Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052319\
Data File : BM020528.D
Acq On : 23 May 2019 22:34
Operator : JU/SJ
Sample : K2647-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SU-03-052219-A

Quant Time: May 24 02:11:53 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	54546	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	171018	20.00	ng	0.00
39) Acenaphthene-d10	14.33	164	104702	20.00	ng	0.00
64) Phenanthrene-d10	17.08	188	256763	20.00	ng	0.00
76) Chrysene-d12	21.27	240	287198	20.00	ng	-0.01
87) Perylene-d12	23.51	264	348458	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	423167	126.81	ng	0.00
7) Phenol-d6	6.85	99	499092	109.48	ng	0.00
23) Nitrobenzene-d5	8.84	82	389373	89.89	ng	0.00
42) 2,4,6-Tribromophenol	15.83	330	276786	170.31	ng	0.00
45) 2-Fluorobiphenyl	12.94	172	776507	91.25	ng	0.00
79) Terphenyl-d14	19.72	244	1594694	96.85	ng	0.00
Target Compounds						Qvalue

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

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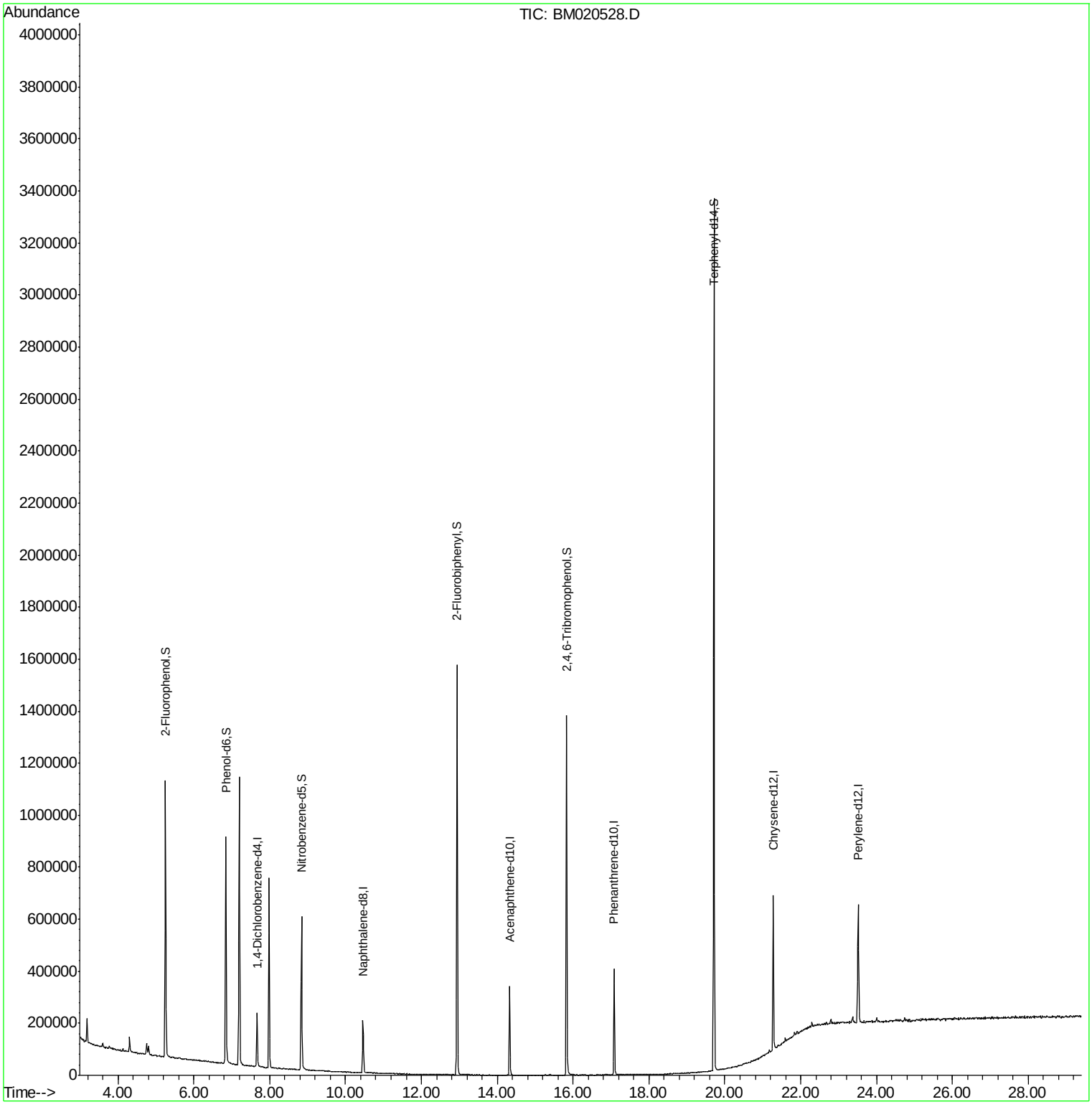
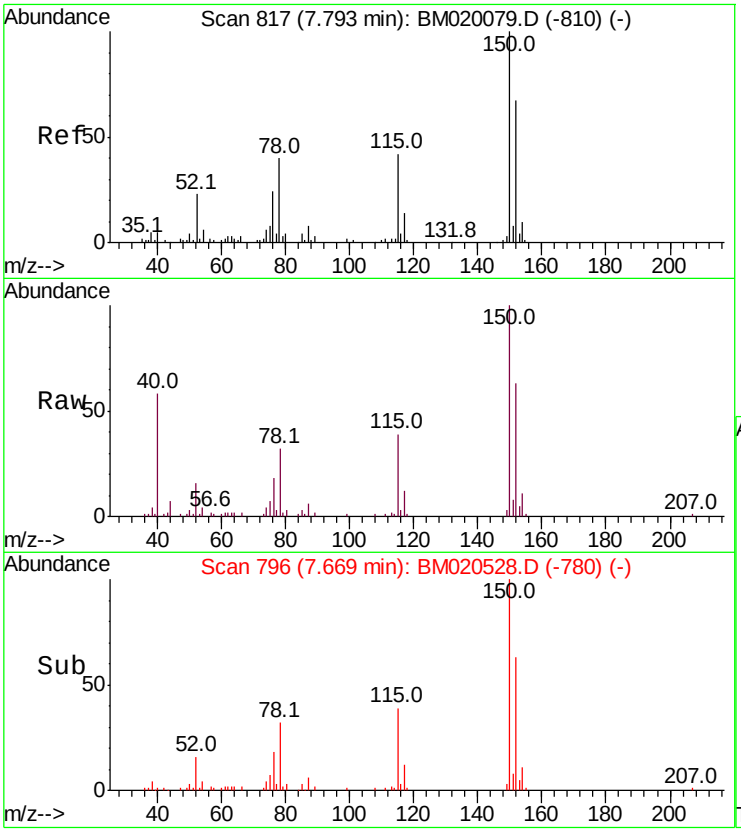


