Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052319\
Data File : BM020530.D
Acq On : 23 May 2019 23:46
Operator : JU/SJ
Sample : K2968-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EFFL-5B

Quant Time: May 24 03:39:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 23 13:59:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	45900	20.00	ng		0.00
21) Naphthalene-d8	10.46	136	152069	20.00	ng		0.00
39) Acenaphthene-d10	14.33	164	94187	20.00	ng		0.00
64) Phenanthrene-d10	17.08	188	243308	20.00	ng		0.00
76) Chrysene-d12	21.27	240	298203	20.00	ng		-0.01
87) Perylene-d12	23.52	264	345336	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	58974	21.00	ng		0.00
7) Phenol-d6	6.84	99	46863	12.22	ng		-0.01
23) Nitrobenzene-d5	8.84	82	249166	64.69	ng		0.00
42) 2,4,6-Tribromophenol	15.83	330	67795	46.37	ng		0.00
45) 2-Fluorobiphenyl	12.94	172	485825	63.46	ng		0.00
79) Terphenyl-d14	19.72	244	960763	56.20	ng		0.00
Target Compounds							Qvalue
6) Aniline	7.00	93	13351	2.765	ng		98
22) Acetophenone	8.50	105	37424	9.005	ng	#	96
50) Dimethylphthalate	13.79	163	60486	7.556	ng		98

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

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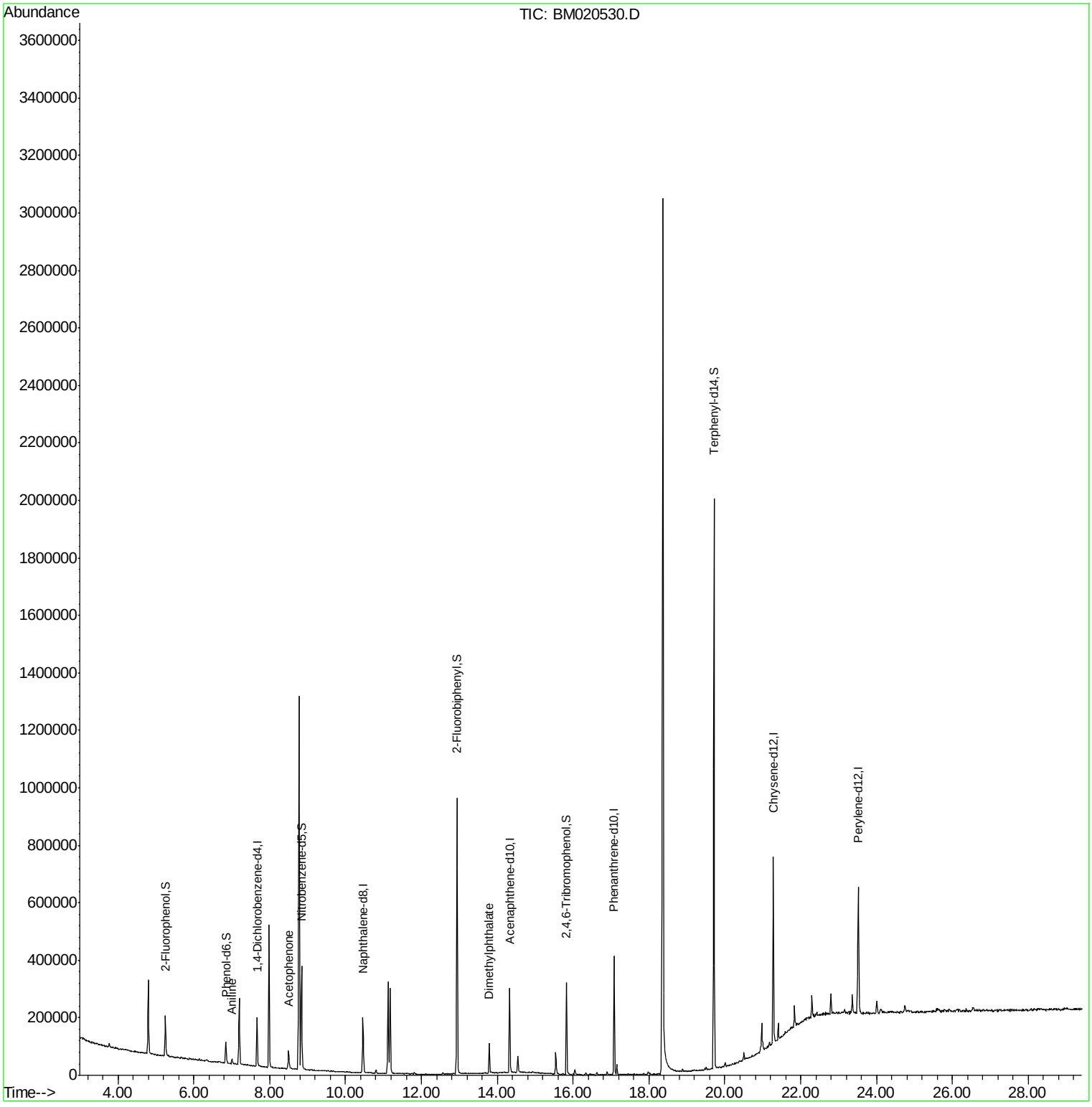
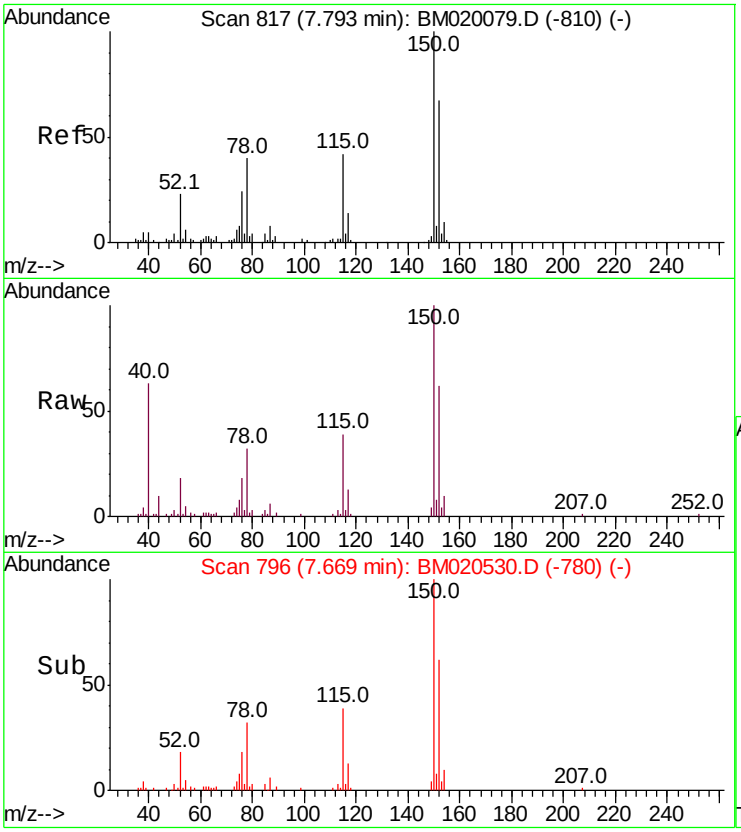


