Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021919\
Data File : BF112615.D
Acq On : 19 Feb 2019 12:29
Operator : JU/SJ
Sample : K1513-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FLOORS

Quant Time: Feb 19 16:28:34 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	6.82	152	89190	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	365616	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	182873	20.00	ng	-0.03
64) Phenanthrene-d10	11.35	188	375398	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	331818	20.00	ng	-0.01
87) Perylene-d12	15.47	264	280031	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	161694	38.51	ng	-0.02
7) Phenol-d6	6.47	99	408842	70.07	ng	-0.02
23) Nitrobenzene-d5	7.39	82	390108	61.48	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	27951	13.13	ng	-0.02
45) 2-Fluorobiphenyl	9.17	172	852021	65.90	ng	-0.03
79) Terphenyl-d14	12.93	244	1070171	60.74	ng	-0.02
Target Compounds						Qvalue
25) Isophorone	7.65	82	21307	2.140	ng	99
50) Dimethylphthalate	9.57	163	44070	3.102	ng	98
84) Bis(2-ethylhexyl)phthalate	13.95	149	59506	3.772	ng	98

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

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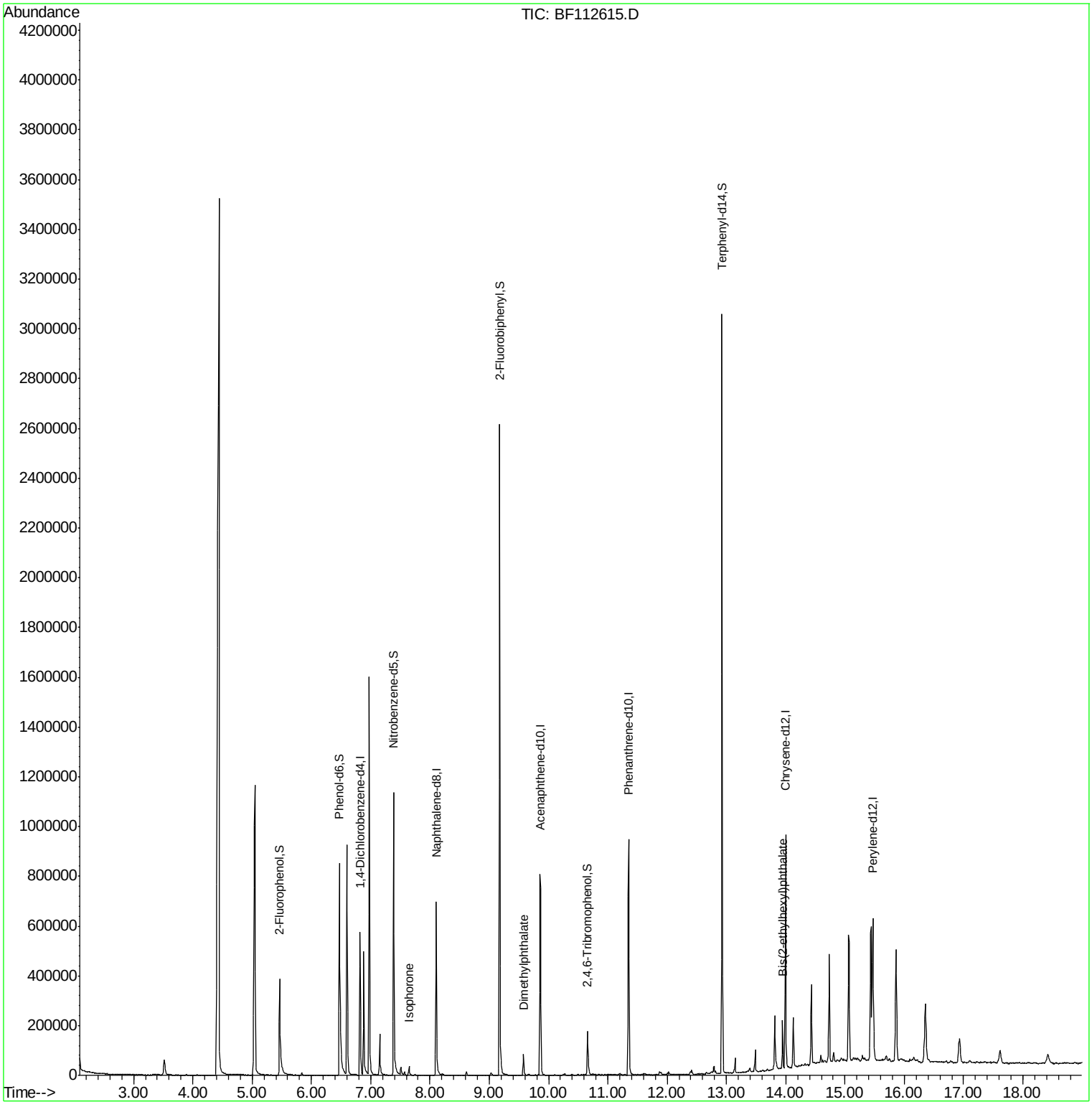
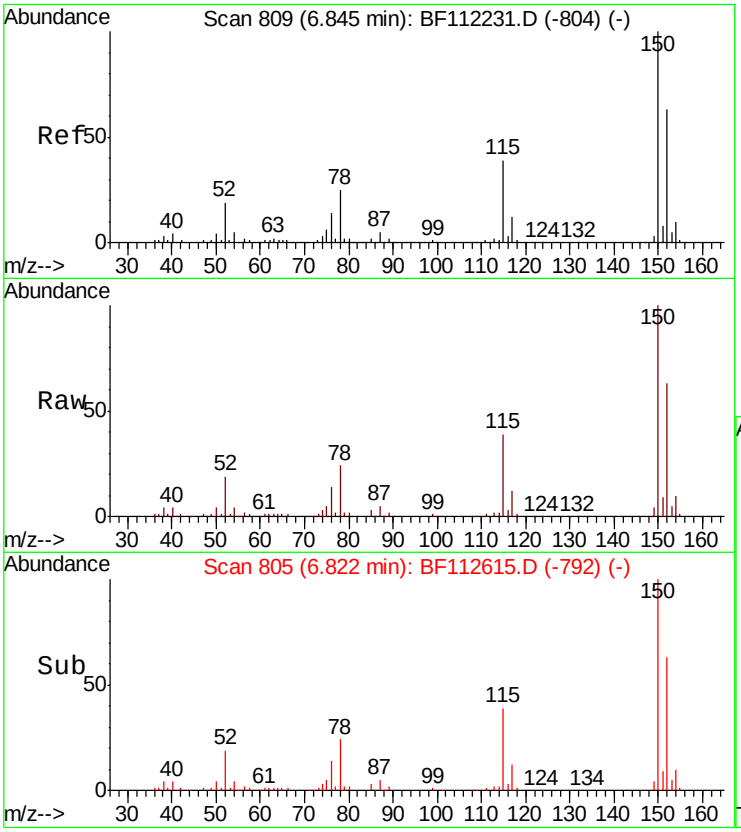