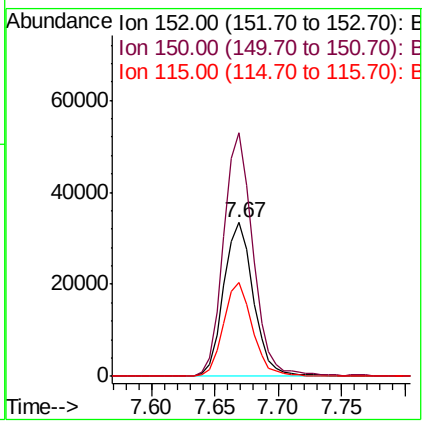


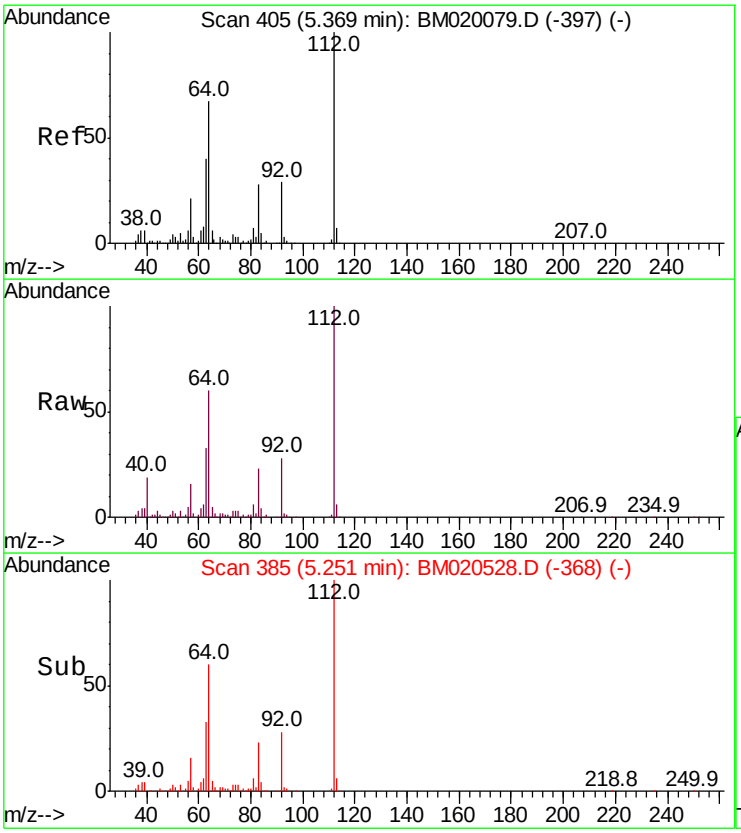
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 796
Delta R.T. -0.01 min
Lab File: BM020528.D
Acq: 23 May 2019 22:34

