Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021519\
Data File : BF112588.D
Acq On : 15 Feb 2019 19:37
Operator : JU/SJ
Sample : K1346-09 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-021419-B

Quant Time: Feb 16 00:05:02 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

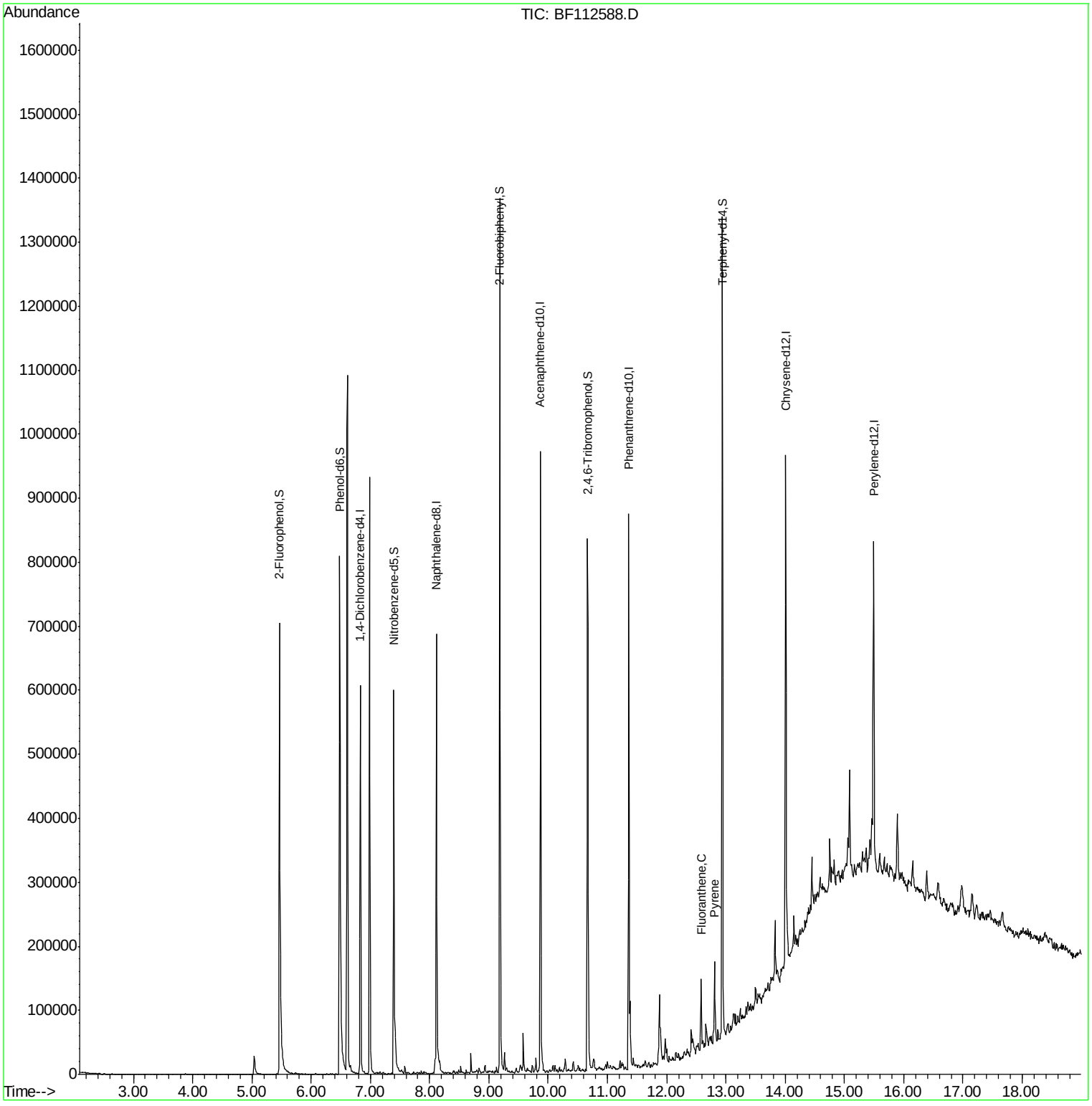
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	93161	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	384268	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	191441	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	353521	20.00	ng	0.00
76) Chrysene-d12	14.01	240	248076	20.00	ng	0.00
87) Perylene-d12	15.49	264	242752	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	273917	62.45	ng	-0.02
7) Phenol-d6	6.48	99	348731	57.22	ng	-0.01
23) Nitrobenzene-d5	7.39	82	219251	32.88	ng	-0.02
42) 2,4,6-Tribromophenol	10.67	330	114406	51.34	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	431957	31.91	ng	-0.02
79) Terphenyl-d14	12.94	244	383038	29.08	ng	-0.01
Target Compounds						Qvalue
75) Fluoranthene	12.58	202	40887	2.074	ng	98
78) Pyrene	12.81	202	45441	2.646	ng	97

