Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020718\
Data File : BM014173.D
Acq On : 07 Feb 2018 22:30
Operator : SJ/JU
Sample : J1161-03
Misc : MDL 2 PPM
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Feb 08 07:18:21 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM020718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 07 17:16:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	76361	20.00	ng		0.00
21) Naphthalene-d8	10.32	136	316800	20.00	ng		0.00
38) Acenaphthene-d10	14.20	164	207200	20.00	ng		0.00
63) Phenanthrene-d10	16.96	188	523317	20.00	ng		0.00
75) Chrysene-d12	21.16	240	586025	20.00	ng		0.00
86) Perylene-d12	23.34	264	541842	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.16	112	535890	122.32	ng		0.00
7) Phenol-d6	6.73	99	716553	115.48	ng		0.00
23) Nitrobenzene-d5	8.70	82	656750	92.60	ng		0.00
41) 2,4,6-Tribromophenol	15.70	330	382066	129.95	ng		0.00
44) 2-Fluorobiphenyl	12.81	172	1489836	89.76	ng		0.00
78) Terphenyl-d14	19.60	244	2544678	84.85	ng		0.00
Target Compounds							Qvalue
24) Nitrobenzene	8.75	77	14940	2.05	ng	#	88
32) Benzoic acid	9.70	122	1013	6.43	ng	#	68
40) Hexachlorocyclopentadiene	12.33	237	2041	6.61	ng		81
64) 4,6-Dinitro-2-methylphenol	15.40	198	1411	5.92	ng	#	51
69) Pentachlorophenol	16.64	266	3912	6.72	ng	#	67

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

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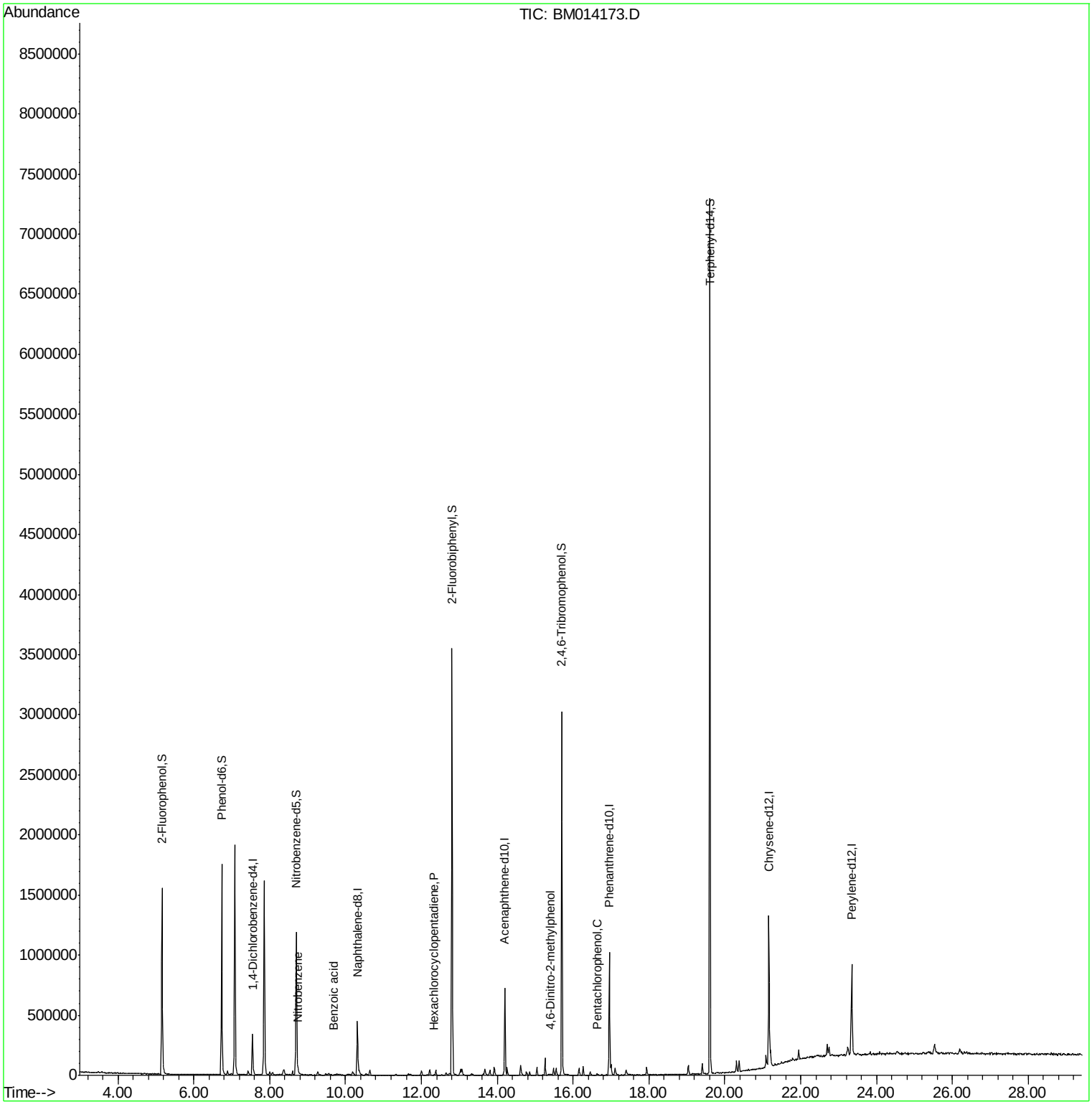
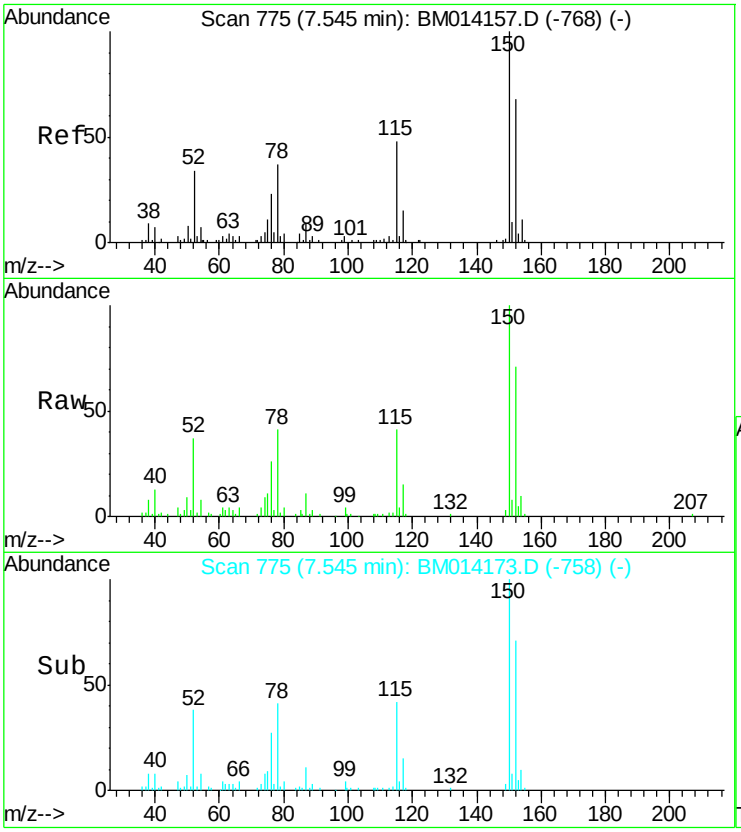


