

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041919\
 Data File : BM019997.D
 Acq On : 20 Apr 2019 07:54
 Operator : JU/SJ
 Sample : K2475-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-TRACK-8-9

Quant Time: Apr 21 22:08:29 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

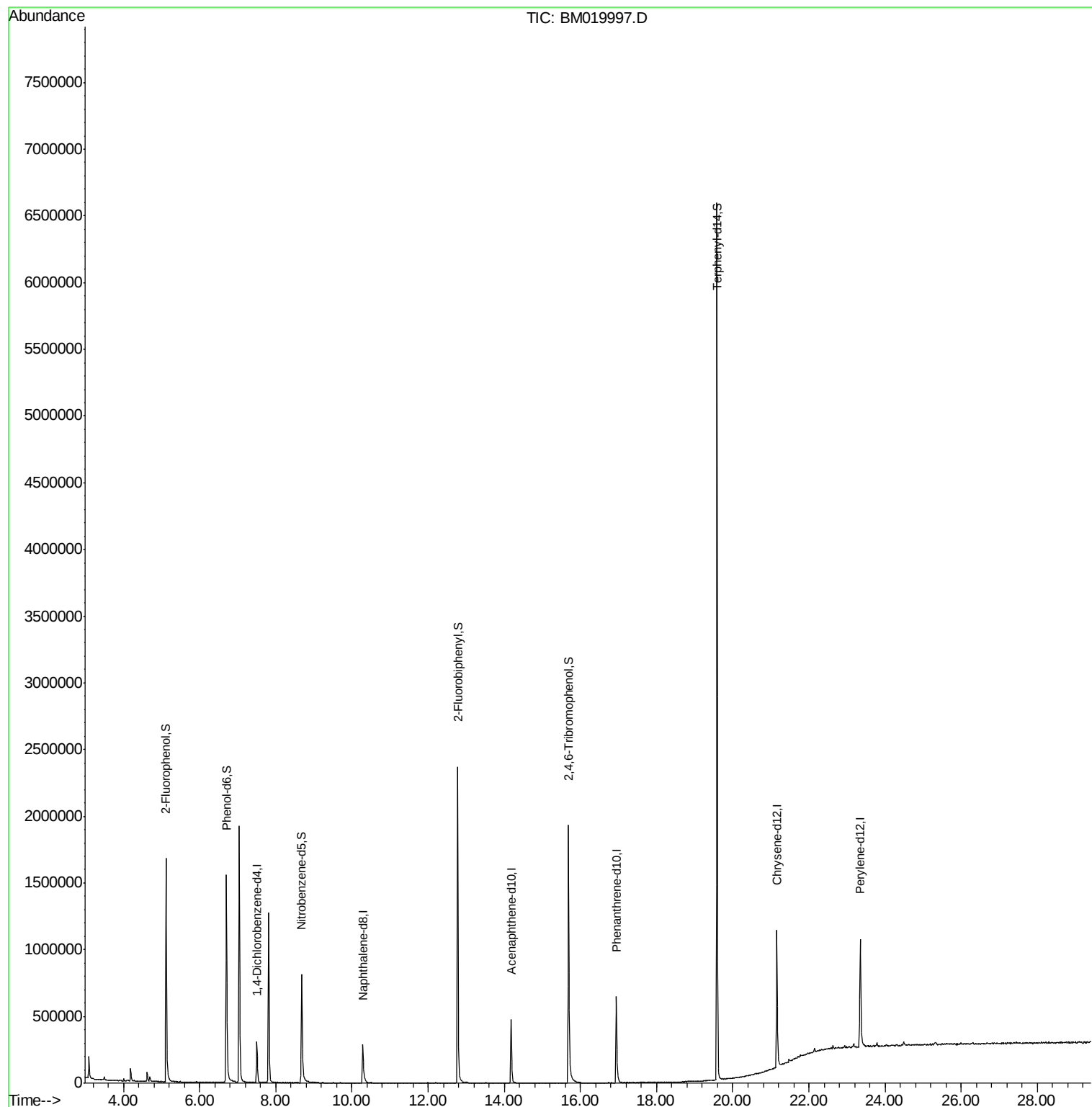
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	78722	20.00	ng	0.00
21) Naphthalene-d8	10.29	136	299045	20.00	ng	0.00
39) Acenaphthene-d10	14.18	164	185294	20.00	ng	0.00
64) Phenanthrene-d10	16.94	188	454538	20.00	ng	0.00
76) Chrysene-d12	21.16	240	514004	20.00	ng	0.00
87) Perylene-d12	23.35	264	643341	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	752771	154.97	ng	0.00
7) Phenol-d6	6.70	99	952366	130.28	ng	0.00
23) Nitrobenzene-d5	8.68	82	627305	93.81	ng	0.00
42) 2,4,6-Tribromophenol	15.69	330	424282	142.25	ng	0.00
45) 2-Fluorobiphenyl	12.78	172	1316457	88.54	ng	0.00
79) Terphenyl-d14	19.59	244	2834667	97.27	ng	0.00
Target Compounds						
9) Benzaldehyde	6.70	77	2674	Below Cal	Qvalue #	7