Instrument :
BNA_M
ClientSampleId :
SU-03-052219-A

Tgt Ion:152 Resp: 54546

Ion	Ratio	Lower	Upper
152	100		
150	158.2	119.8	179.8
115	61.2	50.8	76.2

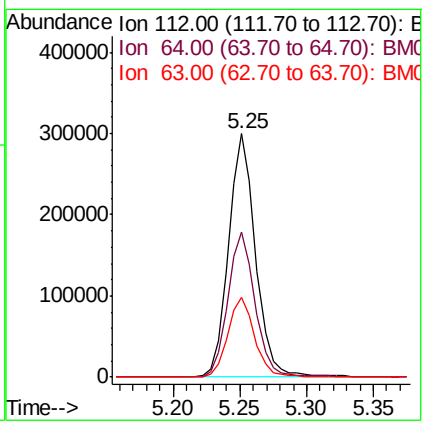


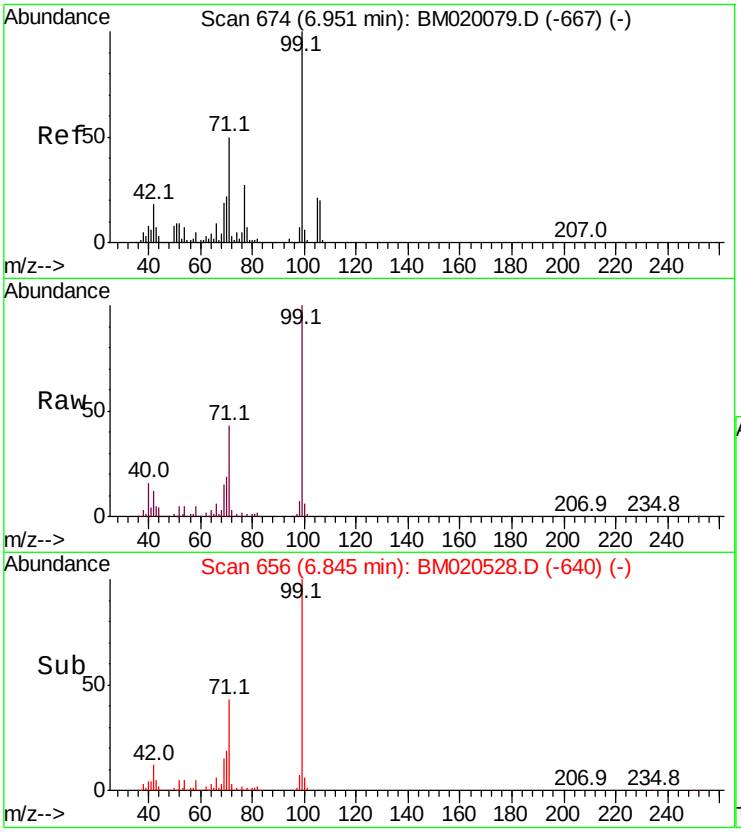


#5
2-Fluorophenol
Concen: 126.811 ng
RT: 5.25 min Scan# 385
Delta R.T. 0.00 min
Lab File: BM020528.D
Acq: 23 May 2019 22:34

Tgt Ion:112 Resp: 423167

Ion	Ratio	Lower	Upper
112	100		
64	59.8	53.8	80.6
63	32.5	32.3	48.5



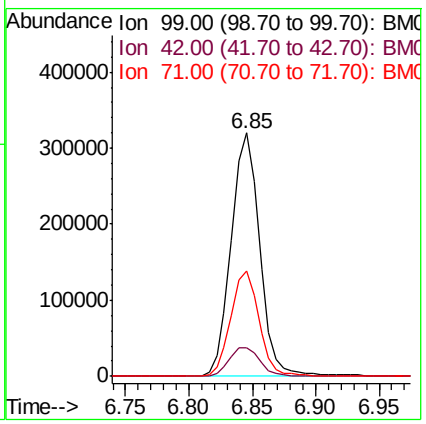


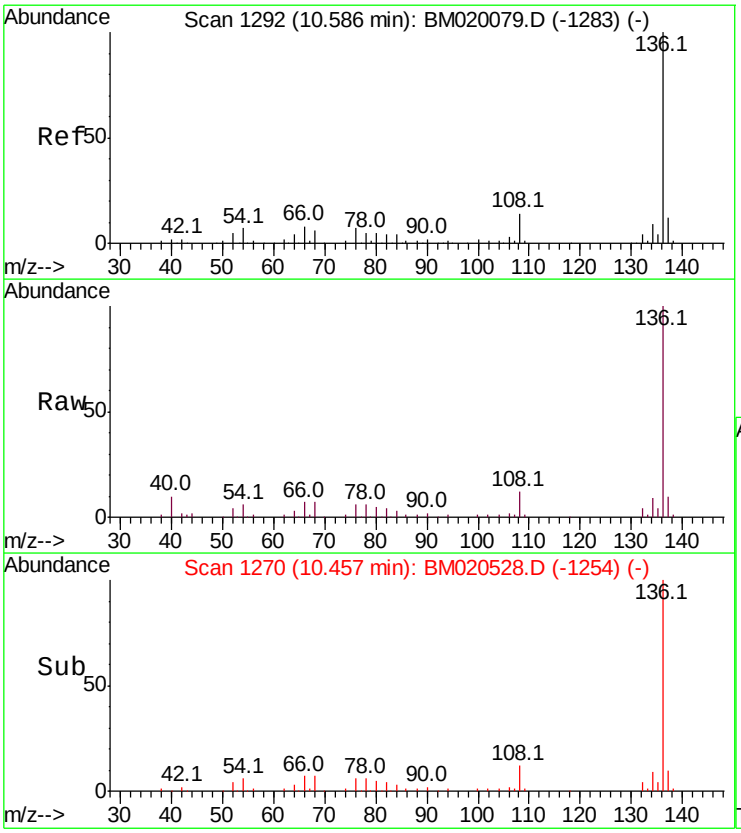
#7
Phenol-d6
Concen: 109.479 ng
RT: 6.85 min Scan# 656
Delta R.T. -0.01 min
Lab File: BM020528.D
Acq: 23 May 2019 22:34