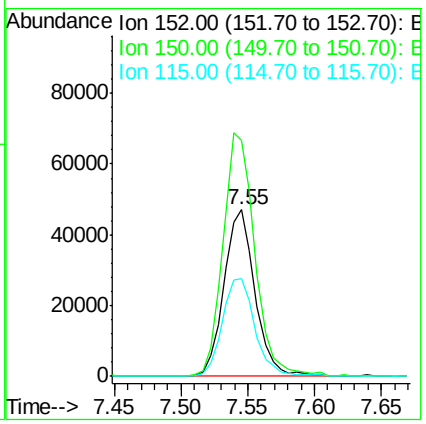


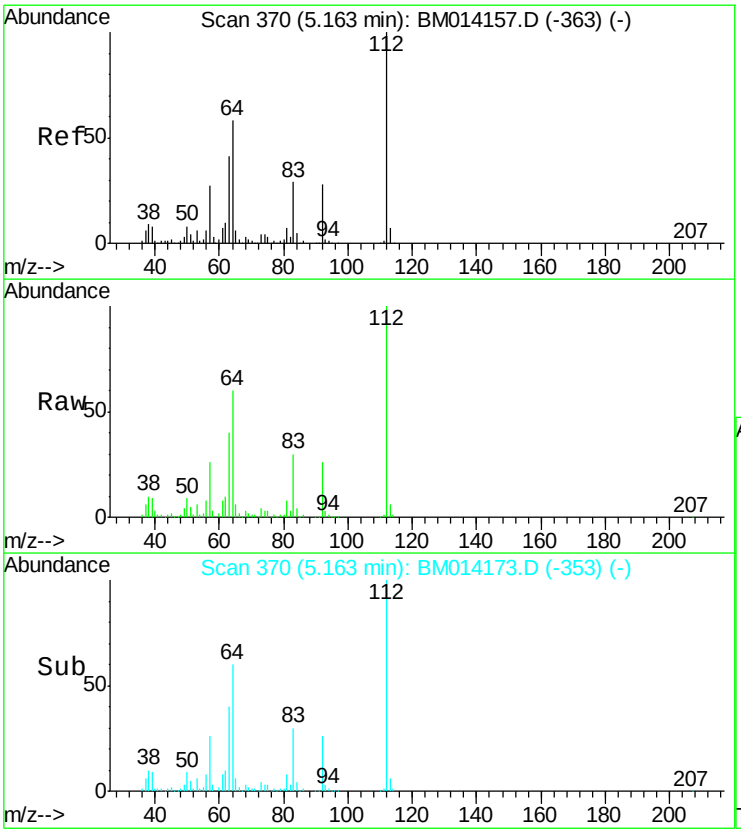
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.55 min Scan# 775
Delta R.T. -0.00 min
Lab File: BM014173.D
Acq: 07 Feb 2018 22:30

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 76361

Ion	Ratio	Lower	Upper
152	100		
150	141.8	119.5	179.3
115	58.8	43.0	64.4

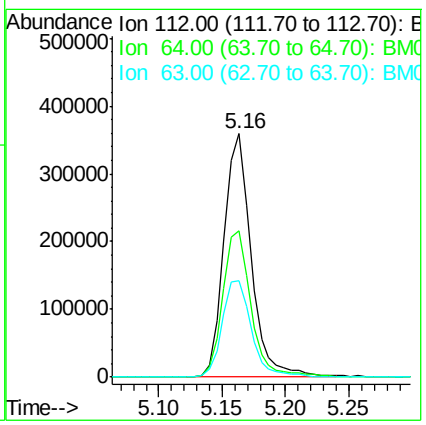


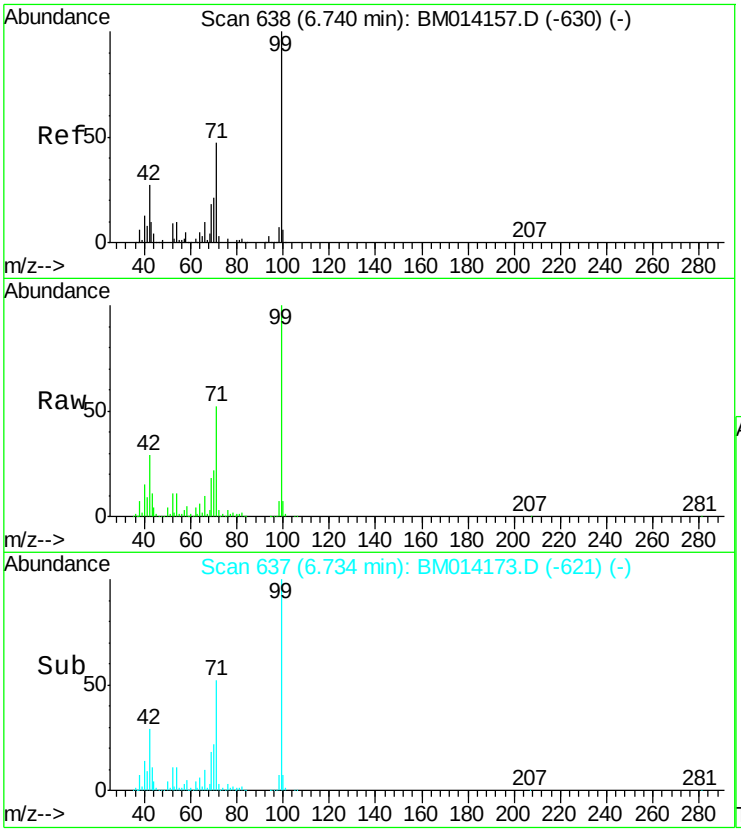


#5
2-Fluorophenol
Concen: 122.32 ng
RT: 5.16 min Scan# 370
Delta R.T. 0.00 min
Lab File: BM014173.D
Acq: 07 Feb 2018 22:30