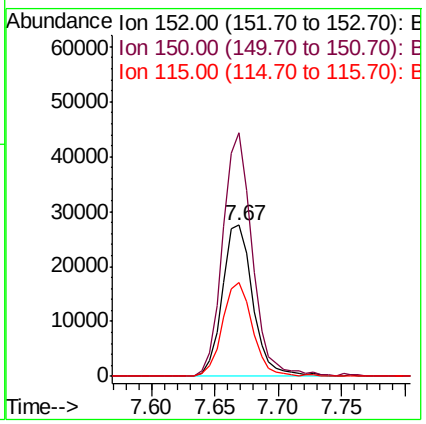


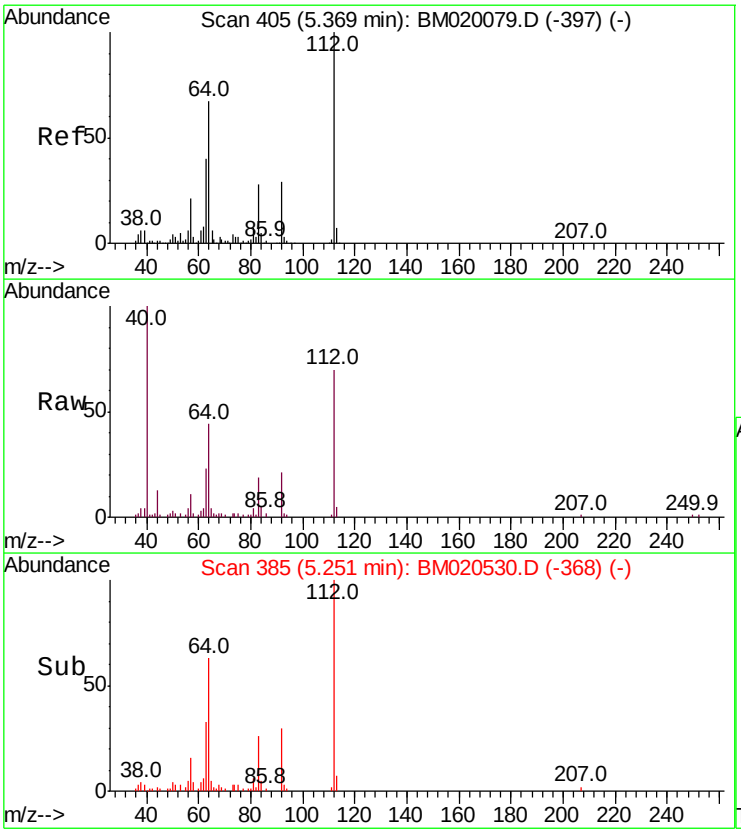
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 796
Delta R.T. -0.01 min
Lab File: BM020530.D
Acq: 23 May 2019 23:46

Instrument :
BNA_M
ClientSampleId :
EFFL-5B

Tgt Ion:152 Resp: 45900

Ion	Ratio	Lower	Upper
152	100		
150	161.0	119.8	179.8
115	62.1	50.8	76.2

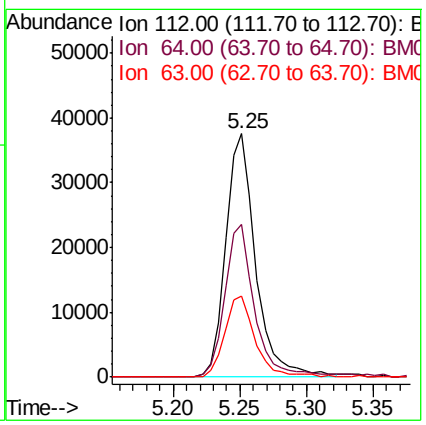


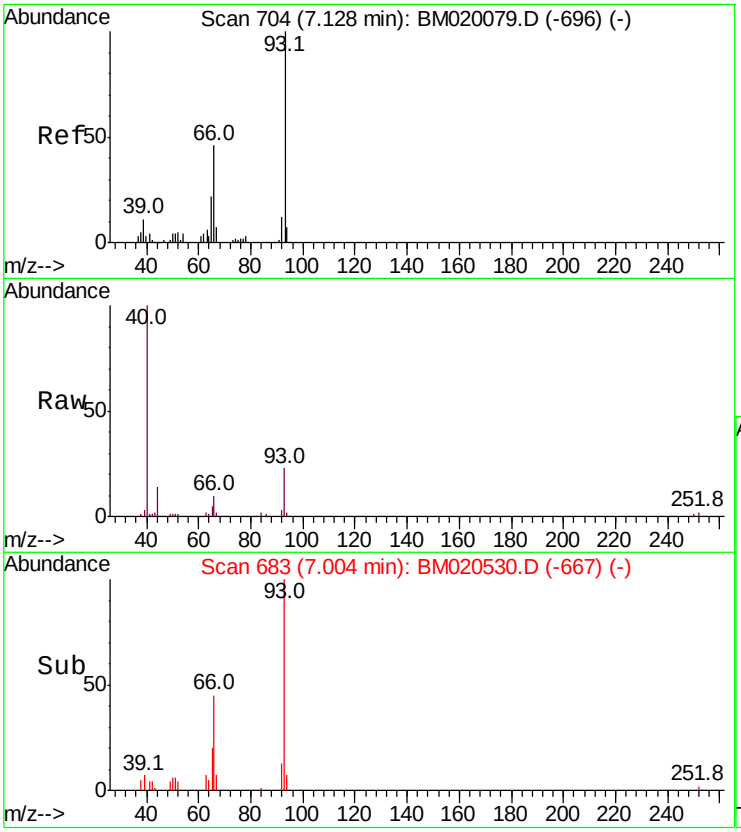


#5
2-Fluorophenol
Concen: 21.002 ng
RT: 5.25 min Scan# 385
Delta R.T. 0.00 min
Lab File: BM020530.D
Acq: 23 May 2019 23:46

