

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031219\
 Data File : BM019127.D
 Acq On : 13 Mar 2019 01:50
 Operator : JU/SJ
 Sample : K1846-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-1-S

Quant Time: Mar 13 03:58:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 11 17:30:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	231298	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	919156	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	579215	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	1433544	20.00	ng	0.00
76) Chrysene-d12	21.27	240	1562965	20.00	ng	0.00
87) Perylene-d12	23.50	264	1509583	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1577166	110.43	ng	0.00
7) Phenol-d6	6.84	99	1887501	90.35	ng	0.00
23) Nitrobenzene-d5	8.83	82	1679857	86.39	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	1285992	150.37	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	3663649	82.28	ng	0.00
79) Terphenyl-d14	19.71	244	7387516	93.83	ng	0.00

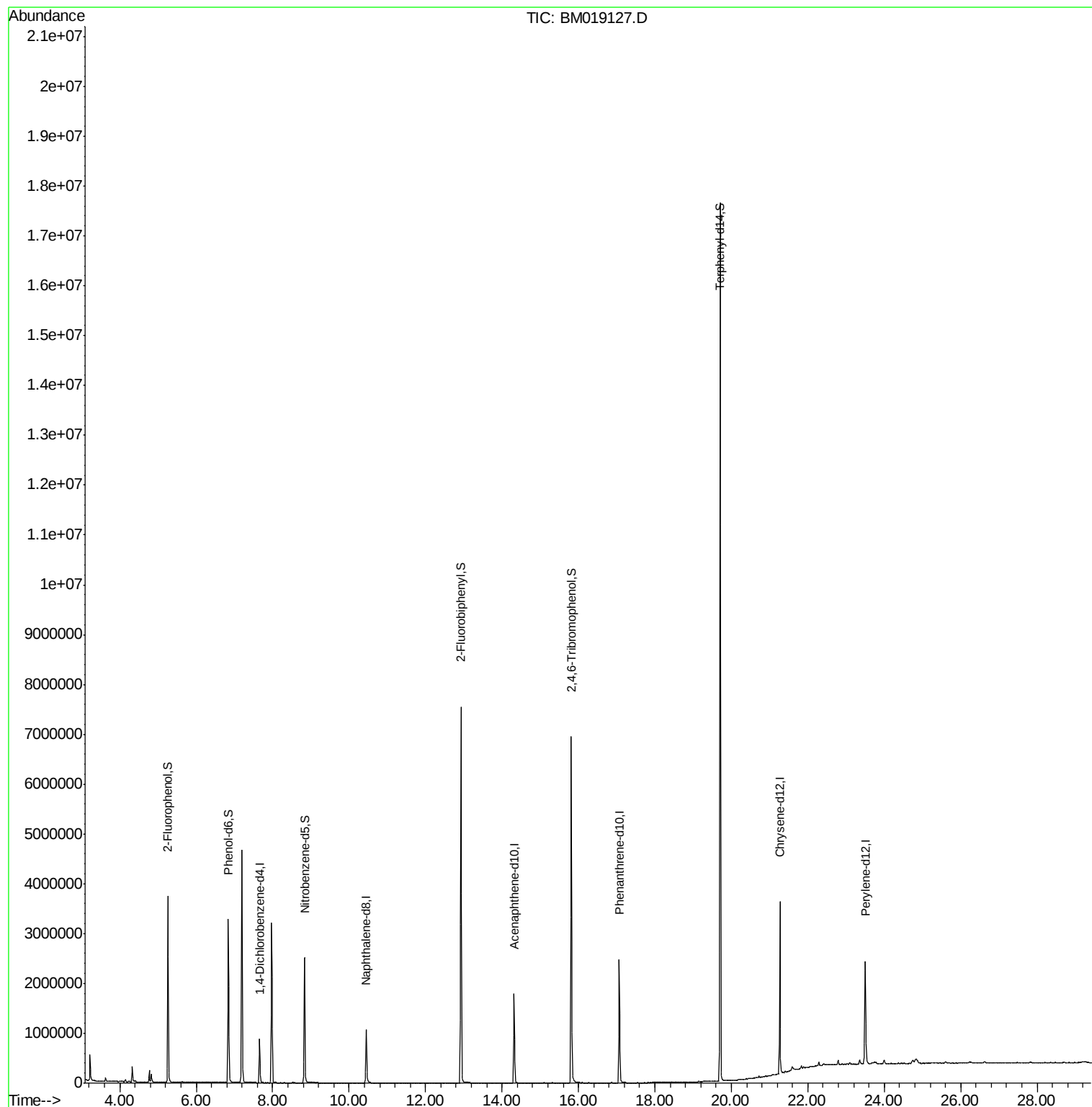
Target Compounds Qvalue

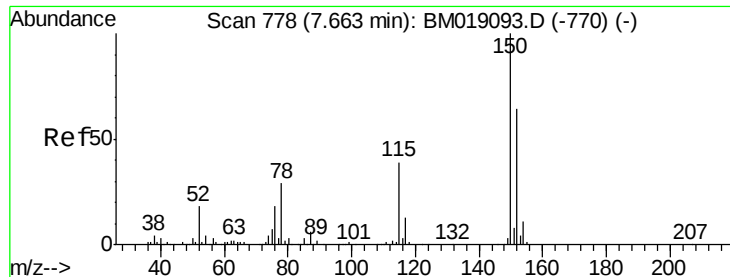
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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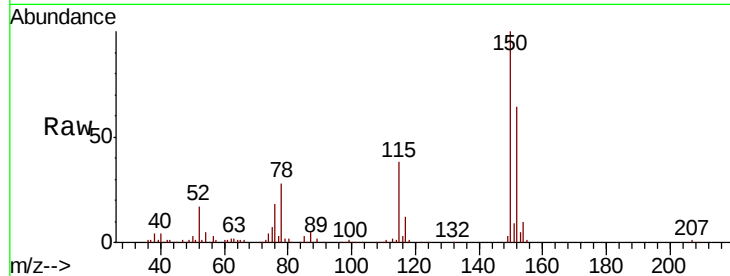


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 778
Delta R.T. 0.00 min
Lab File: BM019127.D
Acq: 13 Mar 2019 01:50

Instrument :
BNA_M
ClientSampleId :
TP-1-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	125.3	187.9
115	59.3	49.4	74.0

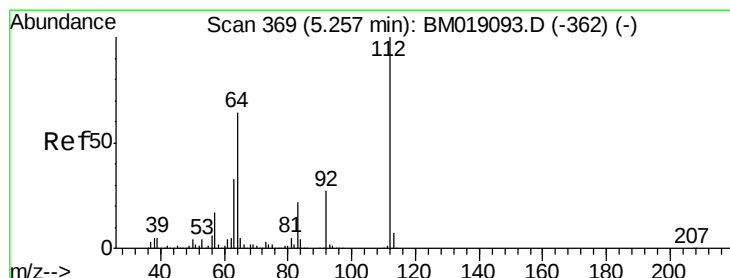
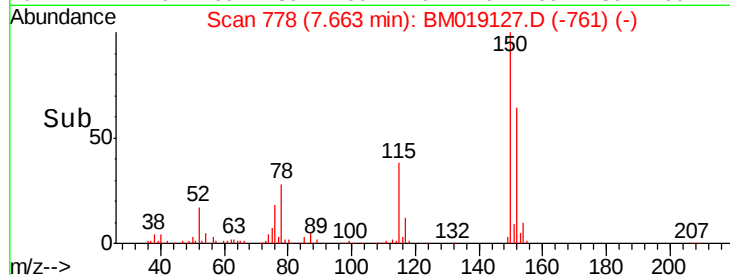
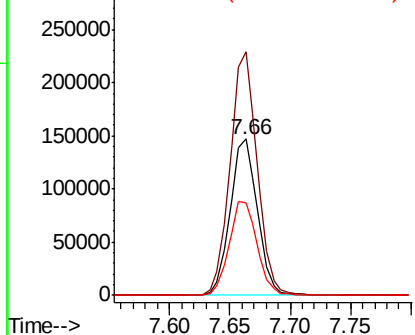


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

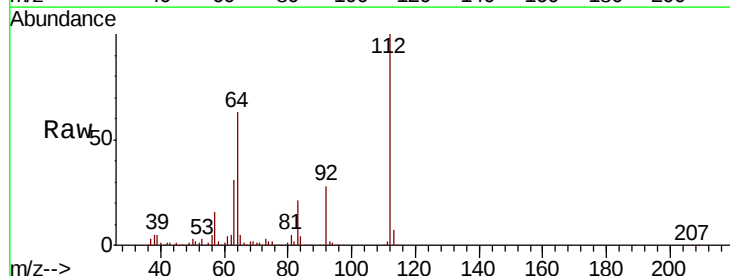
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 110.428 ng
RT: 5.26 min Scan# 370
Delta R.T. 0.01 min
Lab File: BM019127.D
Acq: 13 Mar 2019 01:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.6	51.4	77.0
63	31.5	26.6	40.0

