Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120915\
Data File : BM003429.D
Acq On : 10 Dec 2015 01:06
Operator : UM/IZ
Sample : G4644-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : S8-0528

Quant Time: Dec 10 02:21:11 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 09 18:52:47 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	77862	20.00	ng	0.00
21) Naphthalene-d8	10.51	136	340349	20.00	ng	0.00
38) Acenaphthene-d10	14.37	164	182831	20.00	ng	0.00
63) Phenanthrene-d10	17.12	188	361944	20.00	ng	0.00
75) Chrysene-d12	21.32	240	357289	20.00	ng	0.00
86) Perylene-d12	23.57	264	351011	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	286966	65.53	ng	0.00
7) Phenol-d6	6.89	99	232512	38.23	ng	0.00
23) Nitrobenzene-d5	8.88	82	531680	96.86	ng	0.00
41) 2,4,6-Tribromophenol	15.87	330	248357	136.02	ng	0.00
44) 2-Fluorobiphenyl	12.99	172	1221930	91.06	ng	0.00
78) Terphenyl-d14	19.76	244	1231125	81.26	ng	0.00
Target Compounds						Qvalue

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

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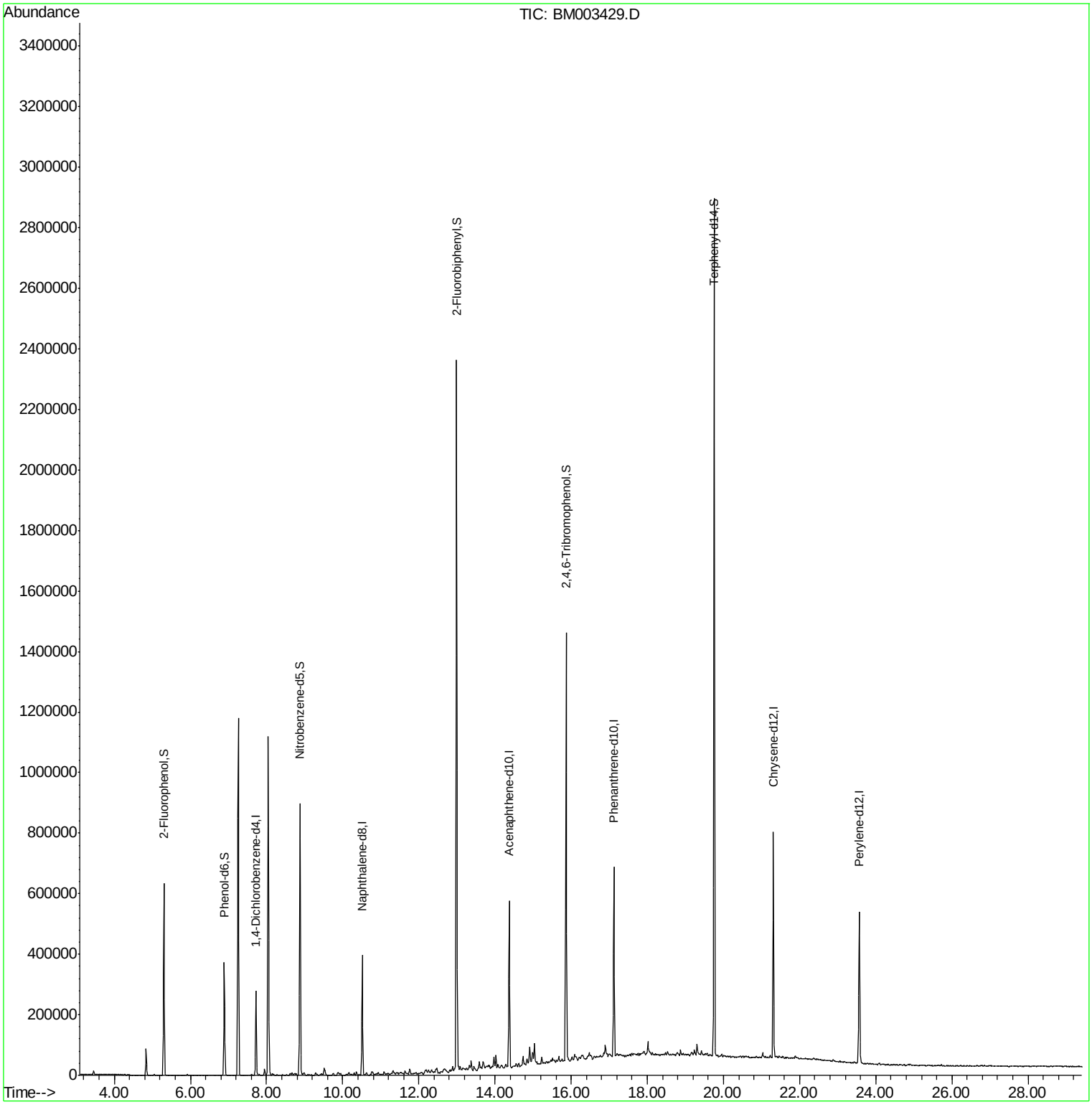
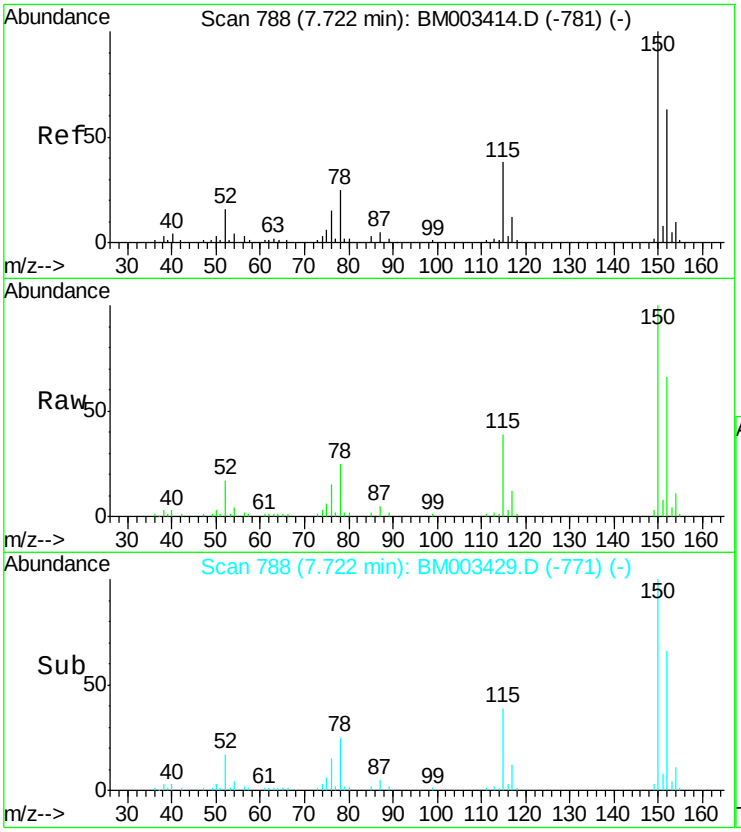