Tgt Ion:112 Resp: 535890

Ion	Ratio	Lower	Upper
112	100		
64	59.9	38.6	57.8#
63	39.6	19.3	28.9#



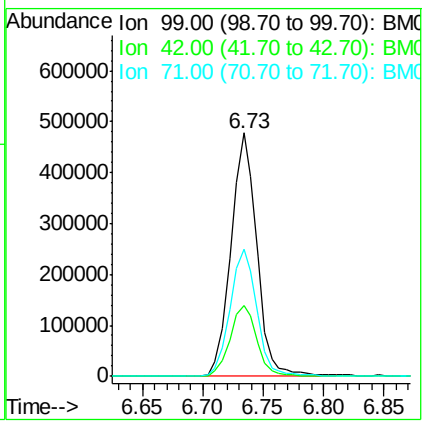


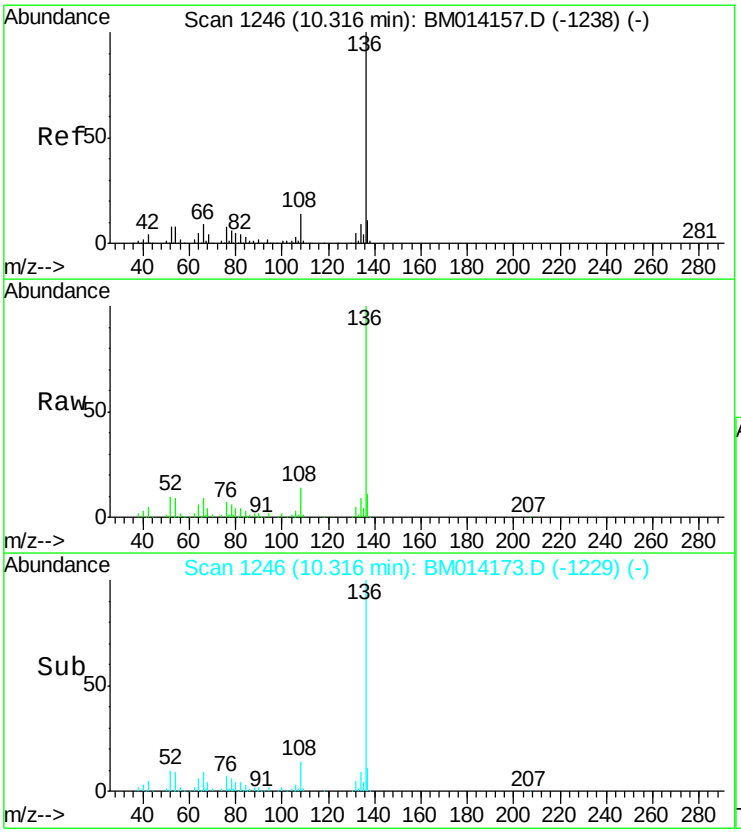
#7
Phenol-d6
Concen: 115.48 ng
RT: 6.73 min Scan# 637
Delta R.T. -0.01 min
Lab File: BM014173.D
Acq: 07 Feb 2018 22:30

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 99 Resp: 716553

Ion	Ratio	Lower	Upper
99	100		
42	29.1	11.0	16.4#
71	52.2	23.4	35.2#

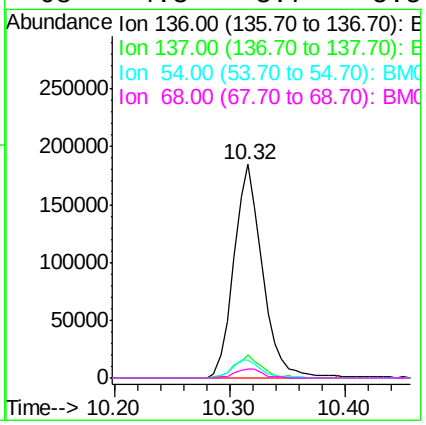


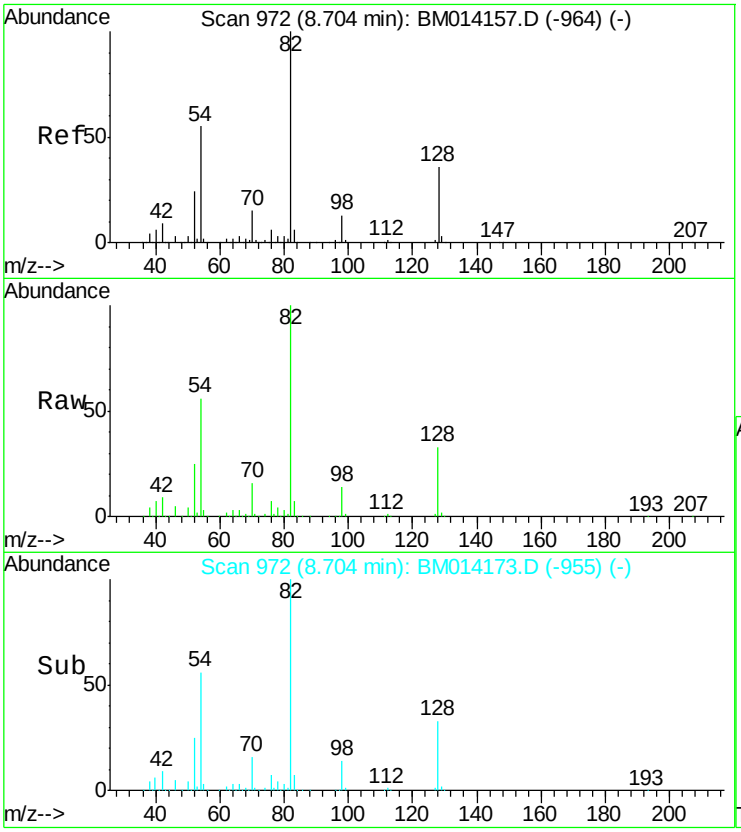


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.32 min Scan# 1246
Delta R.T. -0.00 min
Lab File: BM014173.D
Acq: 07 Feb 2018 22:30

Tgt Ion:136 Resp: 316800

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	8.5	4.6	6.8#
68	4.3	3.7	5.5