Instrument :
BNA_M
ClientSampleId :
SU-03-052219-A

Tgt Ion: 99 Resp: 499092

Ion	Ratio	Lower	Upper
99	100		
42	11.9	14.2	21.2#
71	43.2	40.3	60.5

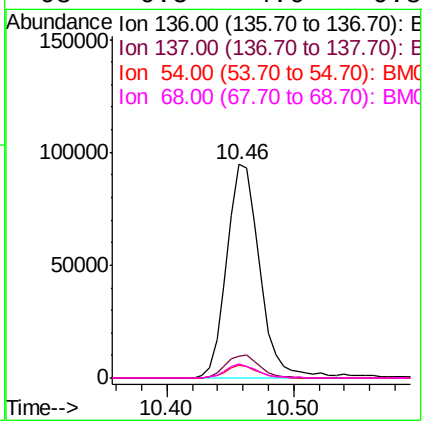


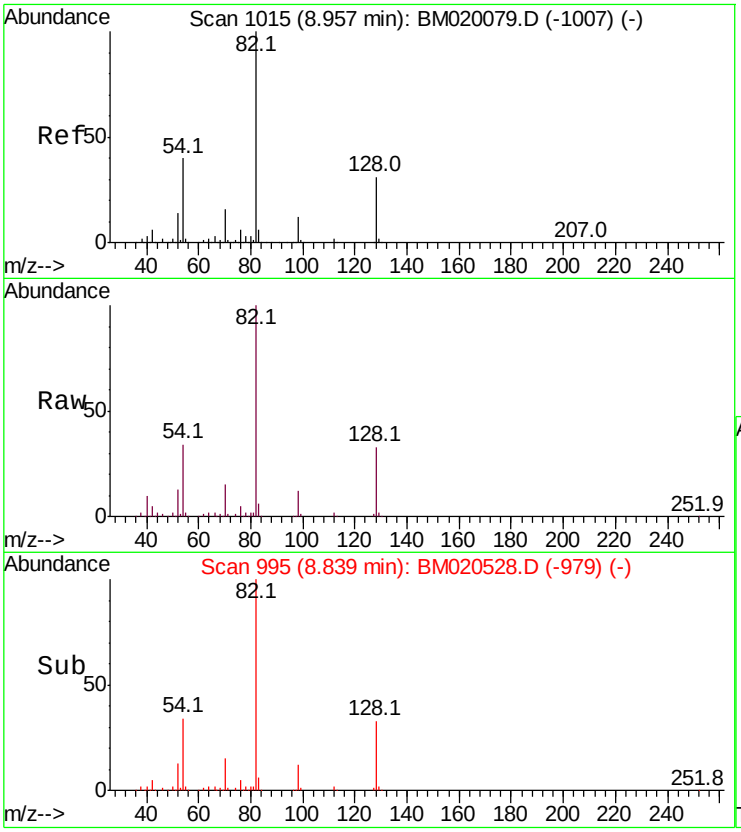


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BM020528.D
Acq: 23 May 2019 22:34

Tgt Ion:136 Resp: 171018

Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.6	14.4
54	6.0	5.5	8.3
68	6.5	4.6	6.8



