Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
Data File : BF112537.D
Acq On : 13 Feb 2019 14:24
Operator : JU/SJ
Sample : K1343-05 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-021119-C

Quant Time: Feb 14 06:25:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	101709	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	390421	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	171236	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	298488	20.00	ng	0.00
76) Chrysene-d12	14.02	240	255784	20.00	ng	0.00
87) Perylene-d12	15.50	264	210128	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	131109	27.38	ng	0.00
7) Phenol-d6	6.49	99	170907	25.69	ng	0.00
23) Nitrobenzene-d5	7.40	82	101861	15.03	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	41630	20.89	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	204410	16.88	ng	-0.01
79) Terphenyl-d14	12.94	244	181323	13.35	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.39	178	32221	2.076	ng	100
75) Fluoranthene	12.58	202	41020	2.465	ng	100
78) Pyrene	12.82	202	38955	2.200	ng	95

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

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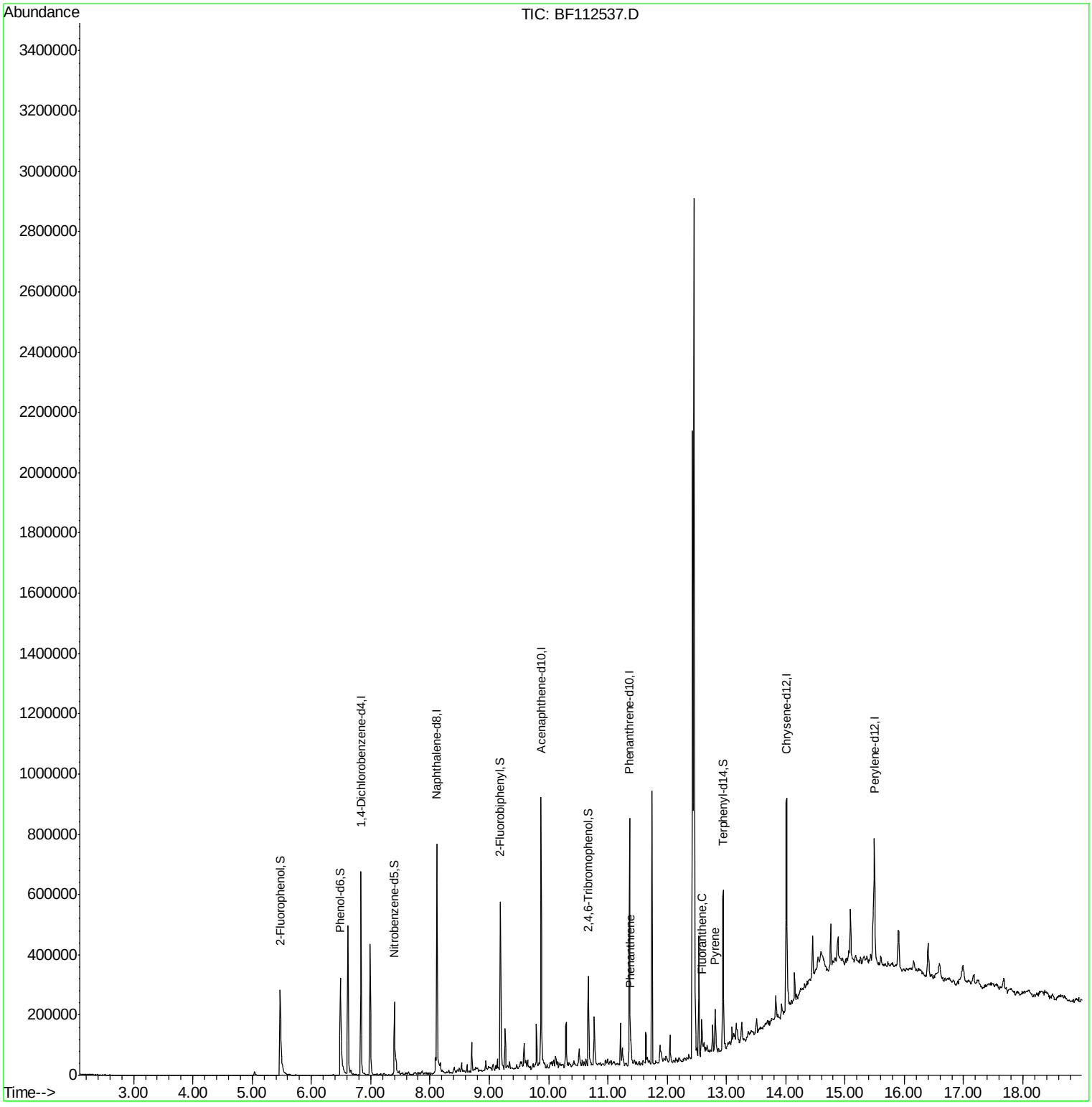
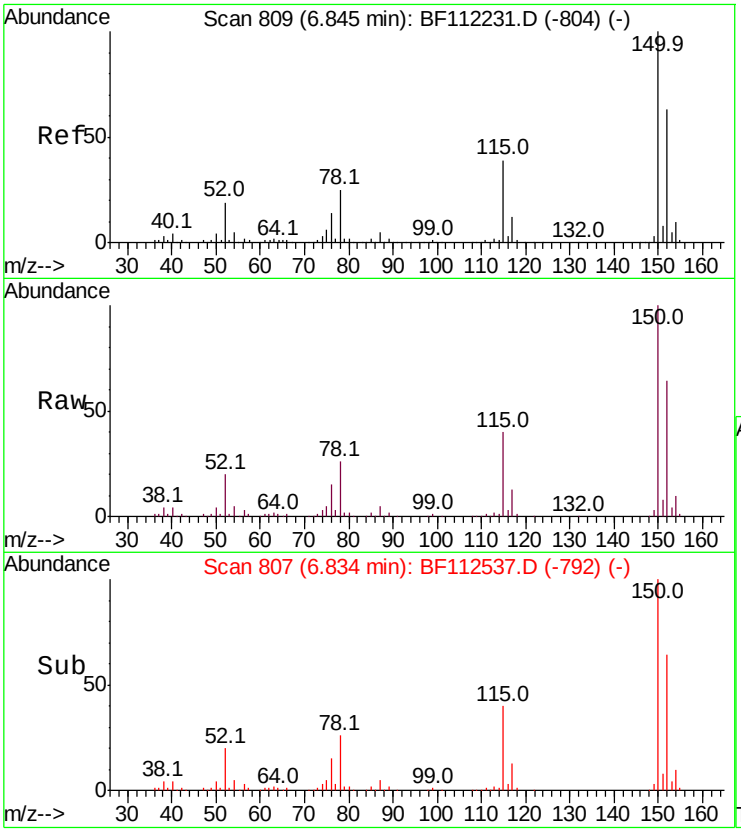