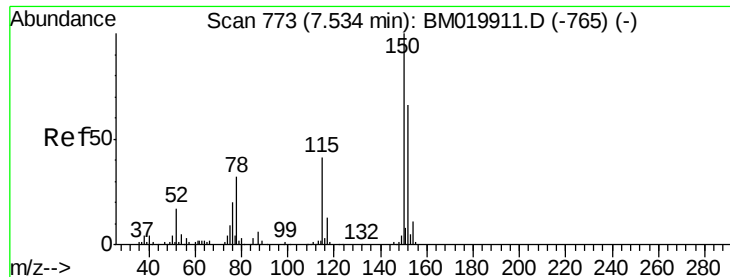
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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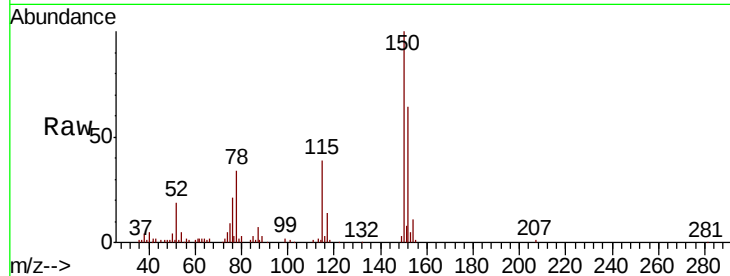


#1

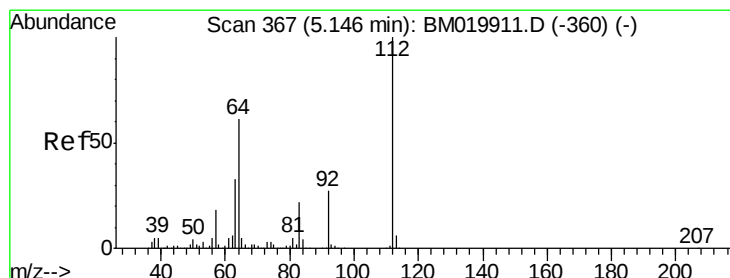
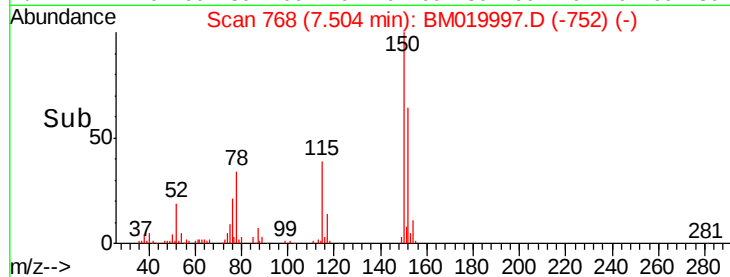
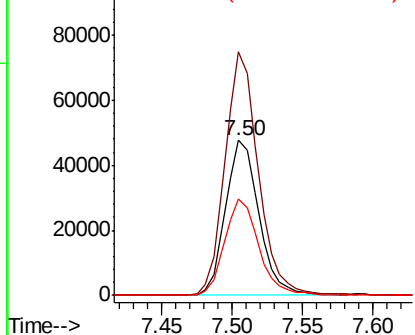
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.50 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: BM019997.D
 Acq: 20 Apr 2019 07:54

Instrument :
 BNA_M
 ClientSampleId :
 TP-TRACK-8-9

Tgt Ion:152 Resp: 78722
 Ion Ratio Lower Upper
 152 100
 150 156.8 122.1 183.1
 115 61.7 50.0 75.0



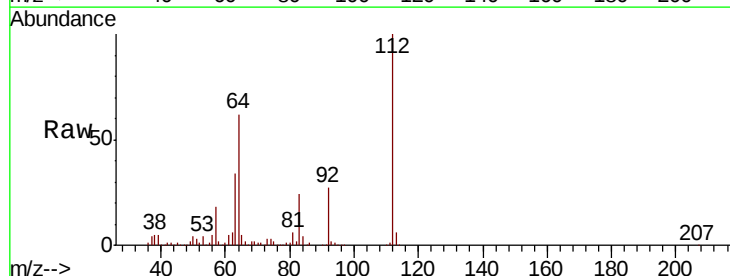
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