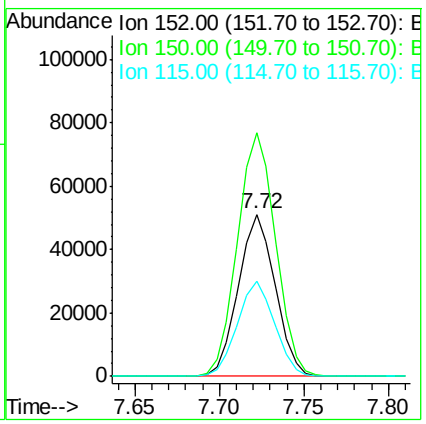


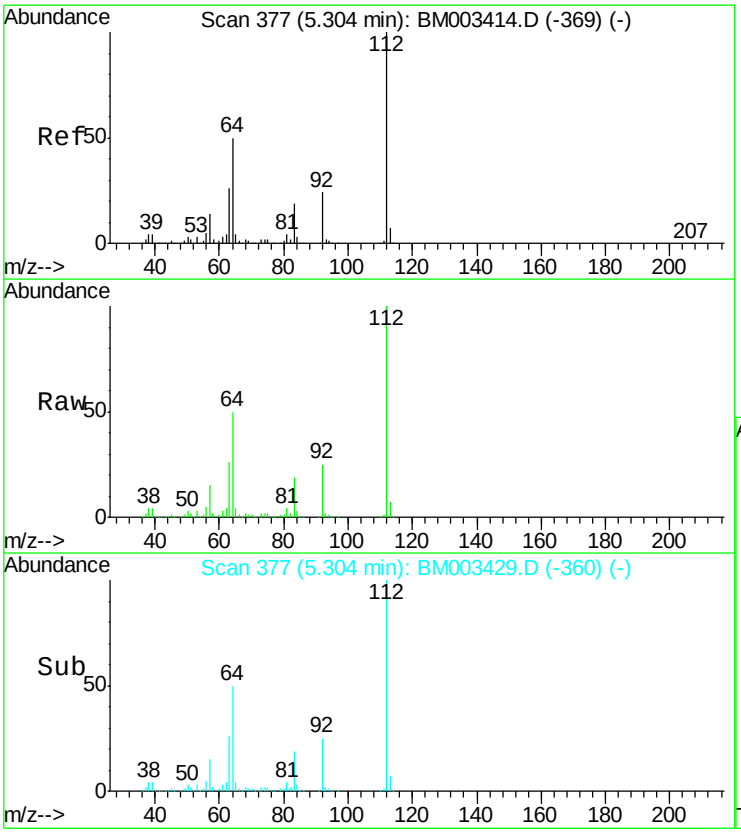
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BM003429.D
Acq: 10 Dec 2015 01:06