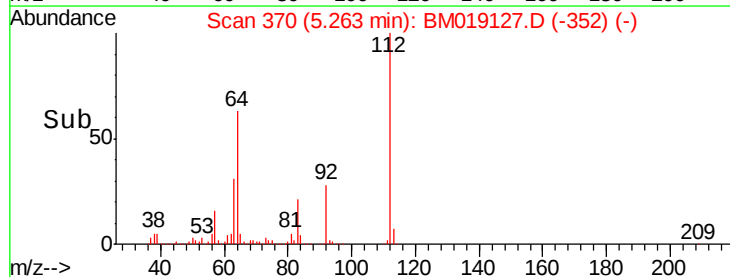
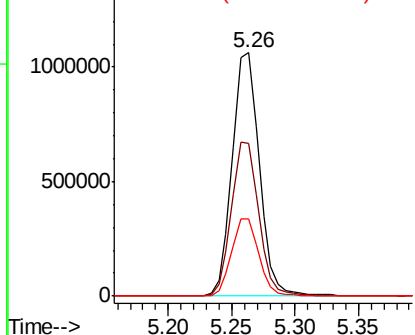


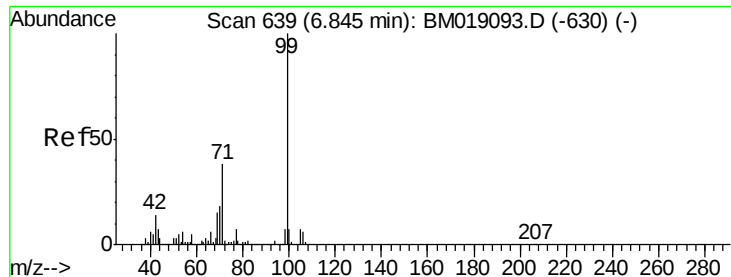
Abundance

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: 90.351 ng

RT: 6.84 min Scan# 638

Delta R.T. -0.01 min

Lab File: BM019127.D

Acq: 13 Mar 2019 01:50

Instrument :

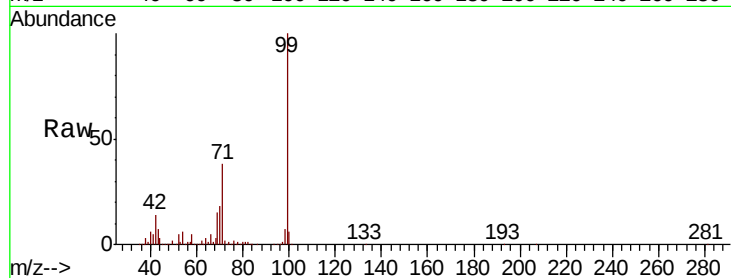
BNA_M

ClientSampleId :

TP-1-S

Tot Ion: 99 Resp: 1887501

Ion	Ratio	Lower	Upper
99	100		
42	13.9	10.9	16.3
71	37.6	30.3	45.5

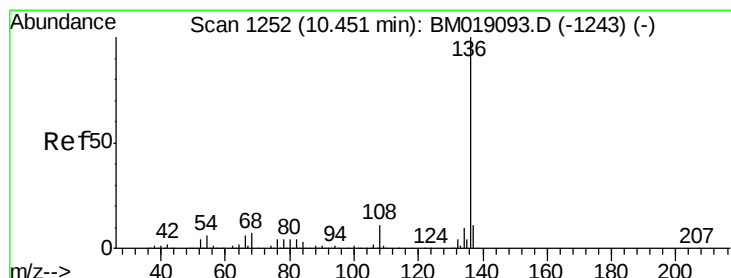
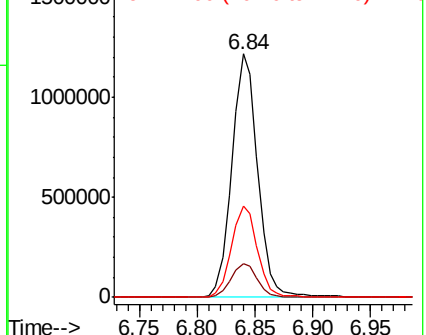
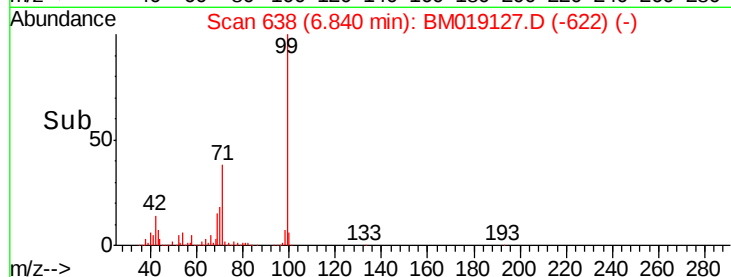


Abundance

Ion 99.00 (98.70 to 99.70): BM019127.D (-622) (-)

Ion 42.00 (41.70 to 42.70): BM019127.D (-622) (-)

Ion 71.00 (70.70 to 71.70): BM019127.D (-622) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.45 min Scan# 1251