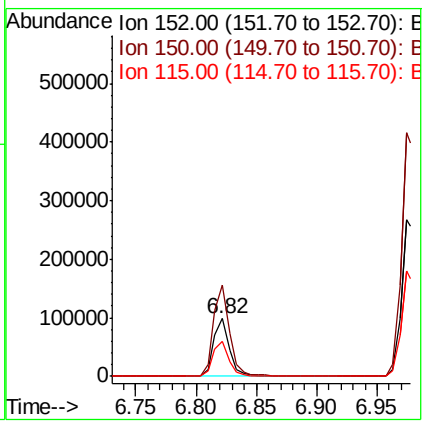


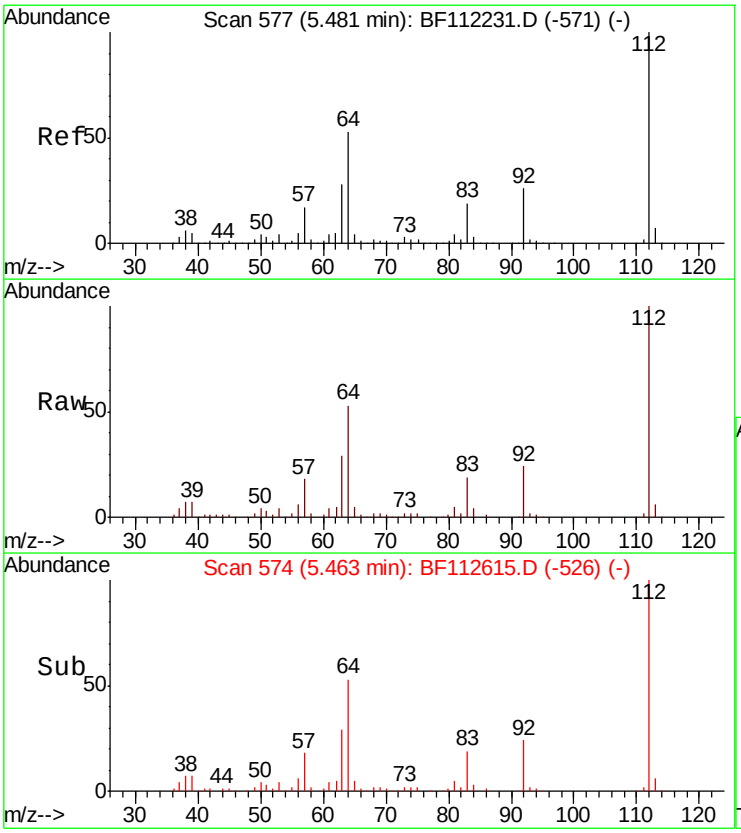
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF112615.D
Acq: 19 Feb 2019 12:29

Instrument :
BNA_F
ClientSampleId :
FLOORS

Tgt Ion:152 Resp: 89190

Ion	Ratio	Lower	Upper
152	100		
150	157.8	127.4	191.0
115	61.0	45.5	68.3

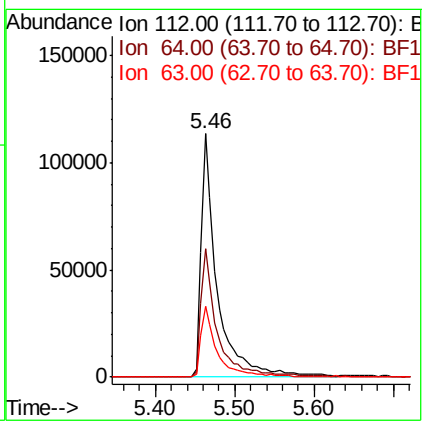


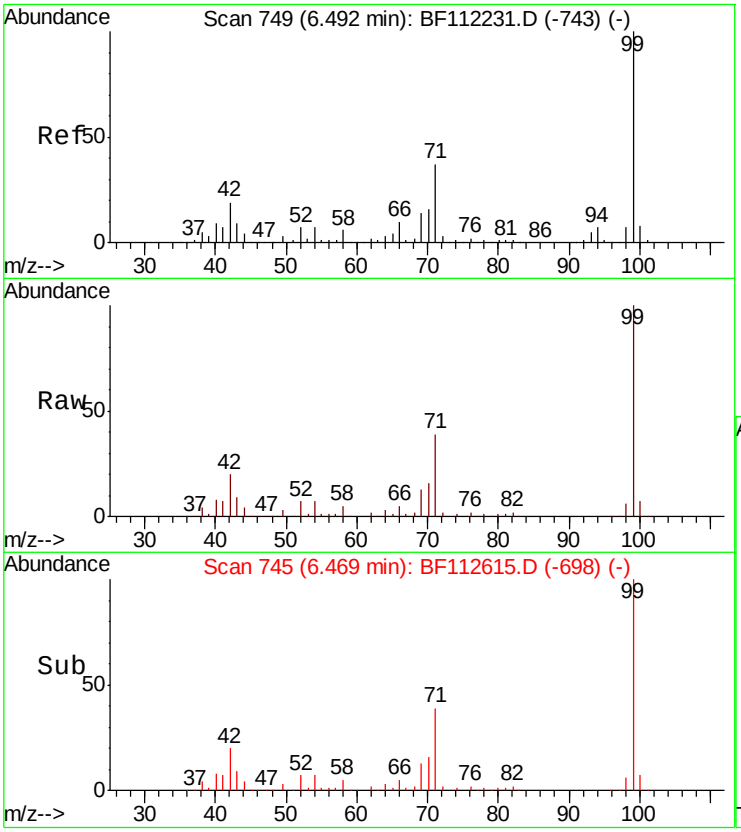


#5
2-Fluorophenol
Concen: 38.508 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.02 min
Lab File: BF112615.D
Acq: 19 Feb 2019 12:29