Tgt Ion:112 Resp: 58974

Ion	Ratio	Lower	Upper
112	100		
64	62.9	53.8	80.6
63	33.3	32.3	48.5



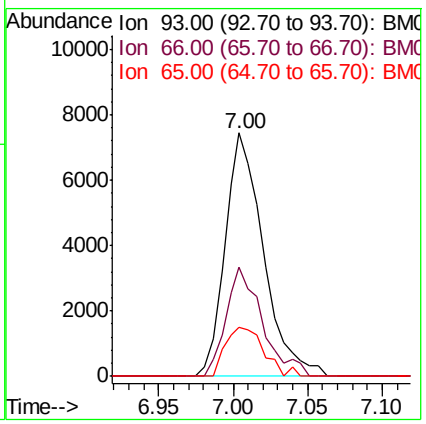


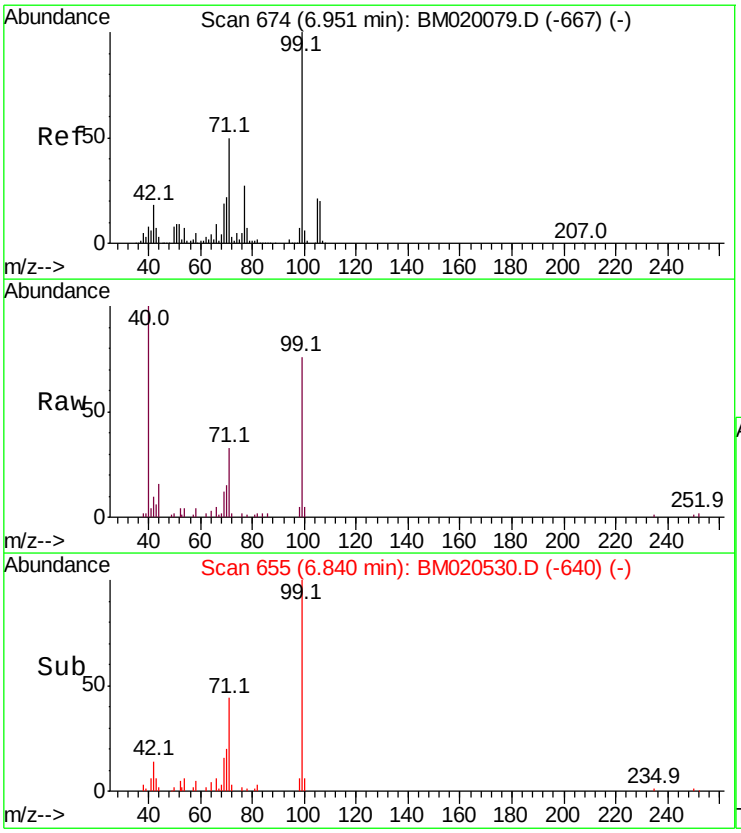
#6
Aniline
Concen: 2.765 ng
RT: 7.00 min Scan# 683
Delta R.T. -0.01 min
Lab File: BM020530.D
Acq: 23 May 2019 23:46

Instrument :
BNA_M
ClientSampleId :
EFFL-5B

Tgt Ion: 93 Resp: 13351

Ion	Ratio	Lower	Upper
93	100		
66	44.8	36.6	54.8
65	20.0	17.8	26.6

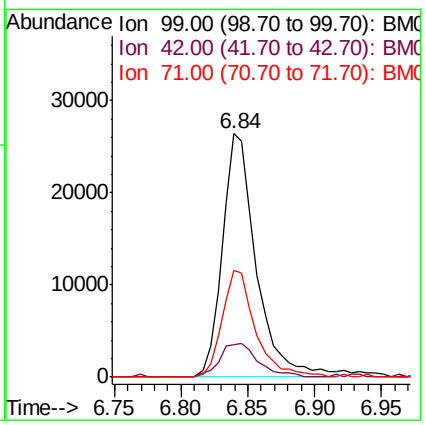


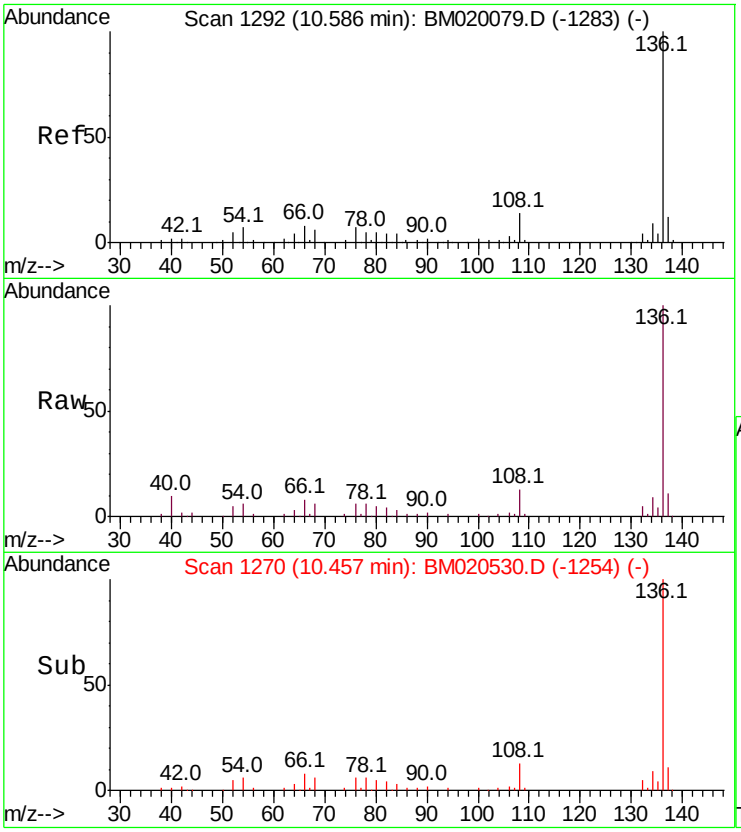


#7
Phenol-d6
Concen: 12.216 ng
RT: 6.84 min Scan# 655
Delta R.T. -0.01 min
Lab File: BM020530.D
Acq: 23 May 2019 23:46

