Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050119\
Data File : BM020089.D
Acq On : 01 May 2019 14:25
Operator : JU/SJ
Sample : PB119354BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB119354BL

Quant Time: May 02 01:29:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:58:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	90465	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	308305	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	181868	20.00	ng	0.00
64) Phenanthrene-d10	17.17	188	417200	20.00	ng	0.00
76) Chrysene-d12	21.36	240	413257	20.00	ng	0.00
87) Perylene-d12	23.65	264	463103	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	792144	143.13	ng	0.00
7) Phenol-d6	6.95	99	1070593	141.60	ng	0.00
23) Nitrobenzene-d5	8.96	82	773312	99.03	ng	0.00
42) 2,4,6-Tribromophenol	15.92	330	424511	150.38	ng	0.00
45) 2-Fluorobiphenyl	13.05	172	1521033	102.90	ng	0.00
79) Terphenyl-d14	19.80	244	2508048	105.86	ng	0.00
Target Compounds						Qvalue

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

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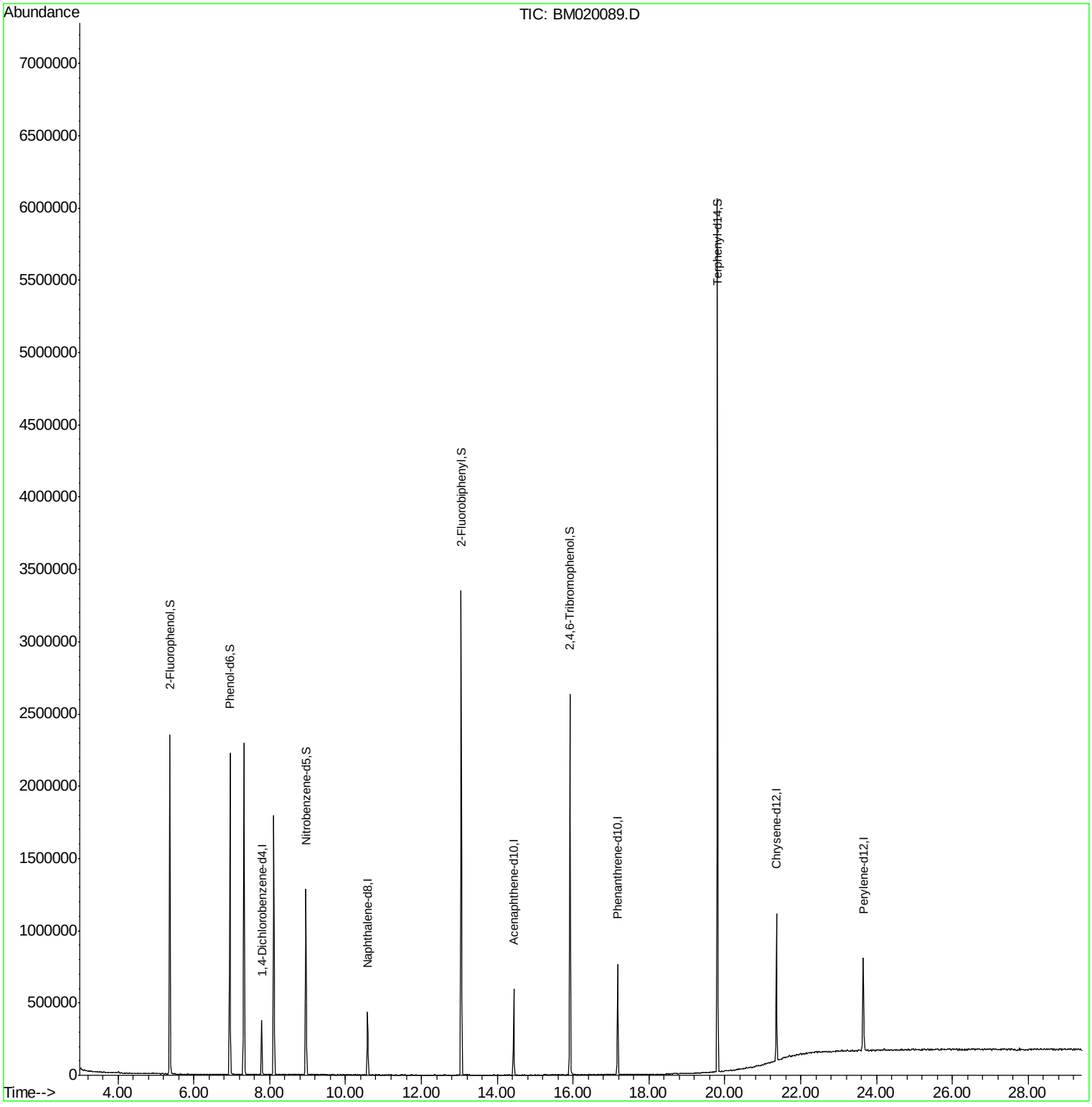
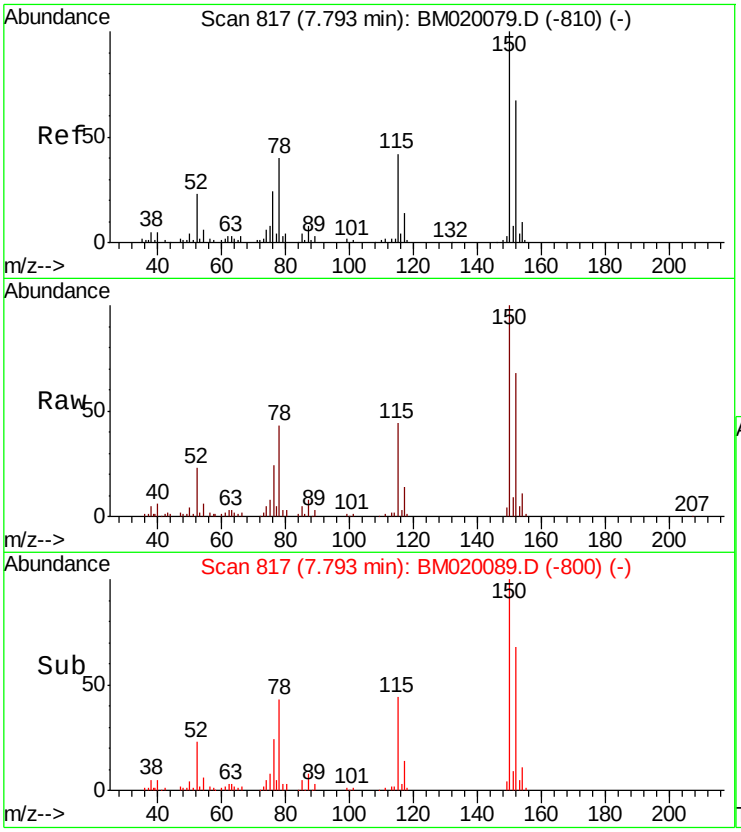