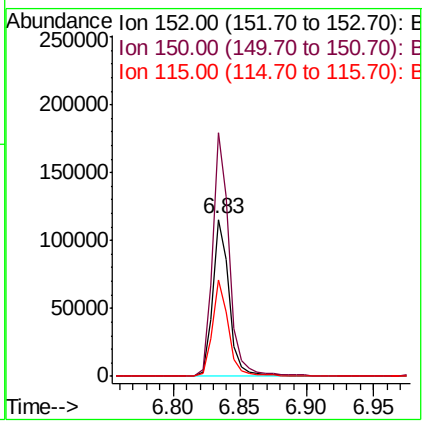


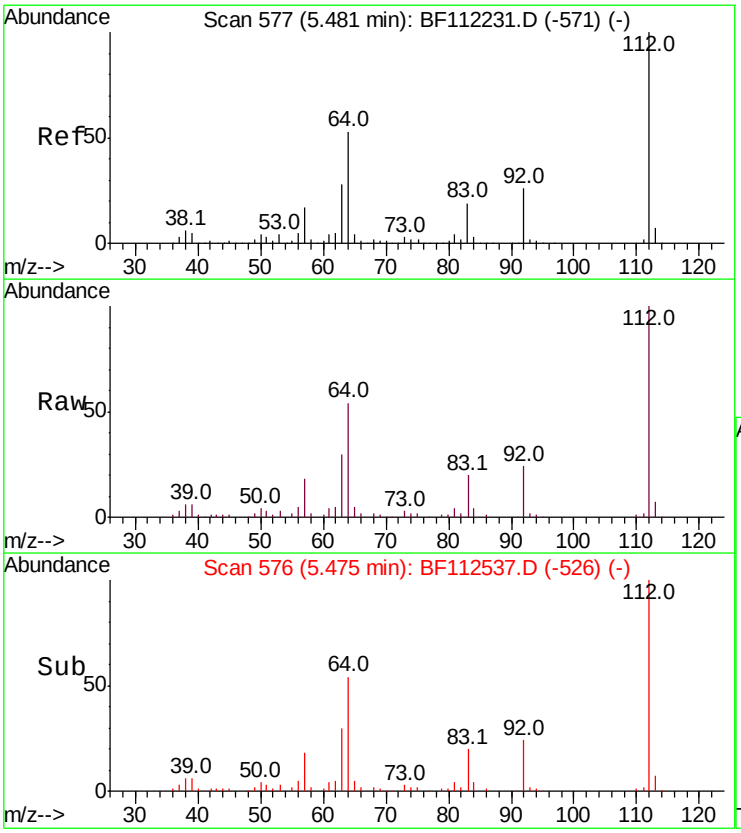
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112537.D
Acq: 13 Feb 2019 14:24

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-C

Tgt Ion:152 Resp: 101709

Ion	Ratio	Lower	Upper
152	100		
150	155.1	127.4	191.0
115	61.6	45.5	68.3

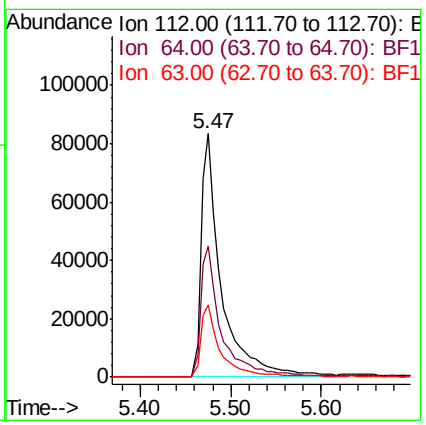


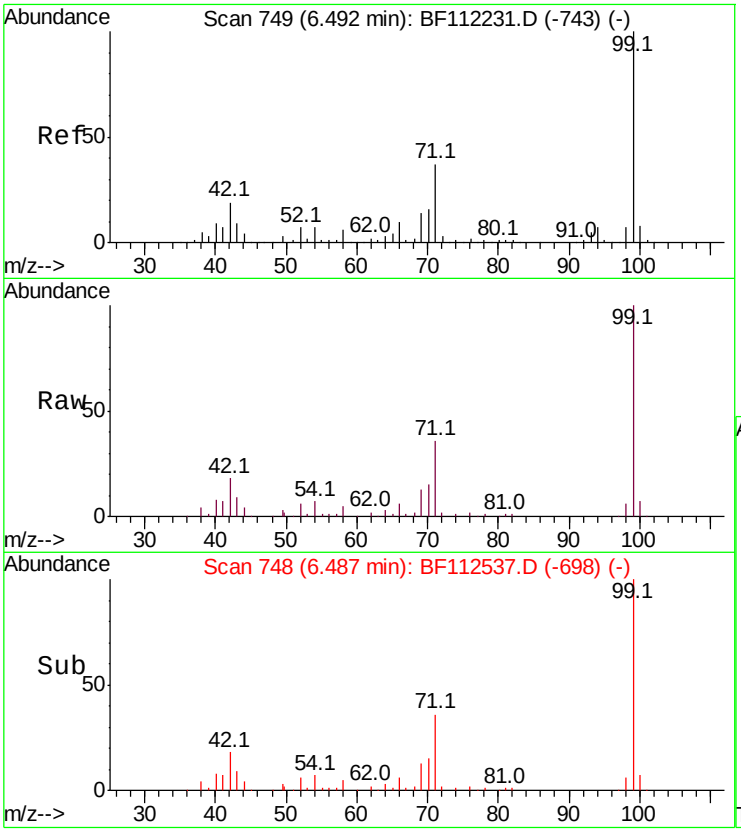


#5
2-Fluorophenol
Concen: 27.380 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF112537.D
Acq: 13 Feb 2019 14:24