Tgt Ion: 99 Resp: 46863

Ion	Ratio	Lower	Upper
99	100		
42	13.5	14.2	21.2#
71	43.6	40.3	60.5



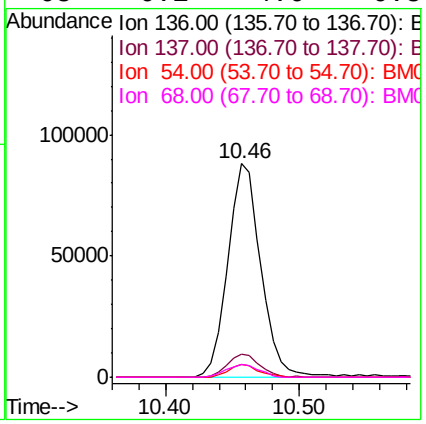


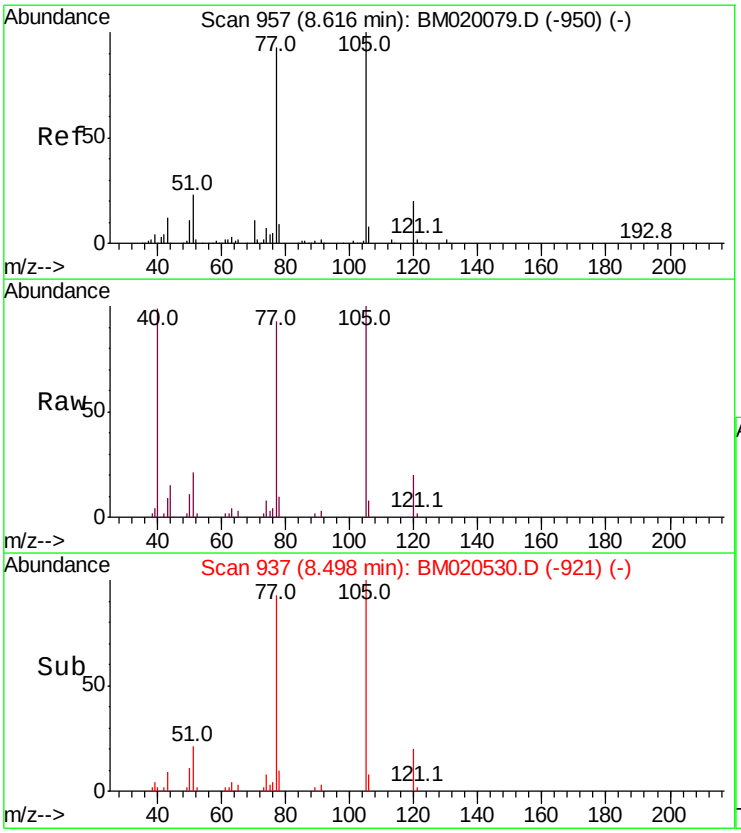
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BM020530.D
Acq: 23 May 2019 23:46

Instrument :
BNA_M
ClientSampleId :
EFFL-5B

Tgt Ion:136 Resp: 152069

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.6	14.4
54	6.0	5.5	8.3
68	6.1	4.6	6.8

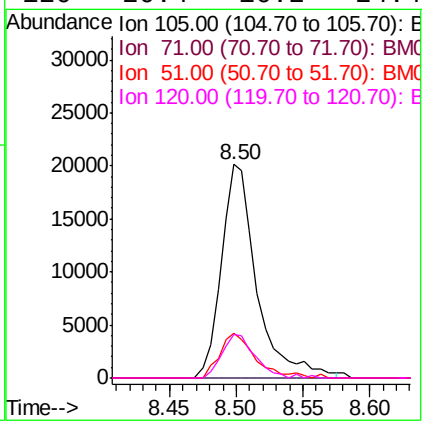


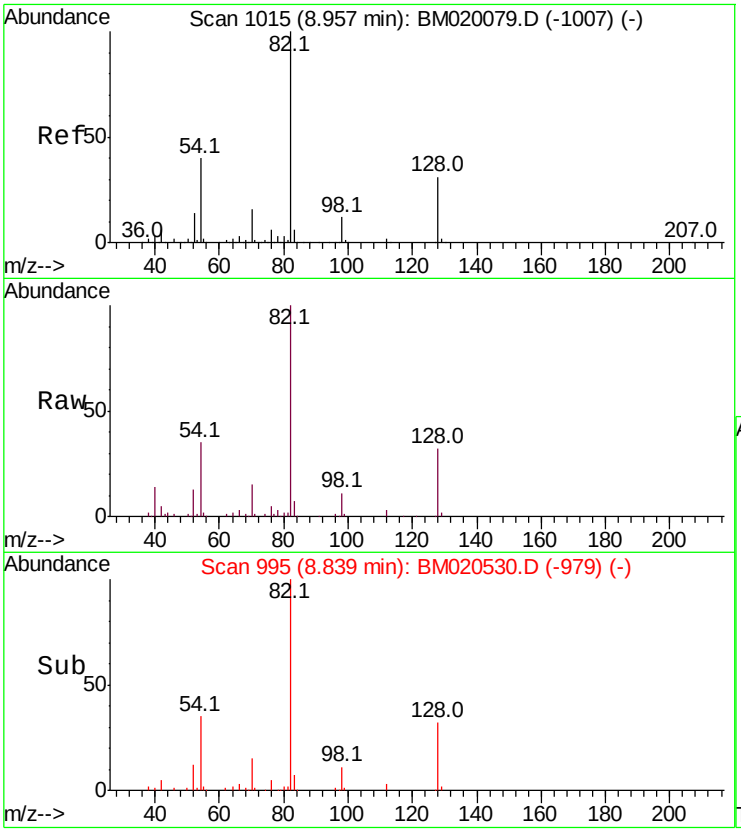


#22
Acetophenone
Concen: 9.005 ng
RT: 8.50 min Scan# 937
Delta R.T. -0.01 min
Lab File: BM020530.D
Acq: 23 May 2019 23:46