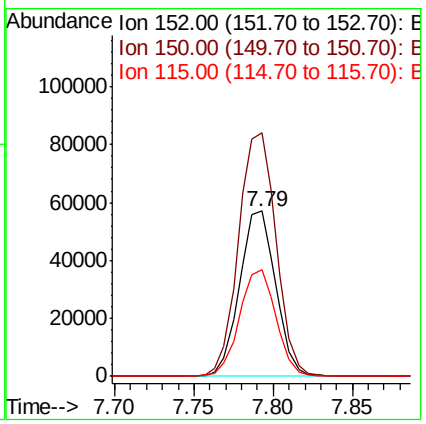


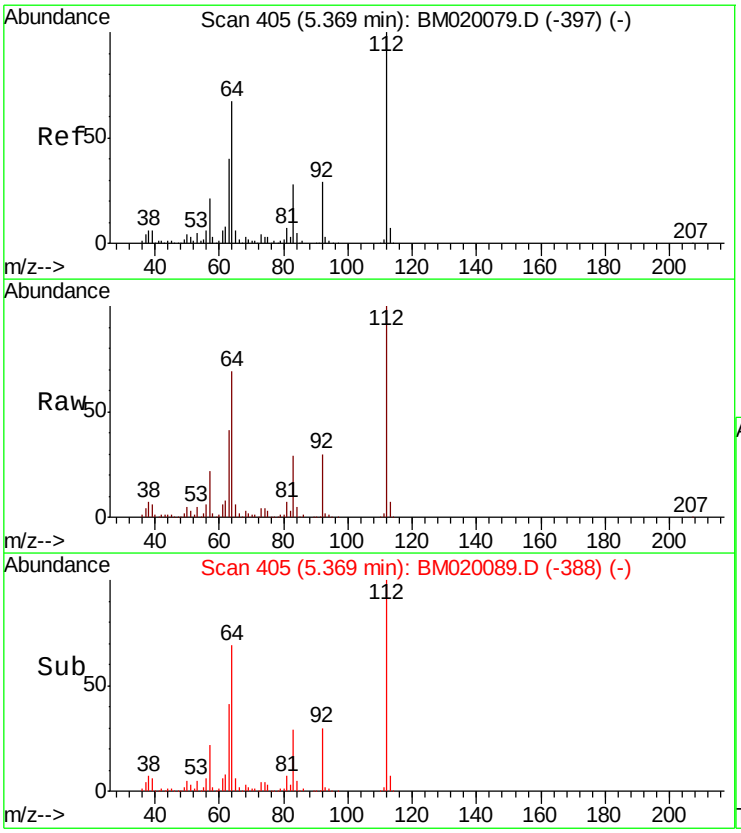
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.79 min Scan# 817
Delta R.T. 0.00 min
Lab File: BM020089.D
Acq: 01 May 2019 14:25