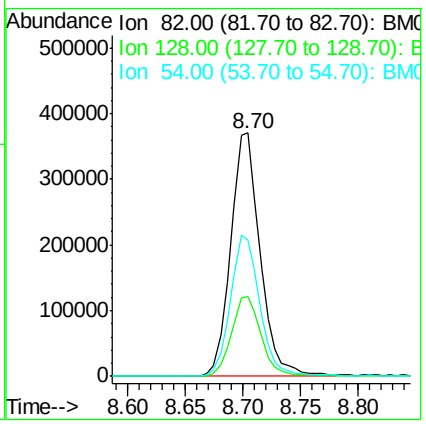


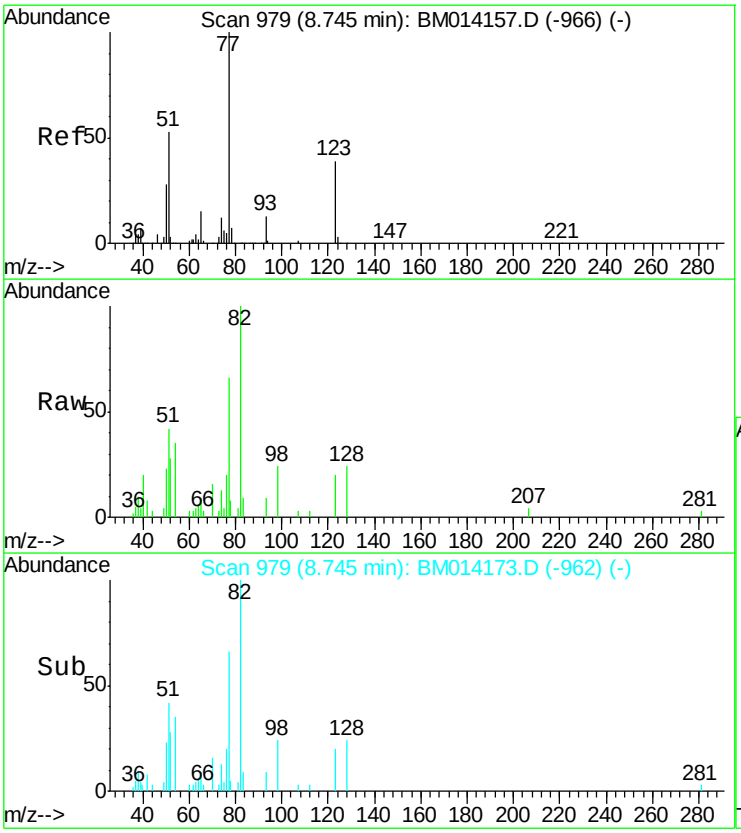
#23
Nitrobenzene-d5
Concen: 92.60 ng
RT: 8.70 min Scan# 972
Delta R.T. -0.00 min
Lab File: BM014173.D
Acq: 07 Feb 2018 22:30

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 82 Resp: 656750

Ion	Ratio	Lower	Upper
82	100		
128	32.8	32.8	49.2
54	55.7	40.6	60.8

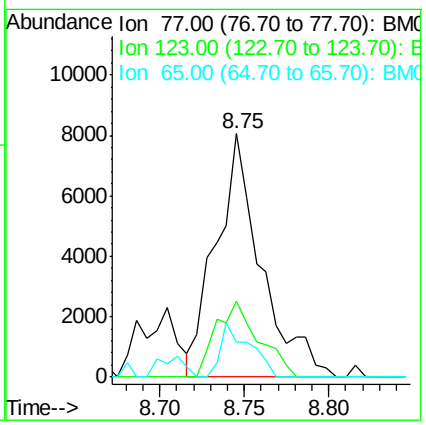


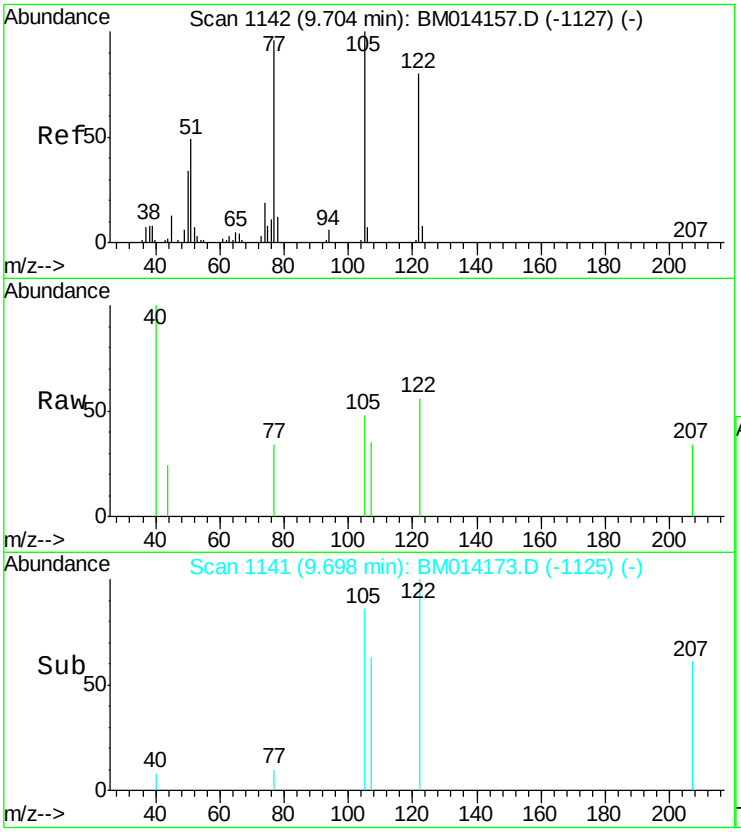


#24
Nitrobenzene
Concen: 2.05 ng
RT: 8.75 min Scan# 979
Delta R.T. -0.00 min
Lab File: BM014173.D
Acq: 07 Feb 2018 22:30

Tgt Ion: 77 Resp: 14940

Ion	Ratio	Lower	Upper
77	100		
123	31.0	32.6	49.0#
65	14.3	10.9	16.3



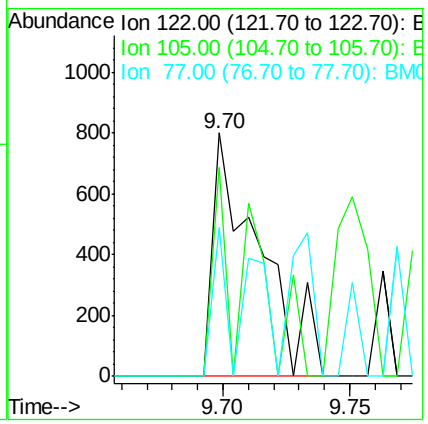


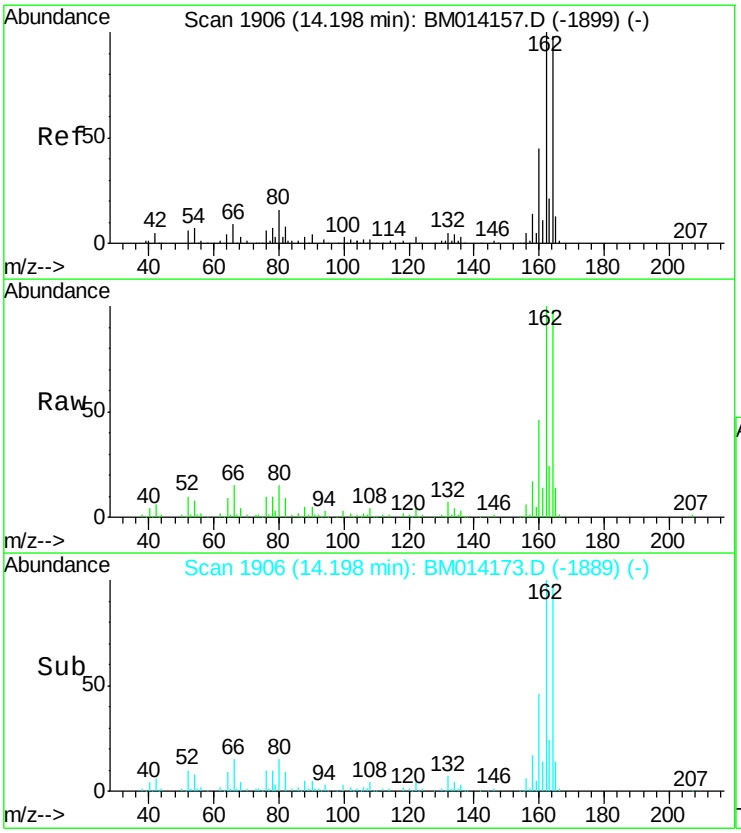
#32
Benzoic acid
Concen: 6.43 ng
RT: 9.70 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BM014173.D
Acq: 07 Feb 2018 22:30