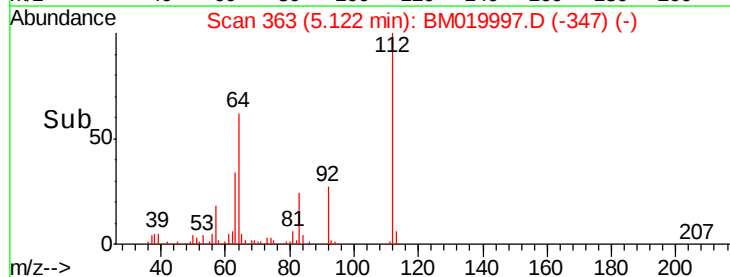
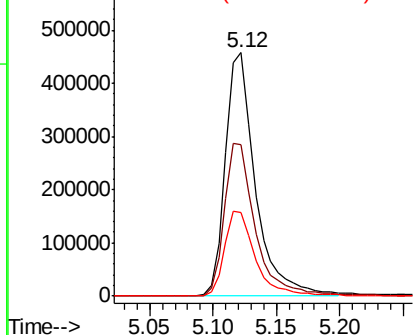
#5

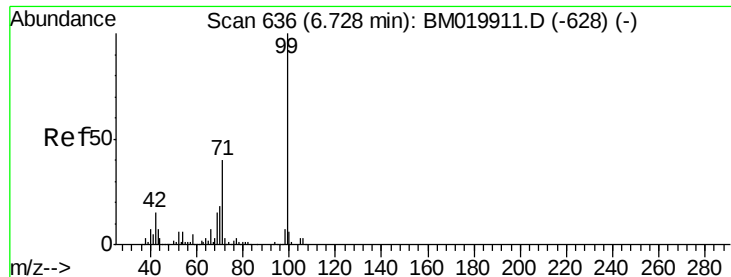
2-Fluorophenol
 Concen: 154.973 ng
 RT: 5.12 min Scan# 363
 Delta R.T. -0.01 min
 Lab File: BM019997.D
 Acq: 20 Apr 2019 07:54

Tgt Ion:112 Resp: 752771
 Ion Ratio Lower Upper
 112 100
 64 62.0 49.1 73.7
 63 34.2 26.5 39.7



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: 130.276 ng

RT: 6.70 min Scan# 632

Delta R.T. -0.01 min

Lab File: BM019997.D

Acq: 20 Apr 2019 07:54

Instrument :

BNA_M

ClientSampleId :

TP-TRACK-8-9

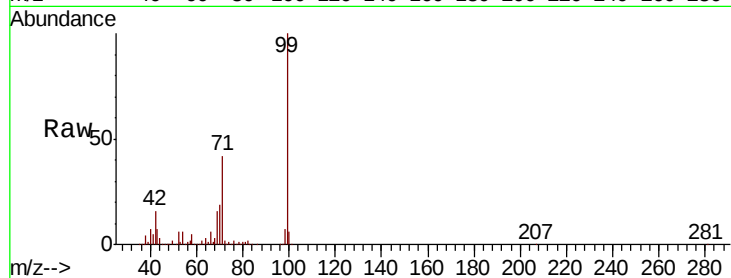
Tgt Ion: 99 Resp: 952366

Ion Ratio Lower Upper

99 100

42 15.5 11.8 17.8

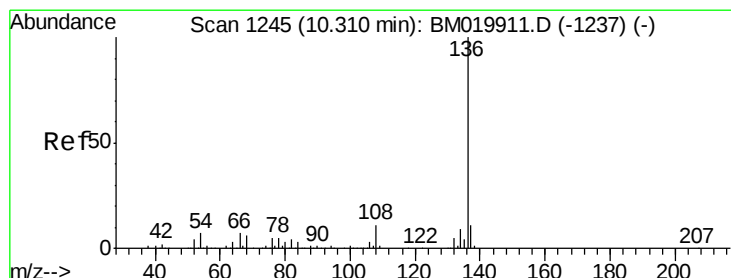
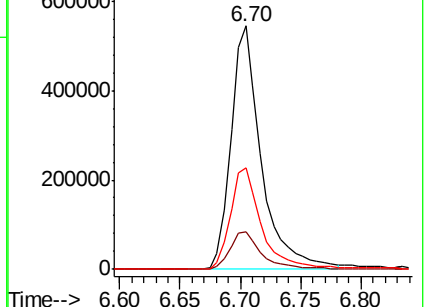
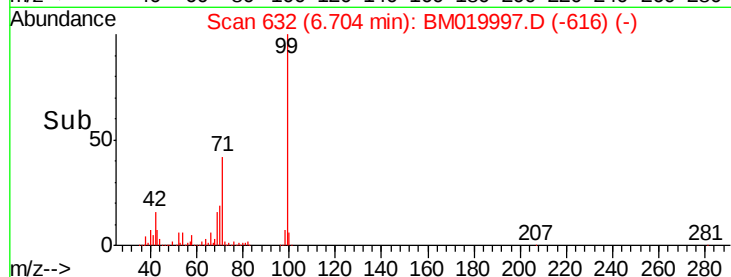
71 41.6 32.0 48.0