Tgt Ion:105 Resp: 37424

Ion	Ratio	Lower	Upper
105	100		
71	0.0	2.2	3.2#
51	20.8	19.3	28.9
120	20.4	16.2	24.4



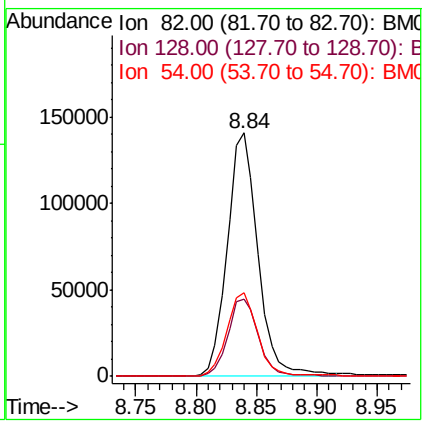


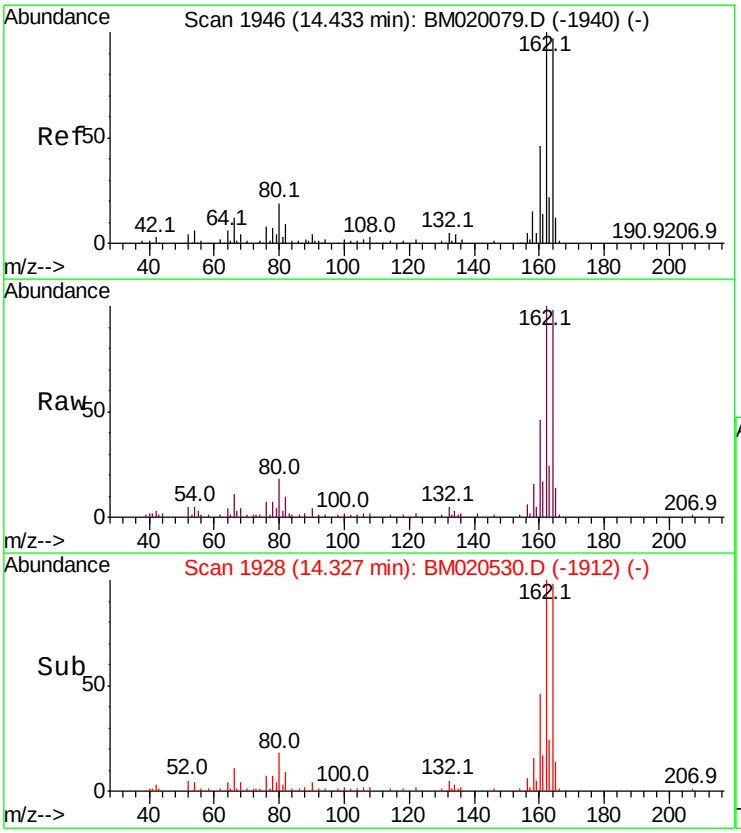
#23
Nitrobenzene-d5
Concen: 64.688 ng
RT: 8.84 min Scan# 995
Delta R.T. -0.01 min
Lab File: BM020530.D
Acq: 23 May 2019 23:46

Instrument :
BNA_M
ClientSampleId :
EFFL-5B

Tgt Ion: 82 Resp: 249166

Ion	Ratio	Lower	Upper
82	100		
128	31.8	25.2	37.8
54	34.6	31.9	47.9

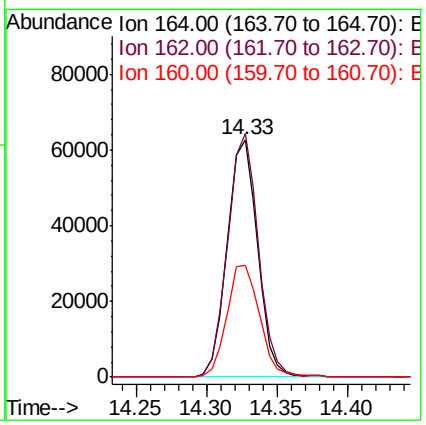


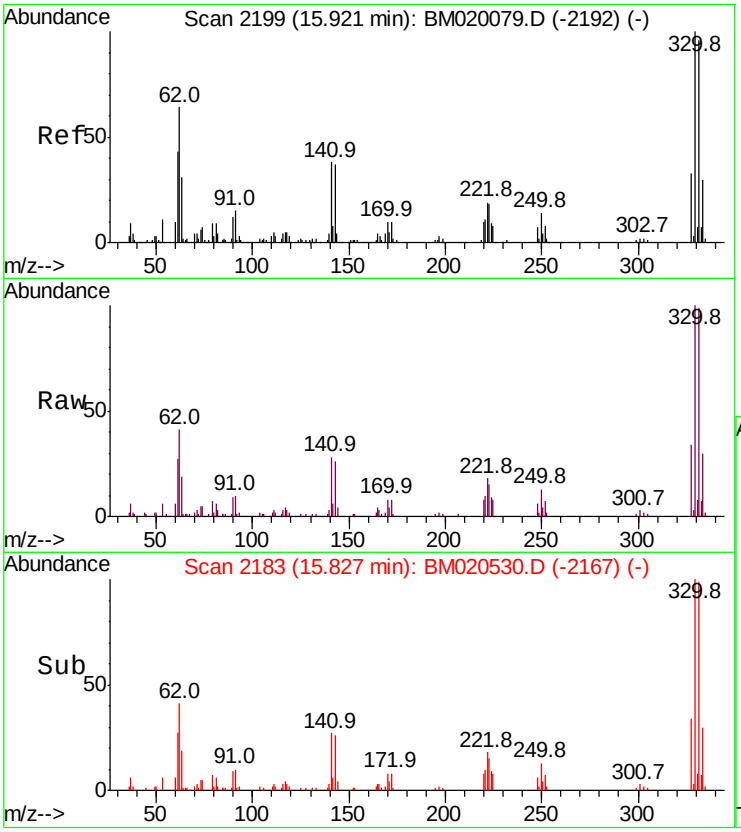


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.33 min Scan# 1928
Delta R.T. -0.01 min
Lab File: BM020530.D
Acq: 23 May 2019 23:46