Tgt Ion:112 Resp: 161694

Ion	Ratio	Lower	Upper
112	100		
64	52.6	45.7	68.5
63	29.2	23.6	35.4



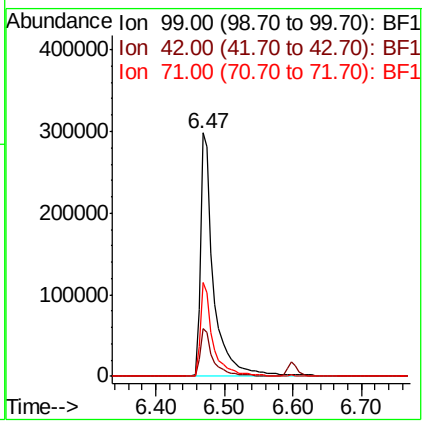


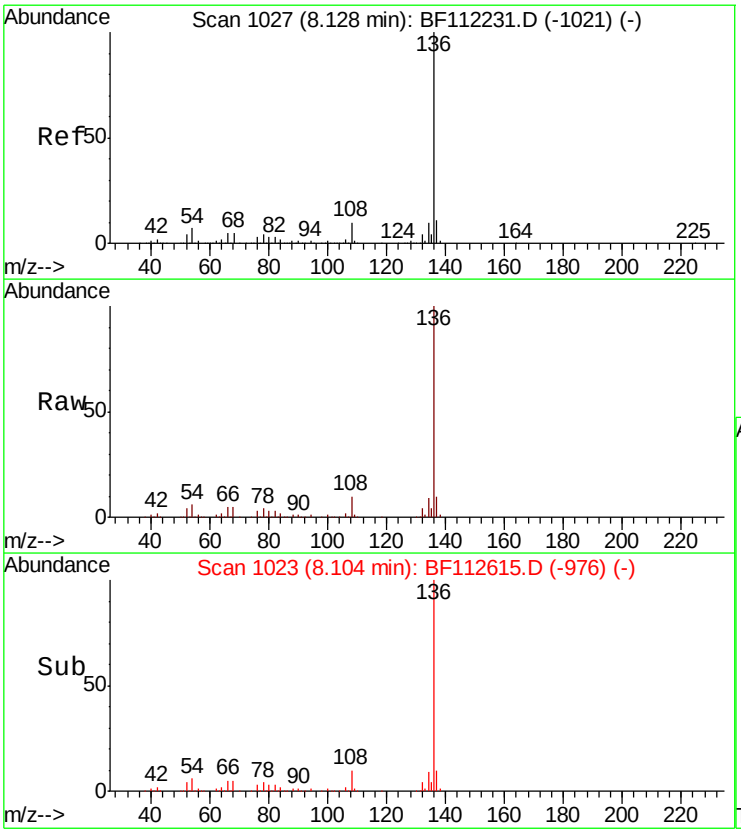
#7
Phenol-d6
Concen: 70.070 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.02 min
Lab File: BF112615.D
Acq: 19 Feb 2019 12:29

Instrument :
BNA_F
ClientSampleId :
FLOORS

Tgt Ion: 99 Resp: 408842

Ion	Ratio	Lower	Upper
99	100		
42	19.7	15.1	22.7
71	38.6	26.9	40.3

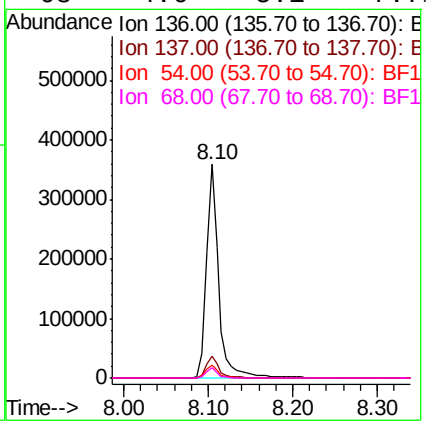


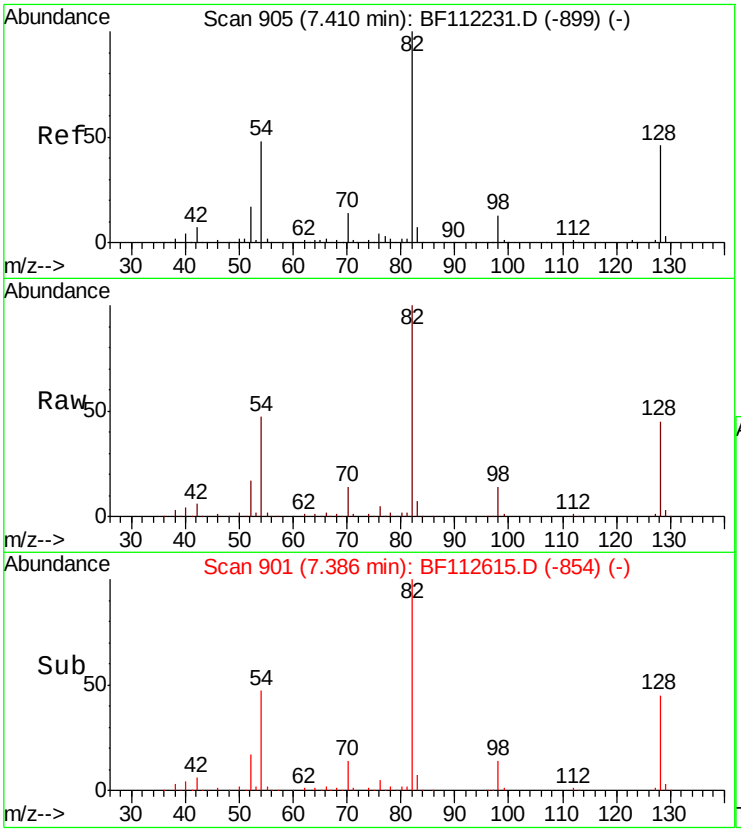


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF112615.D
Acq: 19 Feb 2019 12:29