Instrument :
BNA_M
ClientSampleId :
PB119354BL

Tgt Ion:152 Resp: 90465

Ion	Ratio	Lower	Upper
152	100		
150	147.4	119.8	179.8
115	64.9	50.8	76.2

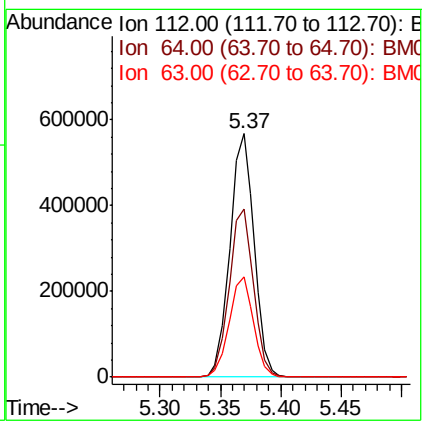


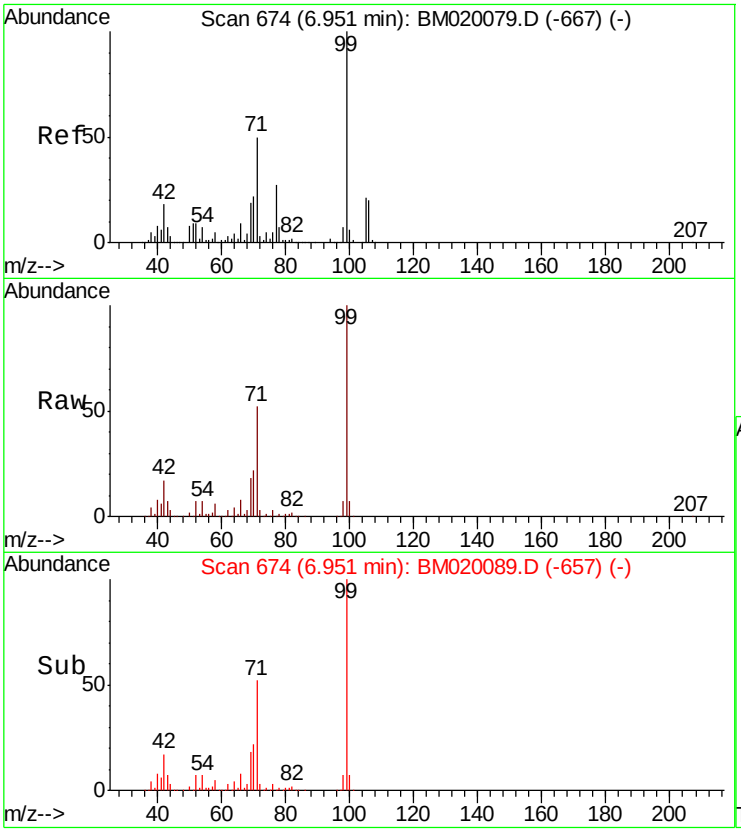


#5
2-Fluorophenol
Concen: 143.131 ng
RT: 5.37 min Scan# 405
Delta R.T. 0.00 min
Lab File: BM020089.D
Acq: 01 May 2019 14:25

Tgt Ion:112 Resp: 792144

Ion	Ratio	Lower	Upper
112	100		
64	68.9	53.8	80.6
63	41.0	32.3	48.5



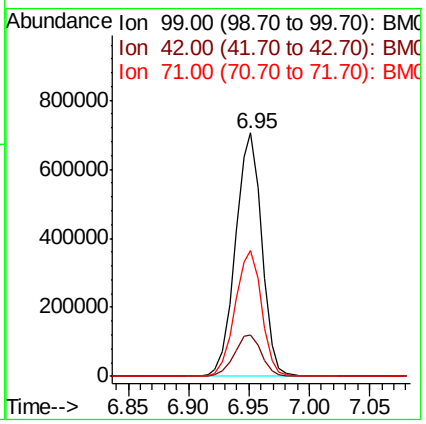


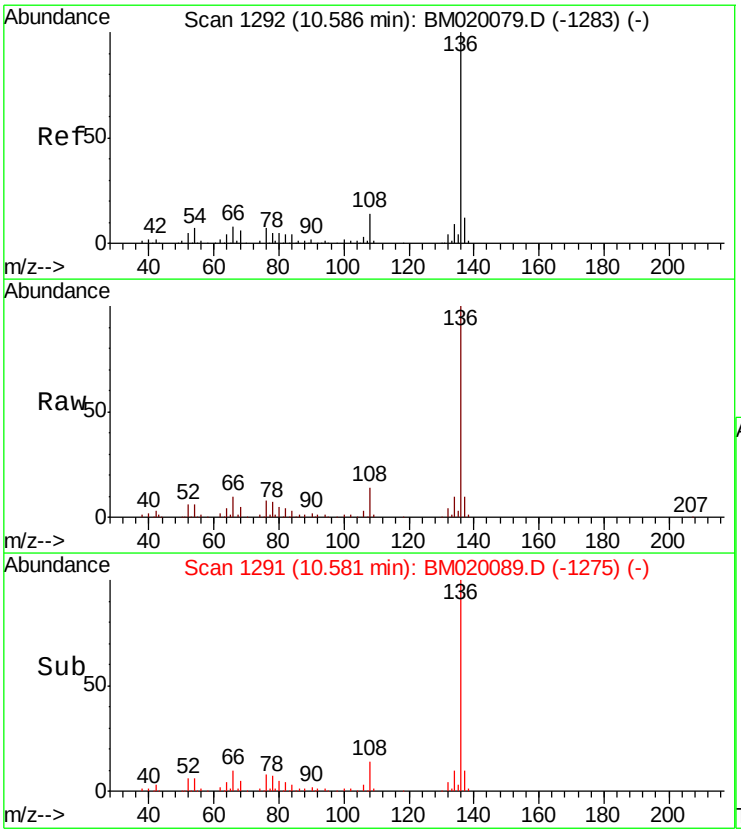
#7
Phenol-d6
Concen: 141.598 ng
RT: 6.95 min Scan# 674
Delta R.T. 0.00 min
Lab File: BM020089.D
Acq: 01 May 2019 14:25