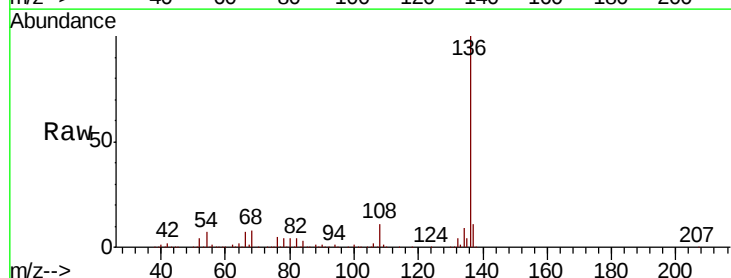
Delta R.T. -0.01 min

Lab File: BM019127.D

Acq: 13 Mar 2019 01:50

Tgt Ion: 136 Resp: 919156

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	6.8	5.2	7.8
68	7.9	5.8	8.8



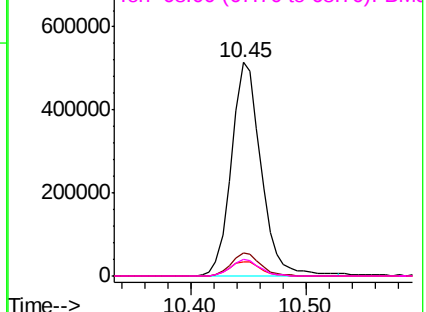
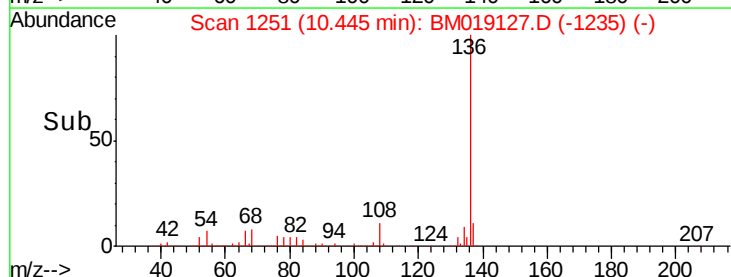
Abundance

Ion 136.00 (135.70 to 136.70): BM019127.D (-1235) (-)

Ion 137.00 (136.70 to 137.70): BM019127.D (-1235) (-)

Ion 54.00 (53.70 to 54.70): BM019127.D (-1235) (-)

Ion 68.00 (67.70 to 68.70): BM019127.D (-1235) (-)



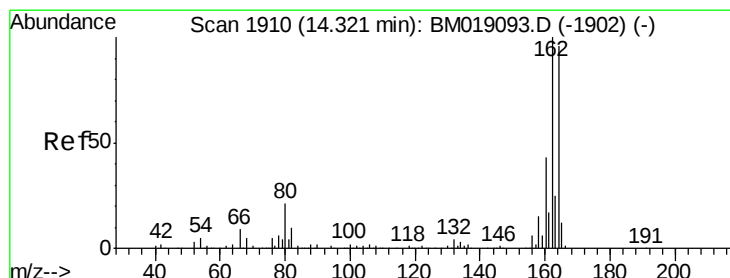
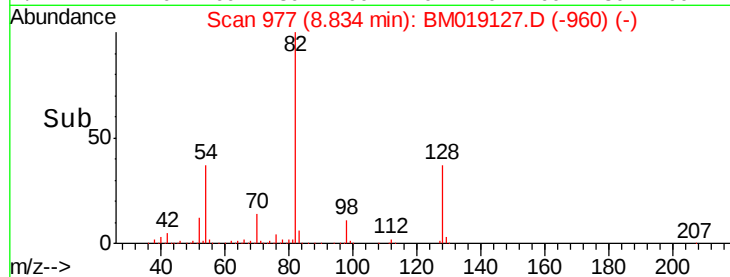
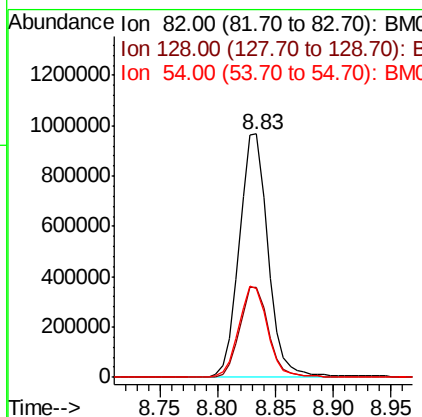
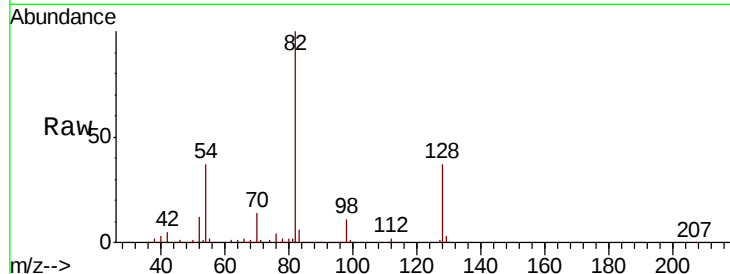