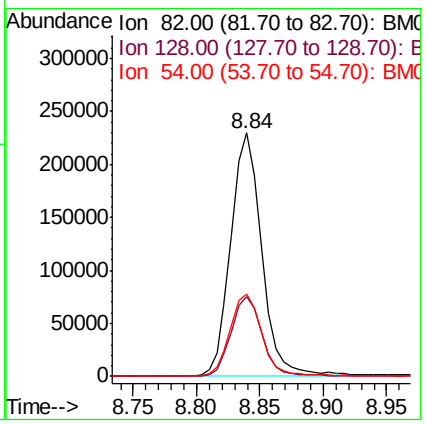


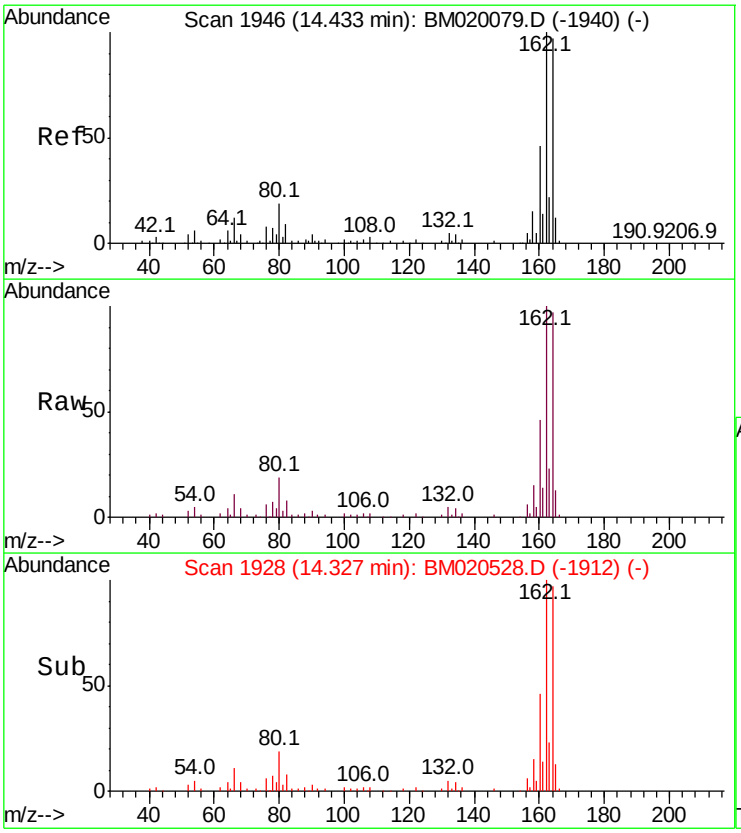
#23
Nitrobenzene-d5
Concen: 89.888 ng
RT: 8.84 min Scan# 995
Delta R.T. -0.01 min
Lab File: BM020528.D
Acq: 23 May 2019 22:34

Instrument :
BNA_M
ClientSampleId :
SU-03-052219-A

Tgt Ion: 82 Resp: 389373

Ion	Ratio	Lower	Upper
82	100		
128	32.5	25.2	37.8
54	33.9	31.9	47.9

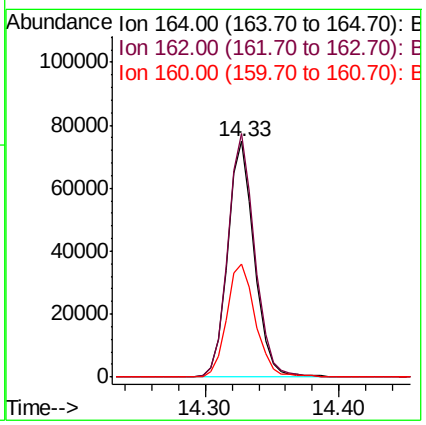


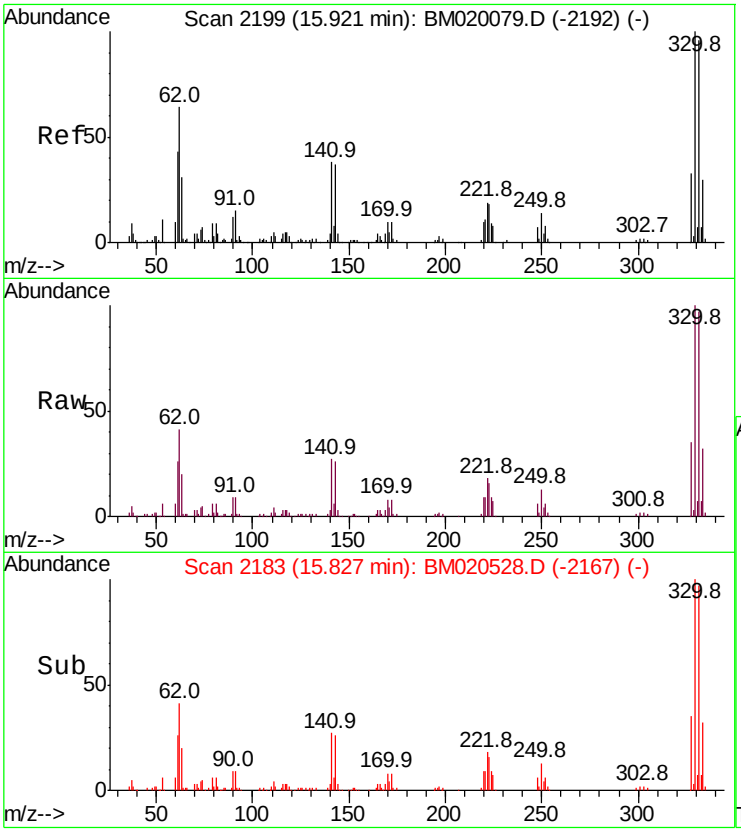


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.33 min Scan# 1928
Delta R.T. -0.01 min
Lab File: BM020528.D
Acq: 23 May 2019 22:34