Tgt Ion:164 Resp: 94187

Ion	Ratio	Lower	Upper
164	100		
162	102.4	82.2	123.2
160	47.3	37.6	56.4



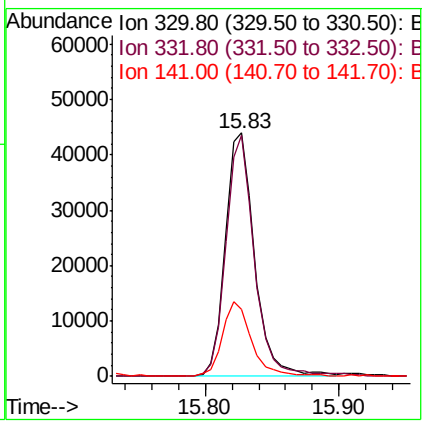


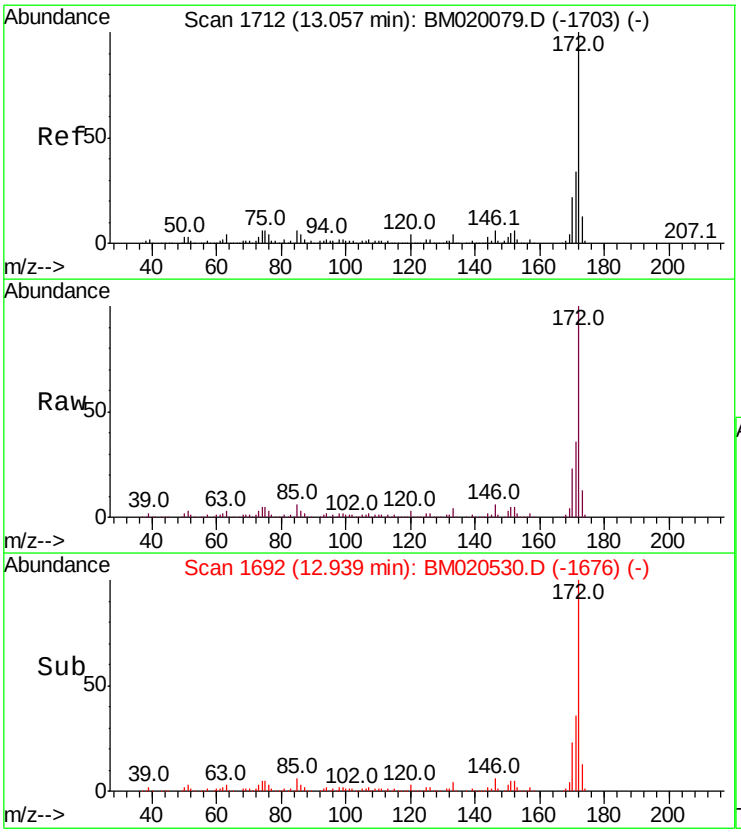
#42
2,4,6-Tribromophenol
Concen: 46.373 ng
RT: 15.83 min Scan# 2183
Delta R.T. -0.01 min
Lab File: BM020530.D
Acq: 23 May 2019 23:46

Instrument :
BNA_M
ClientSampleId :
EFFL-5B

Tgt Ion:330 Resp: 67795

Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.8	115.2
141	30.7	29.2	43.8

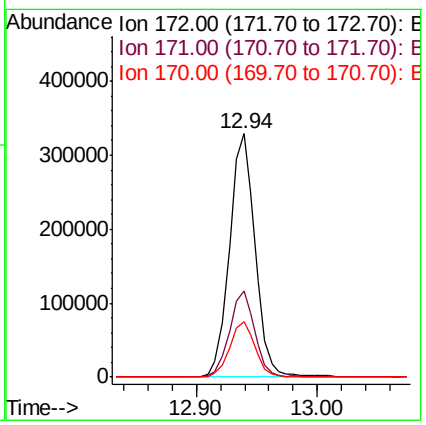


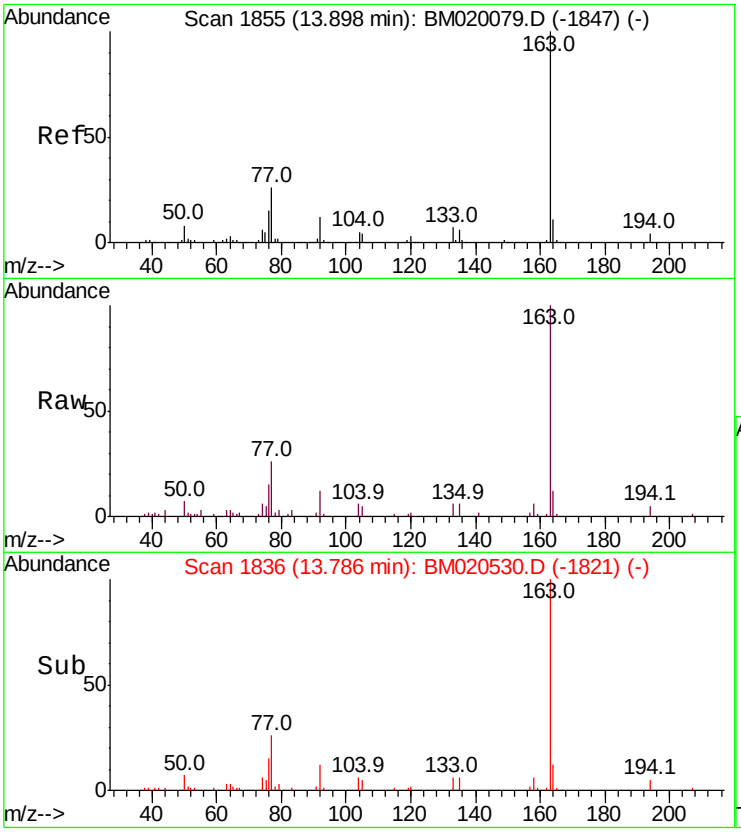


#45
2-Fluorobiphenyl
Concen: 63.463 ng
RT: 12.94 min Scan# 1692
Delta R.T. -0.01 min
Lab File: BM020530.D
Acq: 23 May 2019 23:46