Instrument :
BNA_M
ClientSampleId :
S8-0528

Tgt Ion:152 Resp: 77862

Ion	Ratio	Lower	Upper
152	100		
150	150.5	119.5	179.3
115	58.5	43.0	64.4

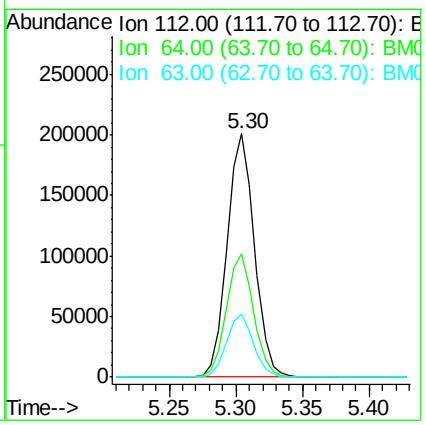


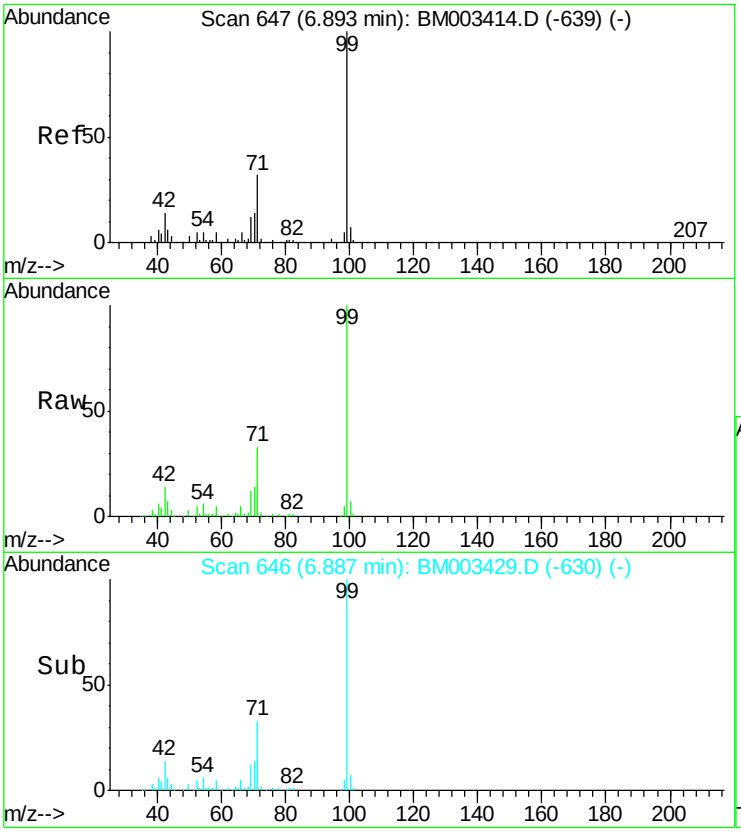


#5
2-Fluorophenol
Concen: 65.53 ng
RT: 5.30 min Scan# 377
Delta R.T. 0.00 min
Lab File: BM003429.D
Acq: 10 Dec 2015 01:06

Tgt Ion:112 Resp: 286966

Ion	Ratio	Lower	Upper
112	100		
64	50.4	38.6	57.8
63	26.1	19.3	28.9



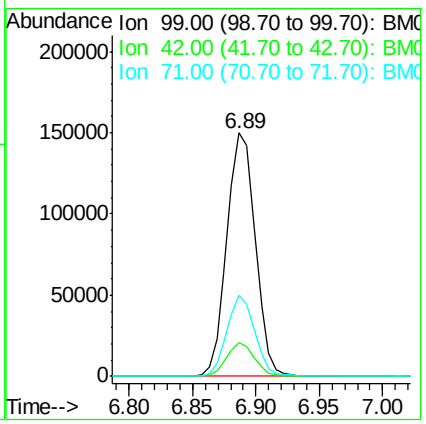


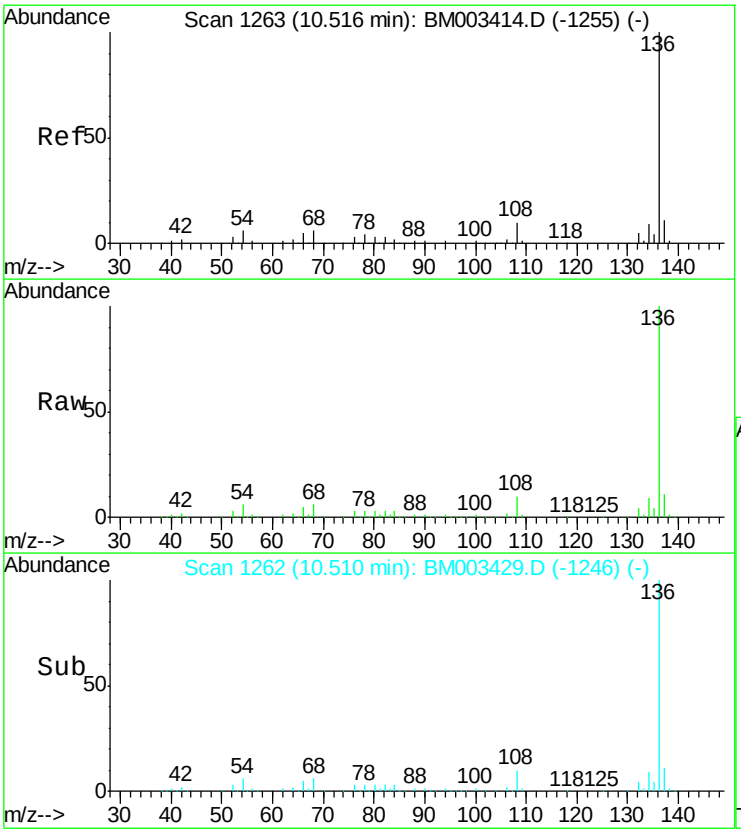
#7
Phenol-d6
Concen: 38.23 ng
RT: 6.89 min Scan# 646
Delta R.T. -0.01 min
Lab File: BM003429.D
Acq: 10 Dec 2015 01:06