Tgt Ion:112 Resp: 131109

Ion	Ratio	Lower	Upper
112	100		
64	53.8	45.7	68.5
63	29.5	23.6	35.4



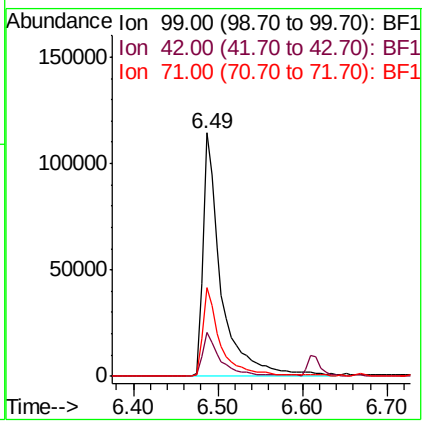


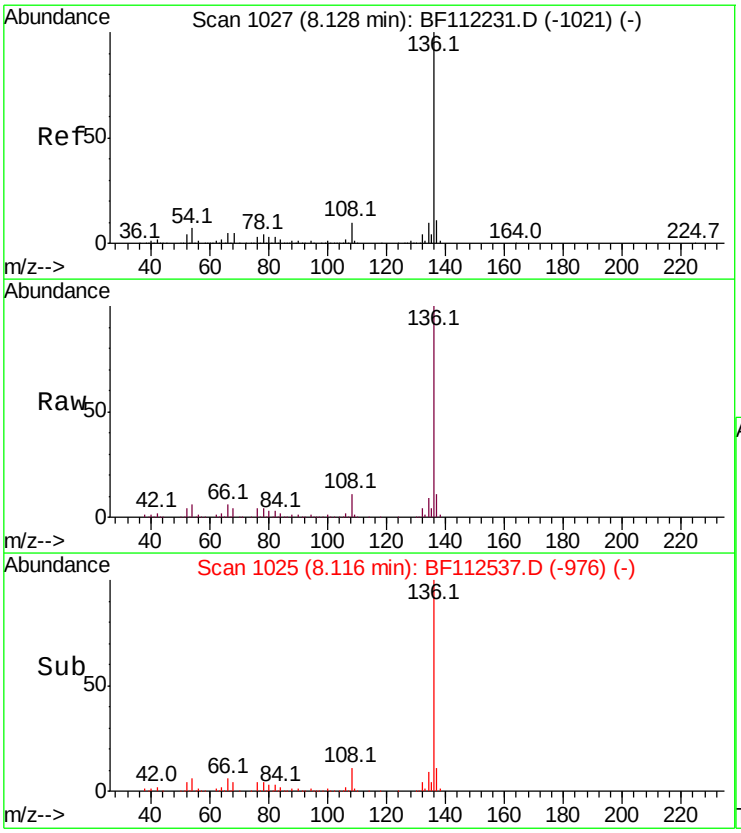
#7
Phenol-d6
Concen: 25.686 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF112537.D
Acq: 13 Feb 2019 14:24

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-C

Tgt Ion: 99 Resp: 170907

Ion	Ratio	Lower	Upper
99	100		
42	18.1	15.1	22.7
71	36.4	26.9	40.3

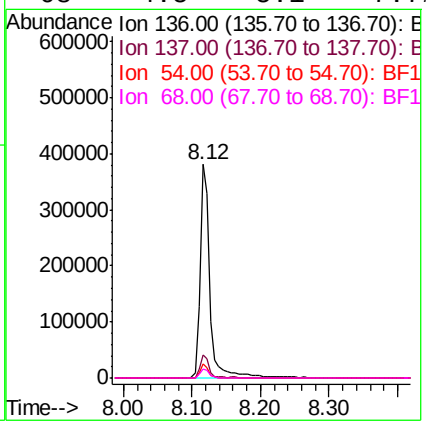


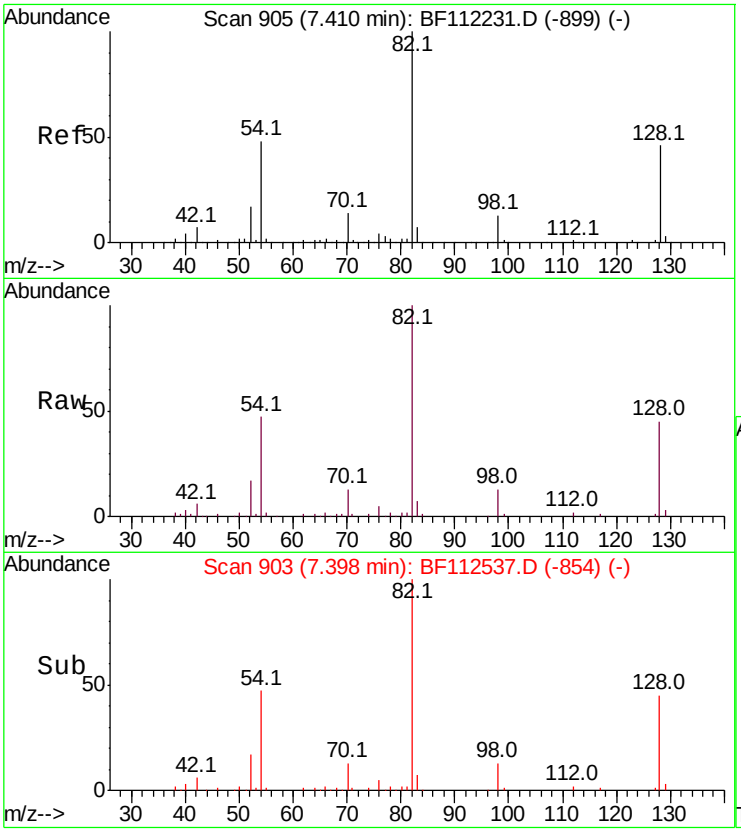


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF112537.D
Acq: 13 Feb 2019 14:24

