Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121518\
Data File : BF111501.D
Acq On : 16 Dec 2018 7:55
Operator : JU/SJ
Sample : J6440-01
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-1

Quant Time: Dec 17 01:48:12 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 14 13:26:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	114320	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	398427	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	170403	20.00	ng		0.00
64) Phenanthrene-d10	11.31	188	319393	20.00	ng		0.00
76) Chrysene-d12	14.00	240	145448	20.00	ng		0.05
87) Perylene-d12	15.46	264	142286	20.00	ng		0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	550305	80.10	ng		0.00
7) Phenol-d6	6.43	99	681818	74.61	ng		0.00
23) Nitrobenzene-d5	7.35	82	379054	56.65	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	114779	75.19	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	612808	55.55	ng		0.00
79) Terphenyl-d14	12.92	244	453378	73.20	ng		0.02
Target Compounds							Qvalue
10) Phenol	6.44	94	43363	4.260	ng		91
37) 2-Methylnaphthalene	8.79	142	26764	2.122	ng		99
50) Dimethylphthalate	9.54	163	63787	5.198	ng		99
71) Phenanthrene	11.33	178	79646	4.839	ng		96
74) Di-n-butylphthalate	11.88	149	52722	2.720	ng	#	91
75) Fluoranthene	12.53	202	100365	6.234	ng		94
78) Pyrene	12.77	202	89439	8.722	ng	#	90
81) Benzo(a)anthracene	13.99	228	24604	3.111	ng	#	72
83) Chrysene	14.02	228	25708	3.086	ng	#	74
84) Bis(2-ethylhexyl)phthalate	13.98	149	618205	96.833	ng		98

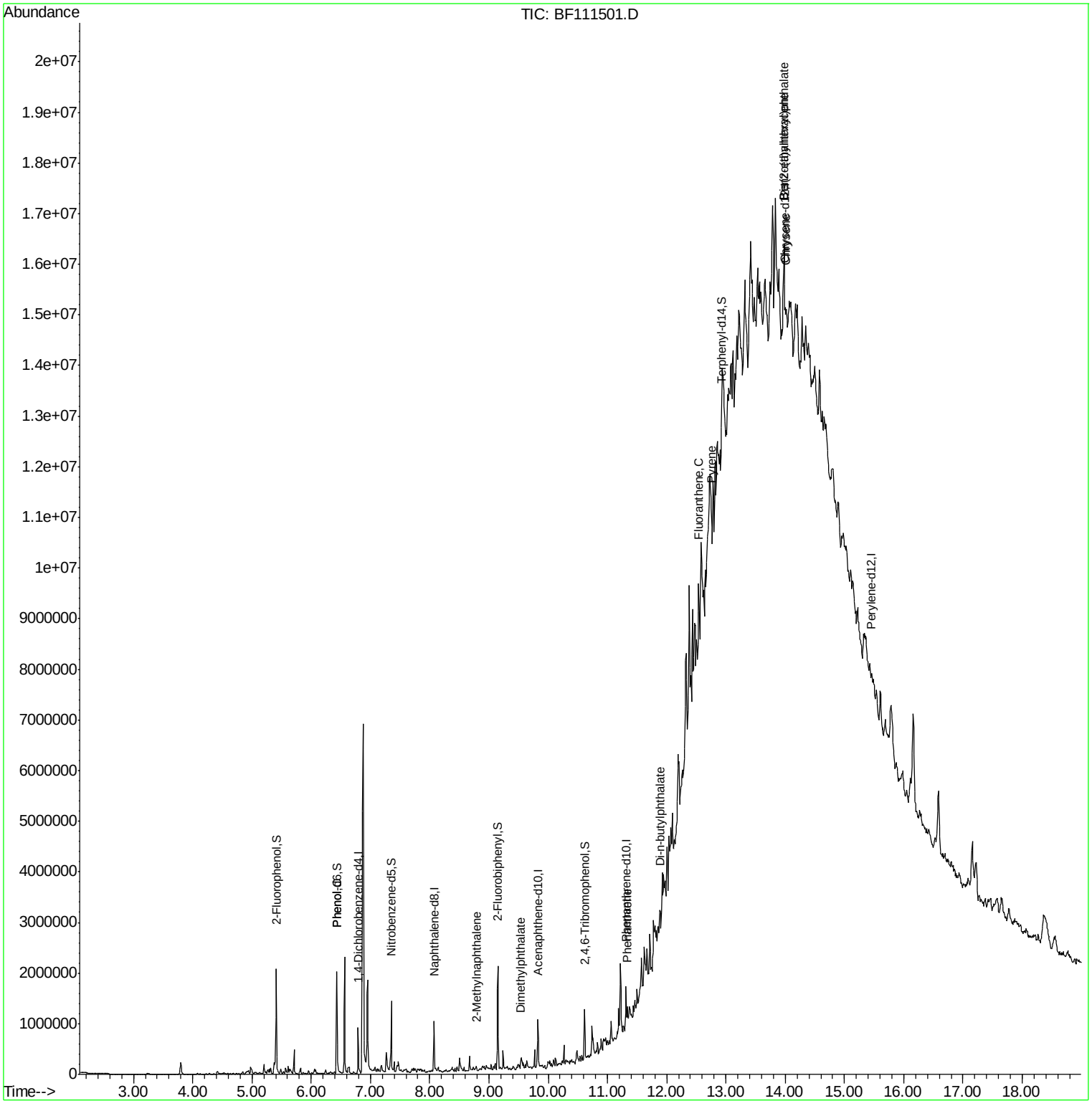
(#) = qualifier out of range (m) = manual integration (+) = signals summed

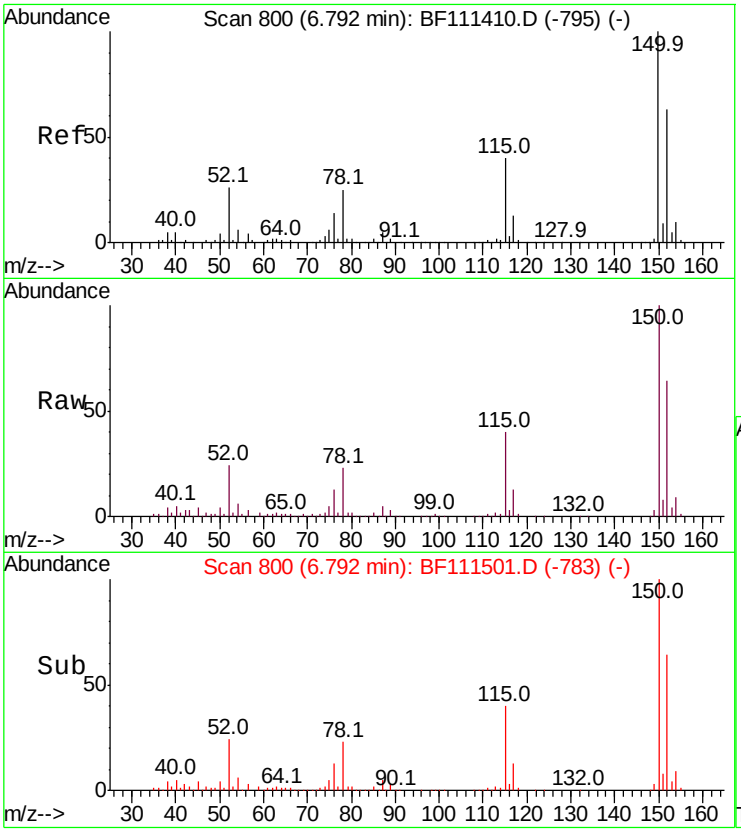
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121518\
Data File : BF111501.D
Acq On : 16 Dec 2018 7:55
Operator : JU/SJ
Sample : J6440-01
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-1