Instrument :
BNA_M
ClientSampleId :
S8-0528

Tgt Ion: 99 Resp: 232512

Ion	Ratio	Lower	Upper
99	100		
42	13.7	11.0	16.4
71	33.2	23.4	35.2

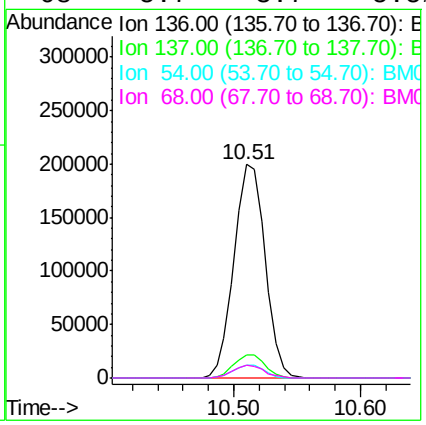


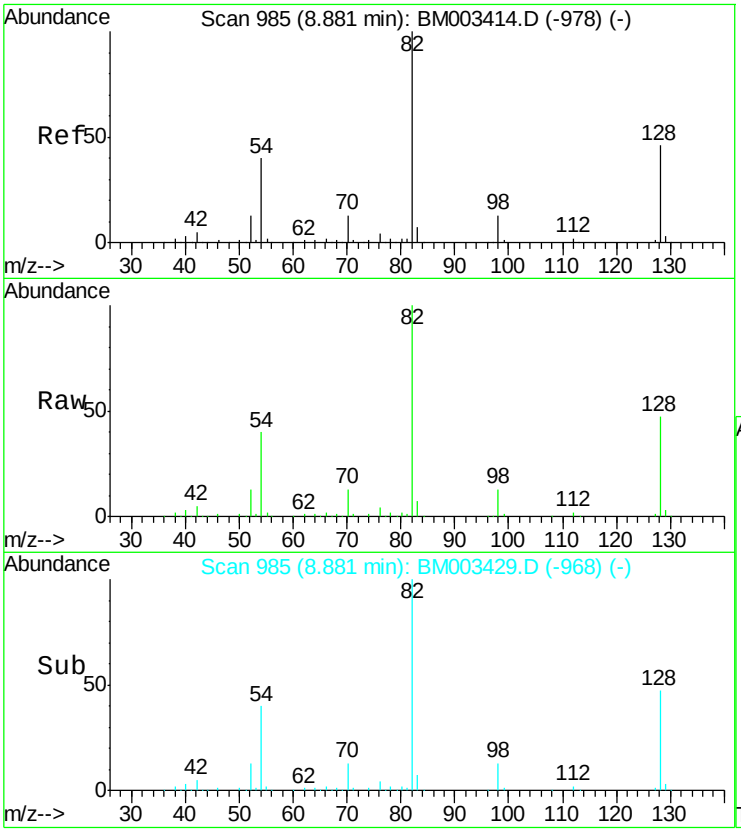


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.51 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BM003429.D
Acq: 10 Dec 2015 01:06

Tgt Ion:136 Resp: 340349

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	5.9	4.6	6.8
68	5.7	3.7	5.5#