Tgt Ion:172 Resp: 485825

Ion	Ratio	Lower	Upper
172	100		
171	35.6	27.3	40.9
170	22.8	17.9	26.9



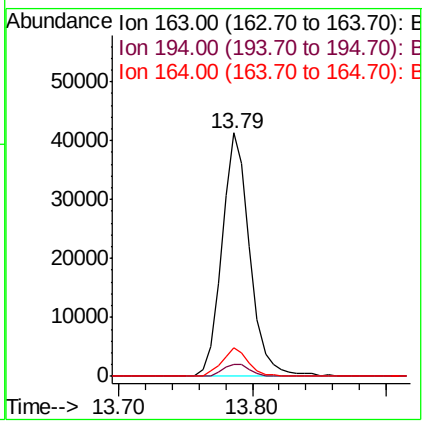


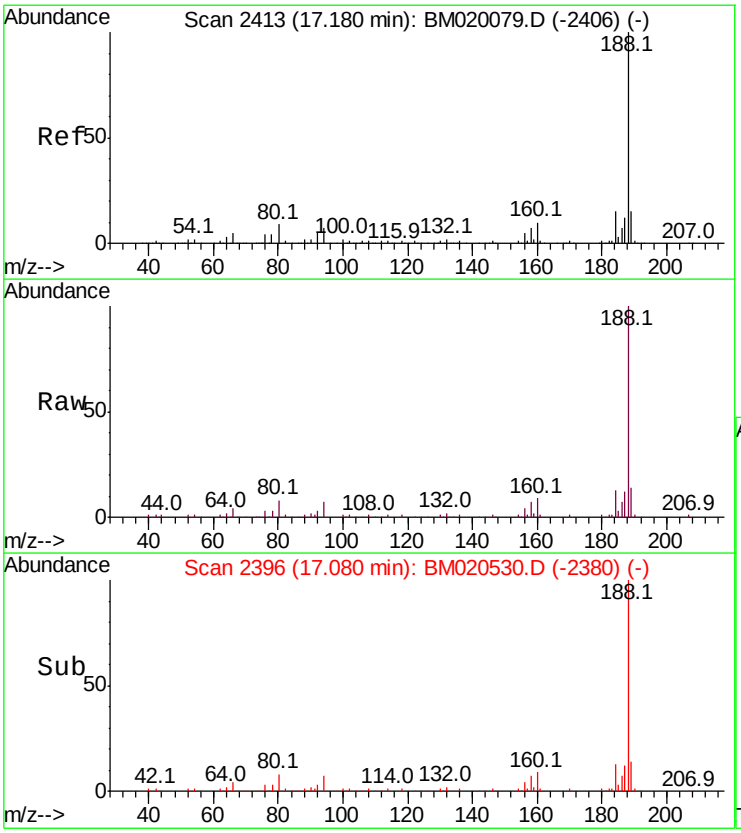
#50
Dimethylphthalate
Concen: 7.556 ng
RT: 13.79 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BM020530.D
Acq: 23 May 2019 23:46

Instrument :
BNA_M
ClientSampleId :
EFFL-5B

Tgt Ion:163 Resp: 60486

Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.6	5.4
164	11.5	8.4	12.6

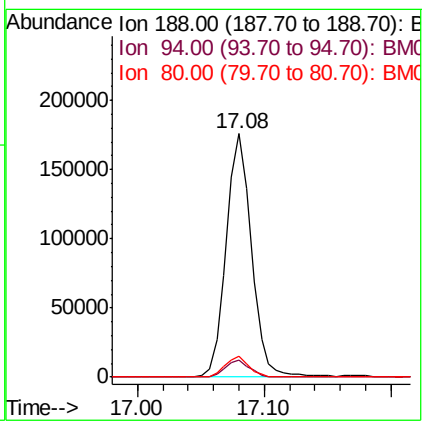


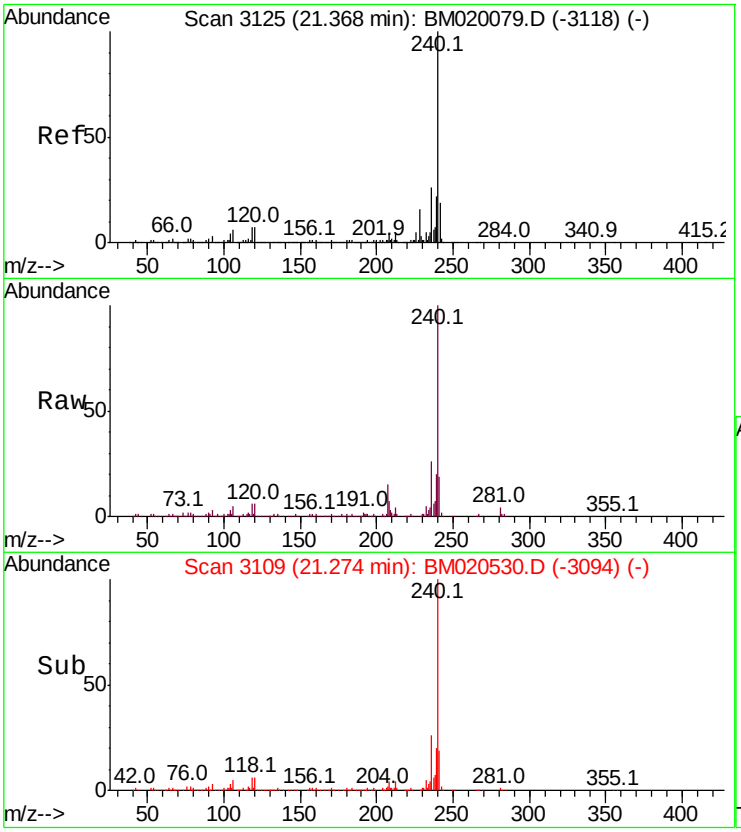


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.08 min Scan# 2396
Delta R.T. -0.01 min
Lab File: BM020530.D
Acq: 23 May 2019 23:46