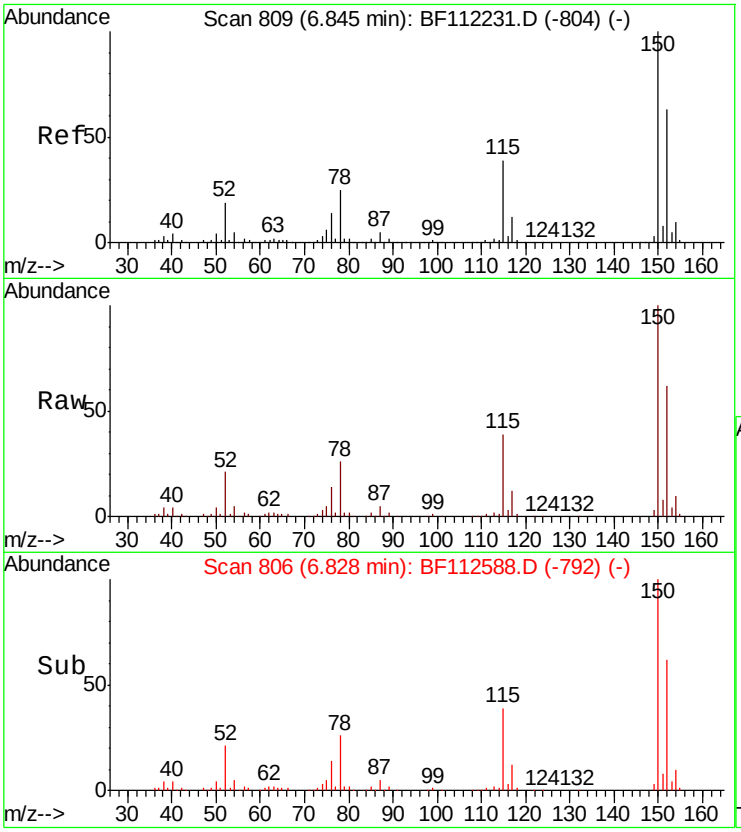
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021519\
Data File : BF112588.D
Acq On : 15 Feb 2019 19:37
Operator : JU/SJ
Sample : K1346-09 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-021419-B

Quant Time: Feb 16 00:05:02 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



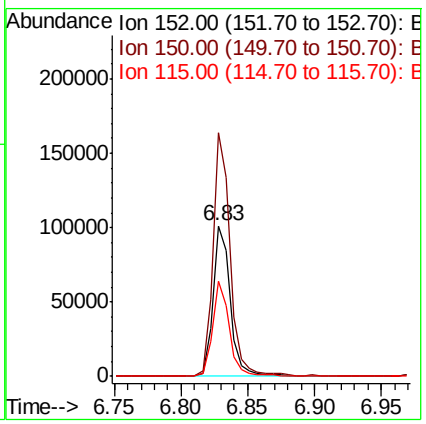


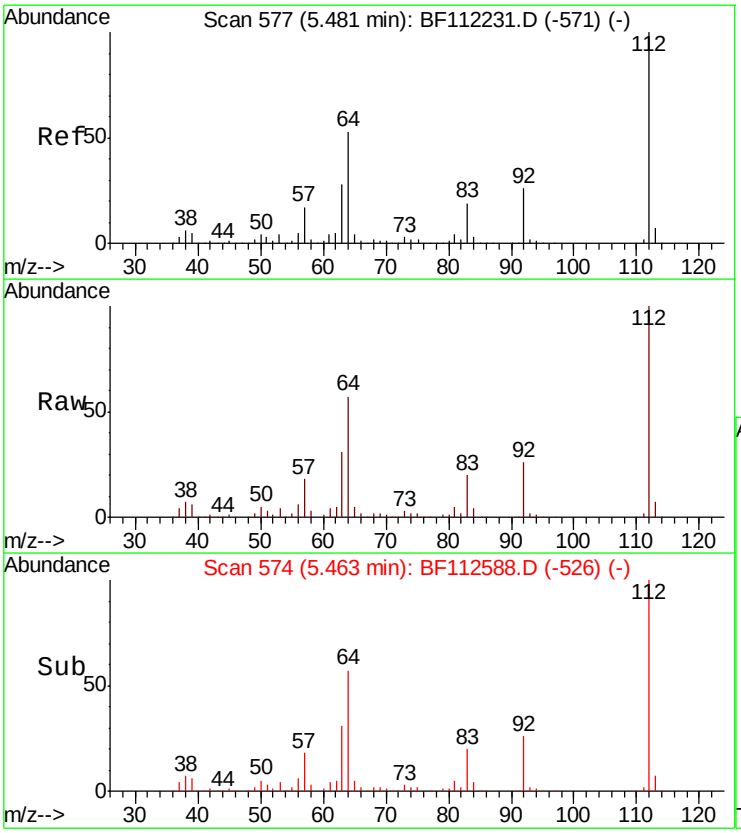
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.02 min
Lab File: BF112588.D
Acq: 15 Feb 2019 19:37