Tgt Ion:136 Resp: 390421

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	6.4	5.9	8.9
68	4.5	5.1	7.7#



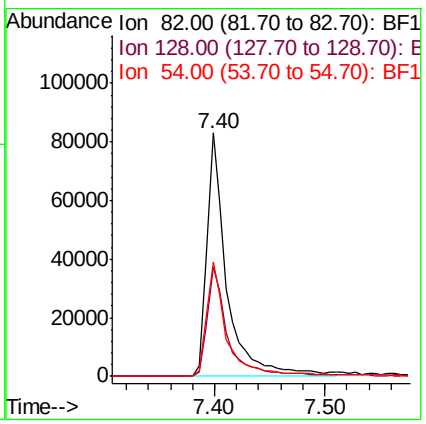


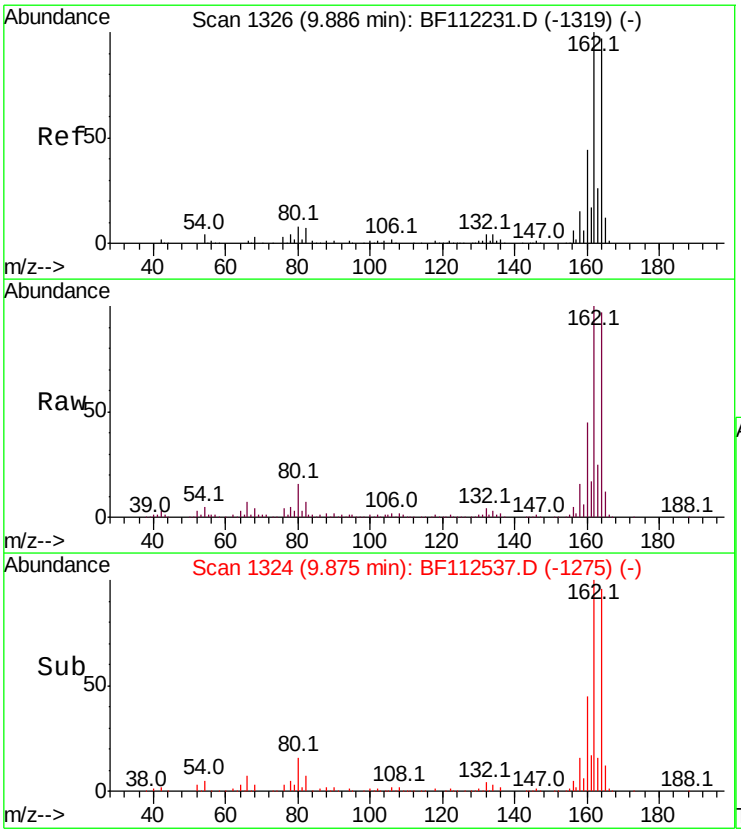
#23
Nitrobenzene-d5
Concen: 15.033 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF112537.D
Acq: 13 Feb 2019 14:24

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-C

Tgt Ion: 82 Resp: 101861

Ion	Ratio	Lower	Upper
82	100		
128	44.8	37.8	56.8
54	47.2	39.7	59.5

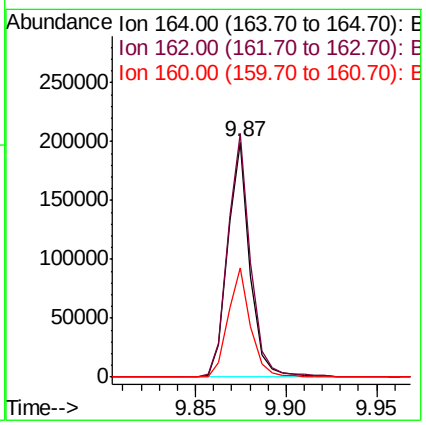


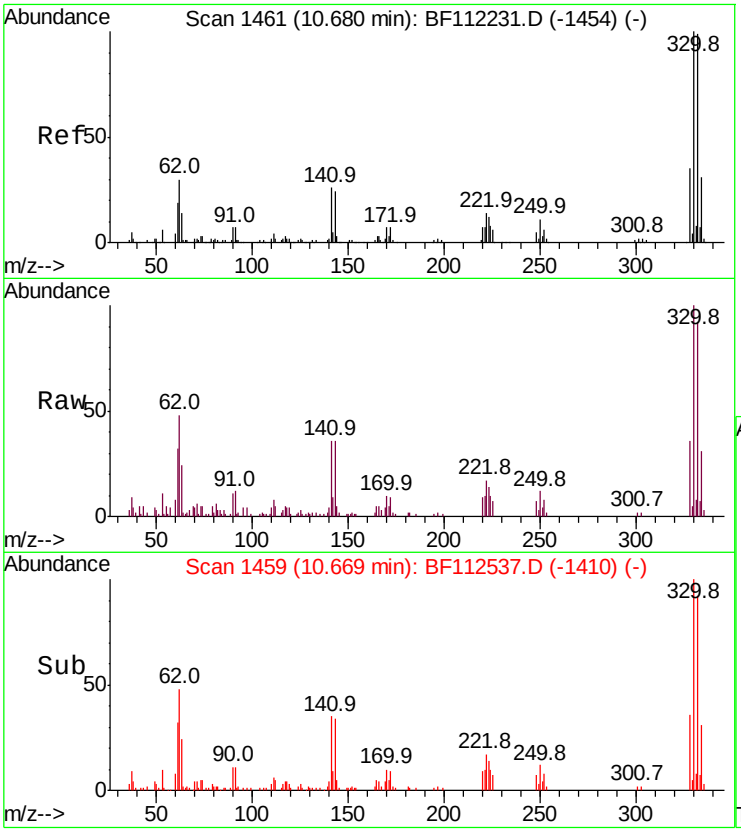


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF112537.D
Acq: 13 Feb 2019 14:24