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:122 Resp: 1013

Ion	Ratio	Lower	Upper
122	100		
105	86.0	99.9	139.9#
77	61.1	73.7	113.7#

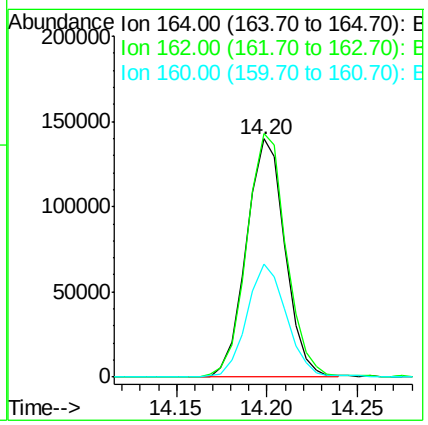


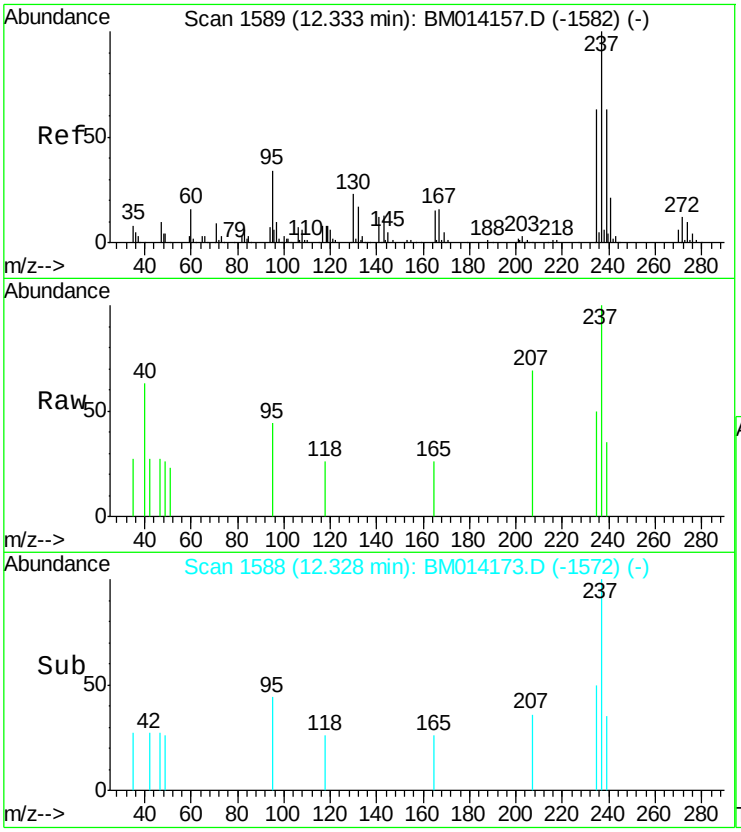


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.20 min Scan# 1906
Delta R.T. -0.00 min
Lab File: BM014173.D
Acq: 07 Feb 2018 22:30

Tgt Ion:164 Resp: 207200

Ion	Ratio	Lower	Upper
164	100		
162	102.1	82.4	123.6
160	47.4	35.8	53.6



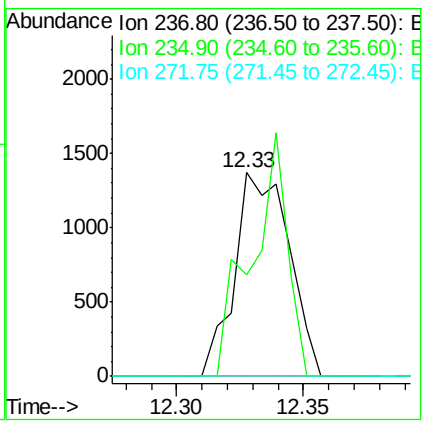


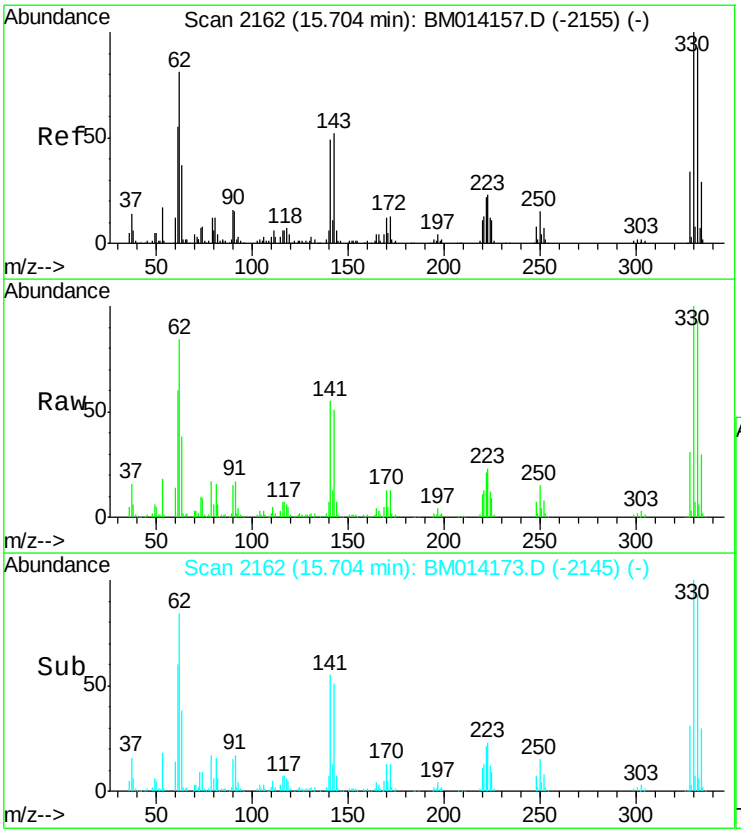
#40
Hexachlorocyclopentadiene
Concen: 6.61 ng
RT: 12.33 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BM014173.D
Acq: 07 Feb 2018 22:30