Tgt Ion:136 Resp: 365616

Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.1	13.7
54	6.2	5.9	8.9
68	4.6	5.1	7.7#



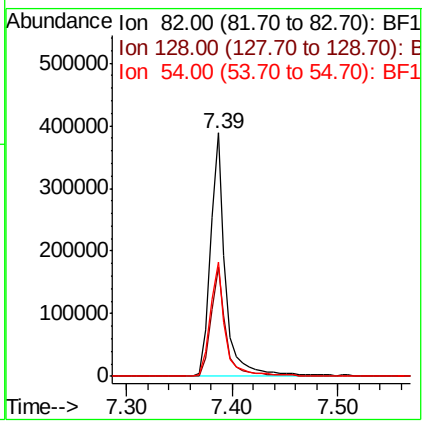


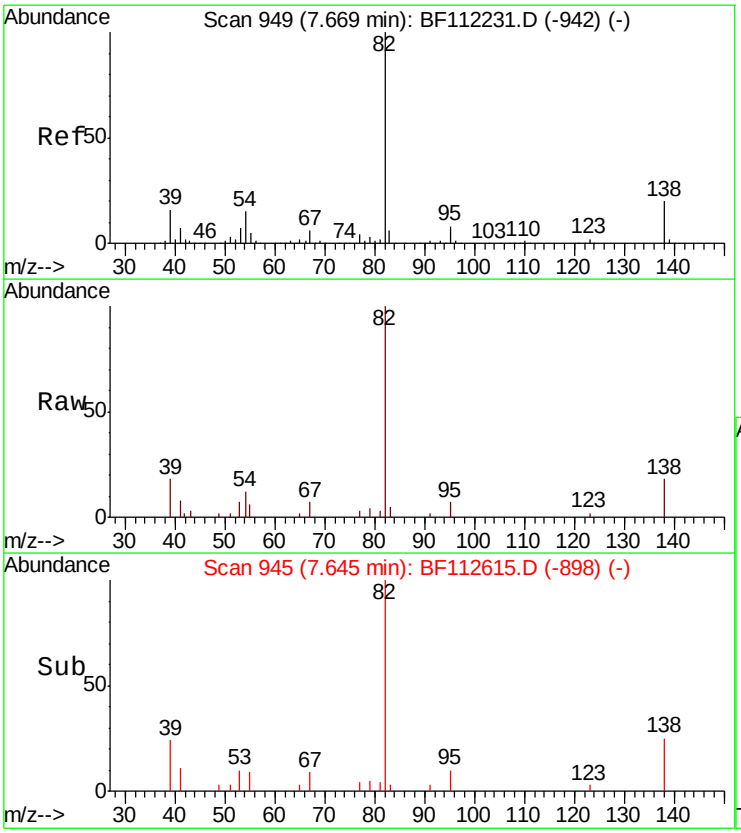
#23
Nitrobenzene-d5
Concen: 61.480 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.02 min
Lab File: BF112615.D
Acq: 19 Feb 2019 12:29

Instrument :
BNA_F
ClientSampleId :
FLOORS

Tgt Ion: 82 Resp: 390108

Ion	Ratio	Lower	Upper
82	100		
128	45.0	37.8	56.8
54	47.0	39.7	59.5

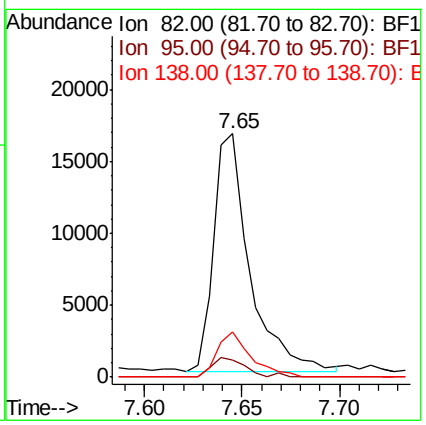


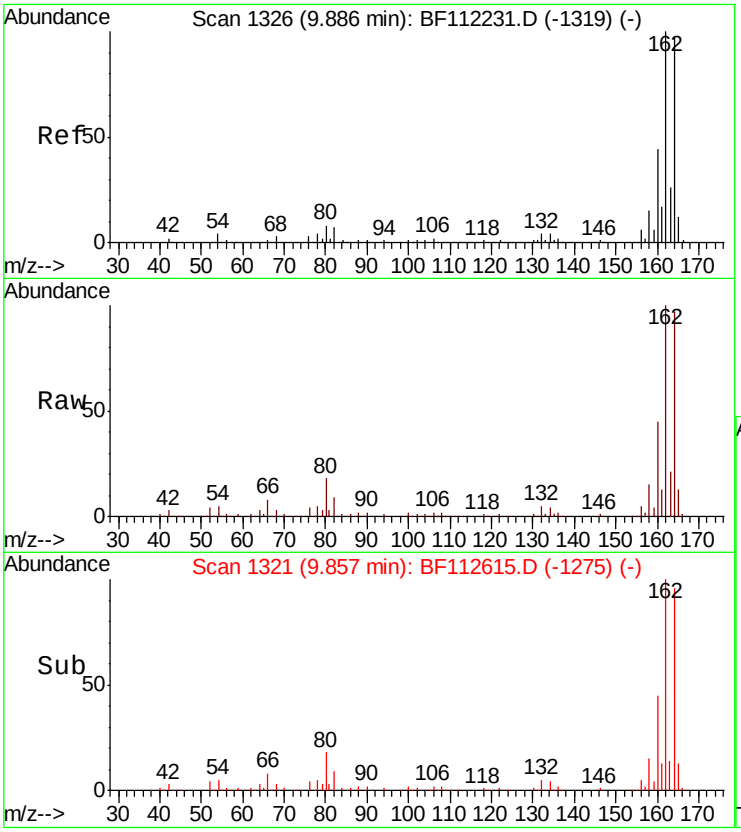


#25
Isophorone
Concen: 2.140 ng
RT: 7.65 min Scan# 945
Delta R.T. -0.02 min
Lab File: BF112615.D
Acq: 19 Feb 2019 12:29