Abundance Ion 99.00 (98.70 to 99.70): BM019997.D (-616) (-)

Ion 42.00 (41.70 to 42.70): BM019997.D (-616) (-)

Ion 71.00 (70.70 to 71.70): BM019997.D (-616) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.29 min Scan# 1241

Delta R.T. -0.00 min

Lab File: BM019997.D

Acq: 20 Apr 2019 07:54

Tgt Ion: 136 Resp: 299045

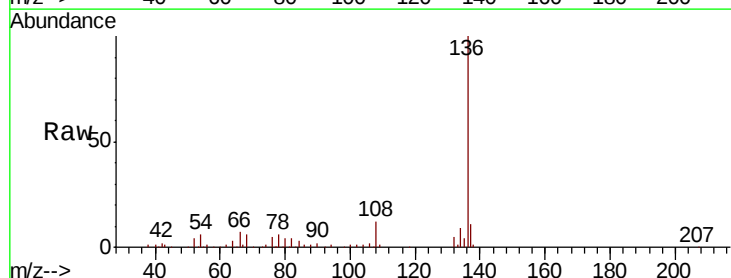
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.6

54 6.4 5.3 7.9

68 6.0 5.2 7.8

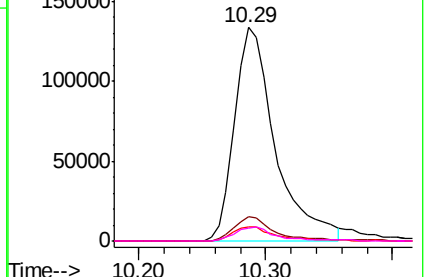
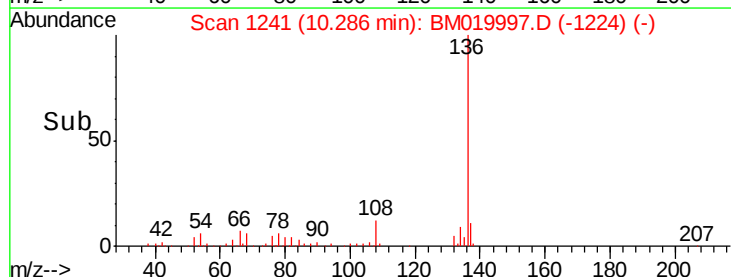


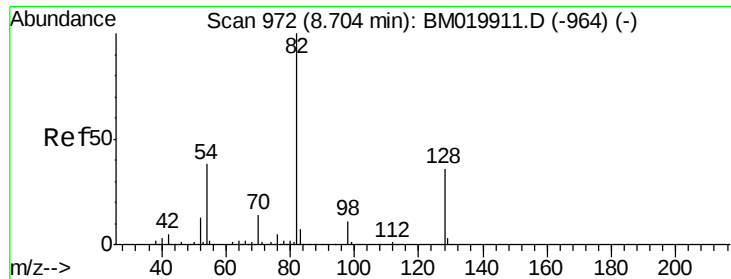
Abundance Ion 136.00 (135.70 to 136.70): BM019997.D (-1224) (-)

Ion 137.00 (136.70 to 137.70): BM019997.D (-1224) (-)

Ion 54.00 (53.70 to 54.70): BM019997.D (-1224) (-)

Ion 68.00 (67.70 to 68.70): BM019997.D (-1224) (-)

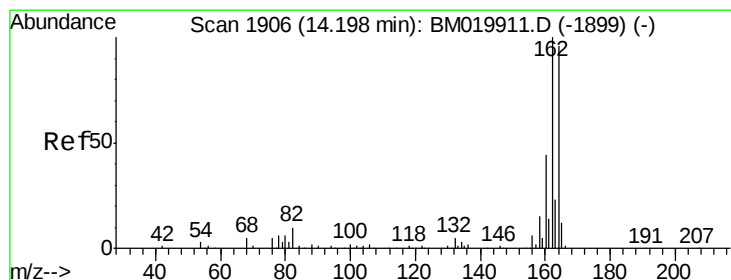
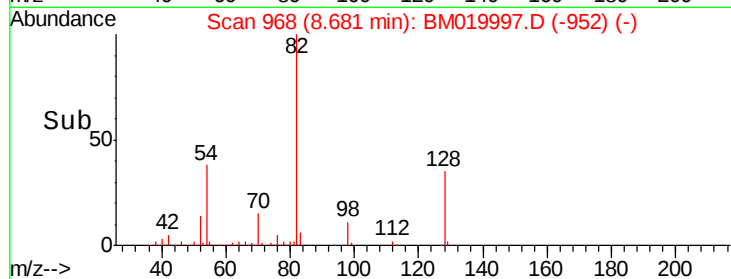
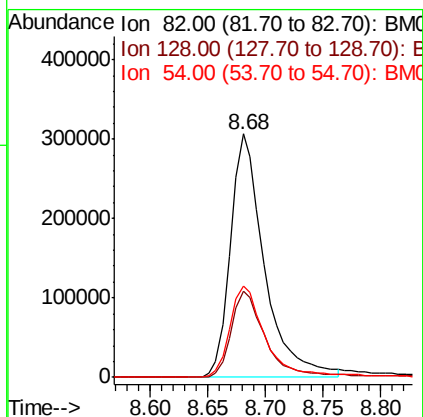
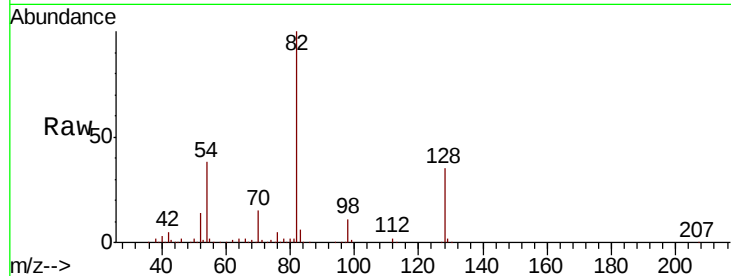




