

Tgt Ion:163 Resp: 163454
Ion Ratio Lower Upper
163 100
194 4.7 3.4 5.2
164 9.4 7.8 11.6

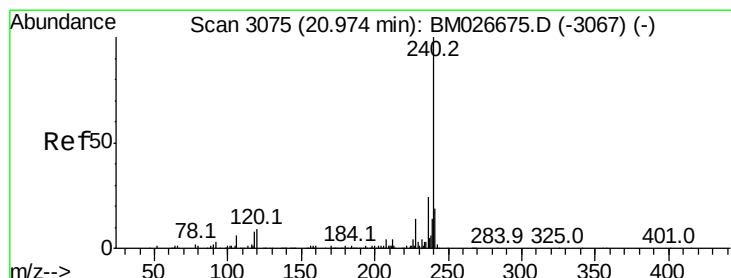
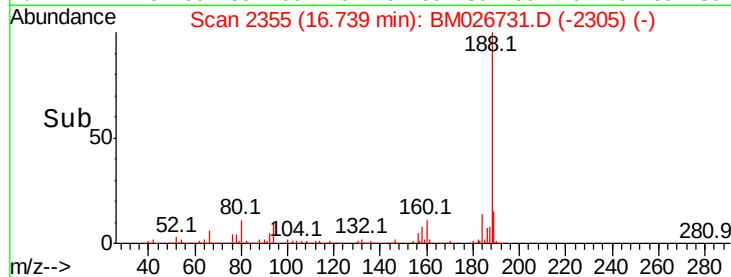
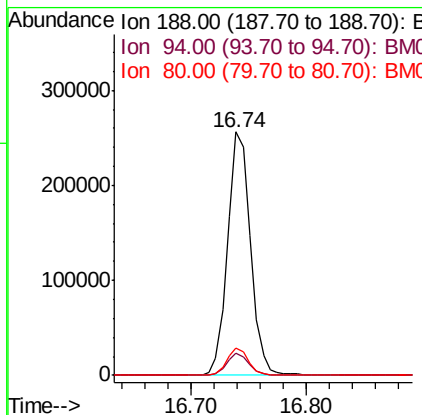
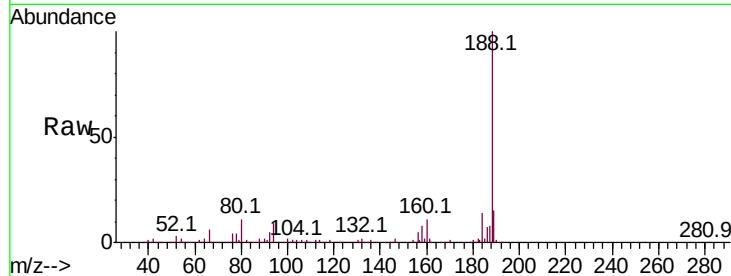




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.74 min Scan# 2355
Delta R.T. -0.01 min
Lab File: BM026731.D
Acq: 10 Jul 2020 13:21

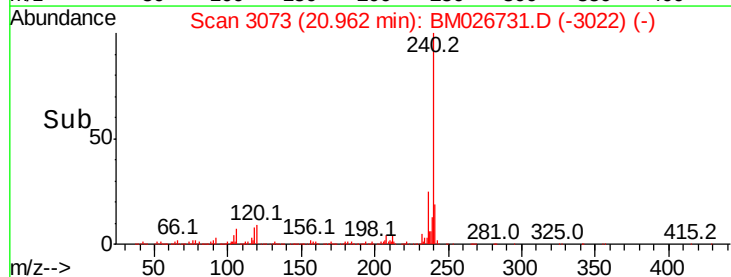
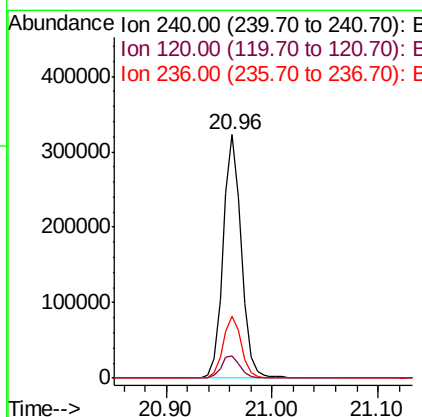
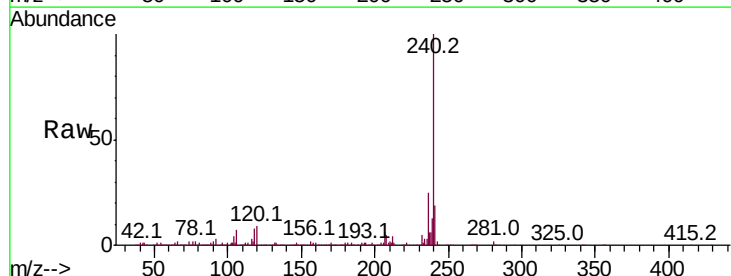
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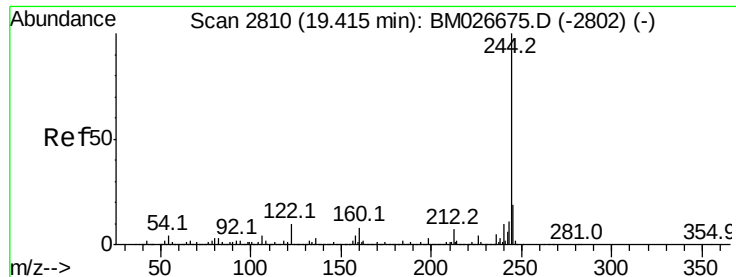
Tot Ion:188 Resp: 352340
Ion Ratio Lower Upper
188 100
94 9.4 7.4 11.0
80 11.4 9.3 13.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 20.96 min Scan# 3073
Delta R.T. -0.00 min
Lab File: BM026731.D
Acq: 10 Jul 2020 13:21