Tgt Ion:164 Resp: 104702

Ion	Ratio	Lower	Upper
164	100		
162	103.3	82.2	123.2
160	47.7	37.6	56.4



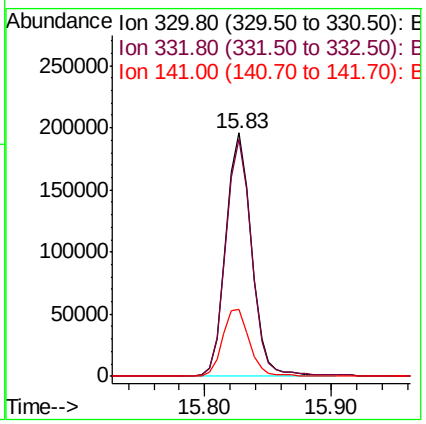


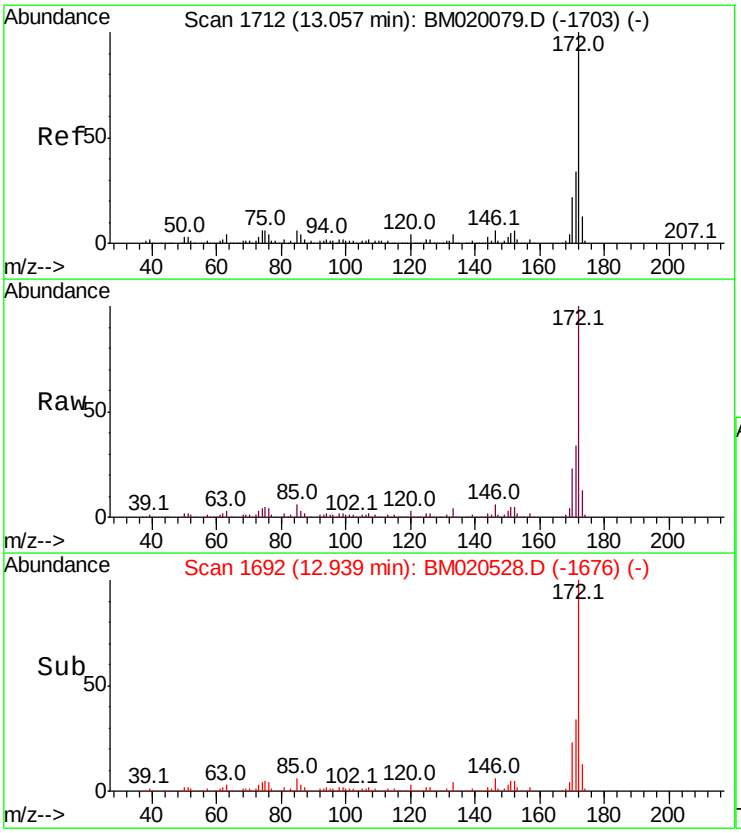
#42
2,4,6-Tribromophenol
Concen: 170.312 ng
RT: 15.83 min Scan# 2183
Delta R.T. -0.01 min
Lab File: BM020528.D
Acq: 23 May 2019 22:34

Instrument :
BNA_M
ClientSampleId :
SU-03-052219-A

Tgt Ion:330 Resp: 276786

Ion	Ratio	Lower	Upper
330	100		
332	97.7	76.8	115.2
141	28.8	29.2	43.8#

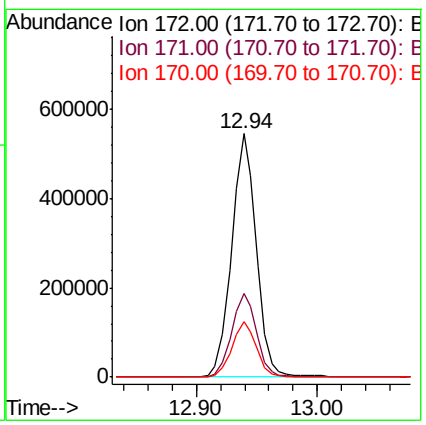


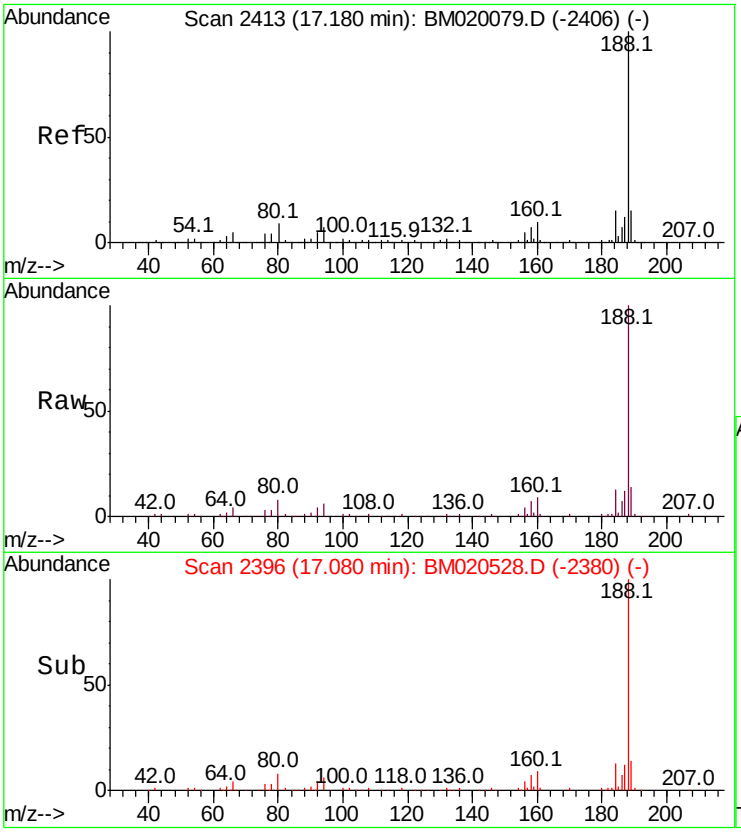


#45
2-Fluorobiphenyl
Concen: 91.248 ng
RT: 12.94 min Scan# 1692
Delta R.T. -0.01 min
Lab File: BM020528.D
Acq: 23 May 2019 22:34