#23
 Nitrobenzene-d5
 Concen: 93.811 ng
 RT: 8.68 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BM019997.D
 Acq: 20 Apr 2019 07:54

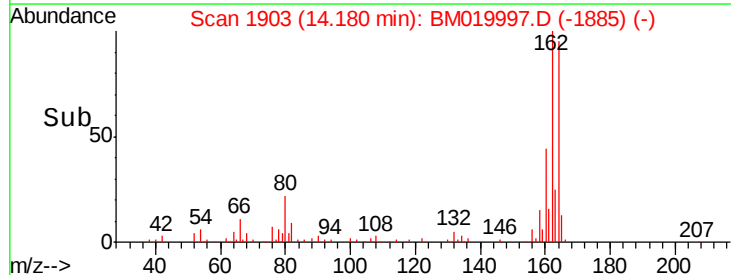
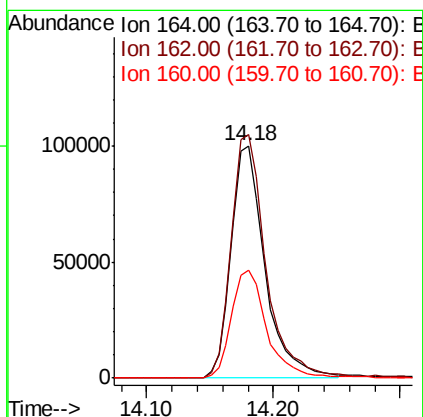
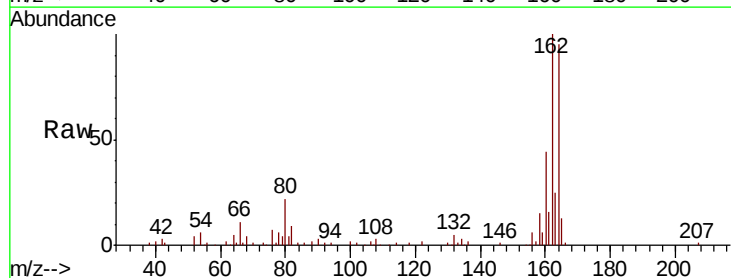
Instrument :
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 TP-TRACK-8-9

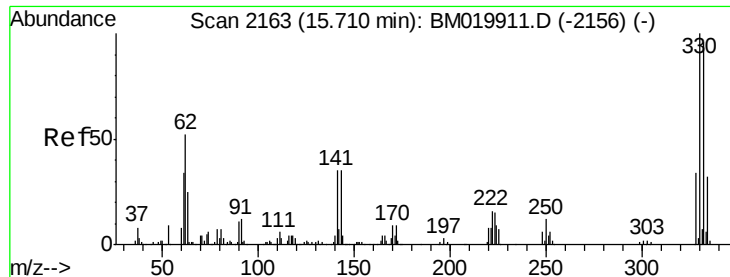
Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.5	29.0	43.4
54	37.7	30.2	45.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.18 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: BM019997.D
 Acq: 20 Apr 2019 07:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.9	83.0	124.4
160	46.6	36.6	55.0