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:237 Resp: 2041

Ion	Ratio	Lower	Upper
237	100		
235	50.2	42.0	82.0
272	0.0	0.0	33.4

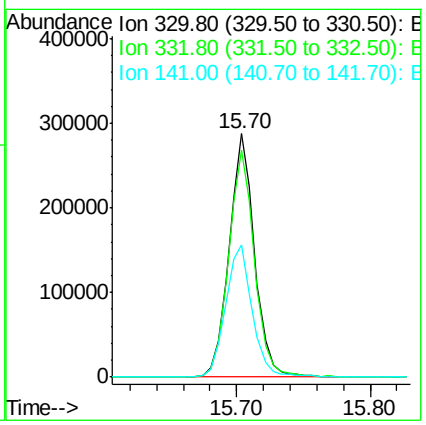


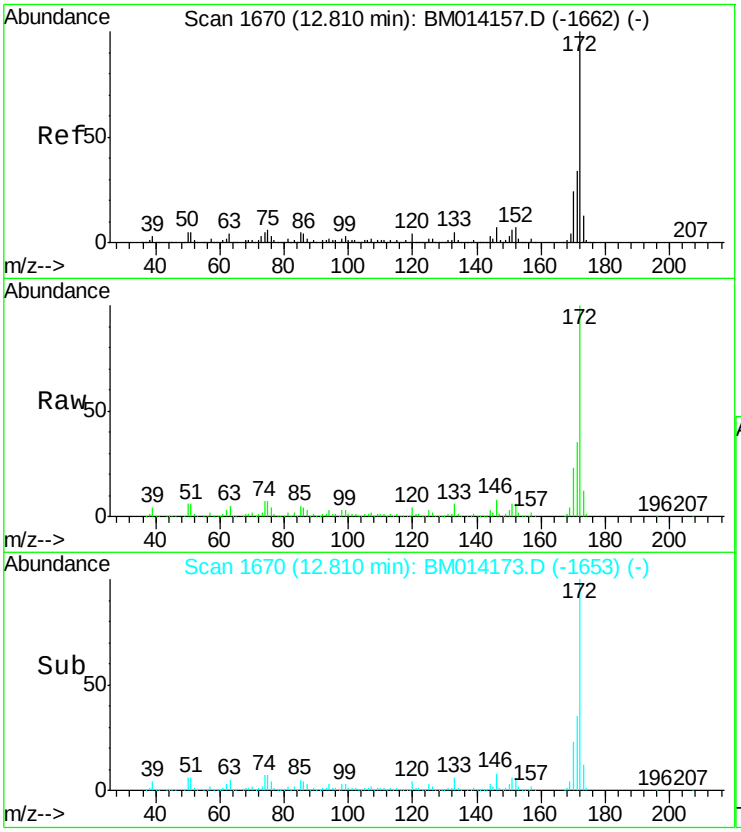


#41
2,4,6-Tribromophenol
Concen: 129.95 ng
RT: 15.70 min Scan# 2162
Delta R.T. -0.00 min
Lab File: BM014173.D
Acq: 07 Feb 2018 22:30

Tgt Ion:330 Resp: 382066

Ion	Ratio	Lower	Upper
330	100		
332	95.1	0.0	0.0#
141	57.3	0.0	0.0#



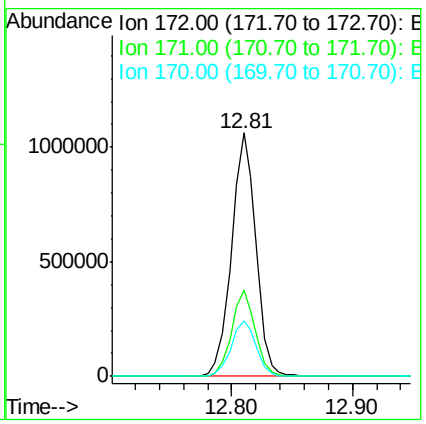


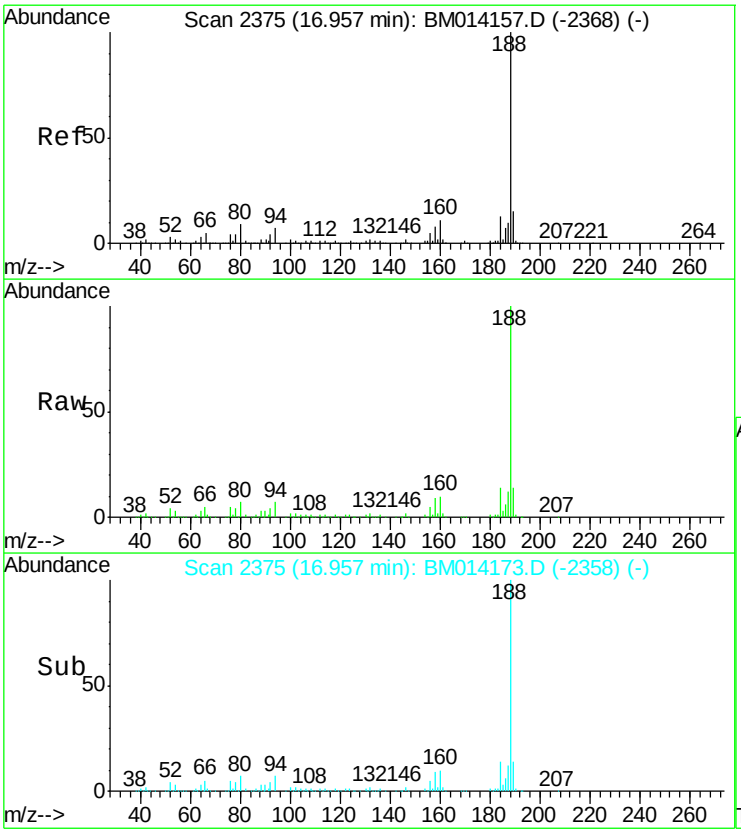
#44
2-Fluorobiphenyl
Concen: 89.76 ng
RT: 12.81 min Scan# 1670
Delta R.T. -0.00 min
Lab File: BM014173.D
Acq: 07 Feb 2018 22:30