Quant Time: Dec 17 01:48:12 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 14 13:26:17 2018
Response via : Initial Calibration



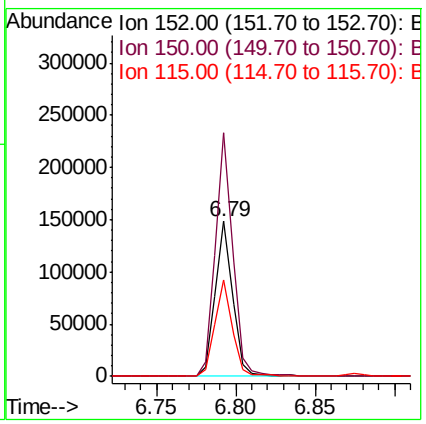


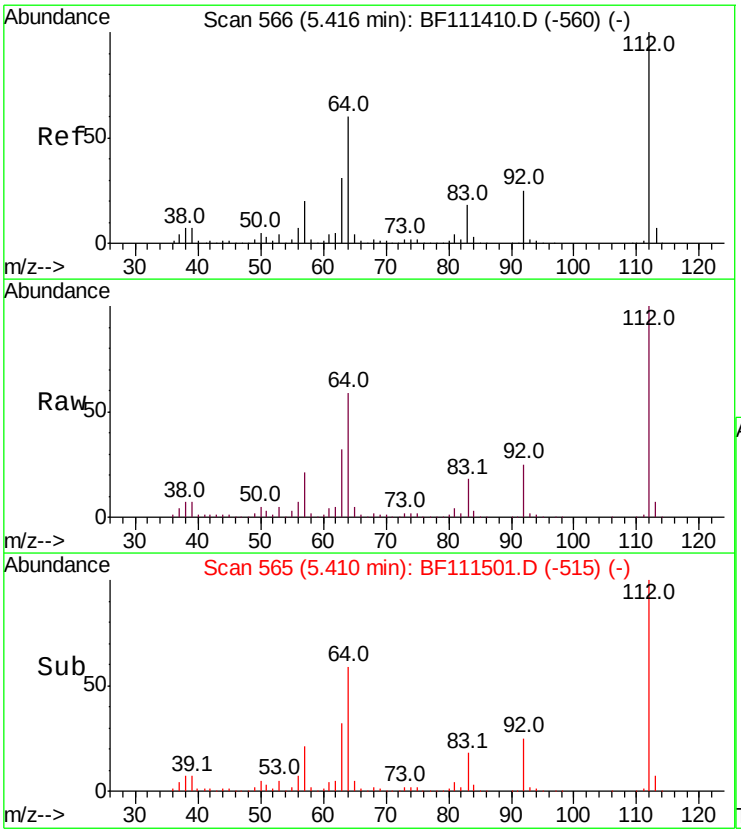
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF111501.D
Acq: 16 Dec 2018 7:55

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tgt Ion:152 Resp: 114320

Ion	Ratio	Lower	Upper
152	100		
150	157.1	126.6	189.8
115	62.5	50.7	76.1

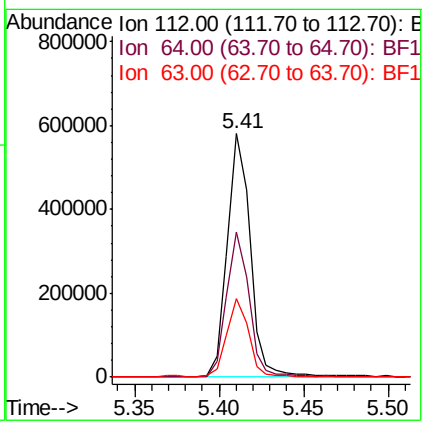


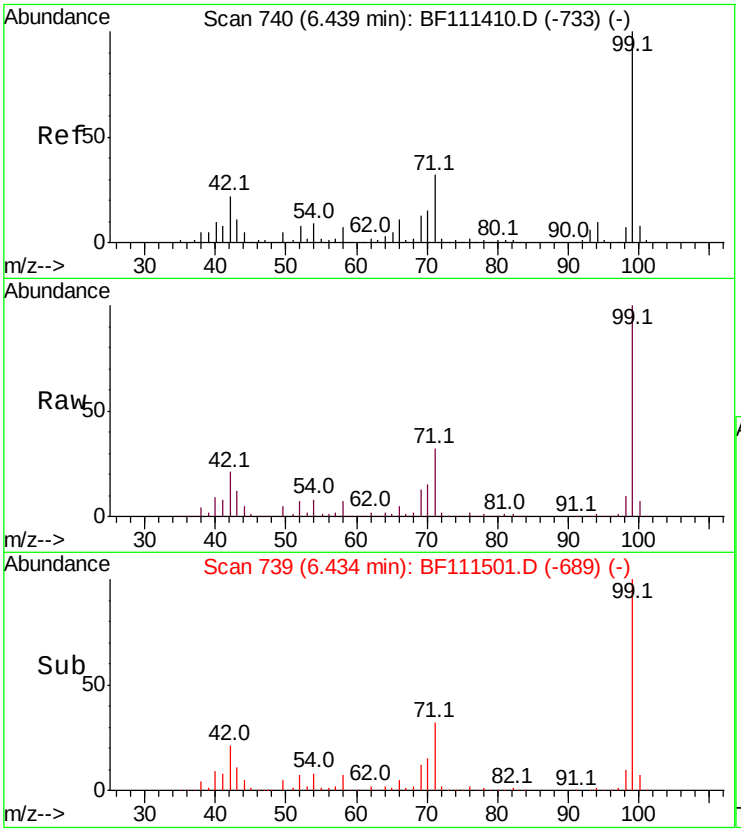


#5
2-Fluorophenol
Concen: 80.103 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.00 min
Lab File: BF111501.D
Acq: 16 Dec 2018 7:55