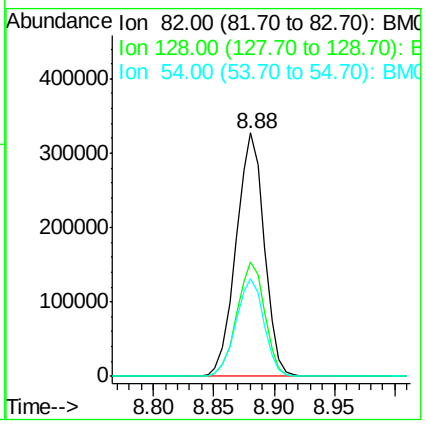


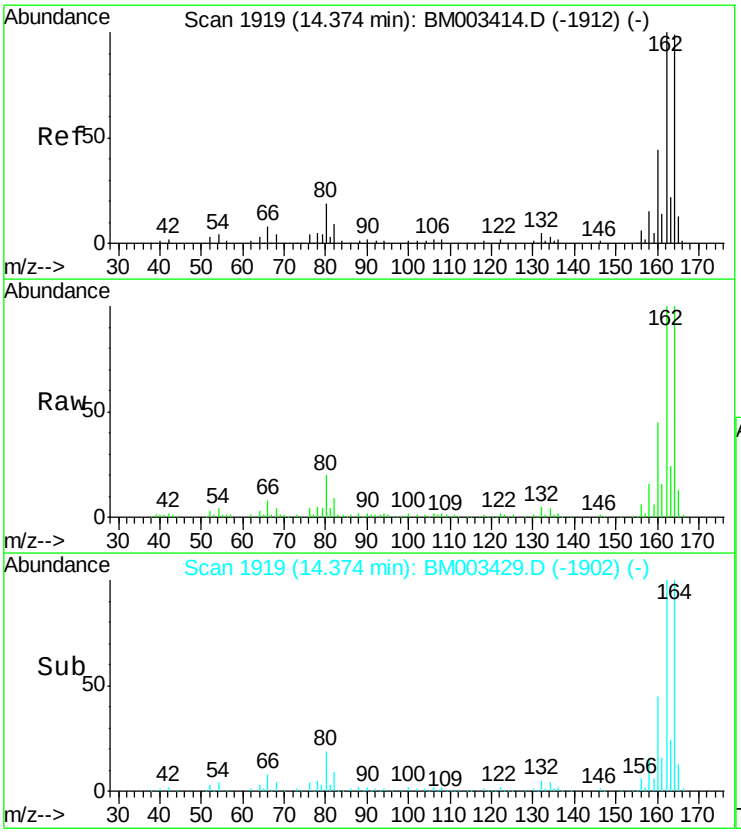
#23
Nitrobenzene-d5
Concen: 96.86 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.00 min
Lab File: BM003429.D
Acq: 10 Dec 2015 01:06

Instrument :
BNA_M
ClientSampleId :
S8-0528

Tgt Ion: 82 Resp: 531680

Ion	Ratio	Lower	Upper
82	100		
128	46.9	32.8	49.2
54	39.9	40.6	60.8#

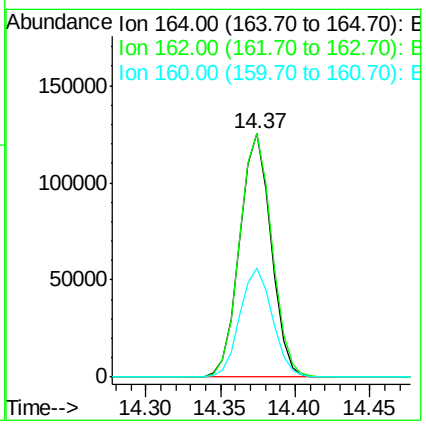


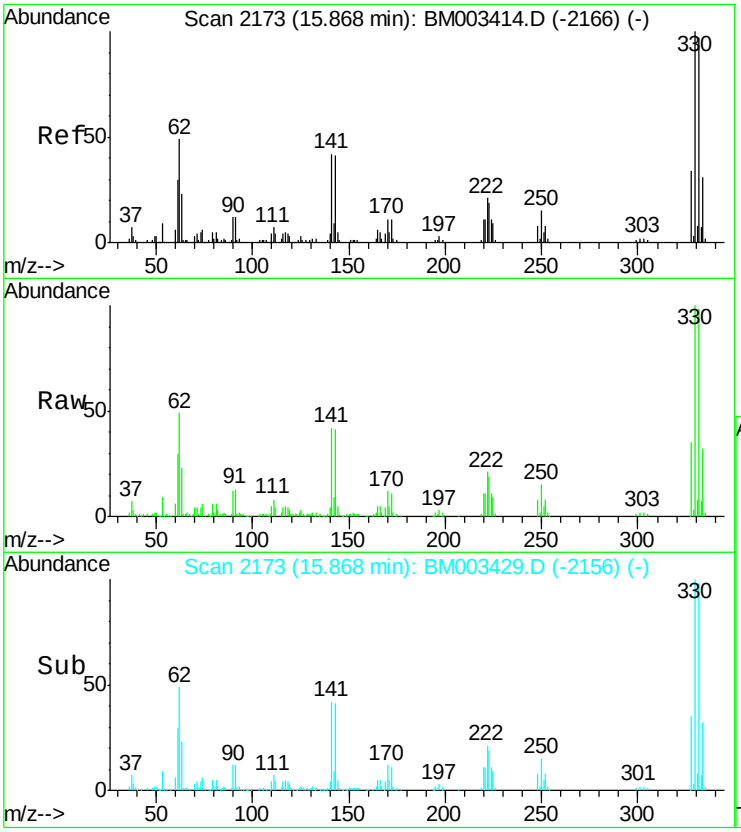


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.37 min Scan# 1919
Delta R.T. -0.00 min
Lab File: BM003429.D
Acq: 10 Dec 2015 01:06