#23
 Nitrobenzene-d5
 Concen: 86.391 ng
 RT: 8.83 min Scan# 977
 Delta R.T. 0.00 min
 Lab File: BM019127.D
 Acq: 13 Mar 2019 01:50

Instrument :
 BNA_M
 ClientSampleId :
 TP-1-S

Tot Ion: 82 Resp: 1679857

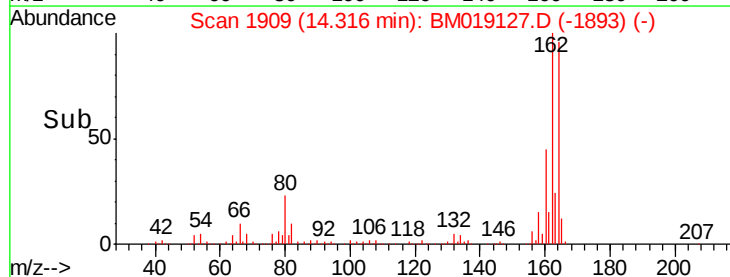
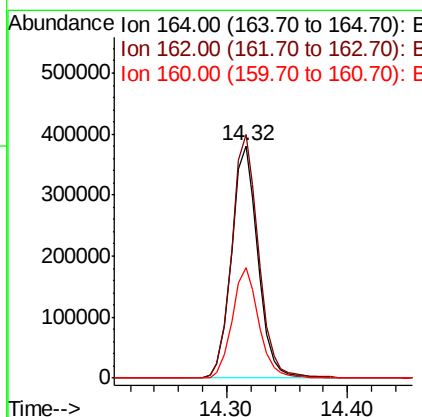
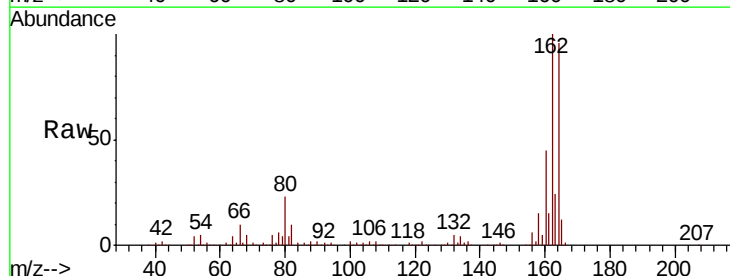
Ion	Ratio	Lower	Upper
82	100		
128	37.2	29.4	44.2
54	36.6	29.9	44.9

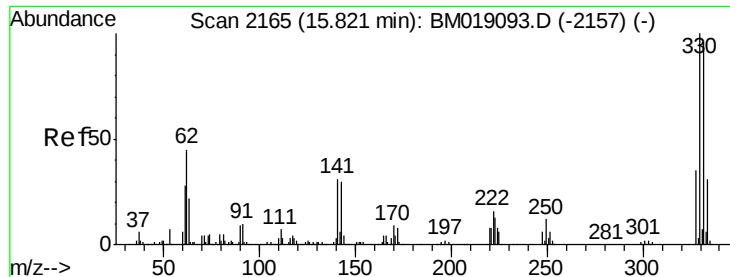


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.32 min Scan# 1909
 Delta R.T. -0.01 min
 Lab File: BM019127.D
 Acq: 13 Mar 2019 01:50

Tgt Ion: 164 Resp: 579215

Ion	Ratio	Lower	Upper
164	100		
162	104.6	83.5	125.3
160	47.3	36.3	54.5





#42

2,4,6-Tribromophenol

Concen: 150.375 ng

RT: 15.82 min Scan# 2164

Delta R.T. -0.01 min

Lab File: BM019127.D

Acq: 13 Mar 2019 01:50

Instrument :

BNA_M

ClientSampleId :