Tgt Ion: 82 Resp: 21307

Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.7	8.5
138	18.4	15.4	23.0



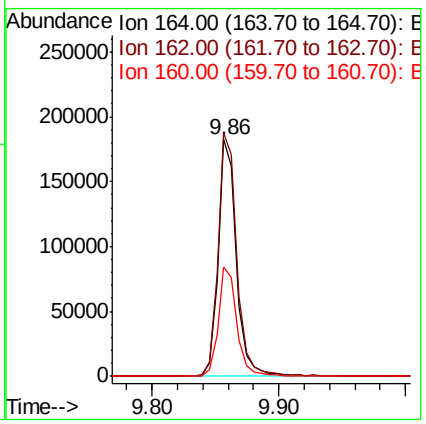


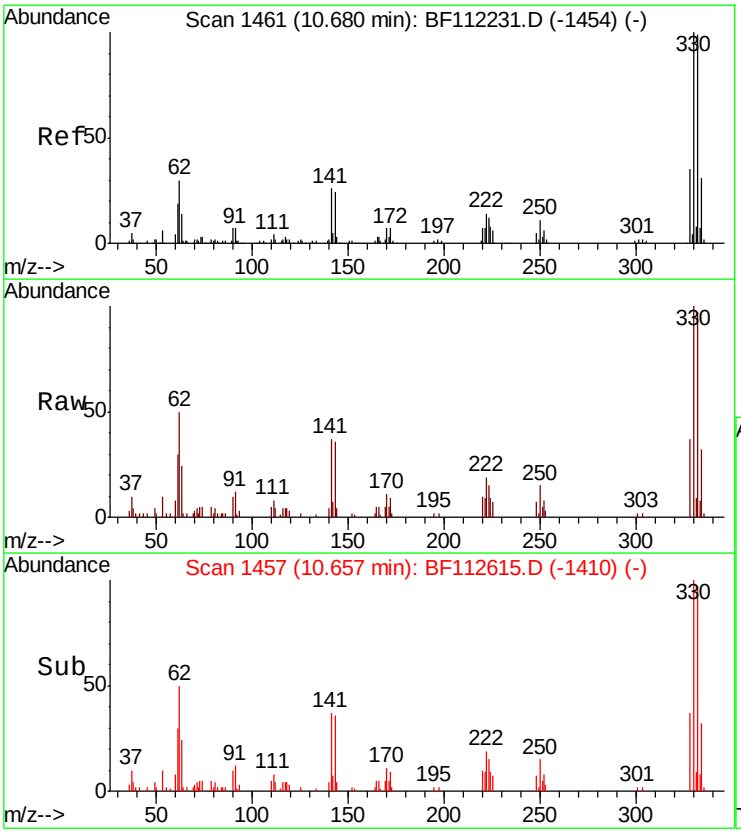
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.03 min
Lab File: BF112615.D
Acq: 19 Feb 2019 12:29

Instrument :
BNA_F
ClientSampleId :
FLOORS

Tgt Ion:164 Resp: 182873

Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.2	123.4
160	46.0	36.2	54.4

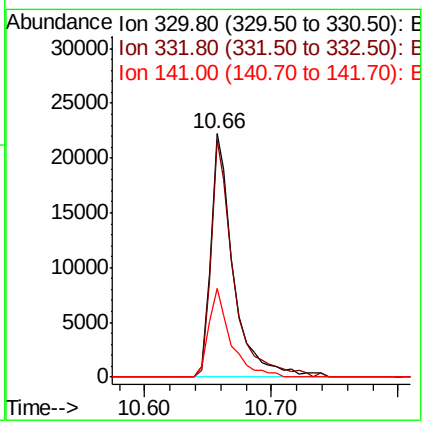


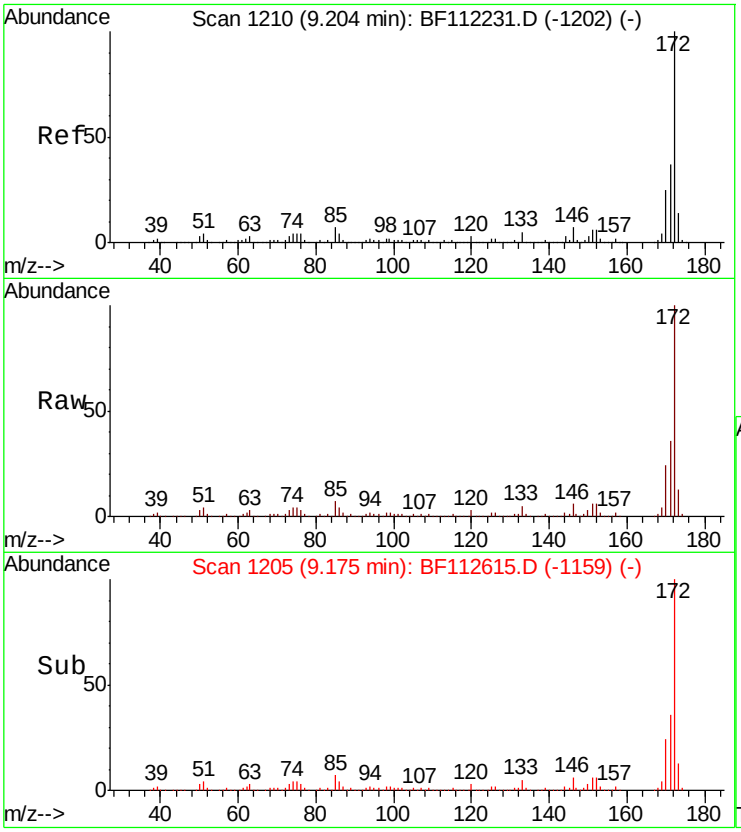


#42
2,4,6-Tribromophenol
Concen: 13.131 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.02 min
Lab File: BF112615.D
Acq: 19 Feb 2019 12:29