Instrument :
BNA_F
ClientSampleId :
CL-01-021419-B

Tgt Ion:152 Resp: 93161

Ion	Ratio	Lower	Upper
152	100		
150	161.9	127.4	191.0
115	63.6	45.5	68.3

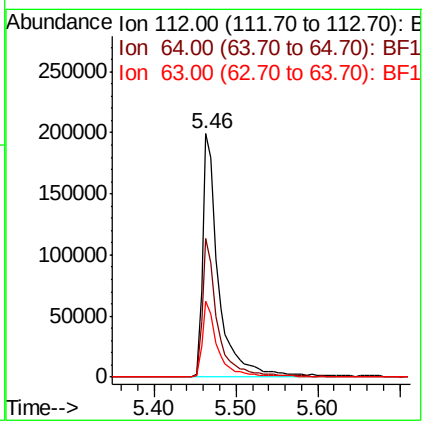


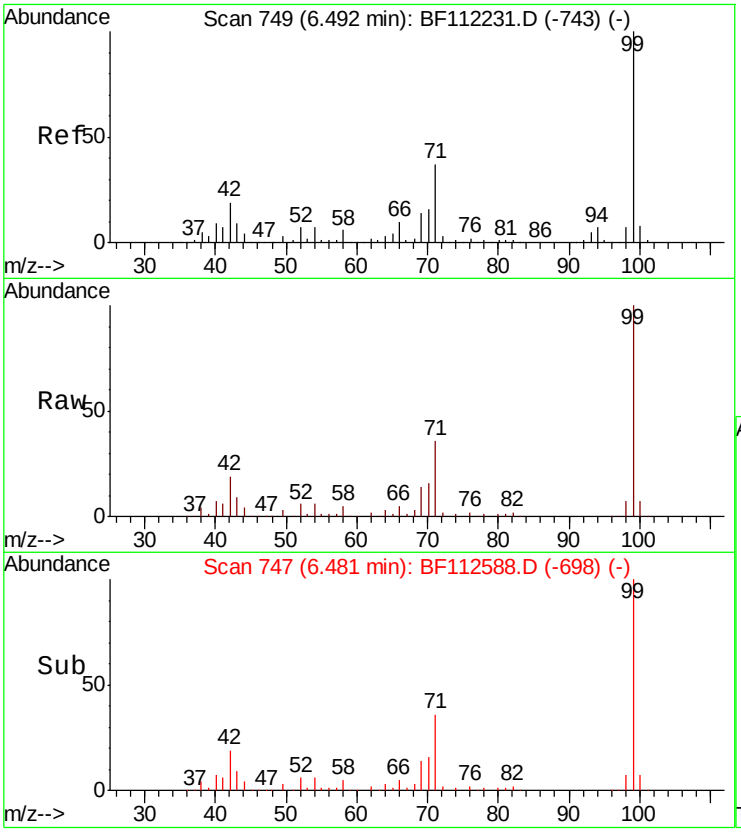


#5
2-Fluorophenol
Concen: 62.453 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.02 min
Lab File: BF112588.D
Acq: 15 Feb 2019 19:37

Tgt Ion:112 Resp: 273917

Ion	Ratio	Lower	Upper
112	100		
64	57.1	45.7	68.5
63	31.1	23.6	35.4



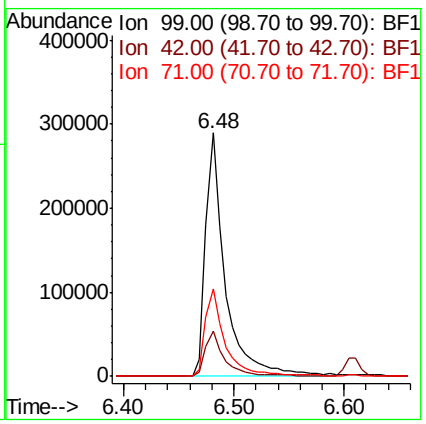


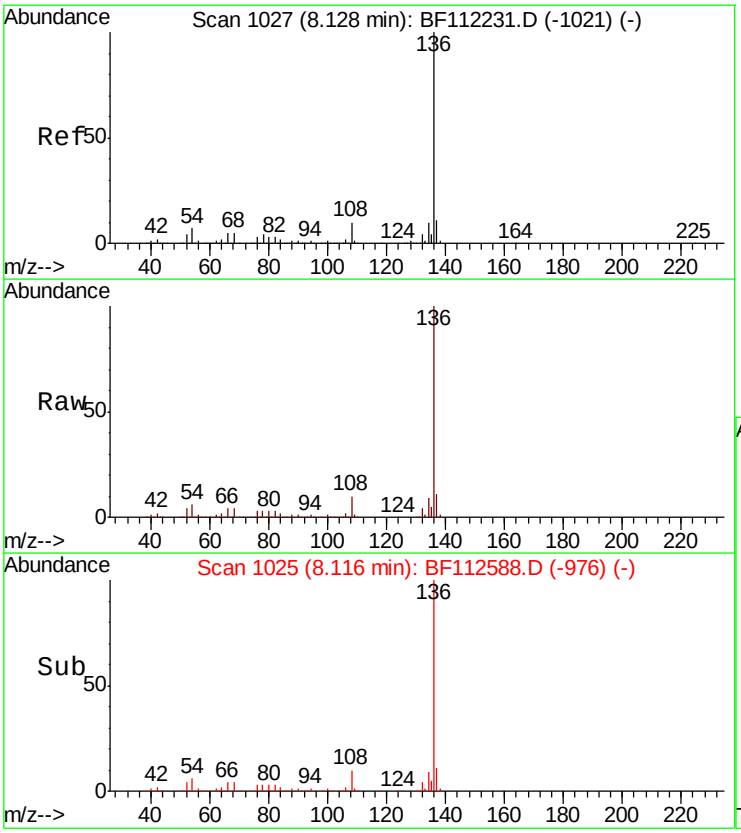
#7
Phenol-d6
Concen: 57.220 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF112588.D
Acq: 15 Feb 2019 19:37