Tgt Ion:112 Resp: 550305

Ion	Ratio	Lower	Upper
112	100		
64	59.4	51.8	77.6
63	32.1	26.8	40.2



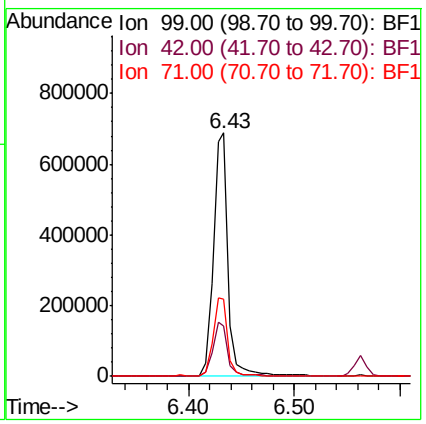


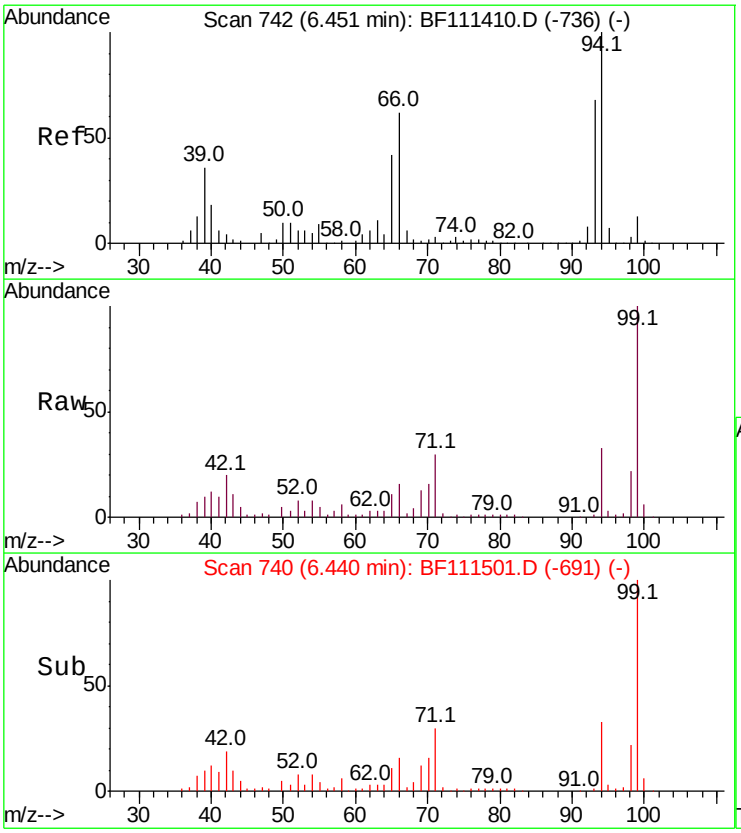
#7
Phenol-d6
Concen: 74.612 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF111501.D
Acq: 16 Dec 2018 7:55

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tgt Ion: 99 Resp: 681818

Ion	Ratio	Lower	Upper
99	100		
42	20.9	17.4	26.0
71	31.6	26.1	39.1

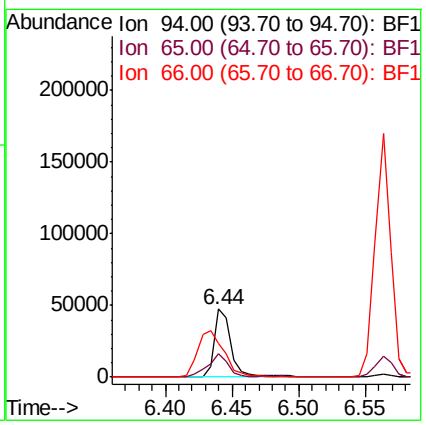


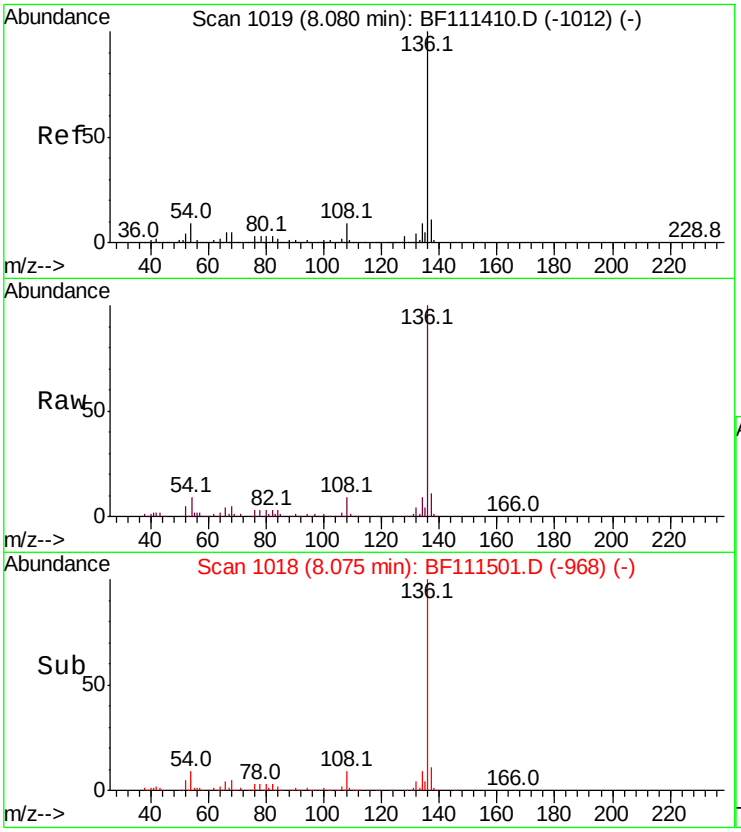


#10
Phenol
Concen: 4.260 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF111501.D
Acq: 16 Dec 2018 7:55