Instrument :
BNA_M
ClientSampleId :
PB119354BL

Tgt Ion: 99 Resp: 1070593

Ion	Ratio	Lower	Upper
99	100		
42	17.0	14.2	21.2
71	51.9	40.3	60.5

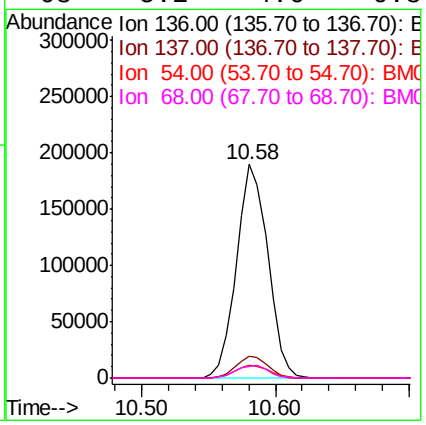


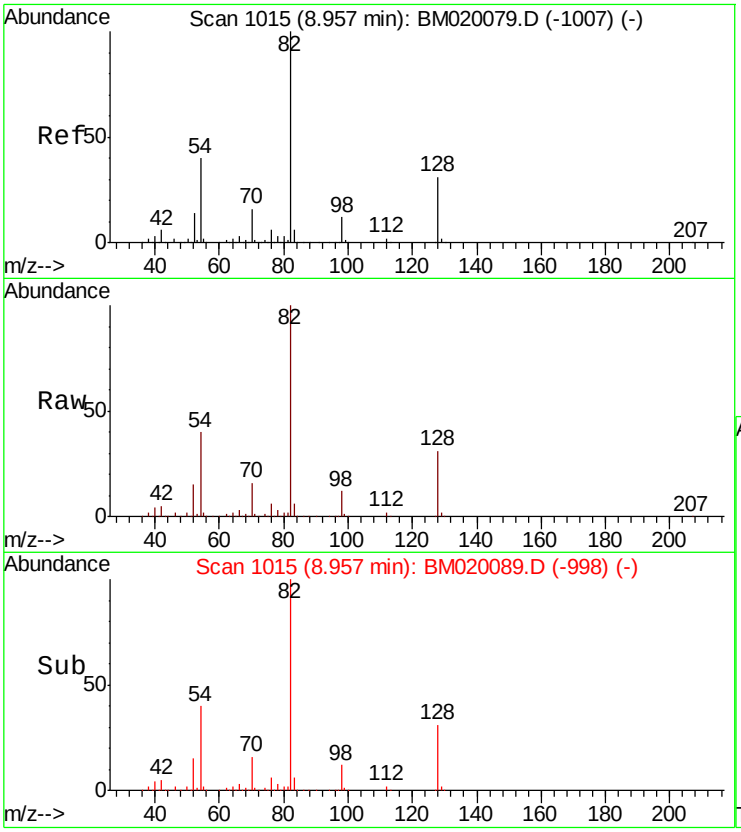


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.58 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BM020089.D
Acq: 01 May 2019 14:25

Tgt Ion:136 Resp: 308305

Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.6	14.4
54	5.8	5.5	8.3
68	5.2	4.6	6.8