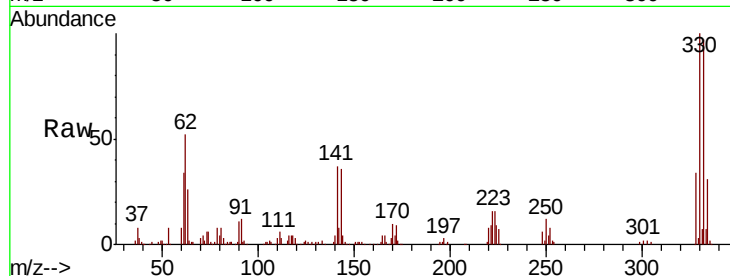




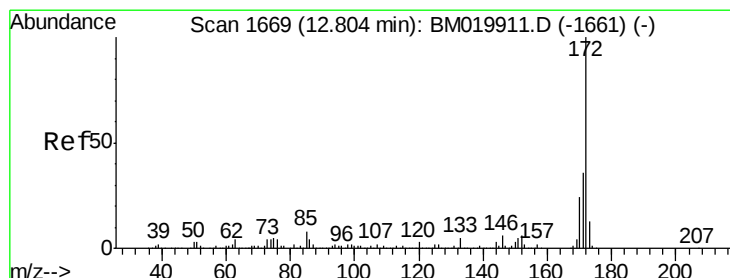
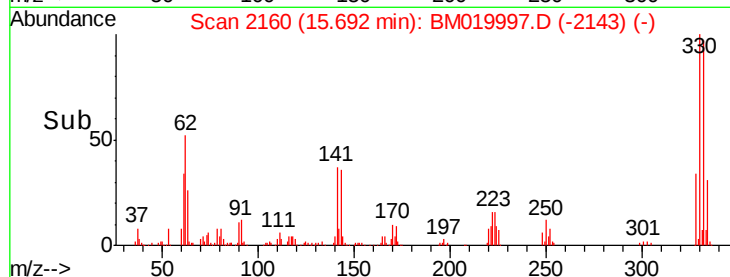
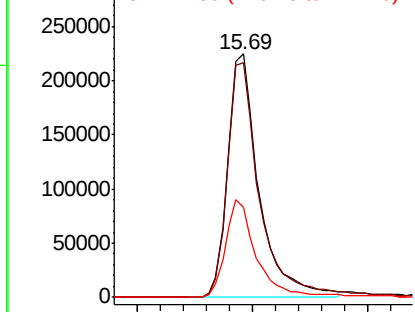
#42
 2,4,6-Tribromophenol
 Concen: 142.247 ng
 RT: 15.69 min Scan# 2160
 Delta R.T. -0.00 min
 Lab File: BM019997.D
 Acq: 20 Apr 2019 07:54

Instrument :
 BNA_M
 ClientSampleId :
 TP-TRACK-8-9

Tgt Ion:330 Resp: 424282
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.4 116.2
 141 39.2 29.0 43.4

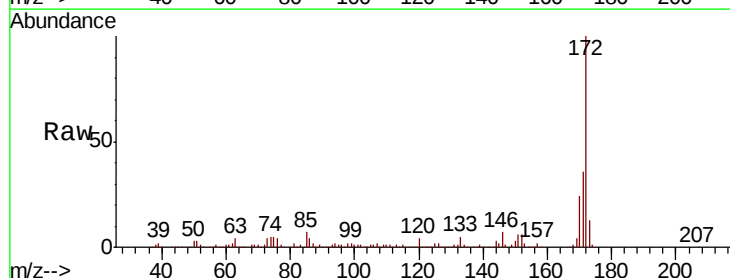


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

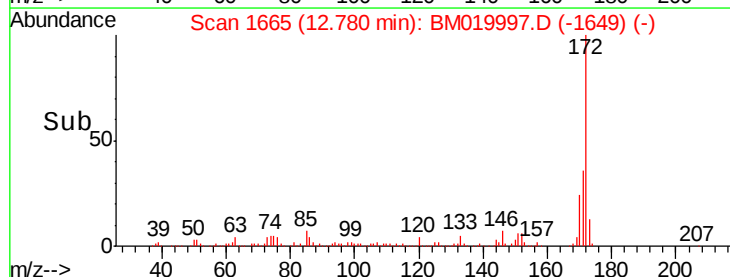
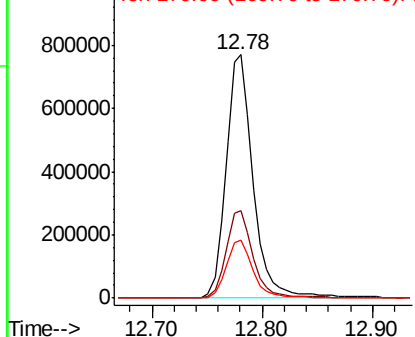


#45
 2-Fluorobiphenyl
 Concen: 88.541 ng
 RT: 12.78 min Scan# 1665
 Delta R.T. -0.01 min
 Lab File: BM019997.D
 Acq: 20 Apr 2019 07:54

Tgt Ion:172 Resp: 1316457
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.9 43.3
 170 23.7 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