Instrument :
BNA_F
ClientSampleId :
CL-01-021419-B

Tgt Ion: 99 Resp: 348731

Ion	Ratio	Lower	Upper
99	100		
42	18.6	15.1	22.7
71	35.9	26.9	40.3

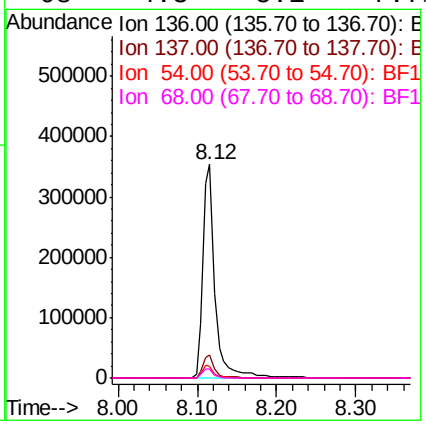


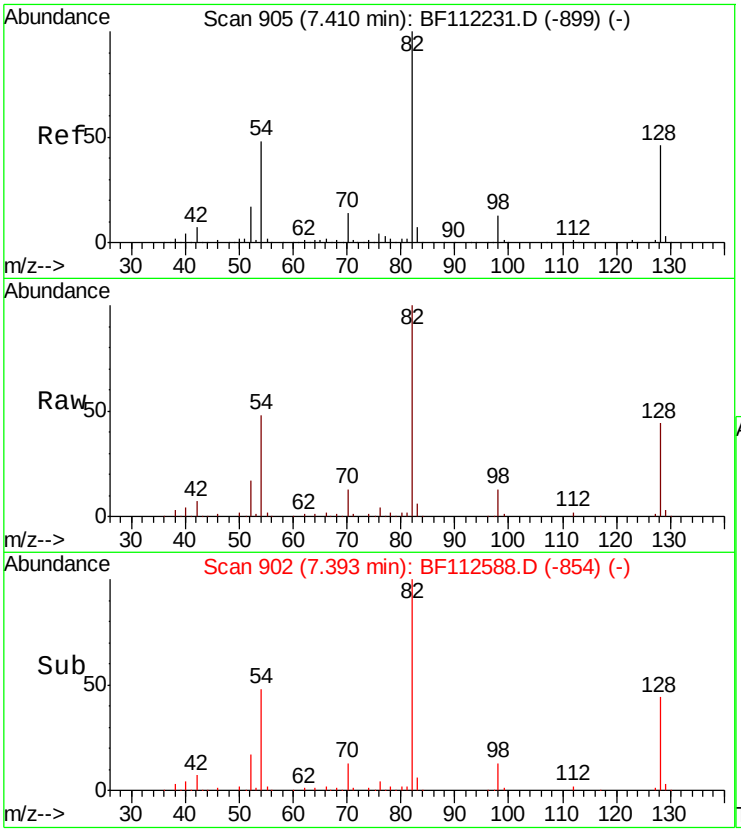


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF112588.D
Acq: 15 Feb 2019 19:37

Tgt Ion:136 Resp: 384268

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.1	13.7
54	5.5	5.9	8.9#
68	4.3	5.1	7.7#



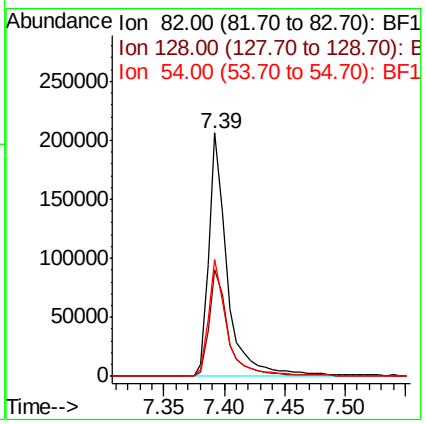


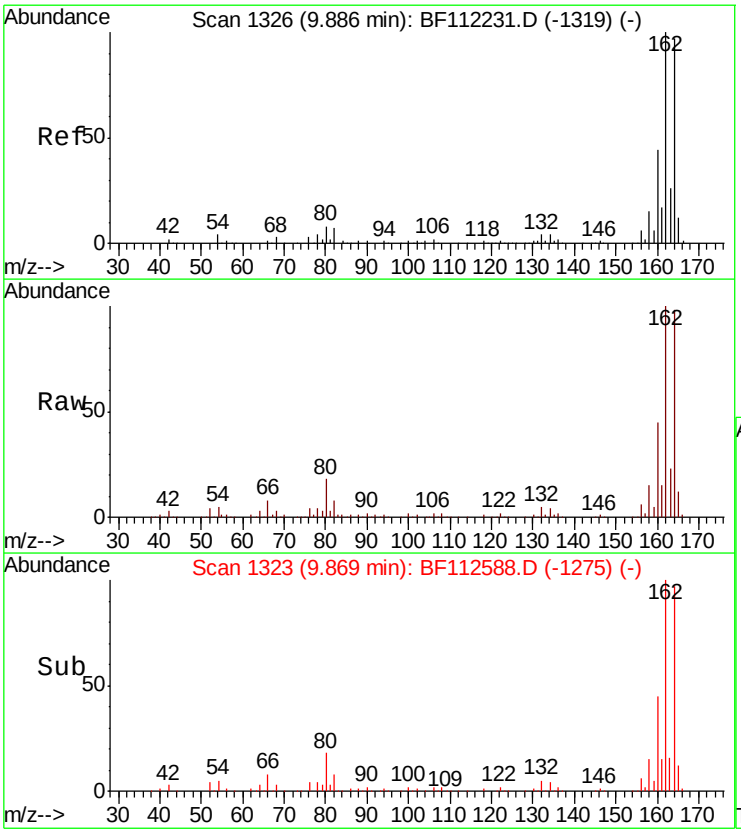
#23
Nitrobenzene-d5
Concen: 32.876 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.02 min
Lab File: BF112588.D
Acq: 15 Feb 2019 19:37