Tgt Ion:172 Resp: 776507

Ion	Ratio	Lower	Upper
172	100		
171	34.3	27.3	40.9
170	22.9	17.9	26.9



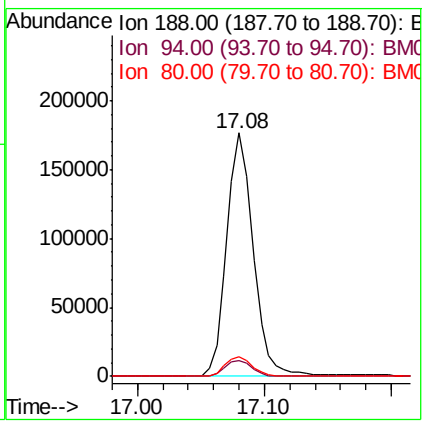


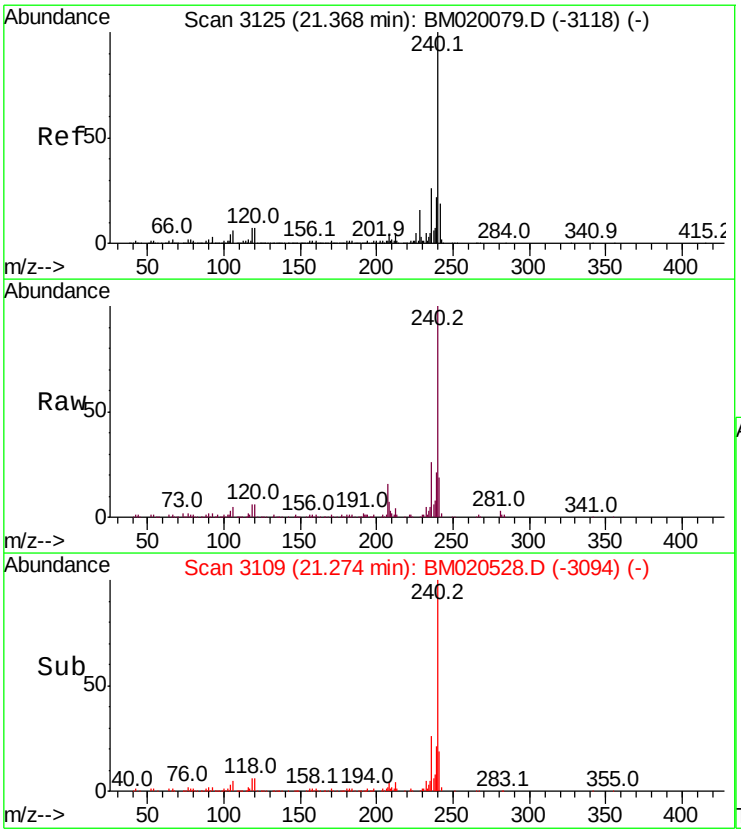
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.08 min Scan# 2396
Delta R.T. -0.01 min
Lab File: BM020528.D
Acq: 23 May 2019 22:34