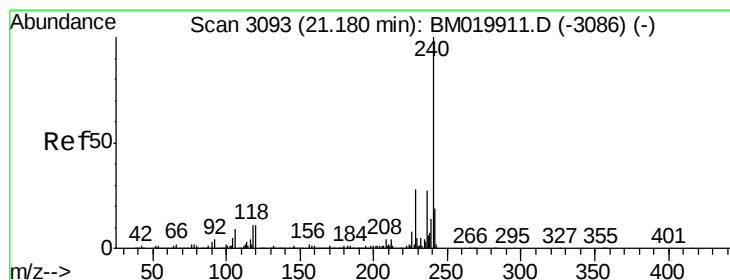
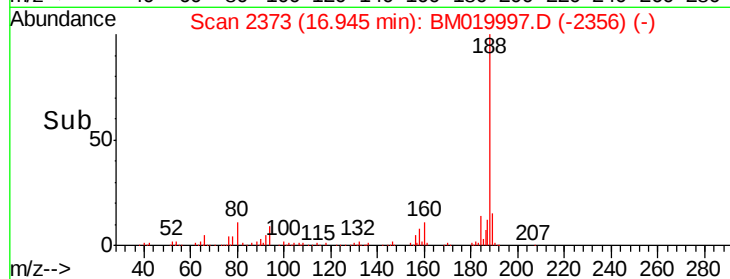
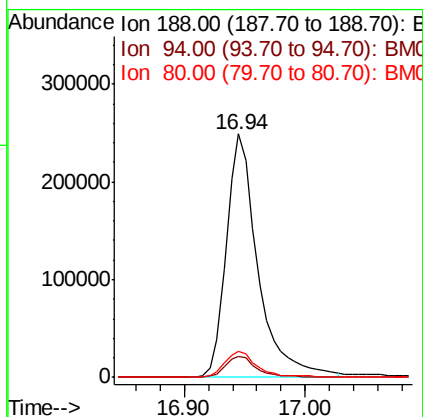
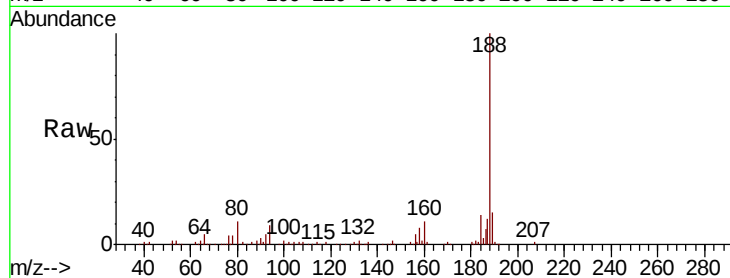




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.94 min Scan# 2373
Delta R.T. -0.00 min
Lab File: BM019997.D
Acq: 20 Apr 2019 07:54

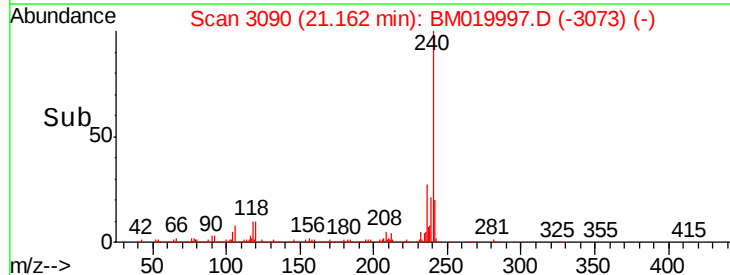
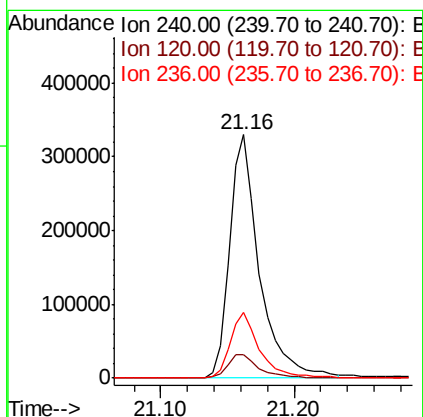
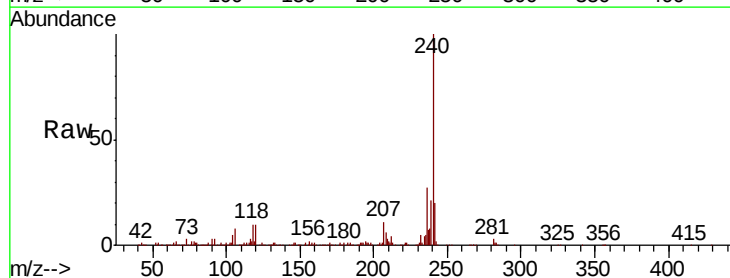
Instrument :
BNA_M
ClientSampleId :
TP-TRACK-8-9