Tgt Ion: 94 Resp: 43363

Ion	Ratio	Lower	Upper
94	100		
65	33.6	11.7	51.7
66	49.1	21.0	61.0



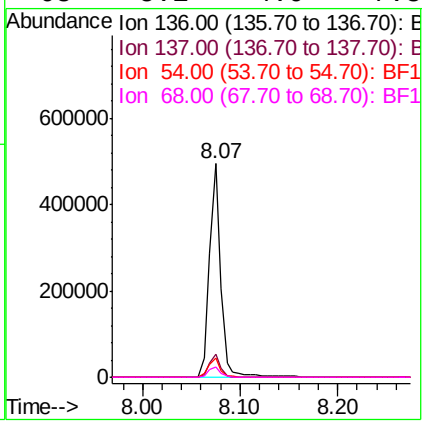


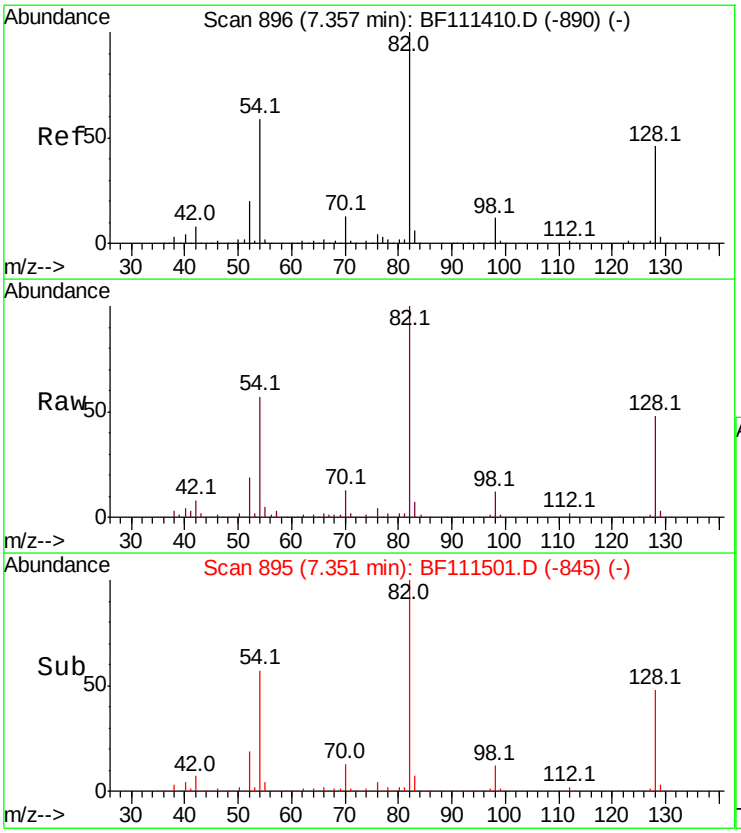
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111501.D
Acq: 16 Dec 2018 7:55

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tgt Ion:136 Resp: 398427

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	8.9	7.7	11.5
68	5.1	4.9	7.3

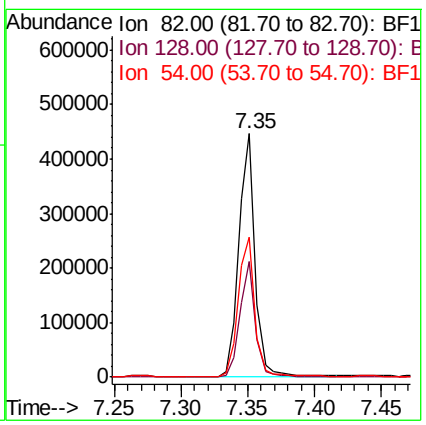


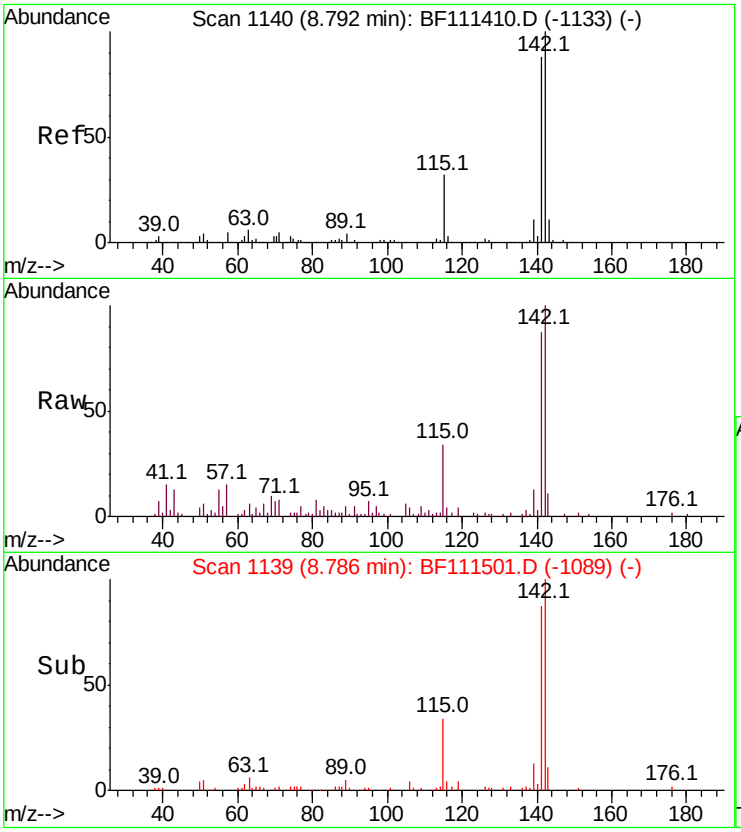


#23
Nitrobenzene-d5
Concen: 56.653 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111501.D
Acq: 16 Dec 2018 7:55

Tgt Ion: 82 Resp: 379054

Ion	Ratio	Lower	Upper
82	100		
128	47.6	37.4	56.2
54	57.3	47.6	71.4



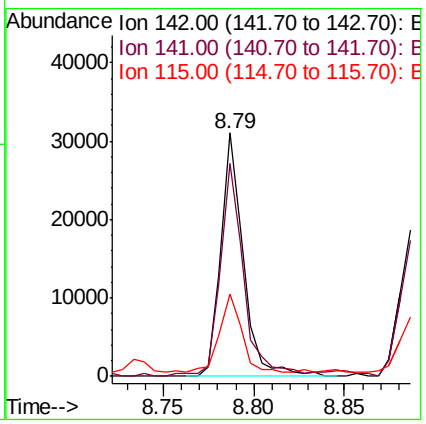


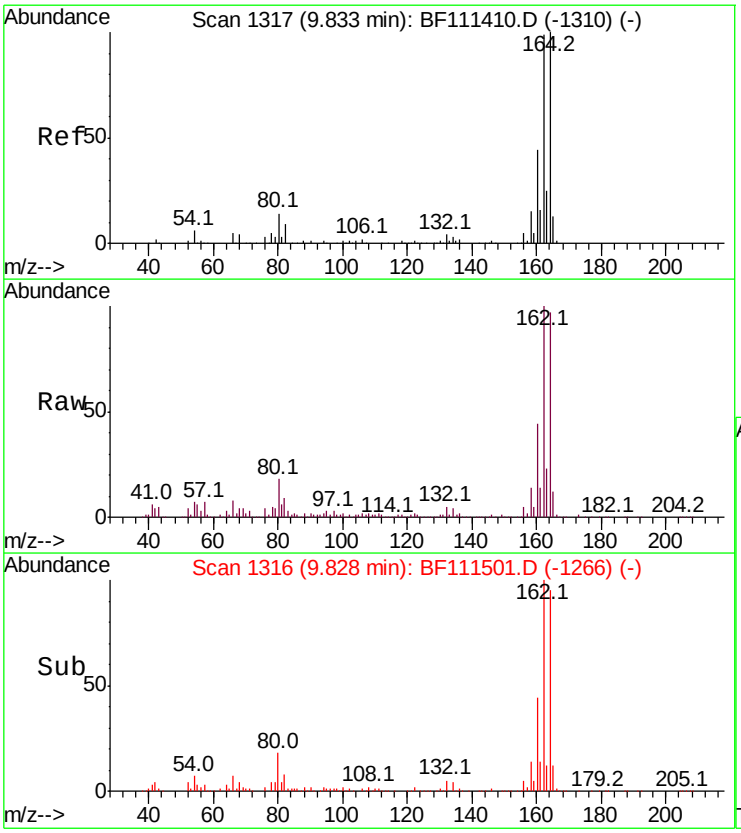
#37
2-Methylnaphthalene
Concen: 2.122 ng
RT: 8.79 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BF111501.D
Acq: 16 Dec 2018 7:55