Tgt Ion:330 Resp: 27951

Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.6	114.8
141	35.3	24.3	36.5



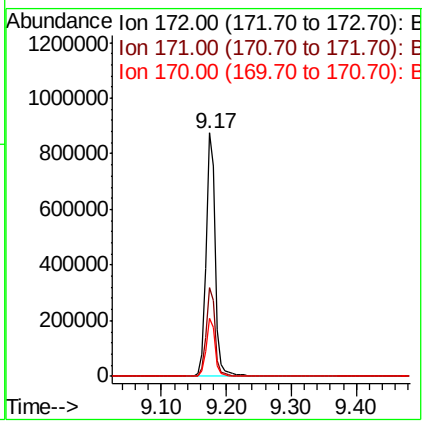


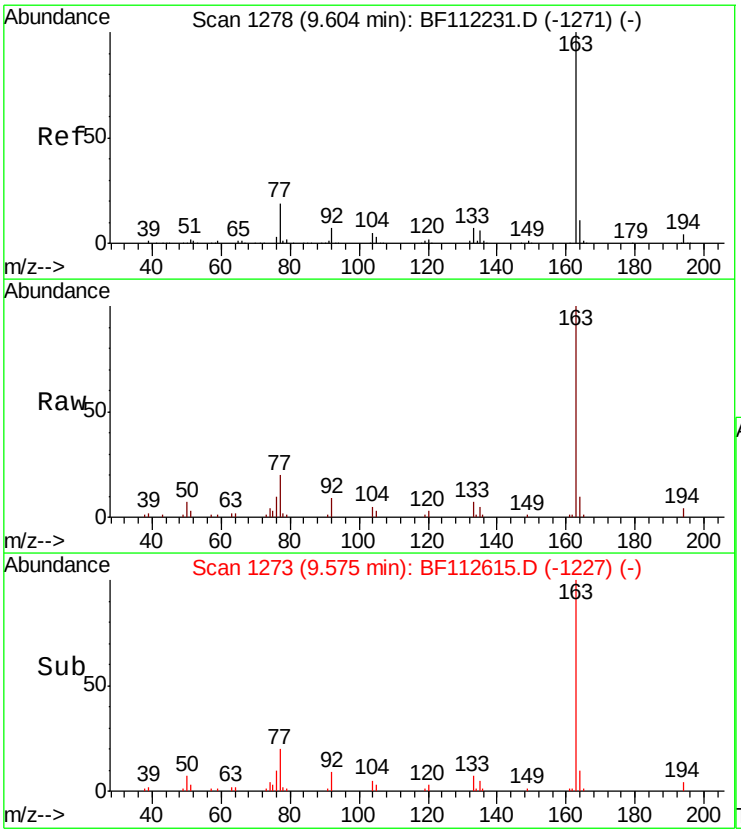
#45
2-Fluorobiphenyl
Concen: 65.895 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.03 min
Lab File: BF112615.D
Acq: 19 Feb 2019 12:29

Instrument :
BNA_F
ClientSampleId :
FLOORS

Tgt Ion:172 Resp: 852021

Ion	Ratio	Lower	Upper
172	100		
171	36.4	30.5	45.7
170	23.6	20.2	30.4

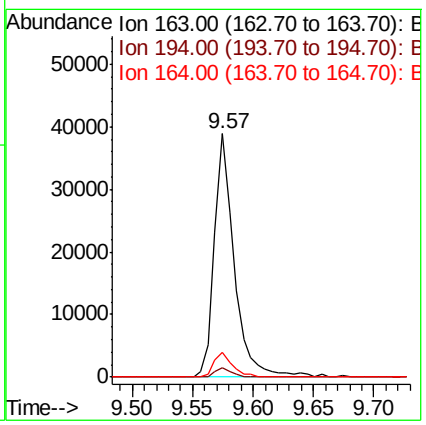


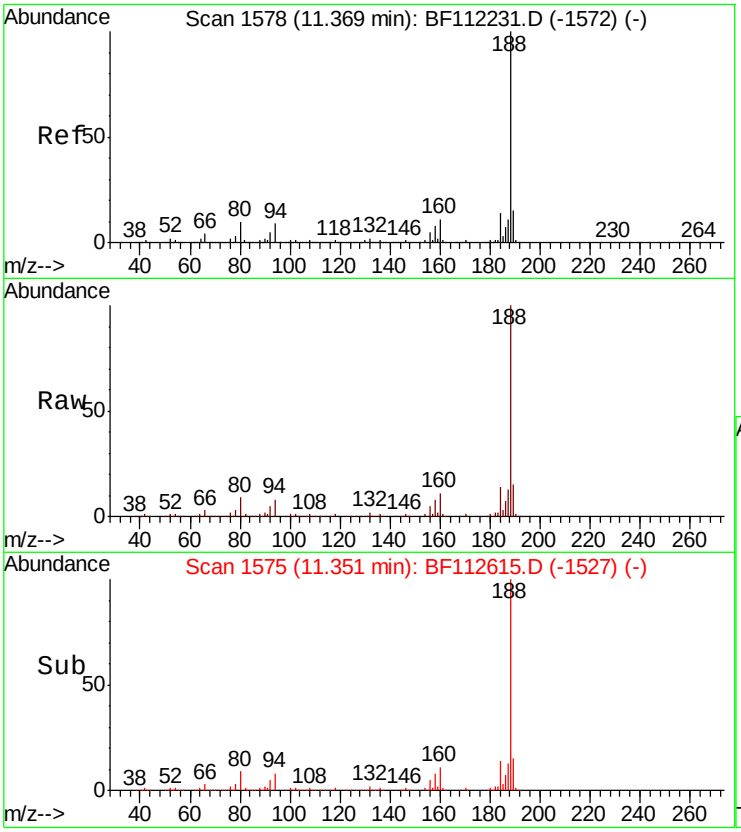


#50
Dimethylphthalate
Concen: 3.102 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.03 min
Lab File: BF112615.D
Acq: 19 Feb 2019 12:29