Tgt Ion:164 Resp: 171236

Ion	Ratio	Lower	Upper
164	100		
162	103.6	82.2	123.4
160	46.3	36.2	54.4



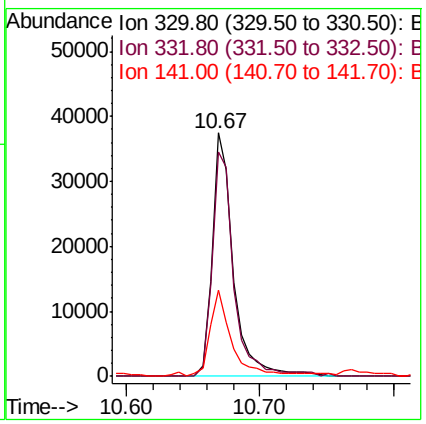


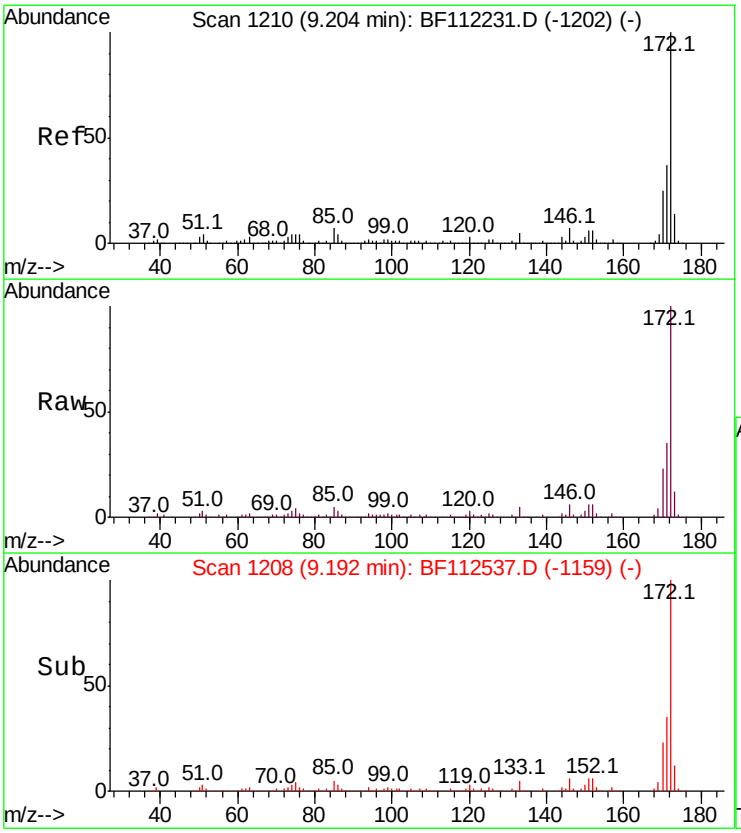
#42
2,4,6-Tribromophenol
Concen: 20.887 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF112537.D
Acq: 13 Feb 2019 14:24

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-C

Tgt Ion:330 Resp: 41630

Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.6	114.8
141	37.1	24.3	36.5#

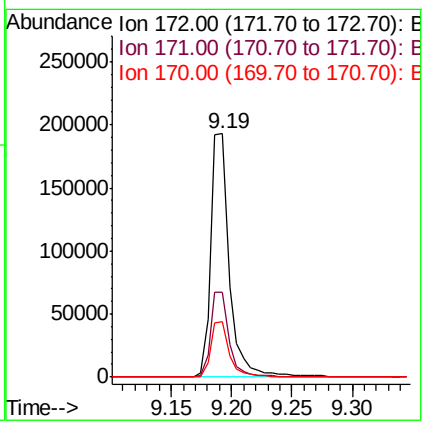


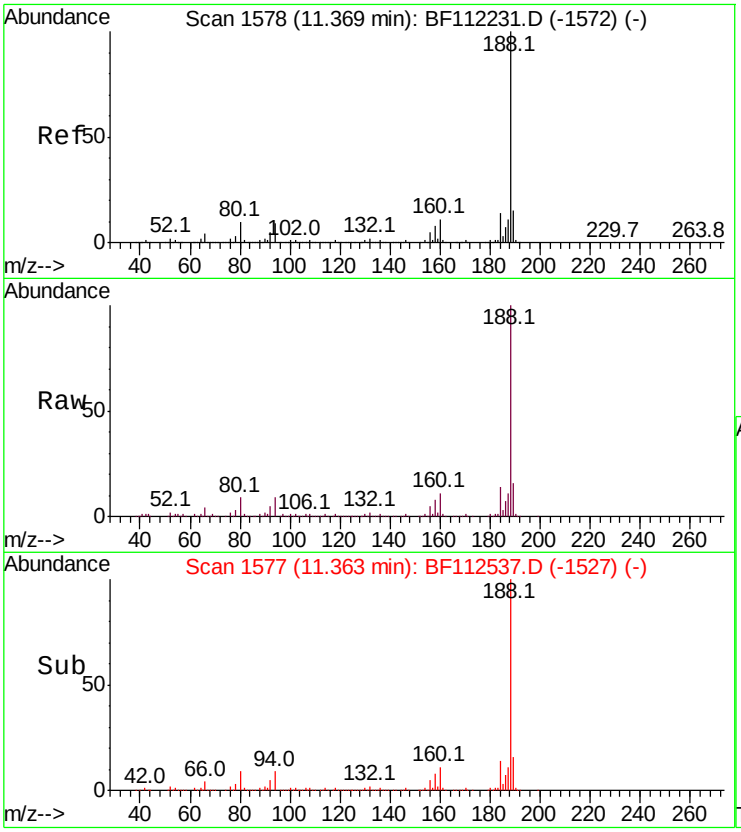


#45
2-Fluorobiphenyl
Concen: 16.883 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF112537.D
Acq: 13 Feb 2019 14:24