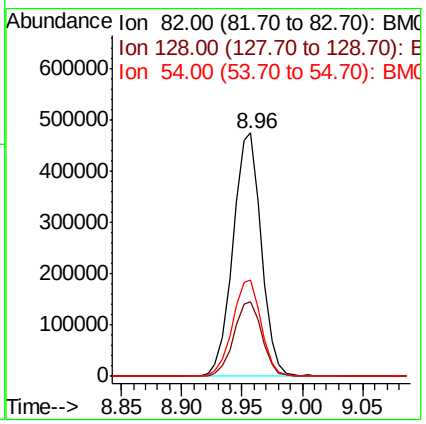


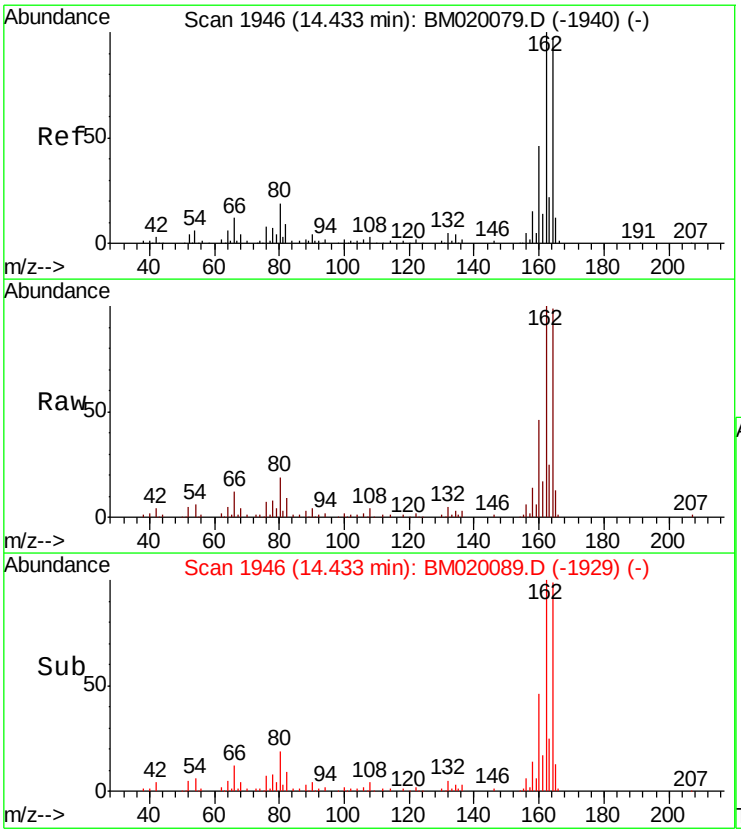
#23
Nitrobenzene-d5
Concen: 99.027 ng
RT: 8.96 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BM020089.D
Acq: 01 May 2019 14:25

Instrument :
BNA_M
ClientSampleId :
PB119354BL

Tgt Ion: 82 Resp: 773312

Ion	Ratio	Lower	Upper
82	100		
128	30.6	25.2	37.8
54	39.8	31.9	47.9

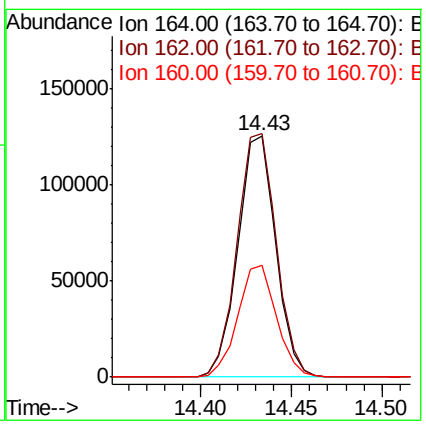


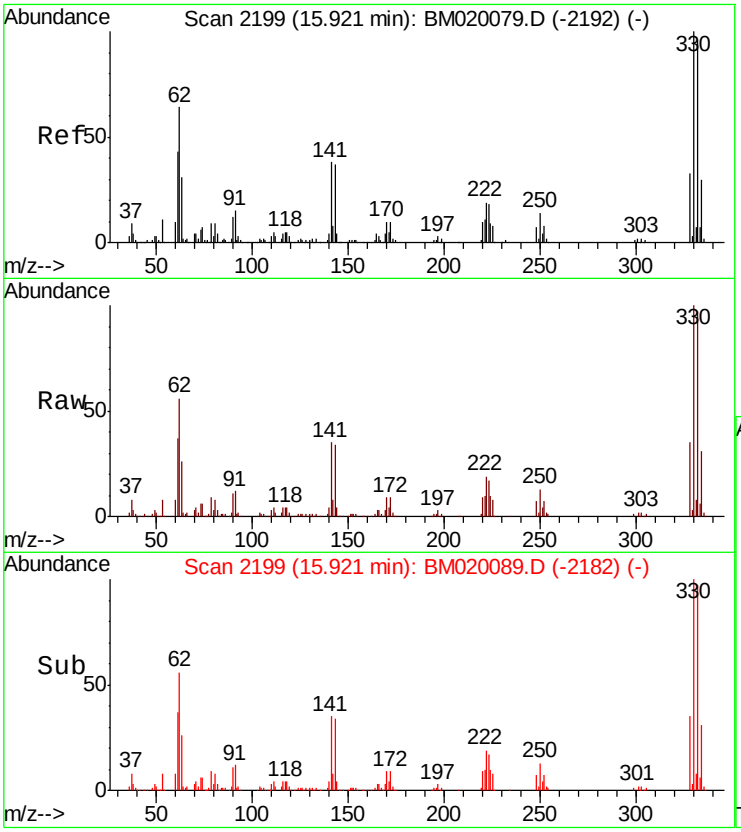


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.43 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BM020089.D
Acq: 01 May 2019 14:25