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:172 Resp: 1489836

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.5	42.7
170	22.5	18.8	28.2

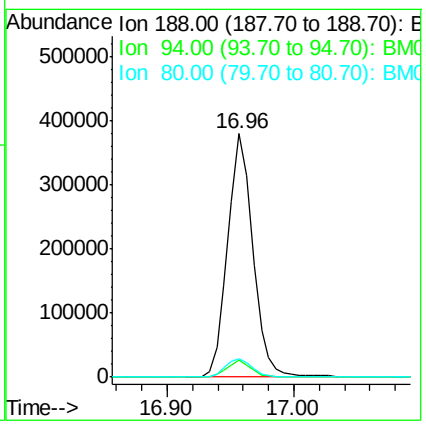


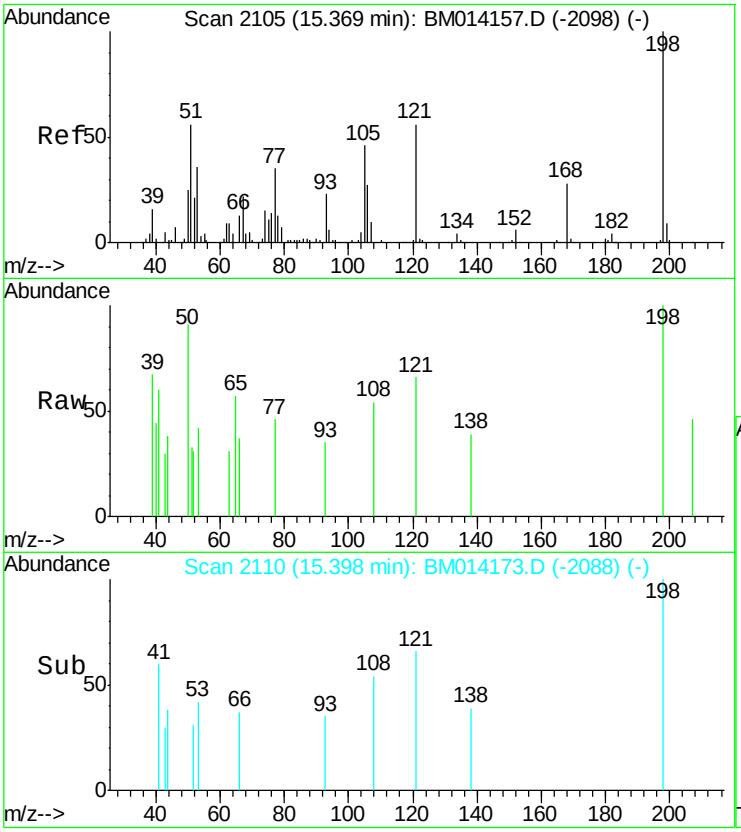


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.96 min Scan# 2375
Delta R.T. -0.00 min
Lab File: BM014173.D
Acq: 07 Feb 2018 22:30

Tgt Ion:188 Resp: 523317

Ion	Ratio	Lower	Upper
188	100		
94	7.0	8.7	13.1#
80	7.4	9.3	13.9#



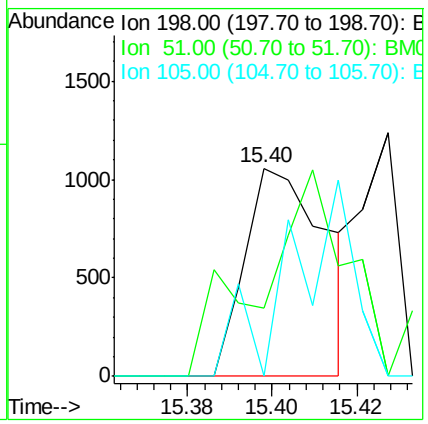


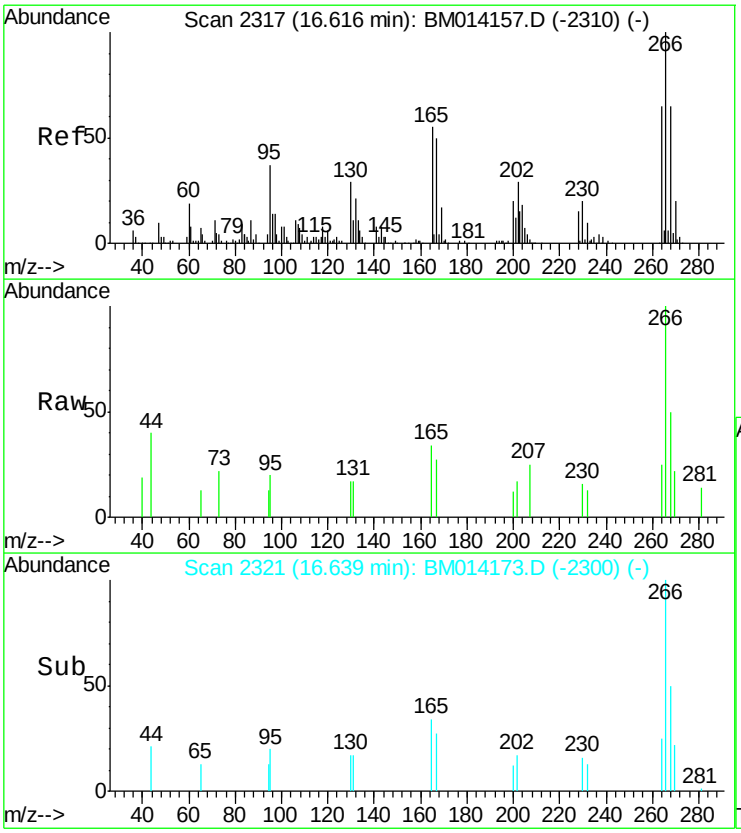
#64
4,6-Dinitro-2-methylphenol
Concen: 5.92 ng
RT: 15.40 min Scan# 2110
Delta R.T. 0.03 min
Lab File: BM014173.D
Acq: 07 Feb 2018 22:30

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:198 Resp: 1411

Ion	Ratio	Lower	Upper
198	100		
51	32.5	28.8	68.8
105	0.0	30.5	70.5#

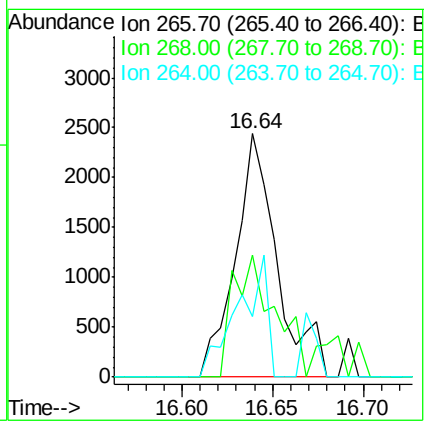


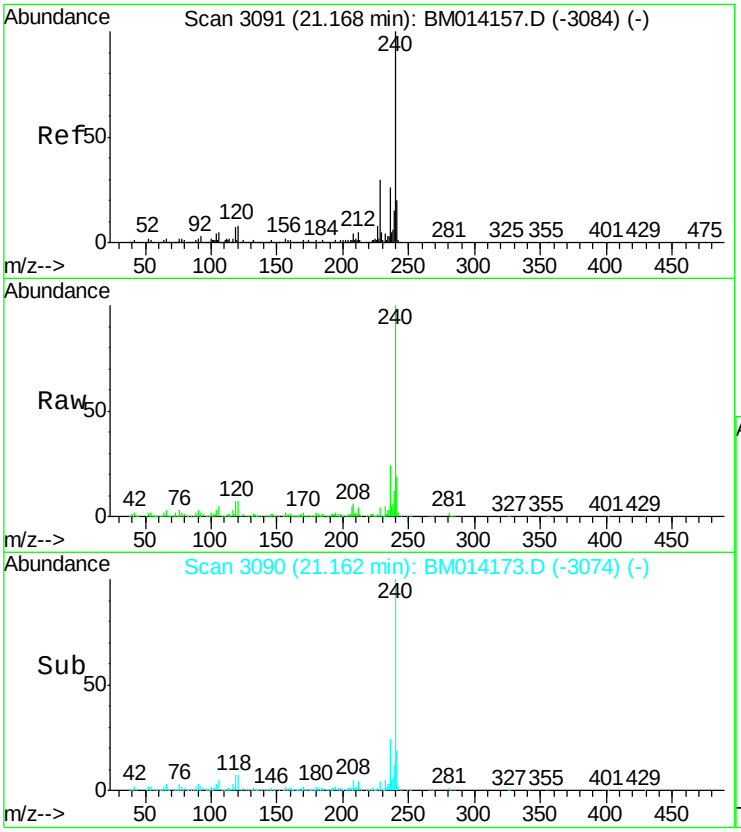


#69
Pentachlorophenol
Concen: 6.72 ng
RT: 16.64 min Scan# 2321
Delta R.T. 0.02 min
Lab File: BM014173.D
Acq: 07 Feb 2018 22:30