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tgt Ion:142 Resp: 26764

Ion	Ratio	Lower	Upper
142	100		
141	87.3	70.6	105.8
115	33.7	27.0	40.6

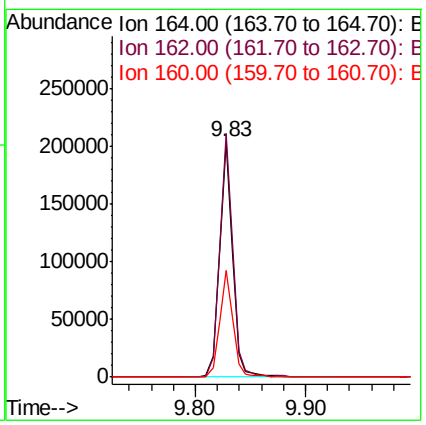


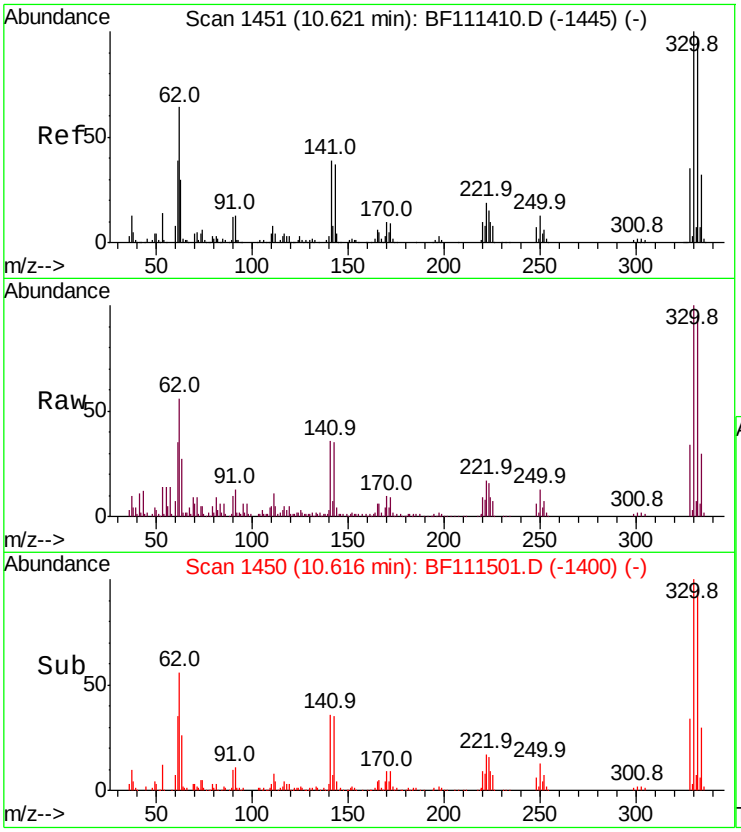


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF111501.D
Acq: 16 Dec 2018 7:55

Tgt Ion:164 Resp: 170403

Ion	Ratio	Lower	Upper
164	100		
162	103.6	81.4	122.0
160	45.6	35.7	53.5



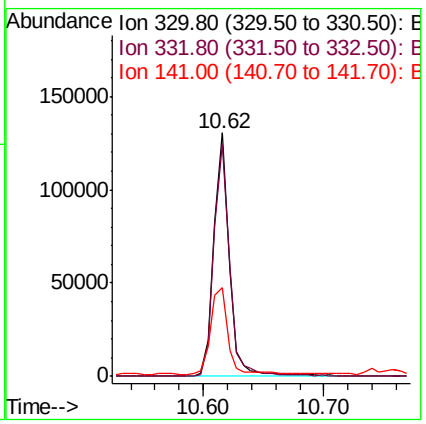


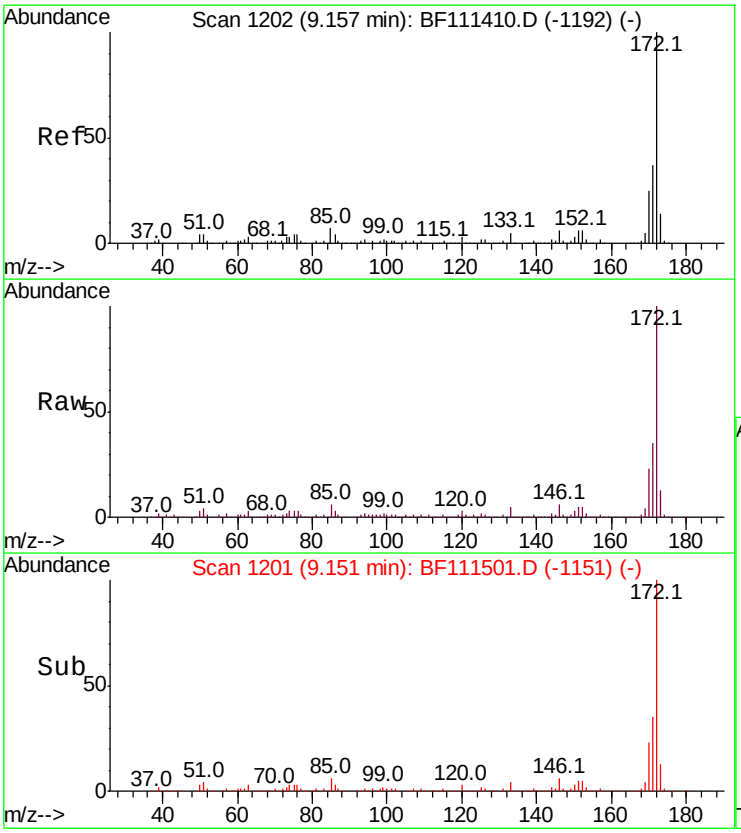
#42
2,4,6-Tribromophenol
Concen: 75.193 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF111501.D
Acq: 16 Dec 2018 7:55