Instrument :
BNA_F
ClientSampleId :
CL-01-021419-B

Tgt Ion: 82 Resp: 219251

Ion	Ratio	Lower	Upper
82	100		
128	43.6	37.8	56.8
54	48.2	39.7	59.5

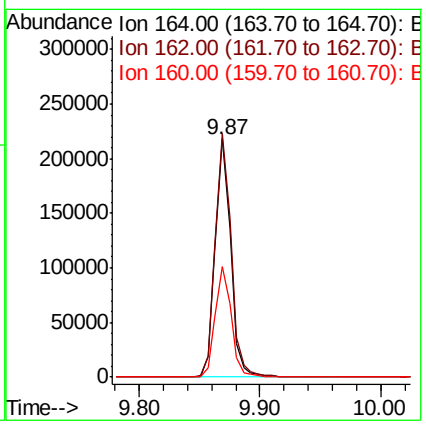


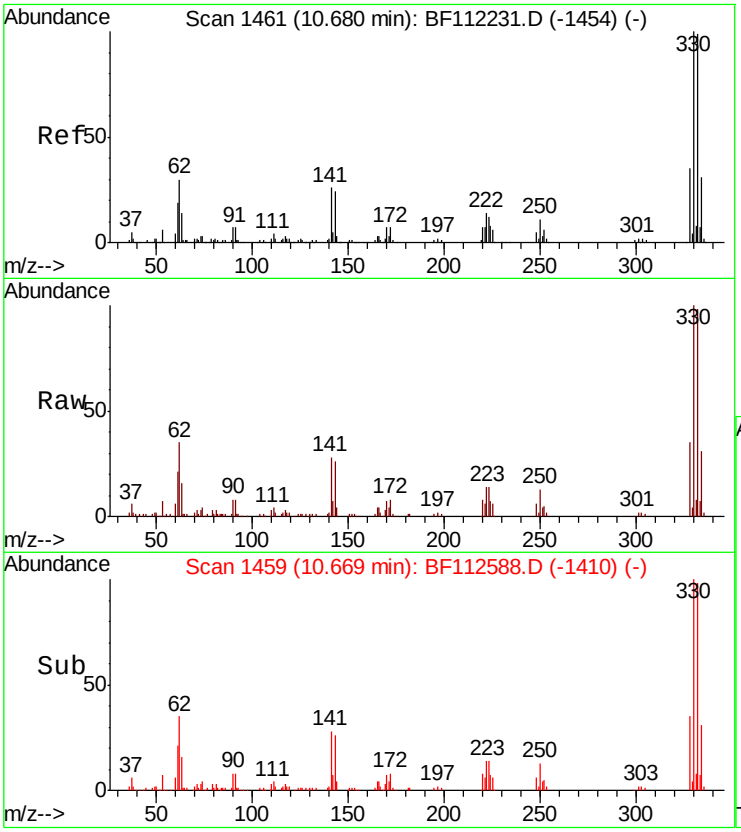


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF112588.D
Acq: 15 Feb 2019 19:37

Tgt Ion:164 Resp: 191441

Ion	Ratio	Lower	Upper
164	100		
162	102.1	82.2	123.4
160	46.3	36.2	54.4



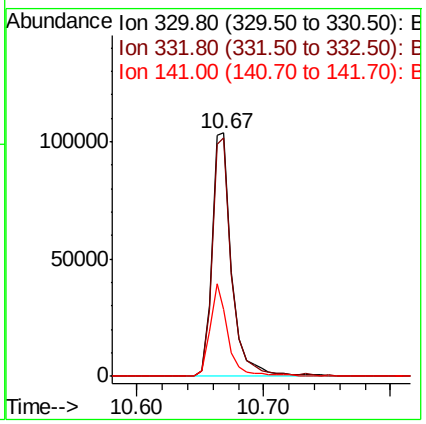


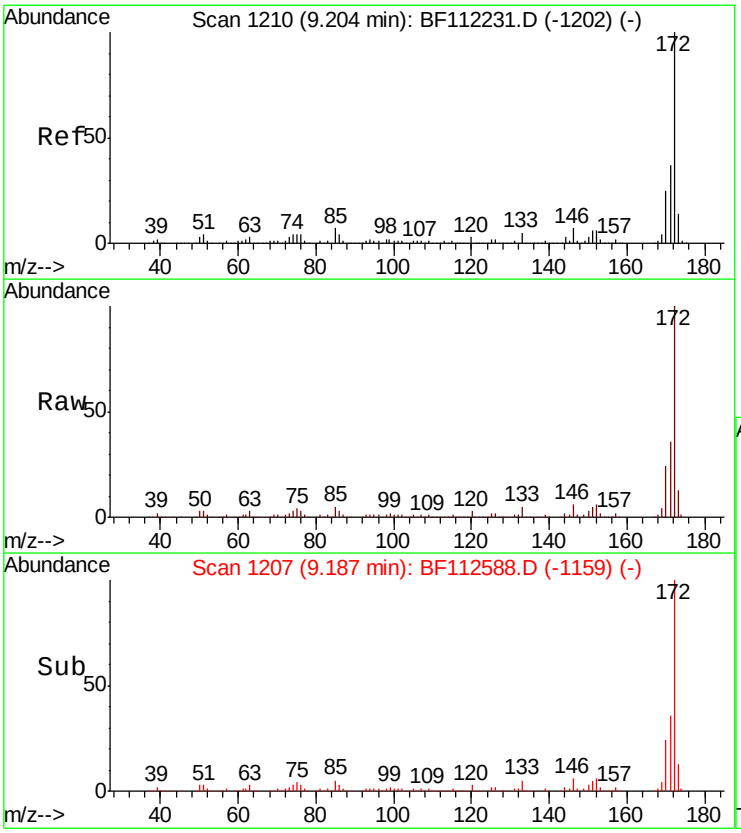
#42
2,4,6-Tribromophenol
Concen: 51.342 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF112588.D
Acq: 15 Feb 2019 19:37