Tgt Ion:163 Resp: 44070

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.3	4.9
164	10.0	8.5	12.7



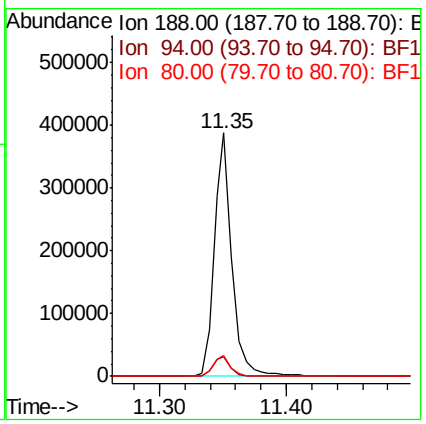


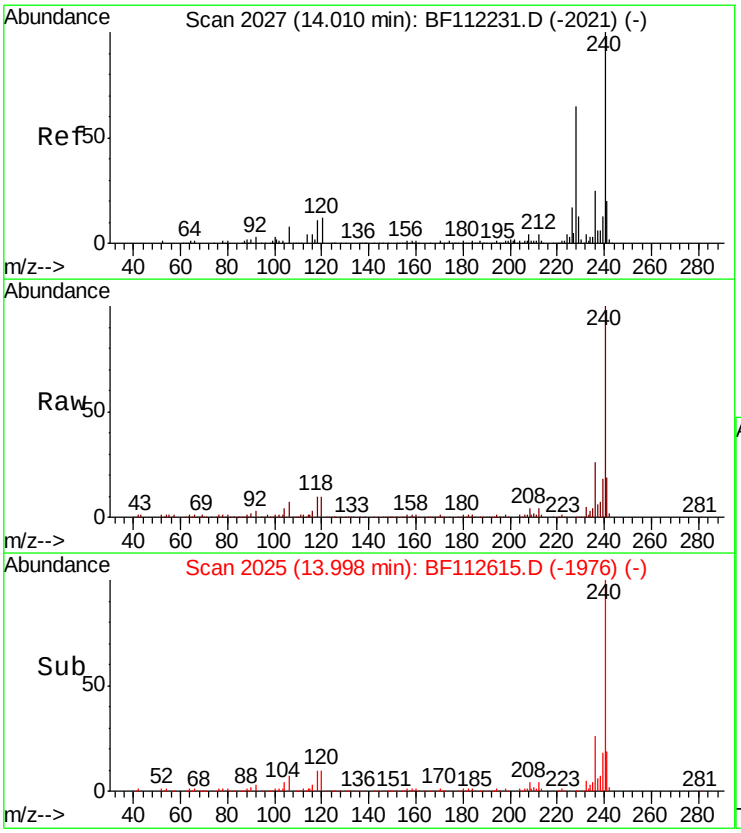
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF112615.D
Acq: 19 Feb 2019 12:29

Instrument :
BNA_F
ClientSampleId :
FLOORS

Tgt Ion:188 Resp: 375398

Ion	Ratio	Lower	Upper
188	100		
94	7.9	8.2	12.2#
80	8.8	8.9	13.3#

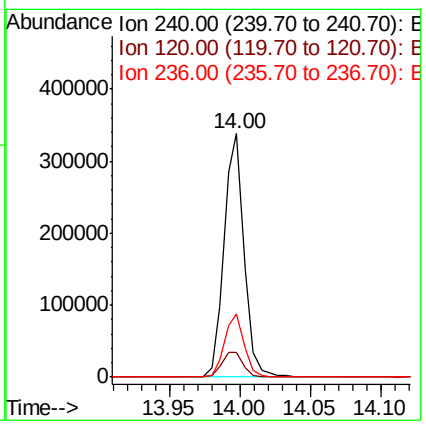


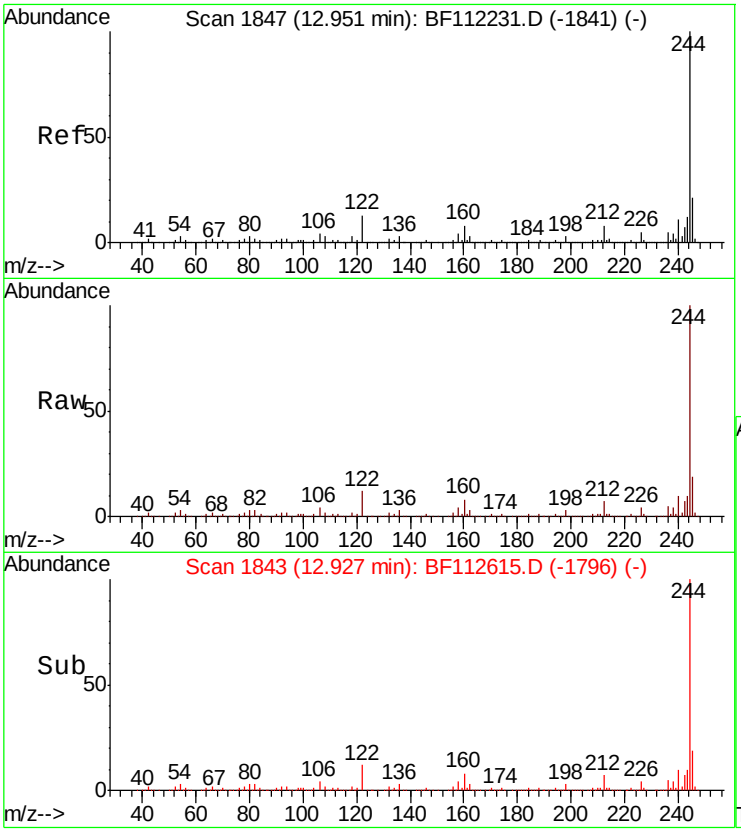


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF112615.D
Acq: 19 Feb 2019 12:29