Tgt Ion:266 Resp: 3912

Ion	Ratio	Lower	Upper
266	100		
268	49.9	52.0	78.0#
264	25.0	49.0	73.4#



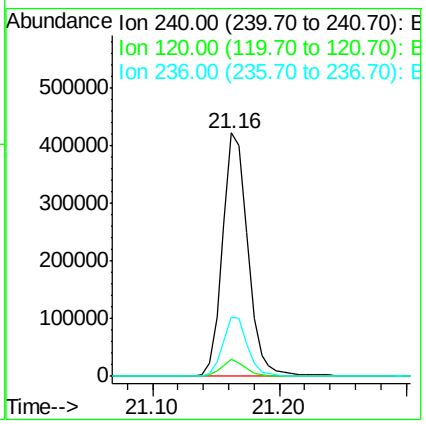


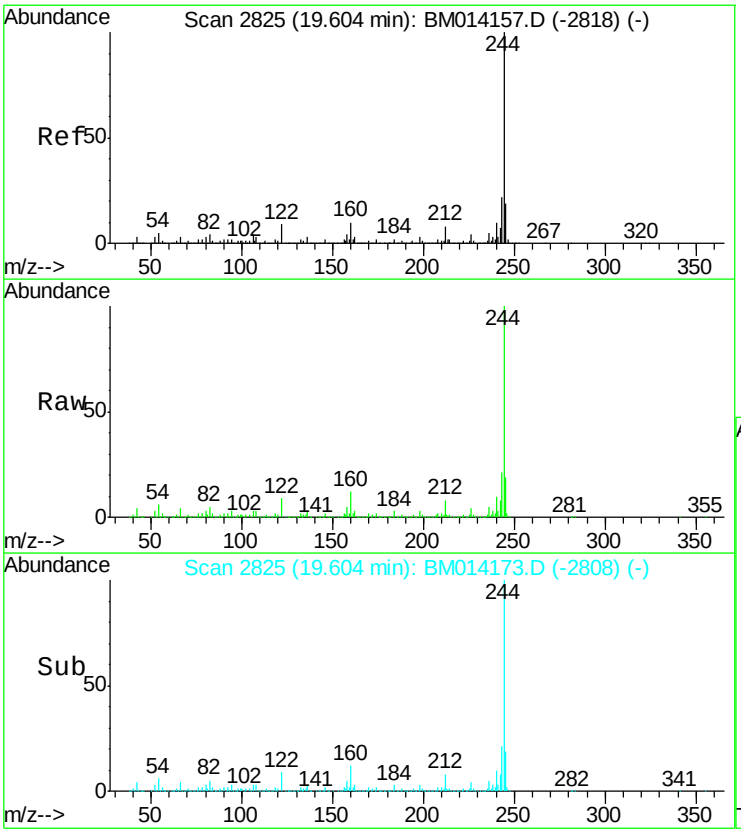
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.16 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM014173.D
Acq: 07 Feb 2018 22:30

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:240 Resp: 586025

Ion	Ratio	Lower	Upper
240	100		
120	6.9	8.2	12.2#
236	24.3	20.0	30.0

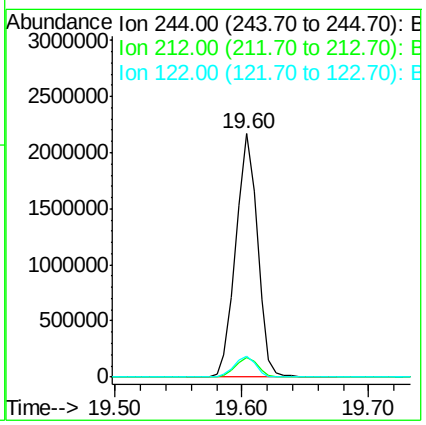


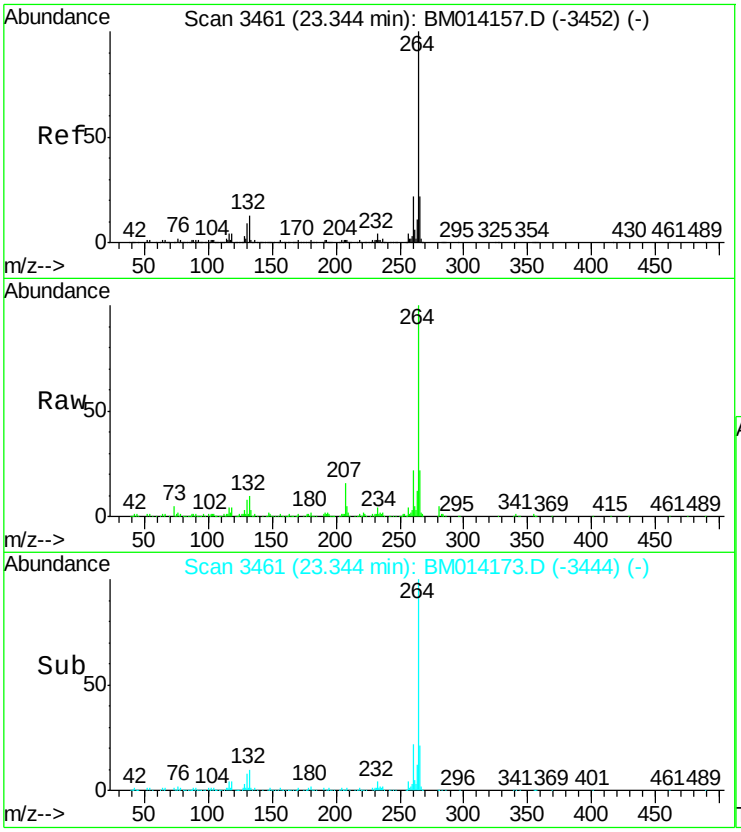


#78
Terphenyl-d14
Concen: 84.85 ng
RT: 19.60 min Scan# 2825
Delta R.T. -0.00 min
Lab File: BM014173.D
Acq: 07 Feb 2018 22:30

Tgt Ion:244 Resp: 2544678

Ion	Ratio	Lower	Upper
244	100		
212	7.9	4.9	7.3#
122	8.6	6.2	9.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.34 min Scan# 3461
Delta R.T. -0.00 min
Lab File: BM014173.D
Acq: 07 Feb 2018 22:30

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:264 Resp: 541842

Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.6	27.8
265	21.7	17.3	25.9