Instrument :
BNA_F
ClientSampleId :
CL-01-021419-B

Tgt Ion:330 Resp: 114406

Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.6	114.8
141	34.5	24.3	36.5

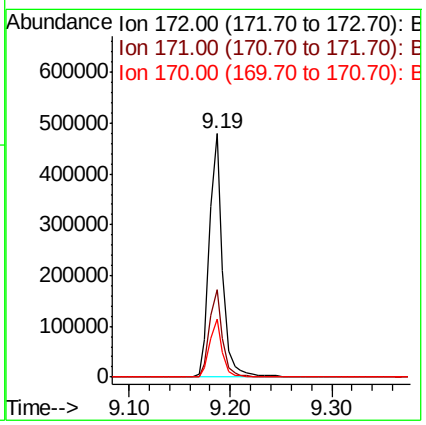


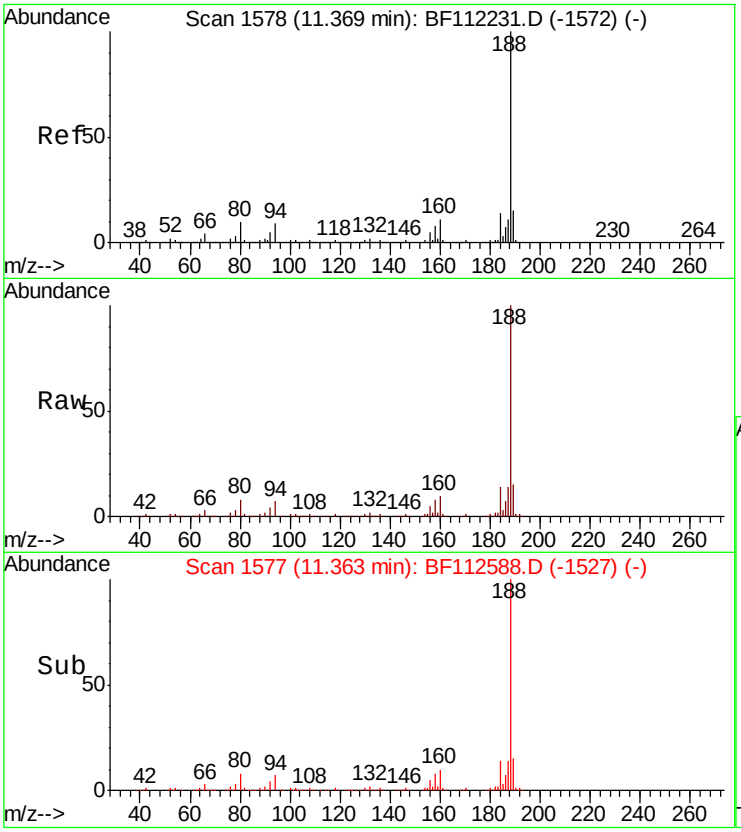


#45
2-Fluorobiphenyl
Concen: 31.912 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF112588.D
Acq: 15 Feb 2019 19:37

Tgt Ion:172 Resp: 431957

Ion	Ratio	Lower	Upper
172	100		
171	35.9	30.5	45.7
170	23.8	20.2	30.4



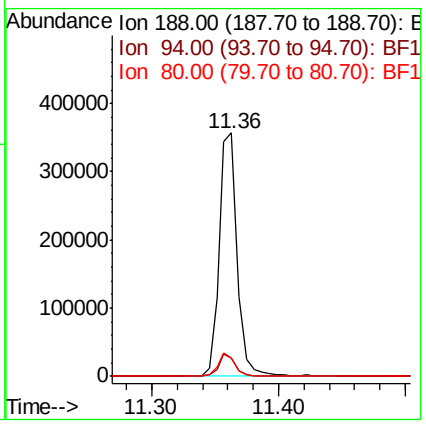


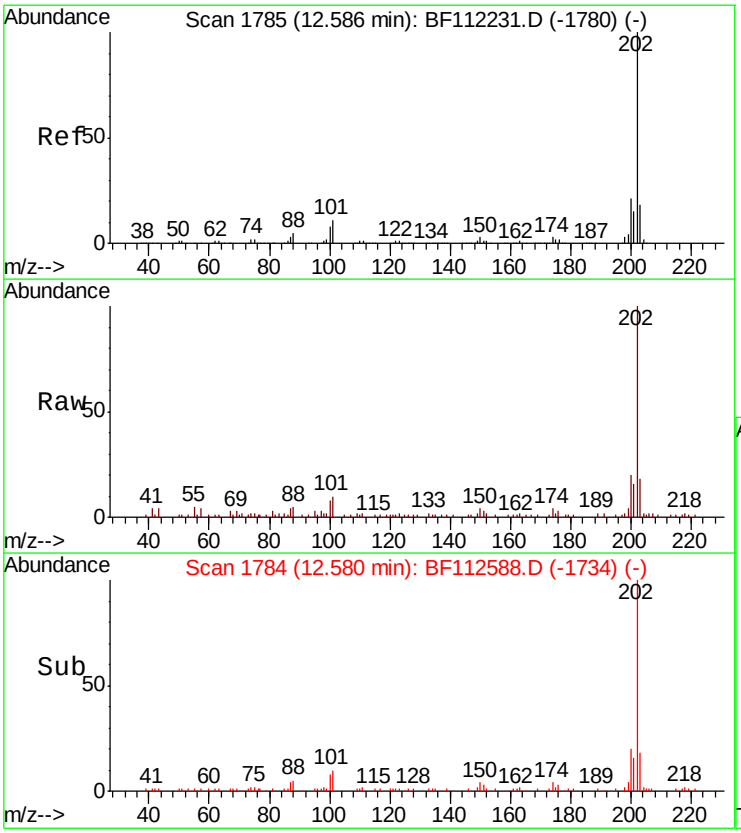
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF112588.D
Acq: 15 Feb 2019 19:37