Tgt Ion:188 Resp: 243308

Ion	Ratio	Lower	Upper
188	100		
94	6.9	5.8	8.6
80	8.5	7.4	11.2



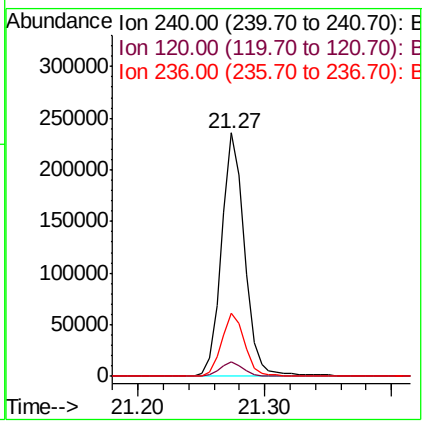


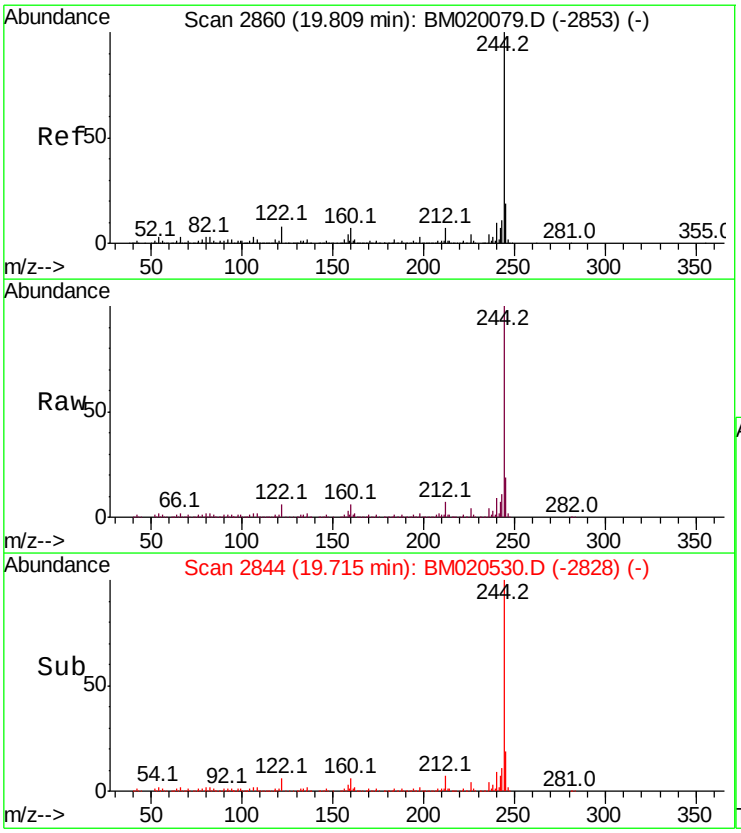
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.27 min Scan# 3109
Delta R.T. -0.01 min
Lab File: BM020530.D
Acq: 23 May 2019 23:46

Instrument :
BNA_M
ClientSampleId :
EFFL-5B

Tgt Ion:240 Resp: 298203

Ion	Ratio	Lower	Upper
240	100		
120	5.7	5.6	8.4
236	25.9	20.9	31.3

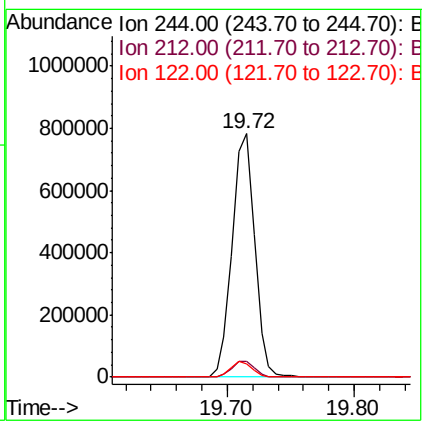


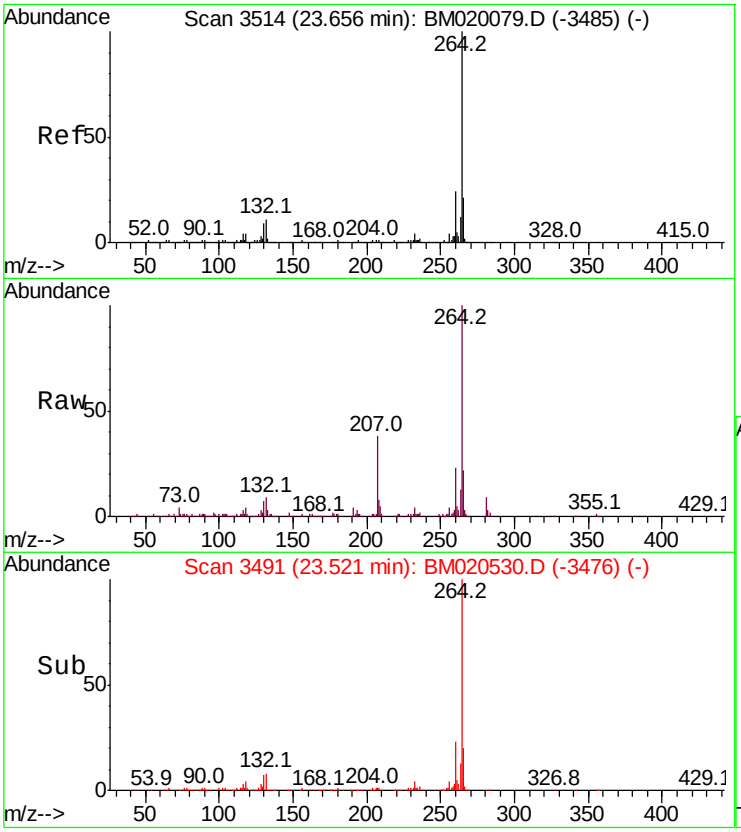


#79
Terphenyl-d14
Concen: 56.196 ng
RT: 19.72 min Scan# 2844
Delta R.T. -0.01 min
Lab File: BM020530.D
Acq: 23 May 2019 23:46

Tgt Ion:244 Resp: 960763

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.7	8.5
122	5.7	6.2	9.2#





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.52 min Scan# 3491
Delta R.T. -0.01 min
Lab File: BM020530.D
Acq: 23 May 2019 23:46

Instrument :
BNA_M
ClientSampleId :
EFFL-5B

Tgt Ion:264 Resp: 345336

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.5	16.9	25.3