Tgt Ion:240 Resp: 387002
Ion Ratio Lower Upper
240 100
120 9.2 7.3 10.9
236 25.3 19.4 29.2



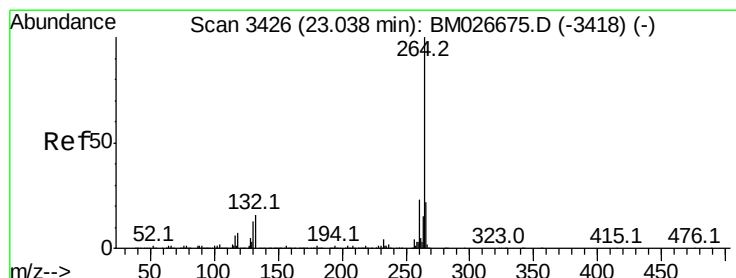
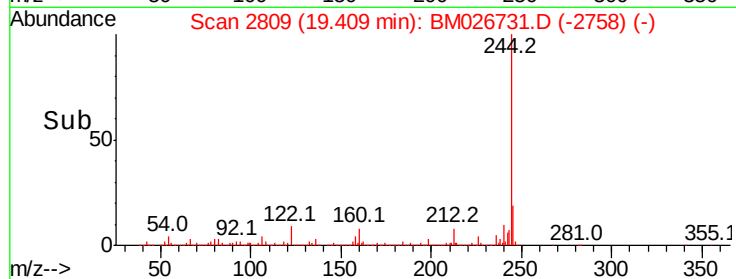
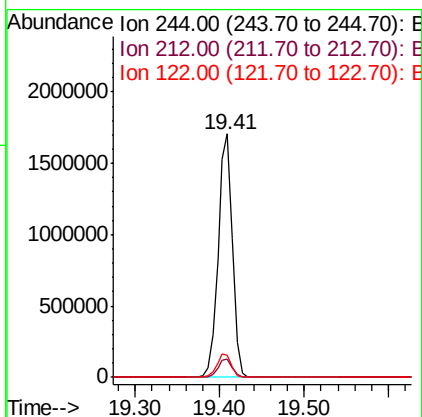
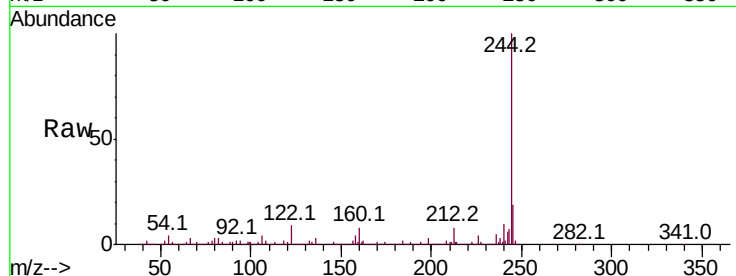


#79
 Terphenyl-d14
 Concen: 102.917 ng
 RT: 19.41 min Scan# 2809
 Delta R.T. -0.00 min
 Lab File: BM026731.D
 Acq: 10 Jul 2020 13:21

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Tot Ion:244 Resp: 2023819

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.9	8.9
122	9.4	8.2	12.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.03 min Scan# 3425
 Delta R.T. -0.00 min
 Lab File: BM026731.D
 Acq: 10 Jul 2020 13:21

Tgt Ion:264 Resp: 421839

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.2	27.2
265	21.5	17.6	26.4