TP-1-S

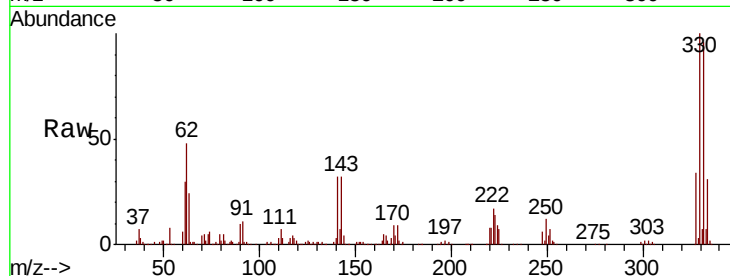
Tot Ion:330 Resp: 1285992

Ion Ratio Lower Upper

330 100

332 97.1 76.8 115.2

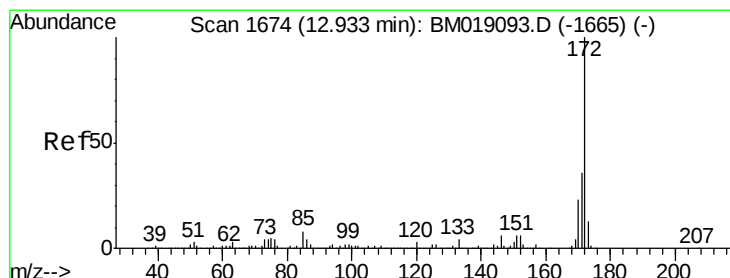
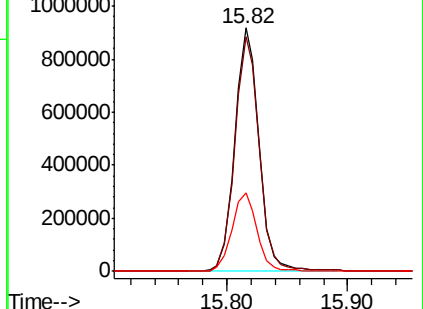
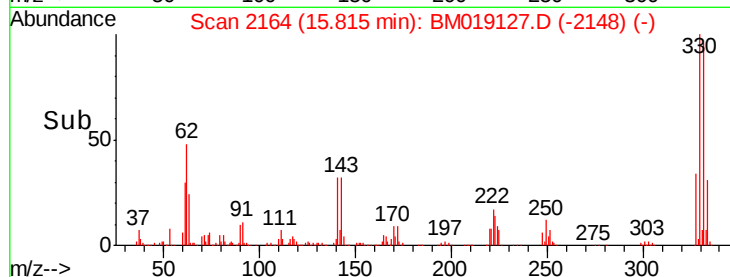
141 33.3 27.0 40.4



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: 82.276 ng

RT: 12.93 min Scan# 1673

Delta R.T. -0.01 min

Lab File: BM019127.D

Acq: 13 Mar 2019 01:50

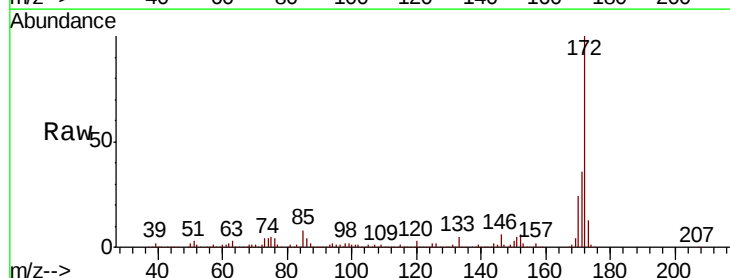
Tgt Ion:172 Resp: 3663649

Ion Ratio Lower Upper

172 100

171 35.7 28.6 42.8

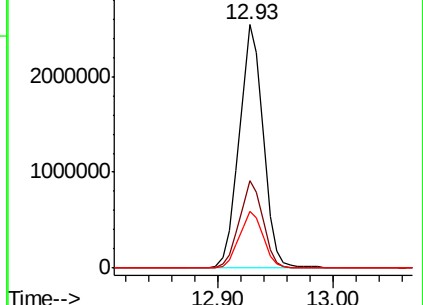
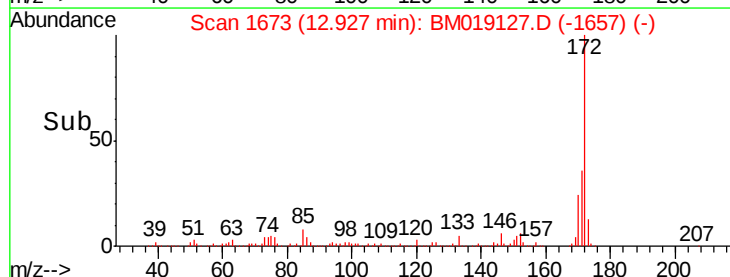
170 23.5 18.6 28.0