Instrument :
BNA_F
ClientSampleId :
CL-01-021419-B

Tgt Ion:188 Resp: 353521

Ion	Ratio	Lower	Upper
188	100		
94	7.4	8.2	12.2#
80	7.7	8.9	13.3#

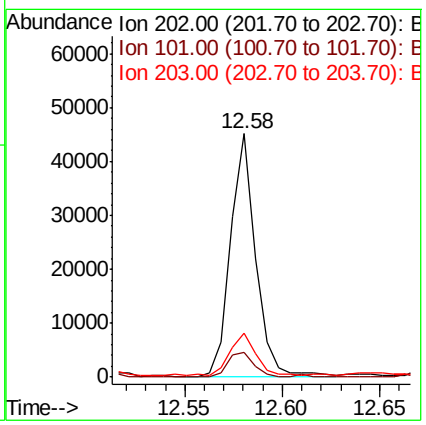


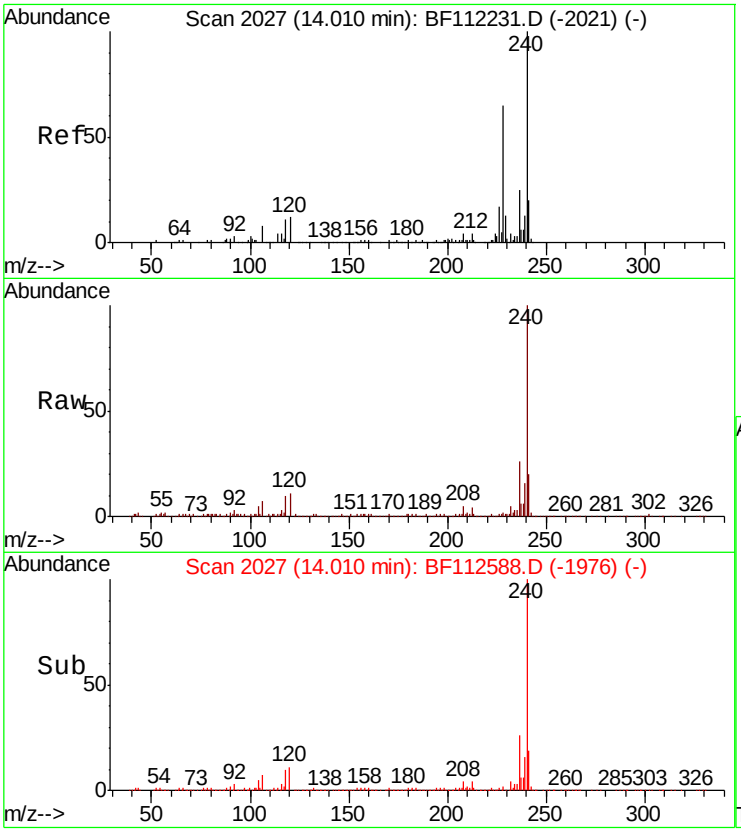


#75
Fluoranthene
Concen: 2.074 ng
RT: 12.58 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BF112588.D
Acq: 15 Feb 2019 19:37

Tgt Ion:202 Resp: 40887

Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	31.8
203	18.2	0.0	38.4



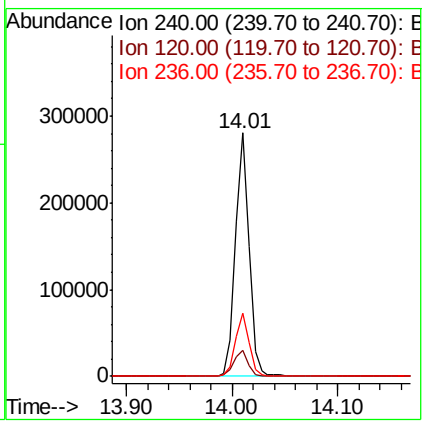


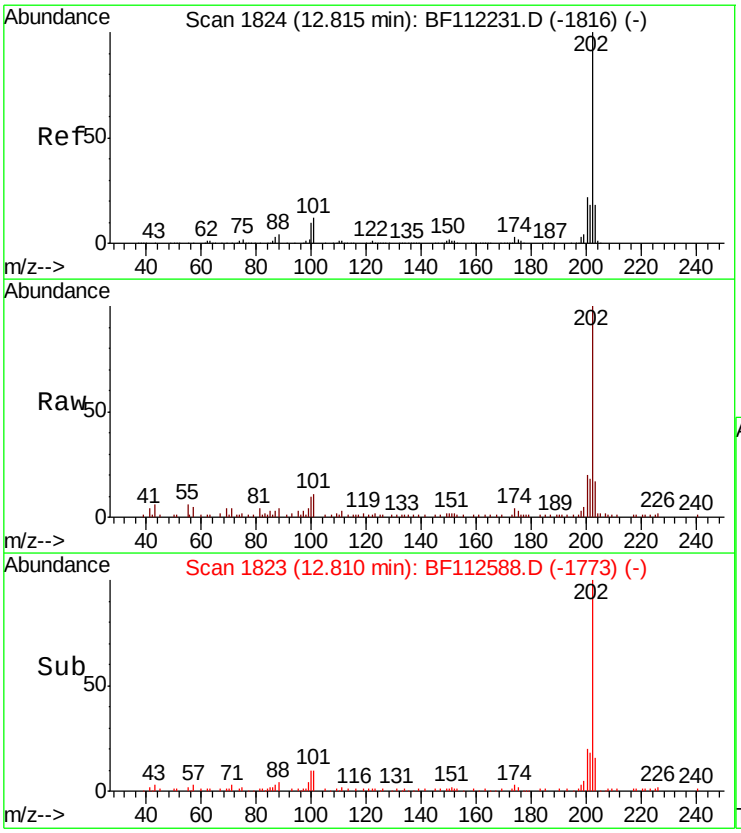
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BF112588.D
Acq: 15 Feb 2019 19:37