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tgt Ion:330 Resp: 114779

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.0	114.0
141	39.0	31.0	46.6

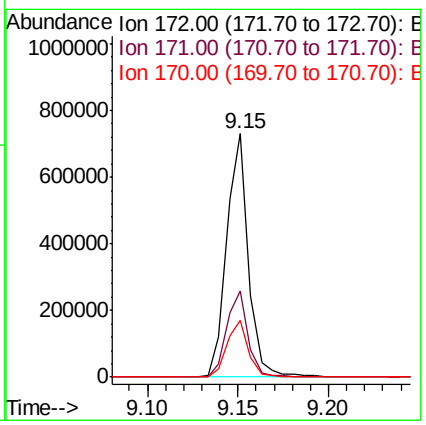


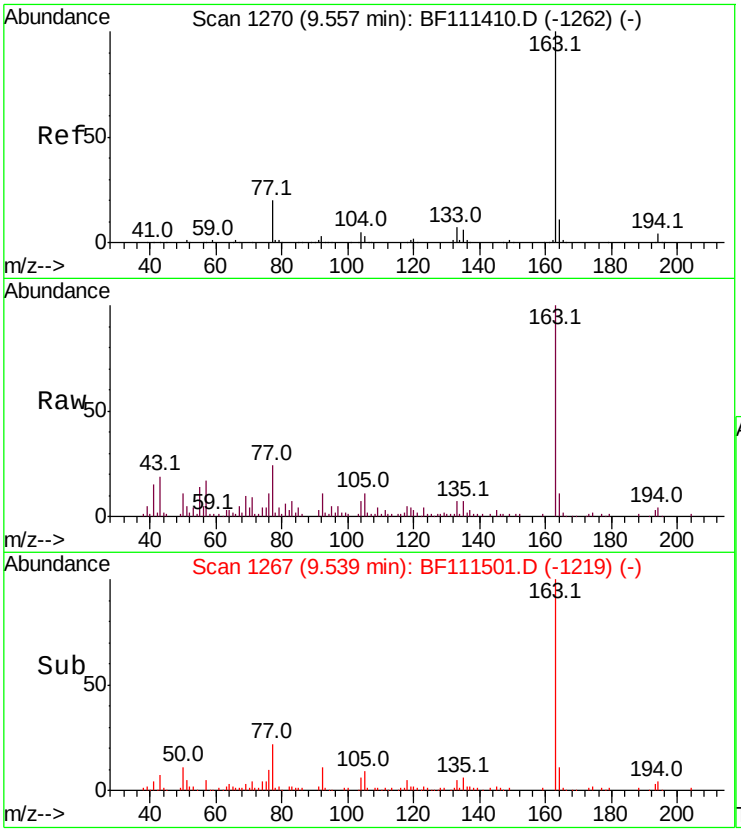


#45
2-Fluorobiphenyl
Concen: 55.549 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF111501.D
Acq: 16 Dec 2018 7:55

Tgt Ion:172 Resp: 612808

Ion	Ratio	Lower	Upper
172	100		
171	35.4	33.0	49.4
170	23.2	22.3	33.5



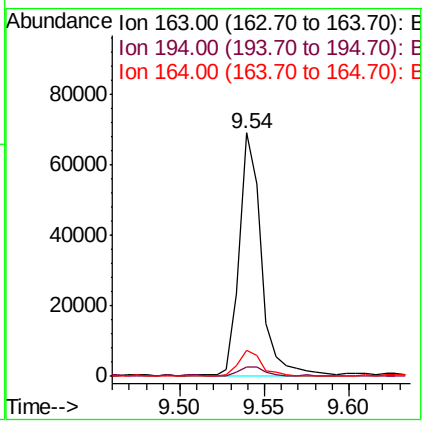


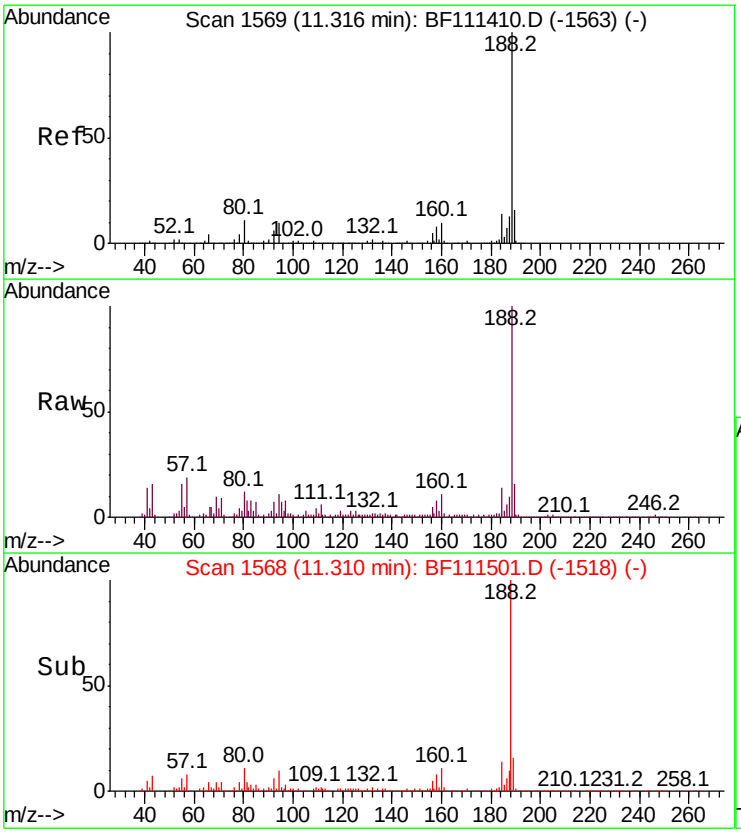
#50
Dimethylphthalate
Concen: 5.198 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF111501.D
Acq: 16 Dec 2018 7:55