Tgt Ion:240 Resp: 331818

Ion	Ratio	Lower	Upper
240	100		
120	10.1	9.0	13.6
236	25.8	20.7	31.1



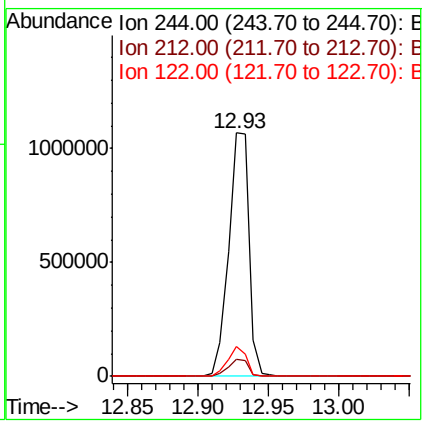


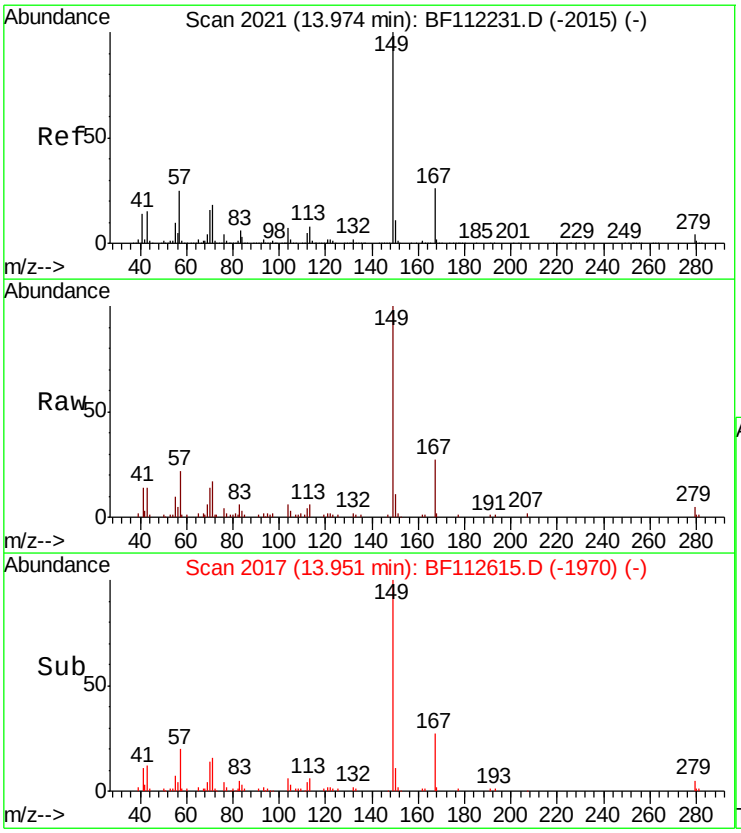
#79
Terphenyl-d14
Concen: 60.744 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.02 min
Lab File: BF112615.D
Acq: 19 Feb 2019 12:29

Instrument :
BNA_F
ClientSampleId :
FLOORS

Tgt Ion:244 Resp: 1070171

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.9	8.9
122	12.4	9.8	14.6

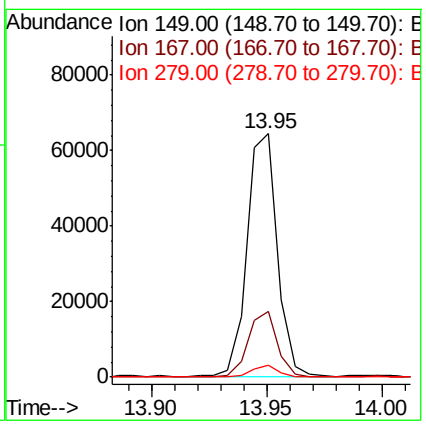


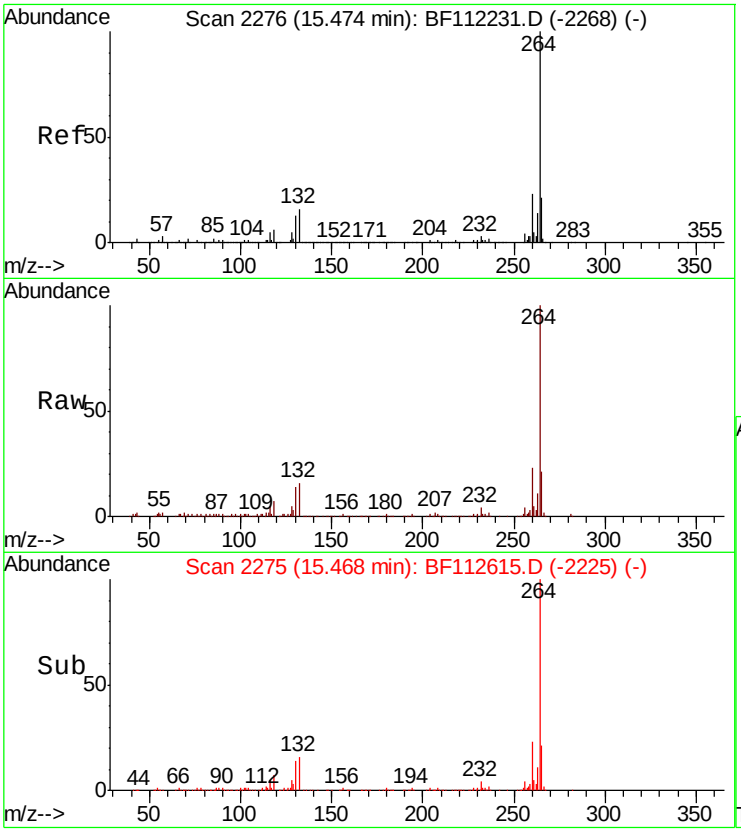


#84
Bis(2-ethylhexyl)phthalate
Concen: 3.772 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.02 min
Lab File: BF112615.D
Acq: 19 Feb 2019 12:29

Tgt Ion:149 Resp: 59506

Ion	Ratio	Lower	Upper
149	100		
167	26.8	22.5	33.7
279	4.7	3.8	5.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF112615.D
Acq: 19 Feb 2019 12:29

Instrument :
BNA_F
ClientSampleId :
FLOORS

Tgt Ion:264 Resp: 280031

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.2	27.2
265	21.3	17.0	25.4