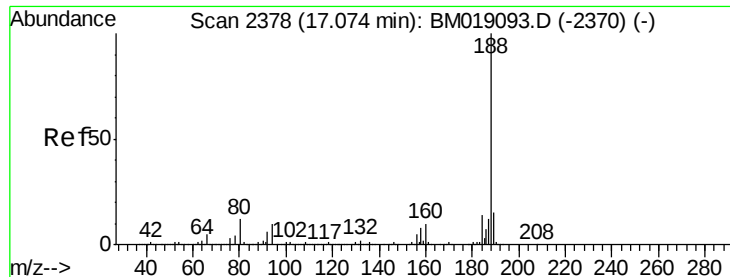


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

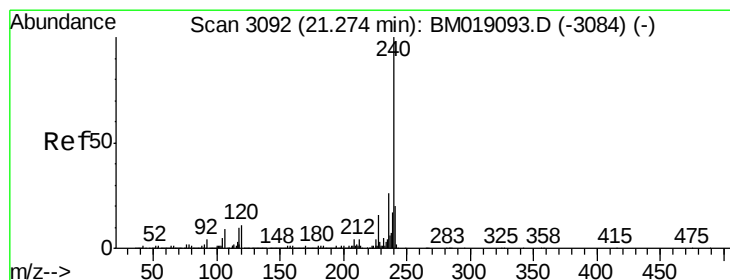
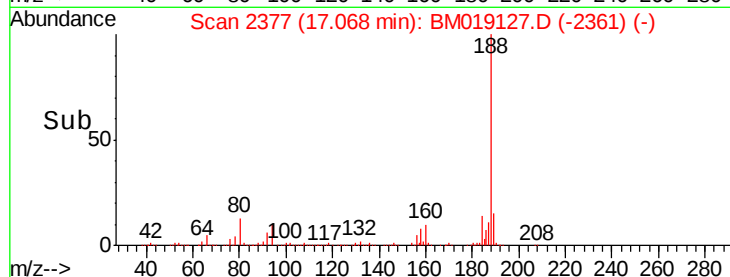
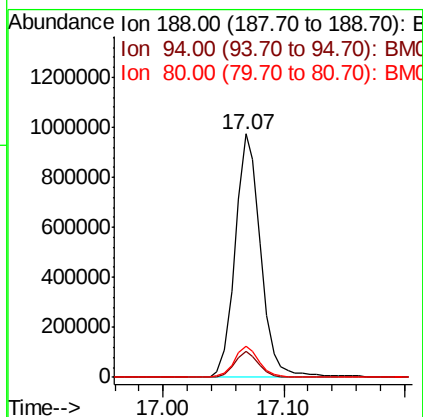
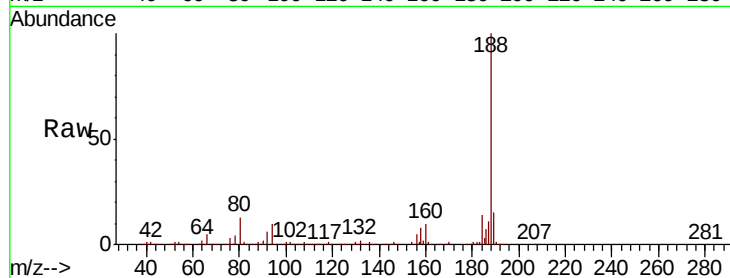




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2377
Delta R.T. -0.01 min
Lab File: BM019127.D
Acq: 13 Mar 2019 01:50

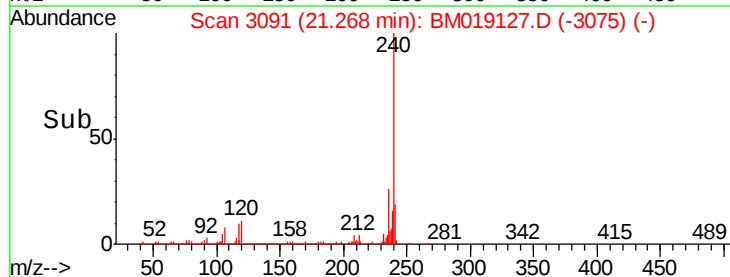
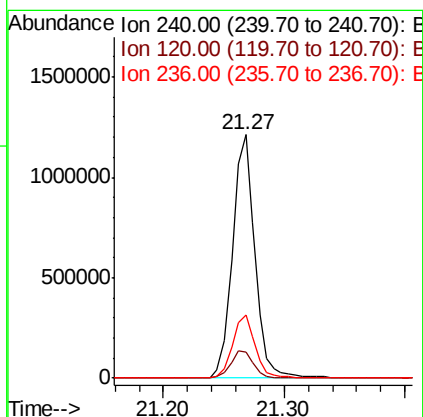
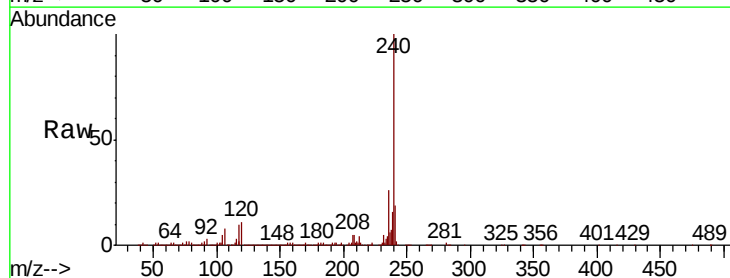
Instrument :
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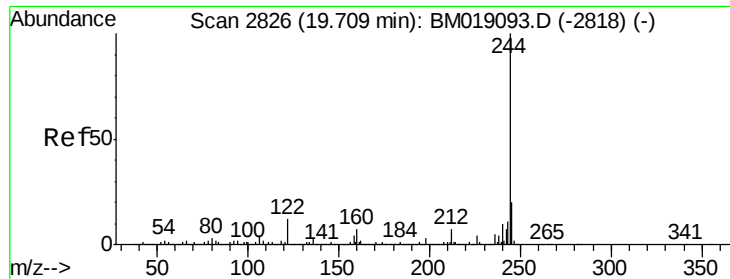
Tot Ion:188 Resp: 1433544
Ion Ratio Lower Upper
188 100
94 10.5 8.1 12.1
80 12.6 9.7 14.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.27 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BM019127.D
Acq: 13 Mar 2019 01:50