Tgt Ion:172 Resp: 204410

Ion	Ratio	Lower	Upper
172	100		
171	34.7	30.5	45.7
170	22.9	20.2	30.4



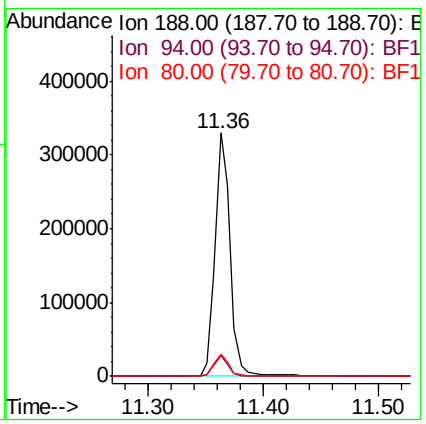


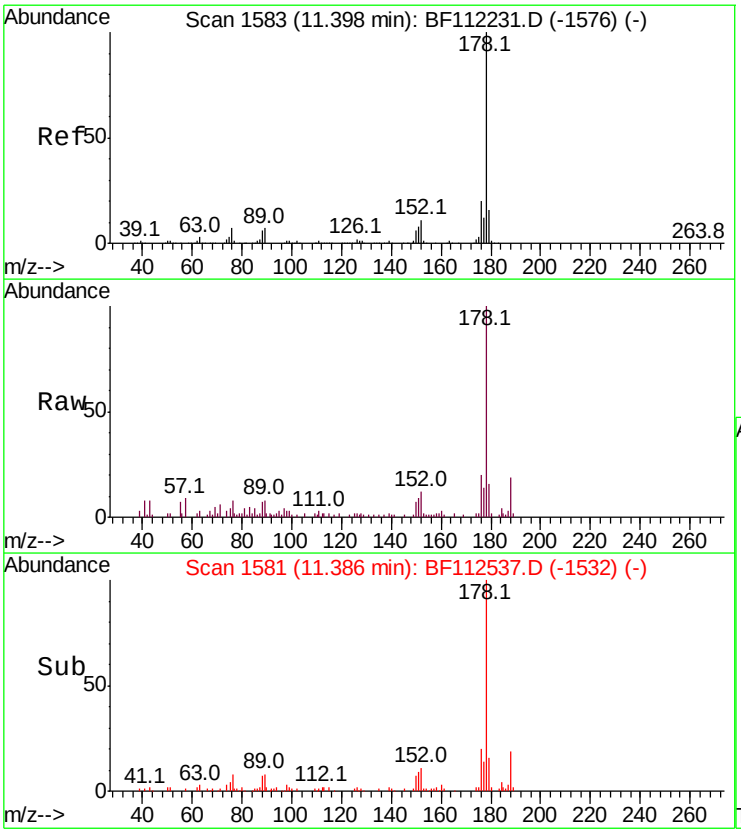
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF112537.D
Acq: 13 Feb 2019 14:24

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-C

Tgt Ion:188 Resp: 298488

Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.2	12.2
80	9.0	8.9	13.3

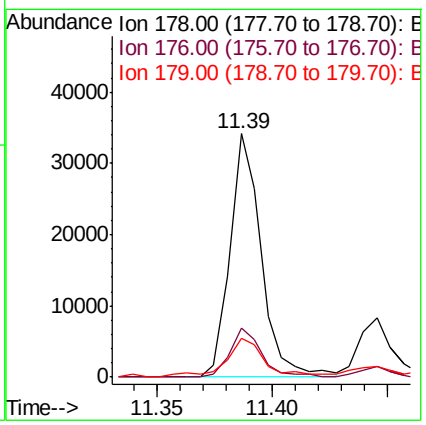


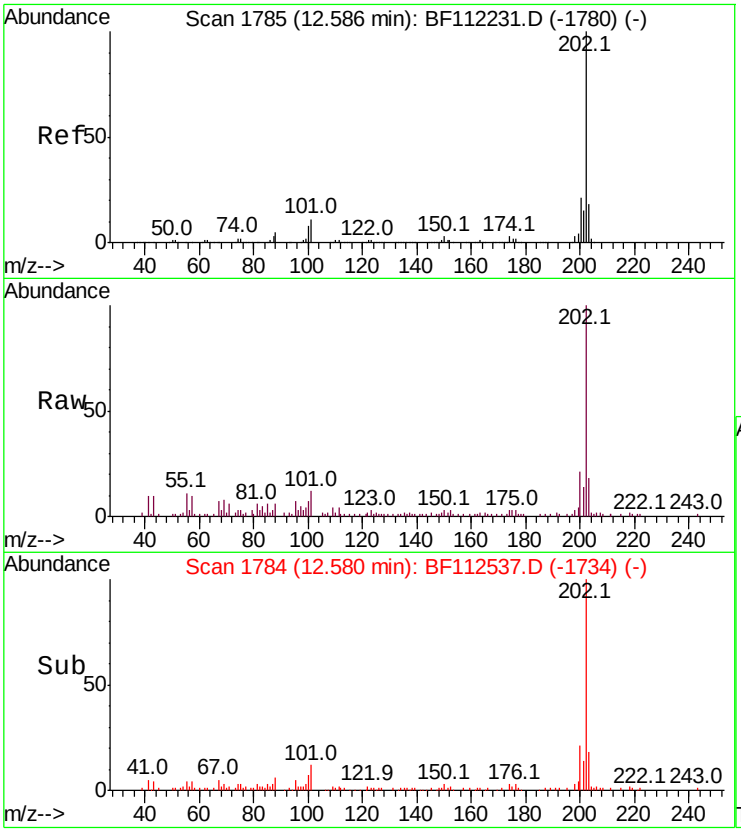


#71
Phenanthrene
Concen: 2.076 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF112537.D
Acq: 13 Feb 2019 14:24