Tgt Ion:164 Resp: 182831

Ion	Ratio	Lower	Upper
164	100		
162	99.9	82.4	123.6
160	44.7	35.8	53.6



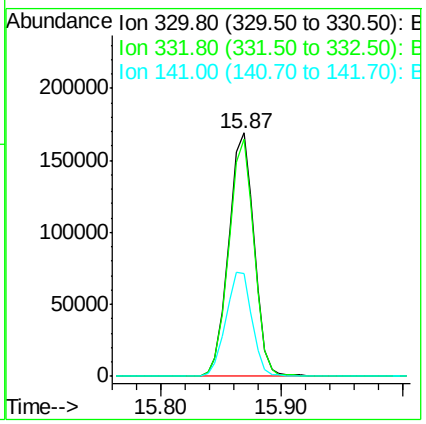


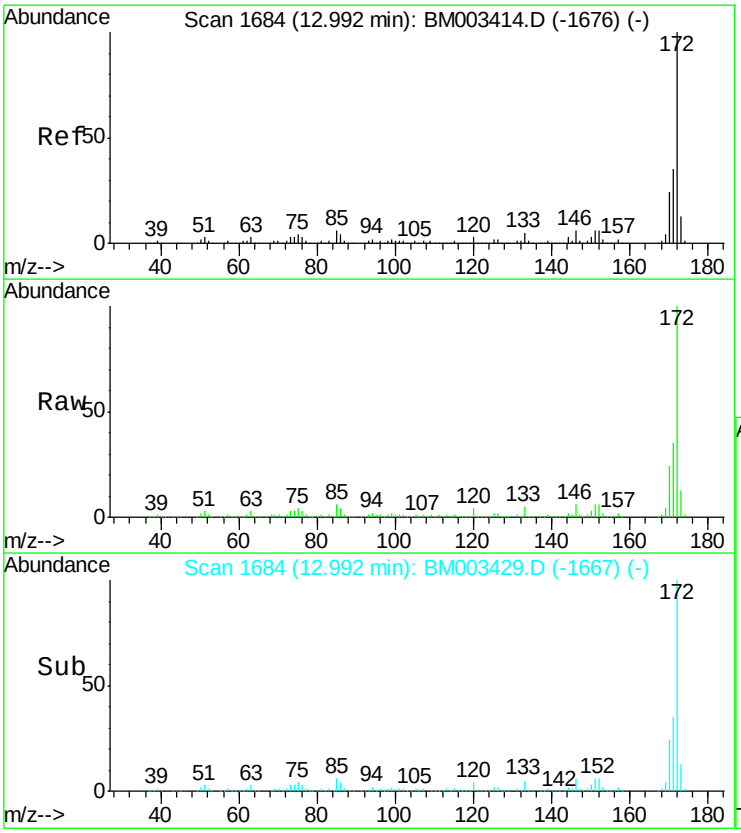
#41
2,4,6-Tribromophenol
Concen: 136.02 ng
RT: 15.87 min Scan# 2173
Delta R.T. -0.00 min
Lab File: BM003429.D
Acq: 10 Dec 2015 01:06