Instrument :
BNA_M
ClientSampleId :
SU-03-052219-A

Tgt Ion:188 Resp: 256763

Ion	Ratio	Lower	Upper
188	100		
94	6.4	5.8	8.6
80	7.8	7.4	11.2

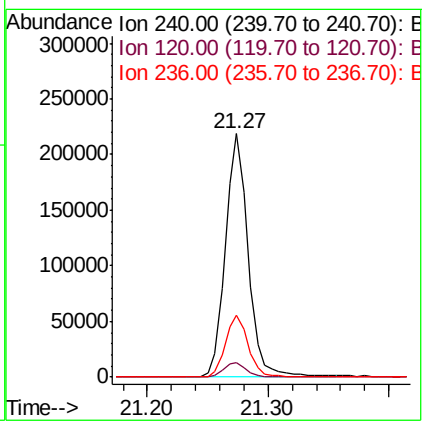


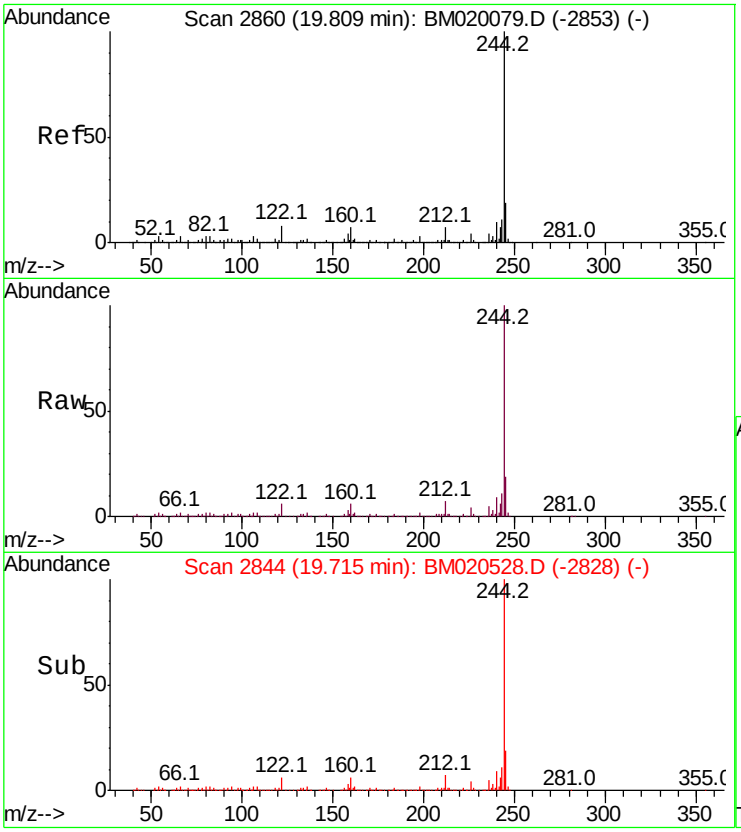


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.27 min Scan# 3109
Delta R.T. -0.01 min
Lab File: BM020528.D
Acq: 23 May 2019 22:34

Tgt Ion:240 Resp: 287198

Ion	Ratio	Lower	Upper
240	100		
120	5.9	5.6	8.4
236	25.6	20.9	31.3



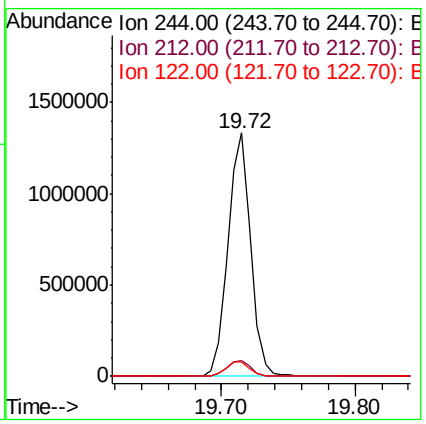


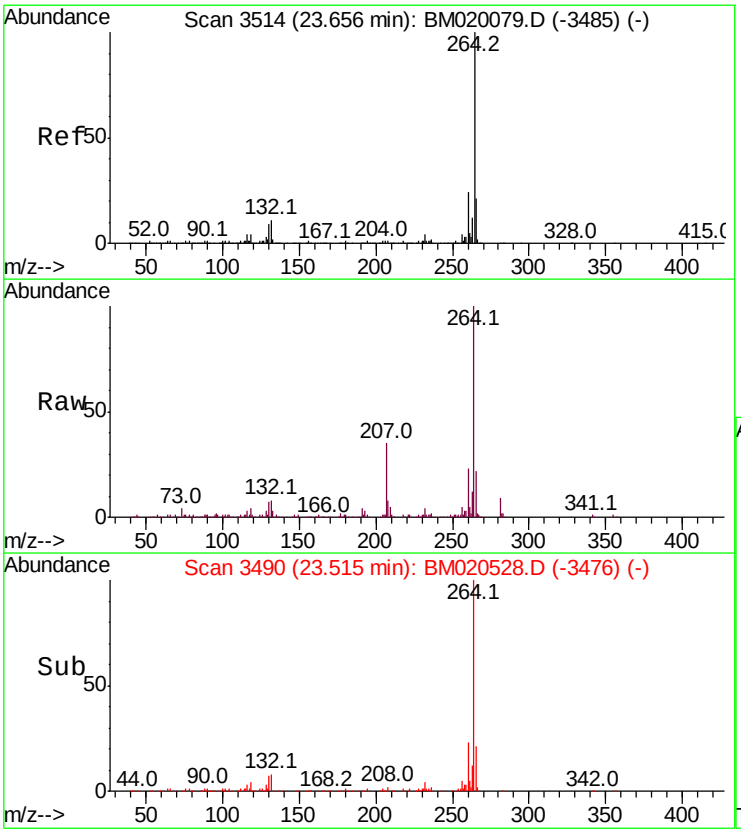
#79
Terphenyl-d14
Concen: 96.849 ng
RT: 19.72 min Scan# 2844
Delta R.T. -0.01 min
Lab File: BM020528.D
Acq: 23 May 2019 22:34

Instrument :
BNA_M
ClientSampleId :
SU-03-052219-A

Tgt Ion:244 Resp: 1594694

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.7	8.5
122	6.2	6.2	9.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.51 min Scan# 3490
Delta R.T. -0.02 min
Lab File: BM020528.D
Acq: 23 May 2019 22:34

Tgt Ion:264 Resp: 348458

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	22.2	16.9	25.3