Tgt Ion:178 Resp: 32221

Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.3	24.5
179	16.1	13.0	19.4



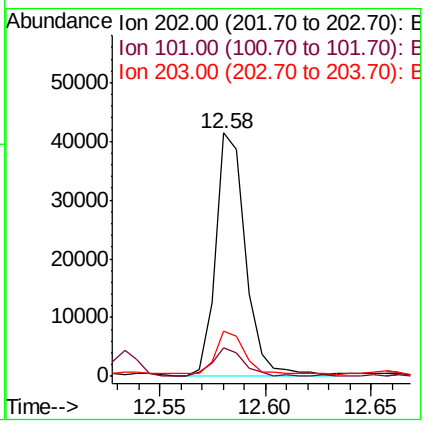


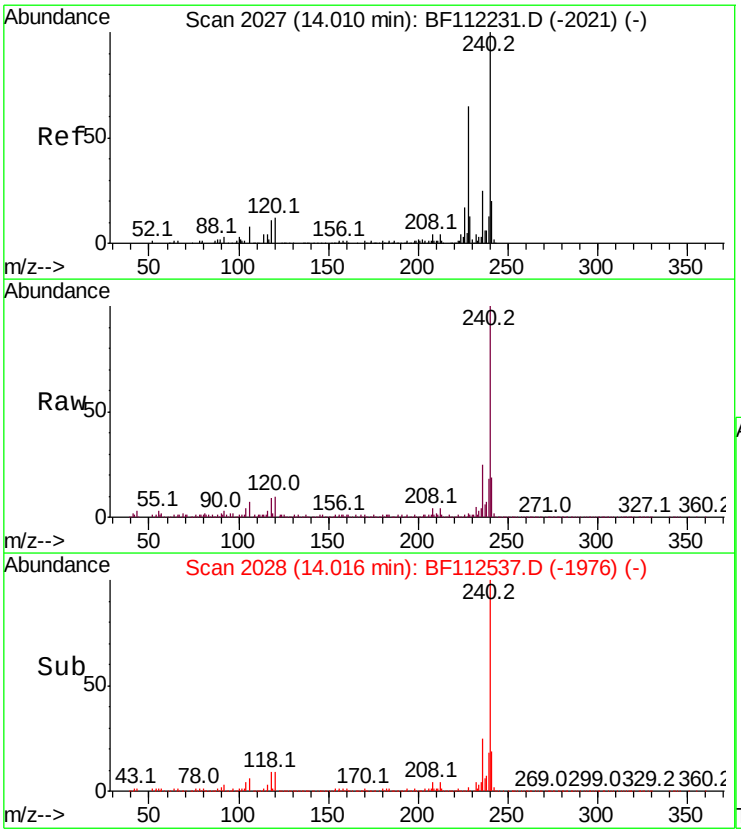
#75
Fluoranthene
Concen: 2.465 ng
RT: 12.58 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BF112537.D
Acq: 13 Feb 2019 14:24

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-C

Tgt Ion:202 Resp: 41020

Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	31.8
203	18.4	0.0	38.4

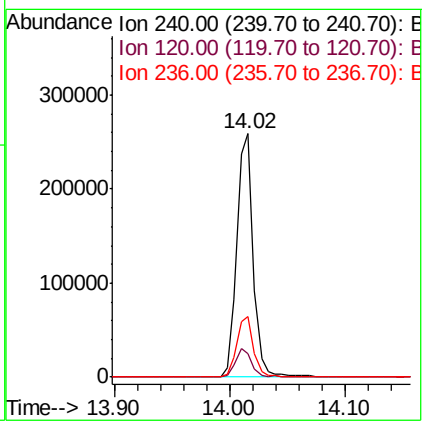


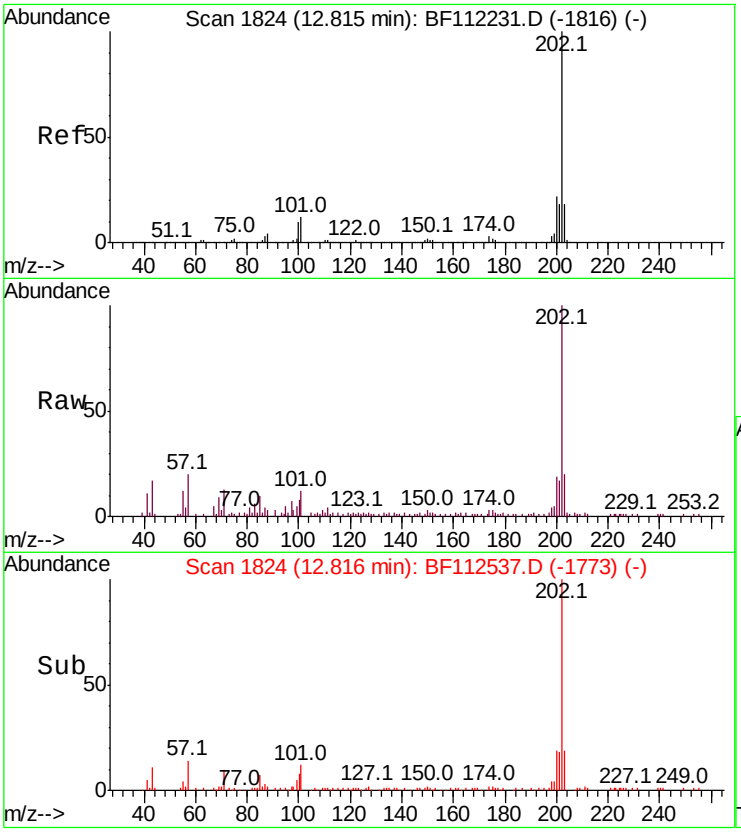


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BF112537.D
Acq: 13 Feb 2019 14:24