Instrument :
BNA_M
ClientSampleId :
S8-0528

Tgt Ion:330 Resp: 248357

Ion	Ratio	Lower	Upper
330	100		
332	96.5	0.0	0.0#
141	44.2	0.0	0.0#

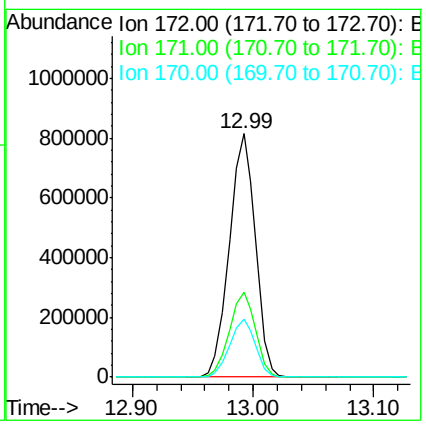


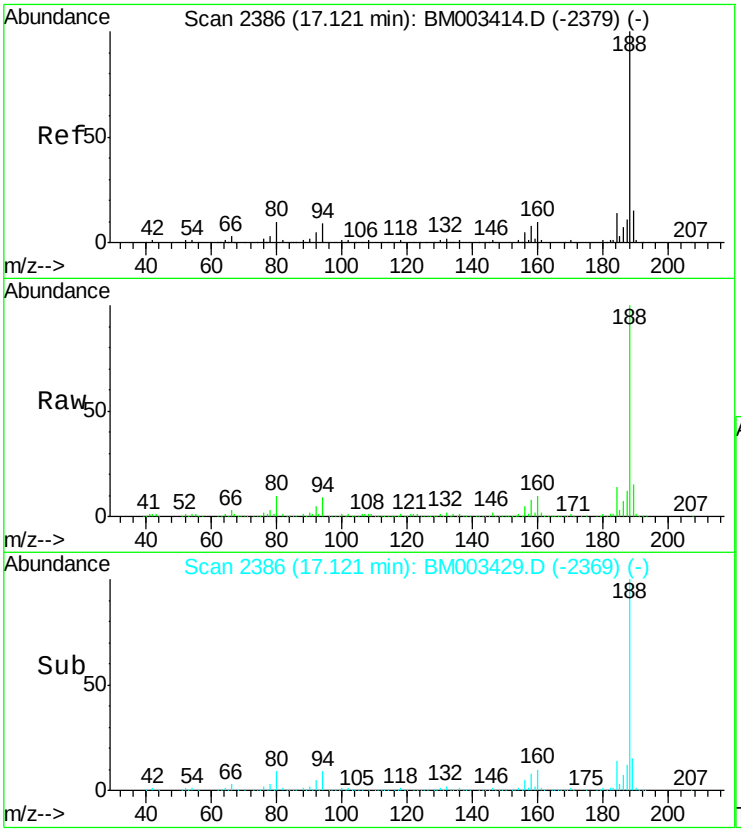


#44
2-Fluorobiphenyl
Concen: 91.06 ng
RT: 12.99 min Scan# 1684
Delta R.T. -0.00 min
Lab File: BM003429.D
Acq: 10 Dec 2015 01:06

Tgt Ion:172 Resp: 1221930

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.5	42.7
170	23.7	18.8	28.2



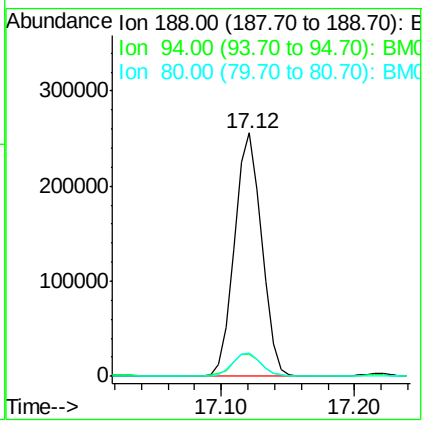


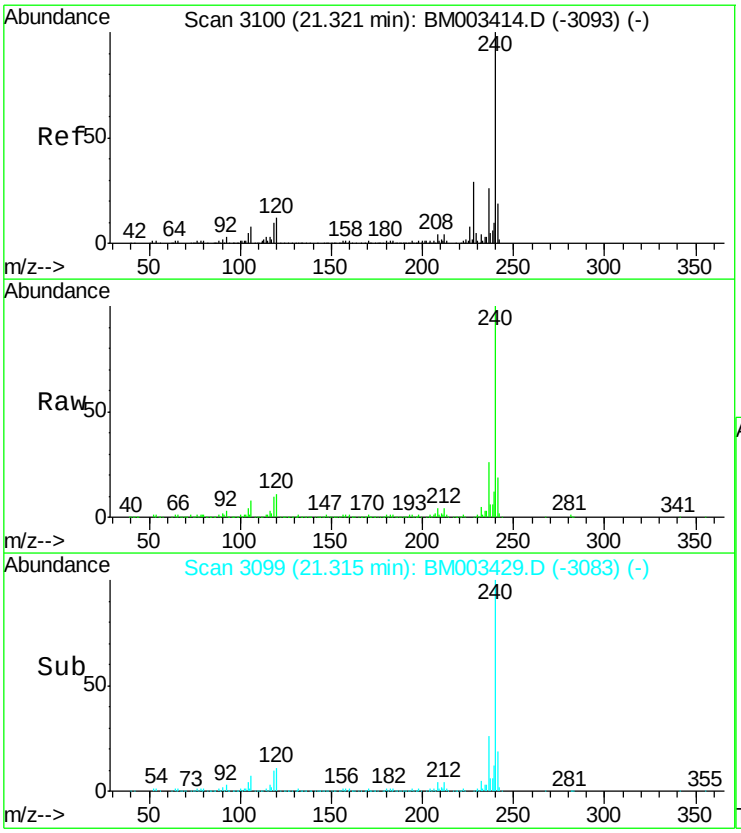
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.12 min Scan# 2386
Delta R.T. -0.00 min
Lab File: BM003429.D
Acq: 10 Dec 2015 01:06