Instrument :
BNA_F
ClientSampleId :
CL-01-021419-B

Tgt Ion:240 Resp: 248076

Ion	Ratio	Lower	Upper
240	100		
120	10.8	9.0	13.6
236	25.9	20.7	31.1

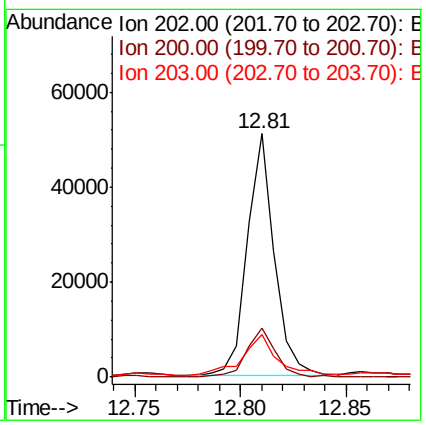


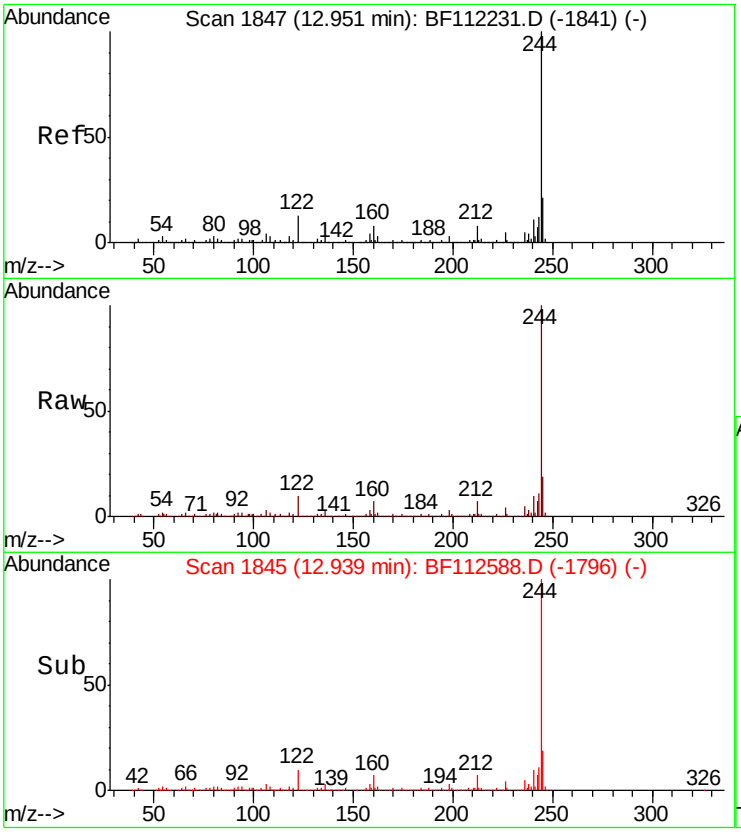


#78
Pyrene
Concen: 2.646 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BF112588.D
Acq: 15 Feb 2019 19:37

Tgt Ion:202 Resp: 45441

Ion	Ratio	Lower	Upper
202	100		
200	20.0	17.7	26.5
203	17.4	14.6	22.0



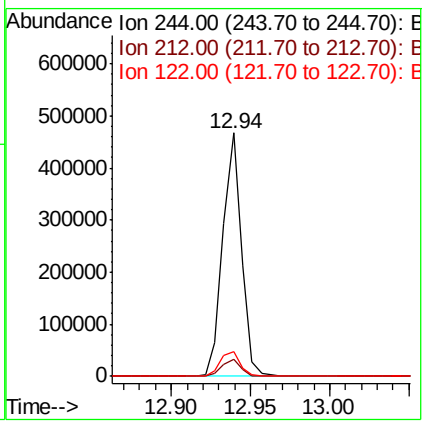


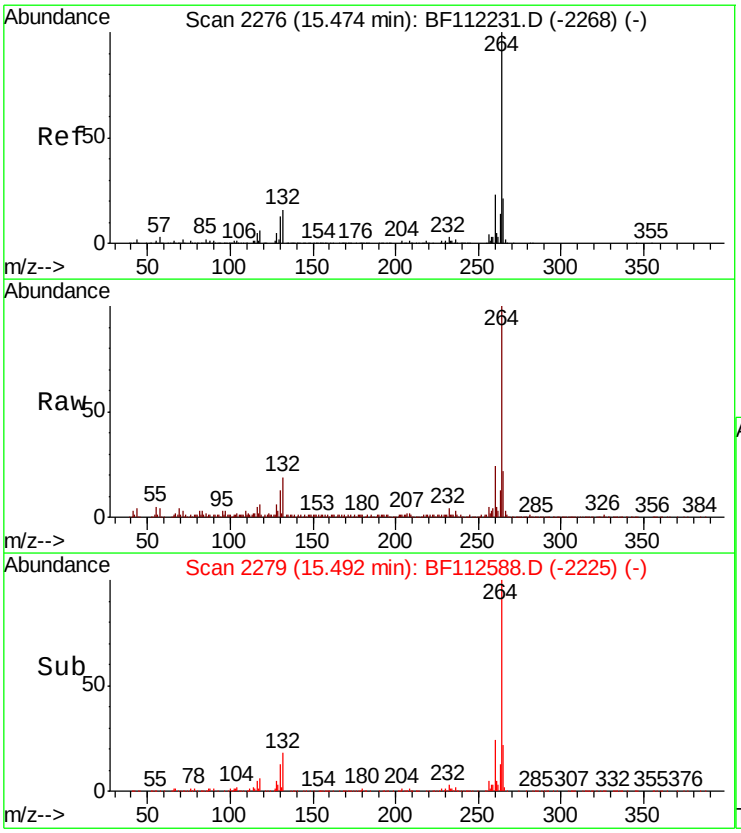
#79
Terphenyl-d14
Concen: 29.081 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF112588.D
Acq: 15 Feb 2019 19:37

Instrument :
BNA_F
ClientSampleId :
CL-01-021419-B

Tgt Ion:244 Resp: 383038

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.9	8.9
122	10.3	9.8	14.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.02 min
Lab File: BF112588.D
Acq: 15 Feb 2019 19:37

Tgt Ion:264 Resp: 242752

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.2	27.2
265	22.1	17.0	25.4