Tgt Ion:164 Resp: 181868

Ion	Ratio	Lower	Upper
164	100		
162	100.8	82.2	123.2
160	46.2	37.6	56.4



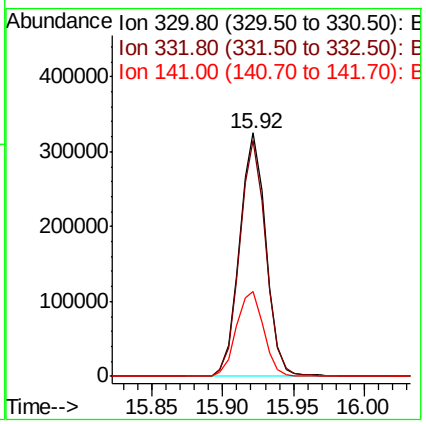


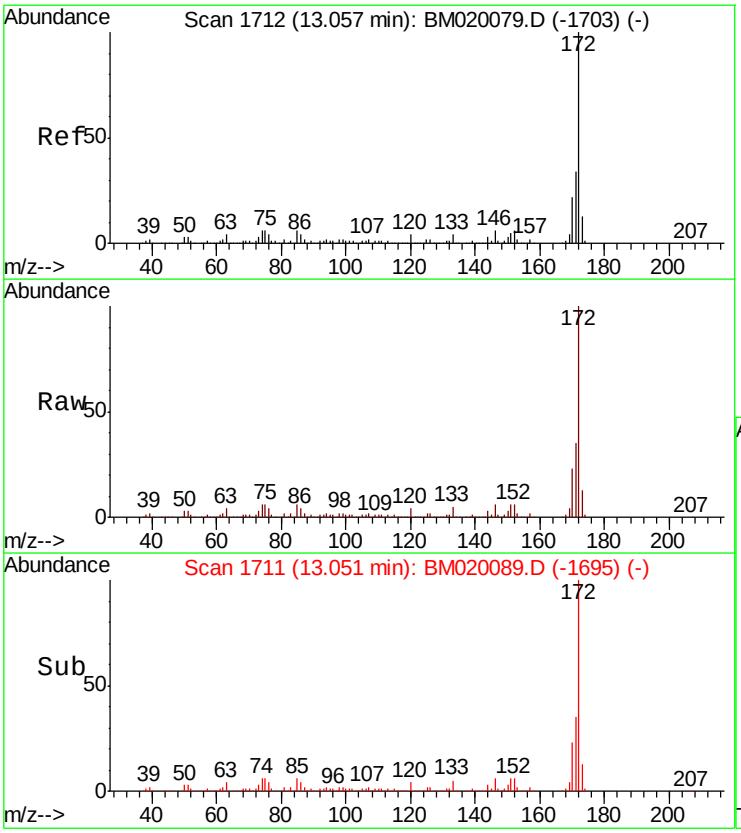
#42
2,4,6-Tribromophenol
Concen: 150.379 ng
RT: 15.92 min Scan# 2199
Delta R.T. 0.00 min
Lab File: BM020089.D
Acq: 01 May 2019 14:25

Instrument :
BNA_M
ClientSampleId :
PB119354BL

Tgt Ion:330 Resp: 424511

Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.8	115.2
141	36.2	29.2	43.8

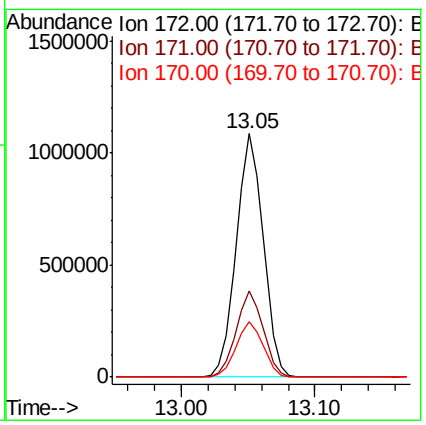


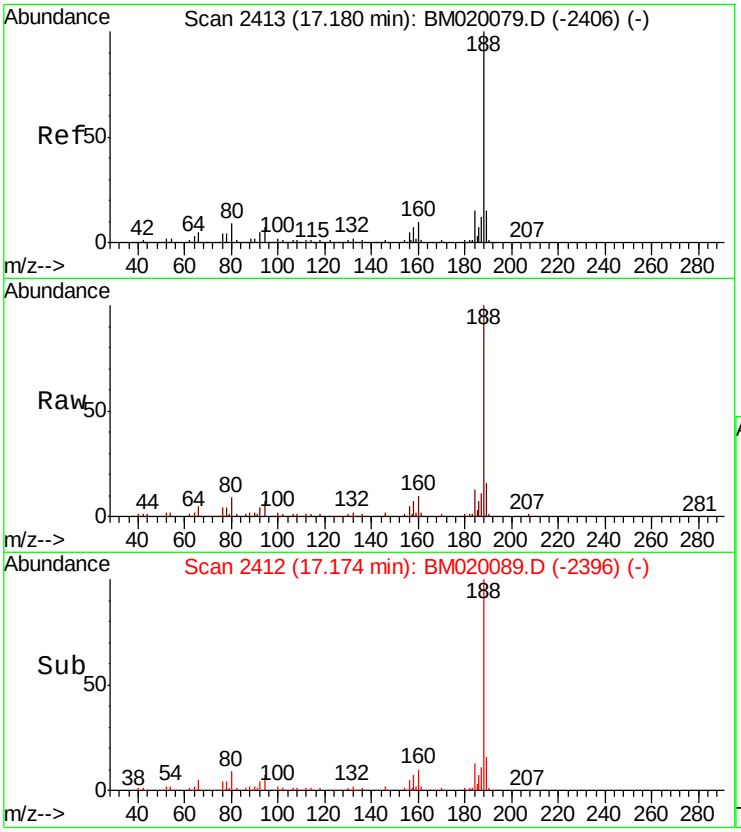


#45
2-Fluorobiphenyl
Concen: 102.900 ng
RT: 13.05 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BM020089.D
Acq: 01 May 2019 14:25