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tgt Ion:163 Resp: 63787

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.6
164	10.8	8.9	13.3

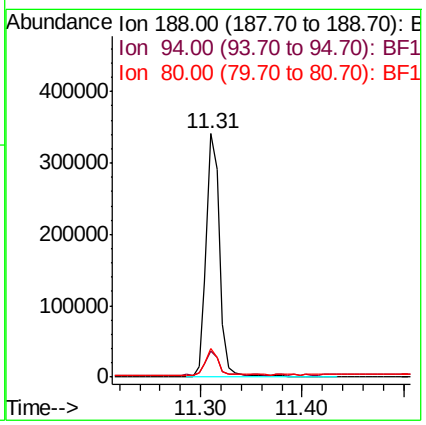


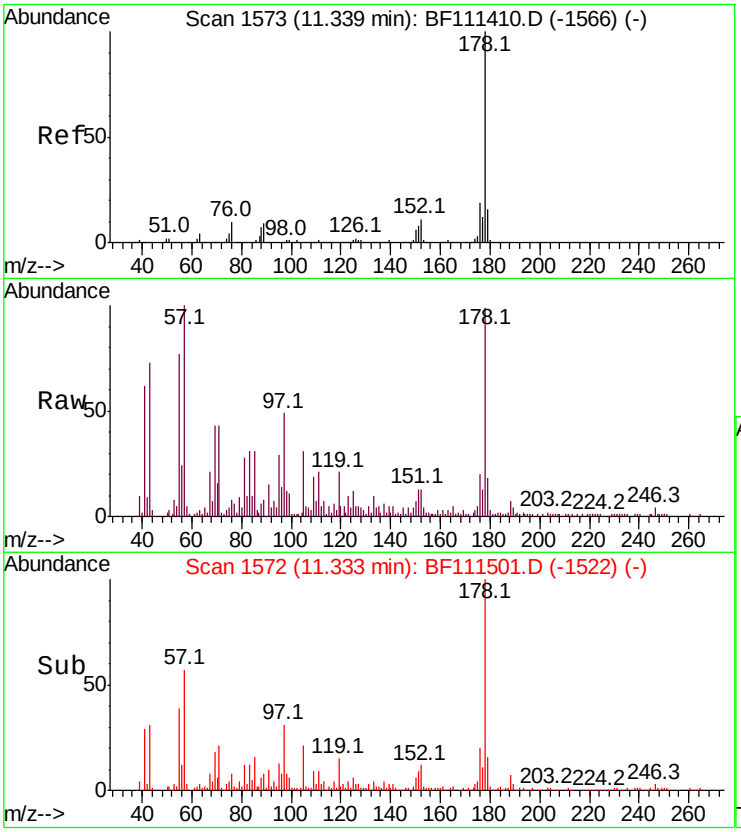


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF111501.D
Acq: 16 Dec 2018 7:55

Tgt Ion:188 Resp: 319393

Ion	Ratio	Lower	Upper
188	100		
94	10.6	9.6	14.4
80	11.7	9.8	14.6



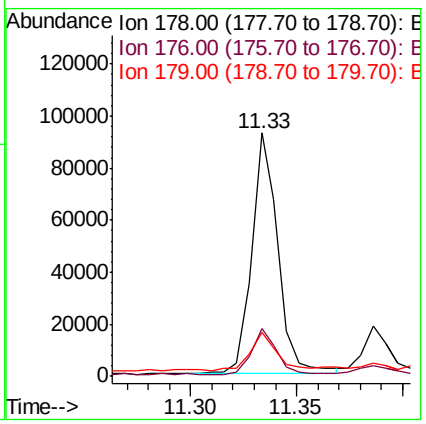


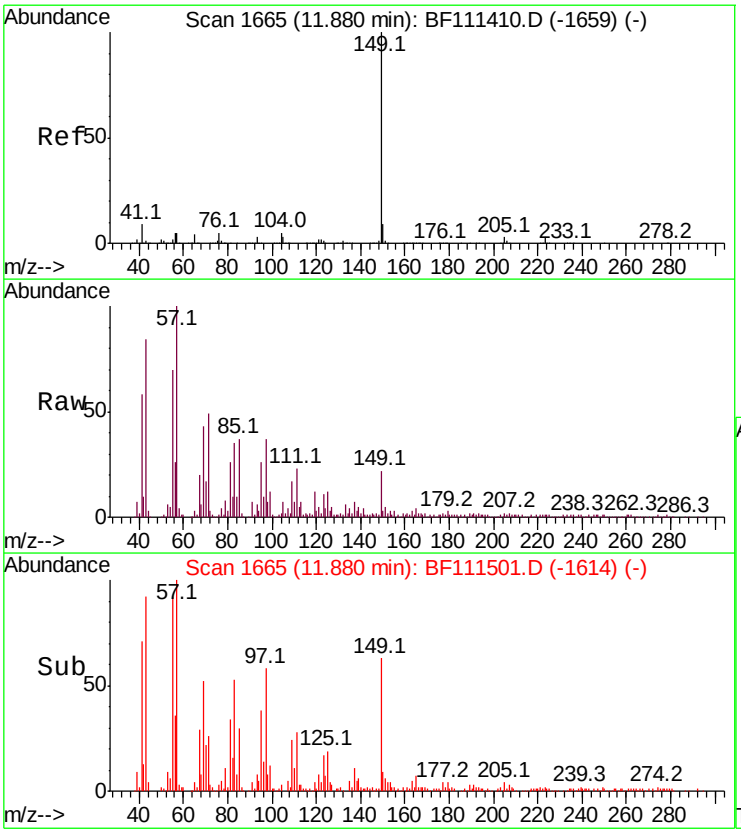
#71
Phenanthrene
Concen: 4.839 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF111501.D
Acq: 16 Dec 2018 7:55

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tgt Ion:178 Resp: 79646

Ion	Ratio	Lower	Upper
178	100		
176	19.7	18.1	27.1
179	17.9	14.0	21.0

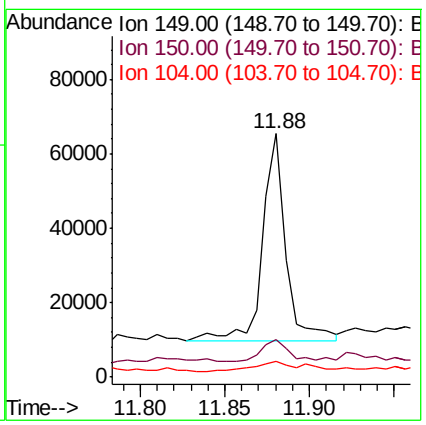


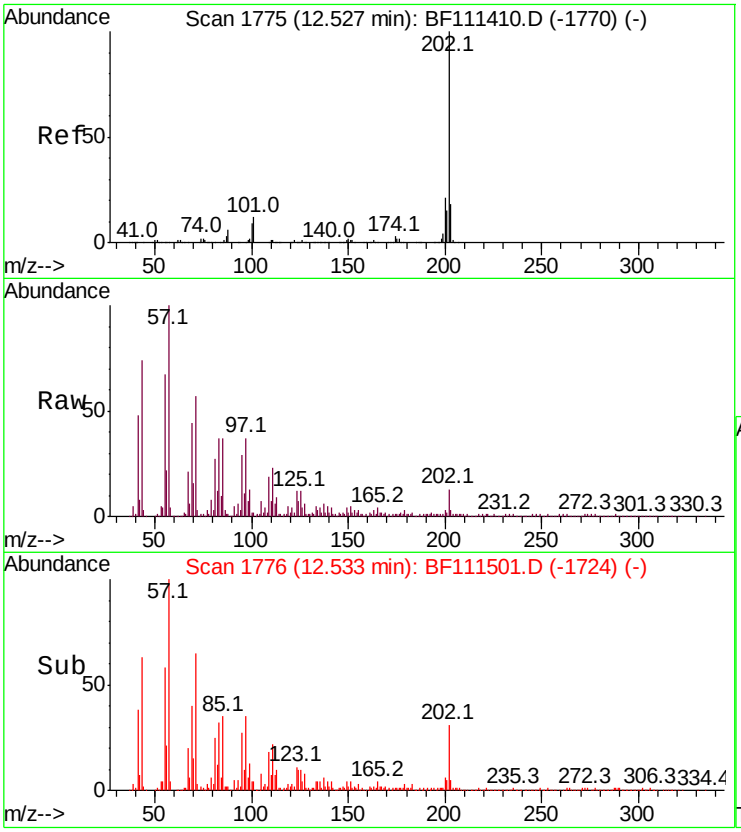


#74
Di-n-butylphthalate
Concen: 2.720 ng
RT: 11.88 min Scan# 1665
Delta R.T. 0.00 min
Lab File: BF111501.D
Acq: 16 Dec 2018 7:55