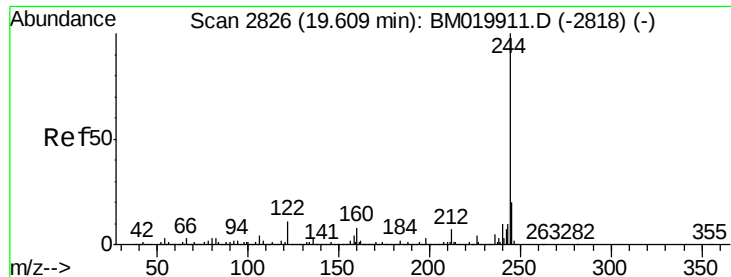
Tgt Ion:188 Resp: 454538
Ion Ratio Lower Upper
188 100
94 8.5 7.6 11.4
80 10.9 9.4 14.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3090
Delta R.T. -0.00 min
Lab File: BM019997.D
Acq: 20 Apr 2019 07:54

Tgt Ion:240 Resp: 514004
Ion Ratio Lower Upper
240 100
120 9.9 8.6 13.0
236 26.9 21.4 32.2





#79

Terphenyl-d14

Concen: 97.273 ng

RT: 19.59 min Scan# 2822

Delta R.T. -0.01 min

Lab File: BM019997.D

Acq: 20 Apr 2019 07:54

Instrument :

BNA_M

ClientSampleId :

TP-TRACK-8-9

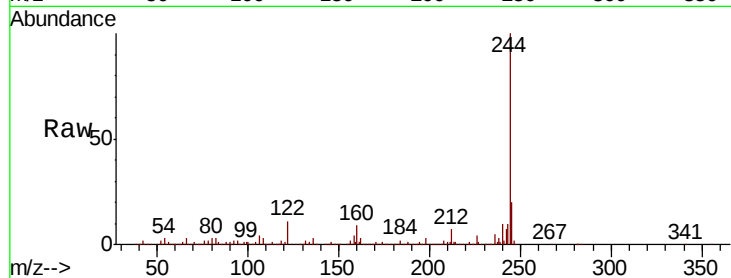
Tgt Ion:244 Resp: 2834667

Ion Ratio Lower Upper

244 100

212 7.4 5.7 8.5

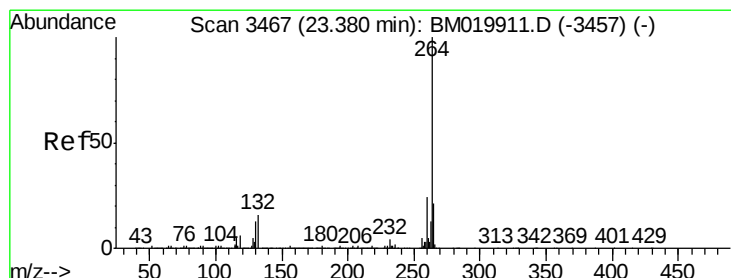
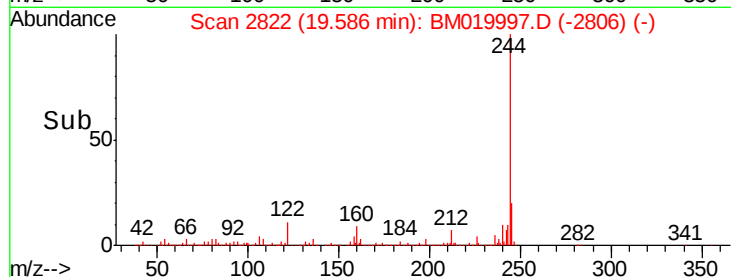
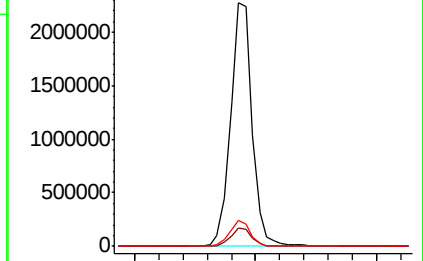
122 10.8 9.1 13.7



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: 23.35 min Scan# 3462

Delta R.T. -0.00 min

Lab File: BM019997.D

Acq: 20 Apr 2019 07:54

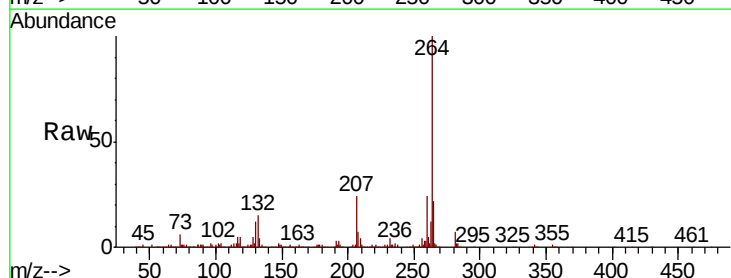
Tgt Ion:264 Resp: 643341

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 22.0 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