Tgt Ion:172 Resp: 1521033

Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.3	40.9
170	22.6	17.9	26.9



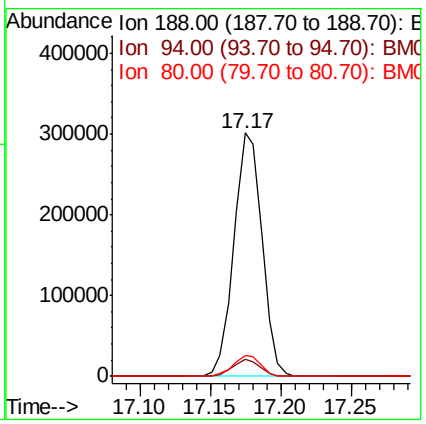


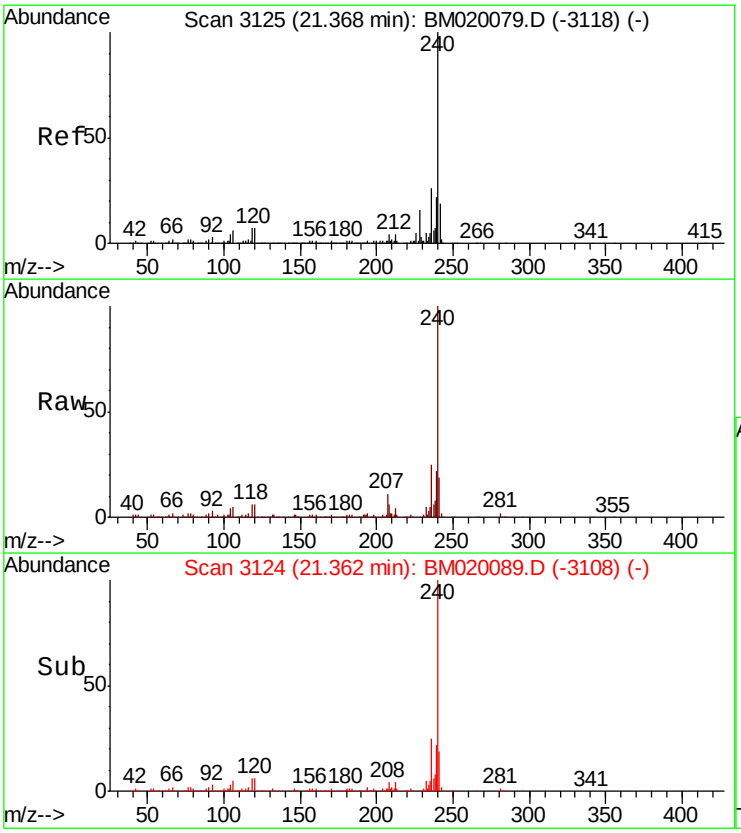
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.17 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BM020089.D
Acq: 01 May 2019 14:25