Tgt Ion:240 Resp: 1562965
Ion Ratio Lower Upper
240 100
120 10.9 8.9 13.3
236 26.2 21.0 31.4





#79

Terphenyl-d14

Concen: 93.833 ng

RT: 19.71 min Scan# 2826

Delta R.T. 0.00 min

Lab File: BM019127.D

Acq: 13 Mar 2019 01:50

Instrument :

BNA_M

ClientSampleId :

TP-1-S

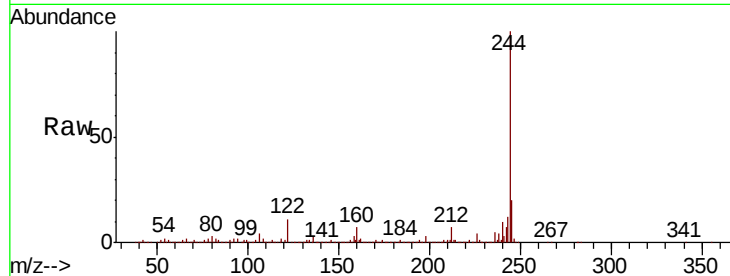
Tot Ion:244 Resp: 7387516

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

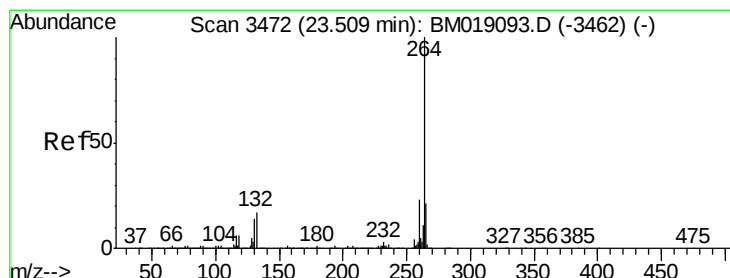
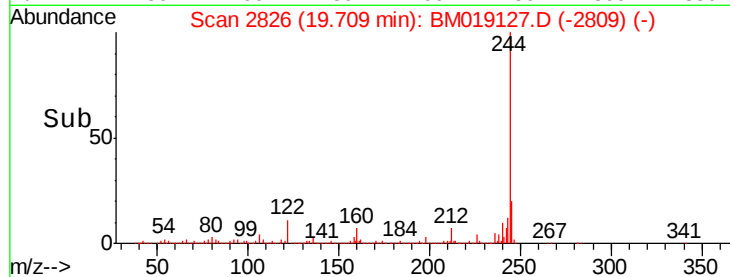
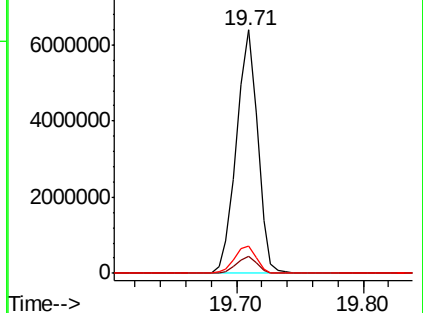
122 11.3 9.4 14.2



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: 23.50 min Scan# 3471

Delta R.T. -0.01 min

Lab File: BM019127.D

Acq: 13 Mar 2019 01:50

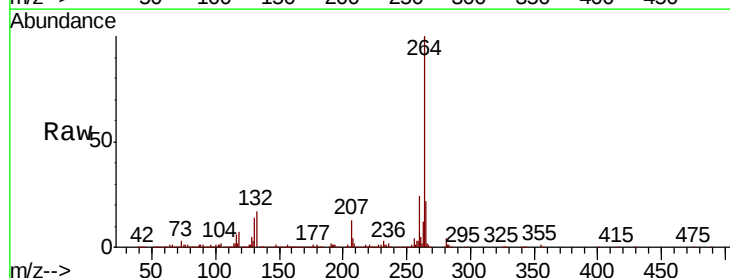
Tgt Ion:264 Resp: 1509583

Ion Ratio Lower Upper

264 100

260 23.5 18.6 28.0

265 21.8 17.3 25.9



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