Instrument :
BNA_M
ClientSampleId :
S8-0528

Tgt Ion:188 Resp: 361944

Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.7	13.1
80	9.6	9.3	13.9

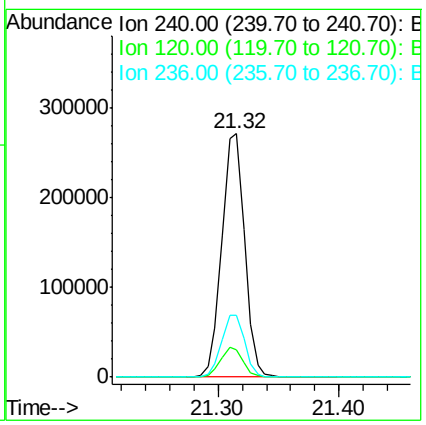


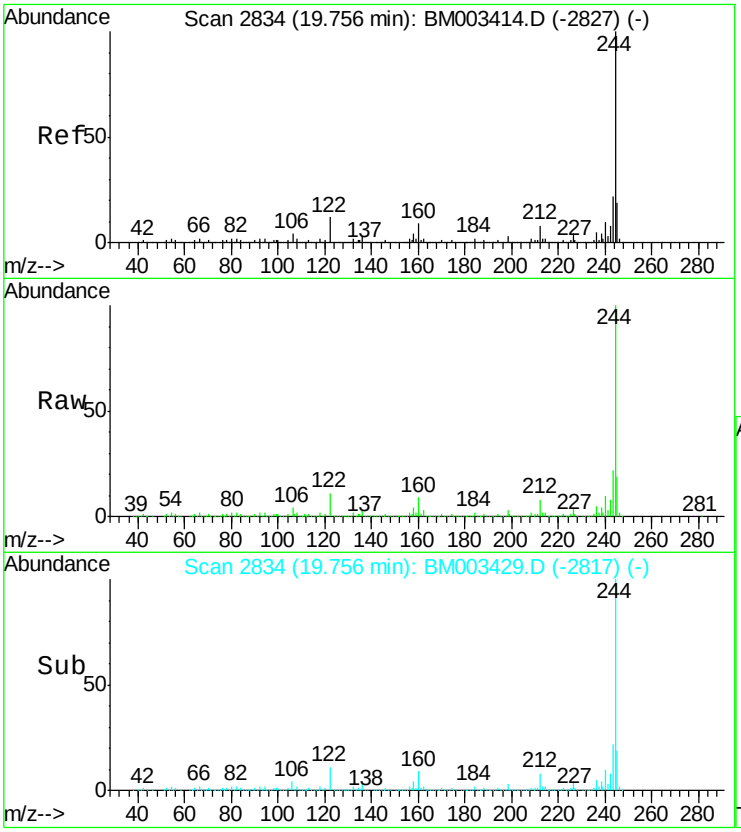


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.32 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM003429.D
Acq: 10 Dec 2015 01:06

Tgt Ion:240 Resp: 357289

Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.2	12.2
236	25.6	20.0	30.0



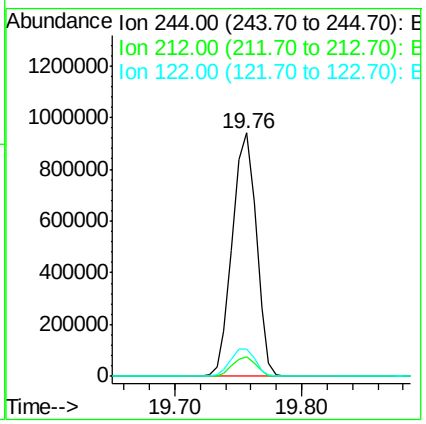


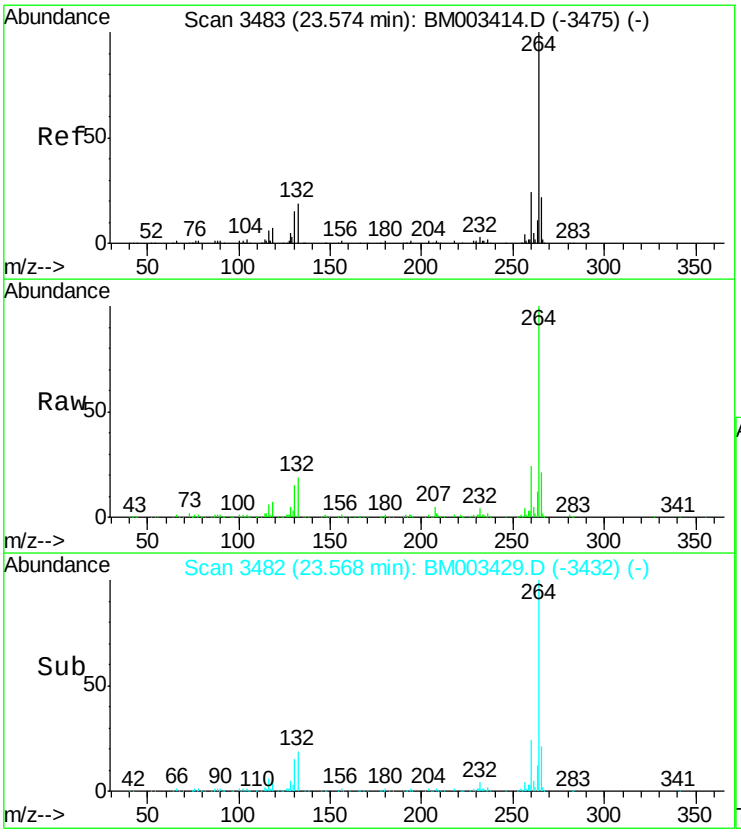
#78
Terphenyl-d14
Concen: 81.26 ng
RT: 19.76 min Scan# 2834
Delta R.T. -0.00 min
Lab File: BM003429.D
Acq: 10 Dec 2015 01:06

Instrument :
BNA_M
ClientSampleId :
S8-0528

Tgt Ion:244 Resp: 1231125

Ion	Ratio	Lower	Upper
244	100		
212	8.0	4.9	7.3#
122	11.4	6.2	9.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.57 min Scan# 3482
Delta R.T. -0.01 min
Lab File: BM003429.D
Acq: 10 Dec 2015 01:06

Tgt Ion:264 Resp: 351011

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	27.8
265	21.5	17.3	25.9