Instrument :
BNA_M
ClientSampleId :
PB119354BL

Tgt Ion:188 Resp: 417200

Ion	Ratio	Lower	Upper
188	100		
94	7.0	5.8	8.6
80	8.8	7.4	11.2

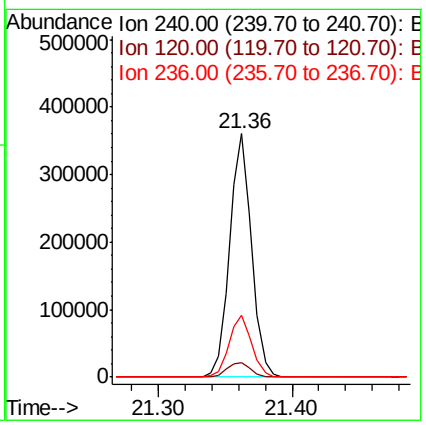


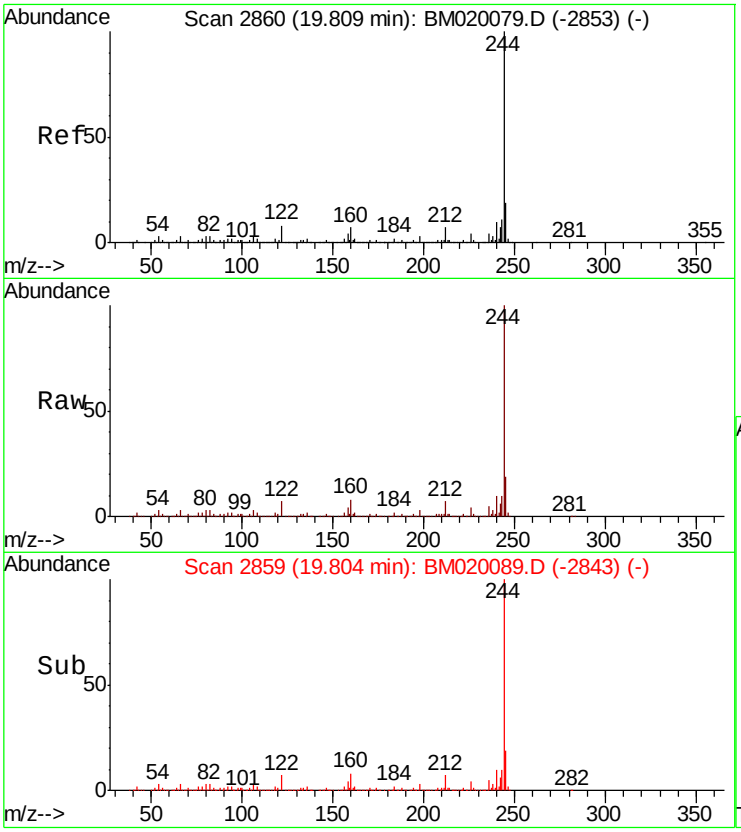


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.36 min Scan# 3124
Delta R.T. -0.01 min
Lab File: BM020089.D
Acq: 01 May 2019 14:25

Tgt Ion:240 Resp: 413257

Ion	Ratio	Lower	Upper
240	100		
120	6.1	5.6	8.4
236	25.5	20.9	31.3



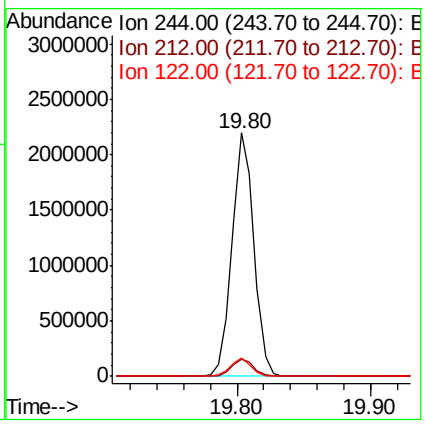


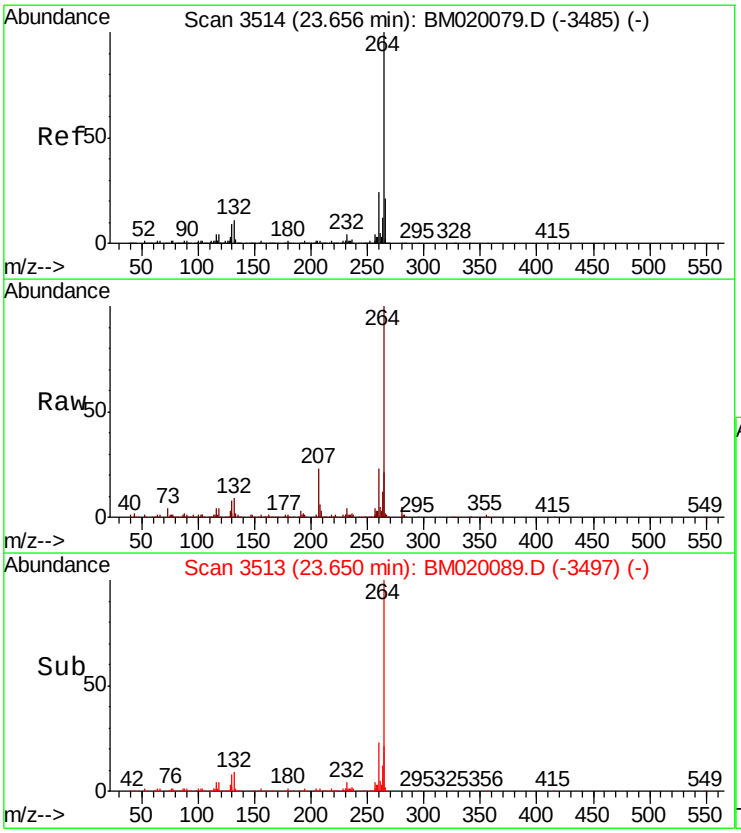
#79
Terphenyl-d14
Concen: 105.856 ng
RT: 19.80 min Scan# 2859
Delta R.T. -0.01 min
Lab File: BM020089.D
Acq: 01 May 2019 14:25

Instrument :
BNA_M
ClientSampleId :
PB119354BL

Tgt Ion:244 Resp: 2508048

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	7.4	6.2	9.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.65 min Scan# 3513
Delta R.T. -0.01 min
Lab File: BM020089.D
Acq: 01 May 2019 14:25

Tgt Ion:264 Resp: 463103

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.3	16.9	25.3