Tgt Ion:240 Resp: 255784

Ion	Ratio	Lower	Upper
240	100		
120	9.6	9.0	13.6
236	25.1	20.7	31.1



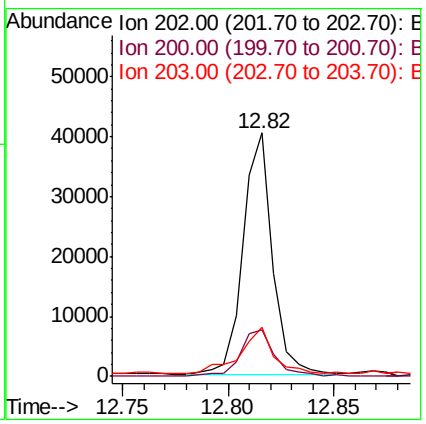


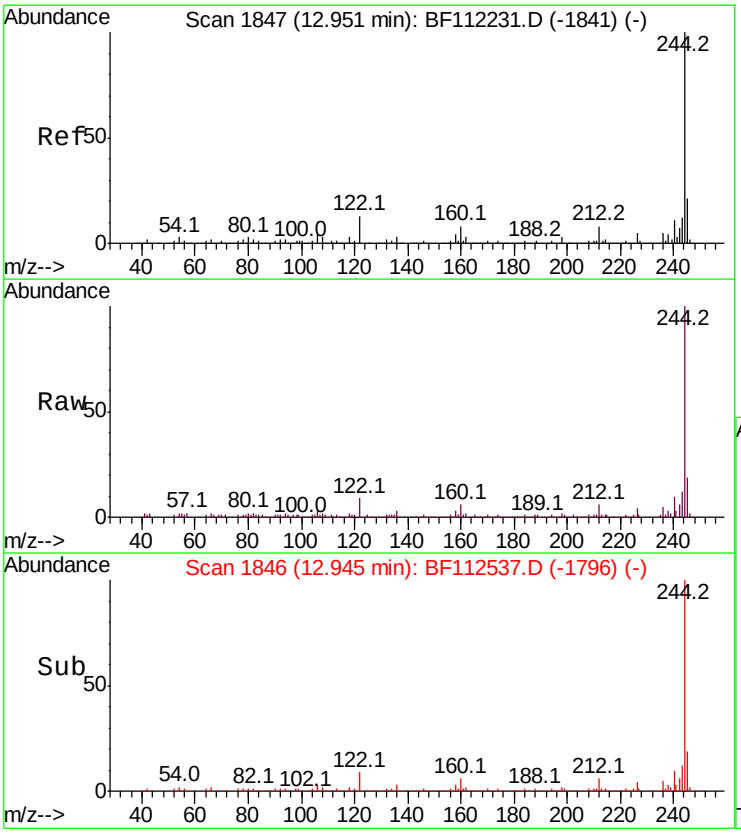
#78
Pyrene
Concen: 2.200 ng
RT: 12.82 min Scan# 1824
Delta R.T. 0.00 min
Lab File: BF112537.D
Acq: 13 Feb 2019 14:24

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-C

Tgt Ion:202 Resp: 38955

Ion	Ratio	Lower	Upper
202	100		
200	19.3	17.7	26.5
203	19.9	14.6	22.0

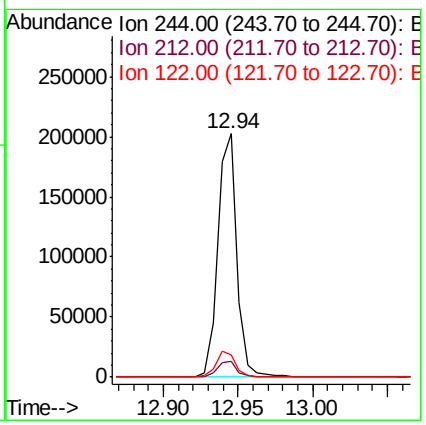


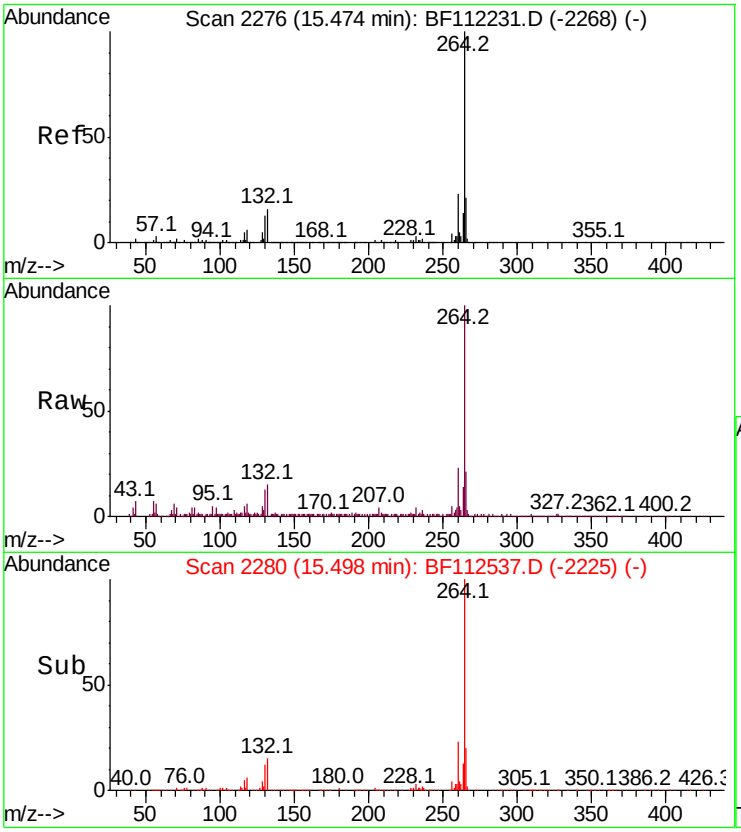


#79
Terphenyl-d14
Concen: 13.352 ng
RT: 12.94 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF112537.D
Acq: 13 Feb 2019 14:24

Tgt Ion:244 Resp: 181323

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.9	8.9
122	9.2	9.8	14.6#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.02 min
Lab File: BF112537.D
Acq: 13 Feb 2019 14:24

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-C

Tgt Ion:264 Resp: 210128

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.2	27.2
265	20.7	17.0	25.4