Tgt Ion:149 Resp: 52722

Ion	Ratio	Lower	Upper
149	100		
150	15.5	8.8	13.2#
104	6.7	4.5	6.7



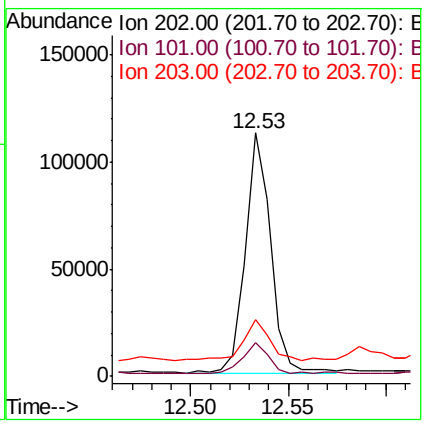


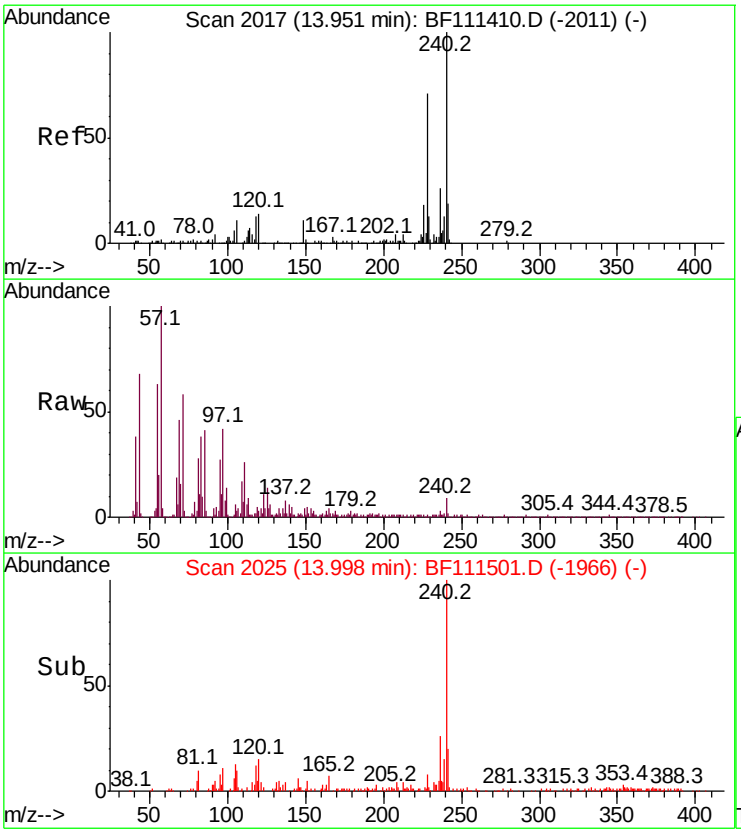
#75
Fluoranthene
Concen: 6.234 ng
RT: 12.53 min Scan# 1776
Delta R.T. 0.01 min
Lab File: BF111501.D
Acq: 16 Dec 2018 7:55

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tgt Ion:202 Resp: 100365

Ion	Ratio	Lower	Upper
202	100		
101	13.6	0.0	33.8
203	23.2	0.0	38.6

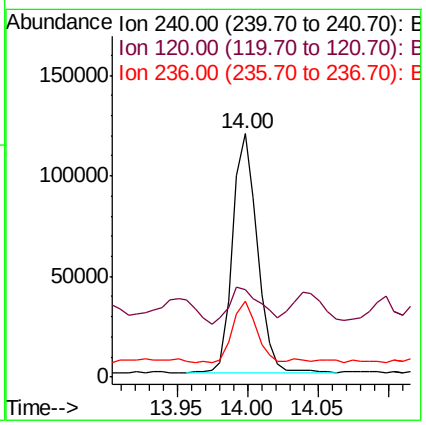


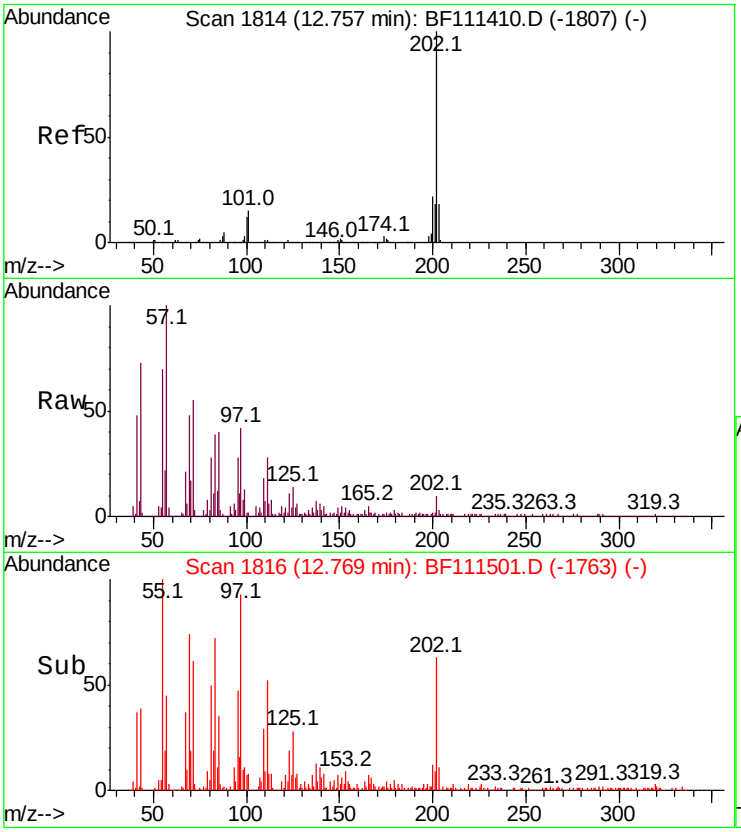


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.05 min
Lab File: BF111501.D
Acq: 16 Dec 2018 7:55

Tgt Ion:240 Resp: 145448

Ion	Ratio	Lower	Upper
240	100		
120	35.9	12.2	18.2#
236	31.0	20.2	30.2#



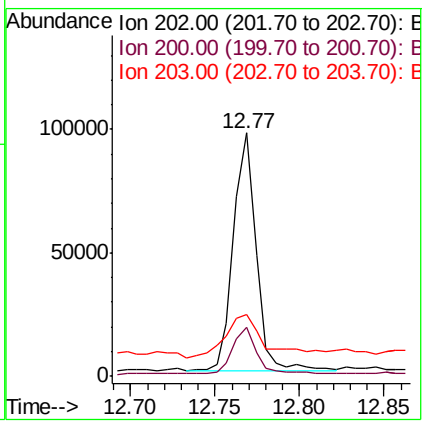


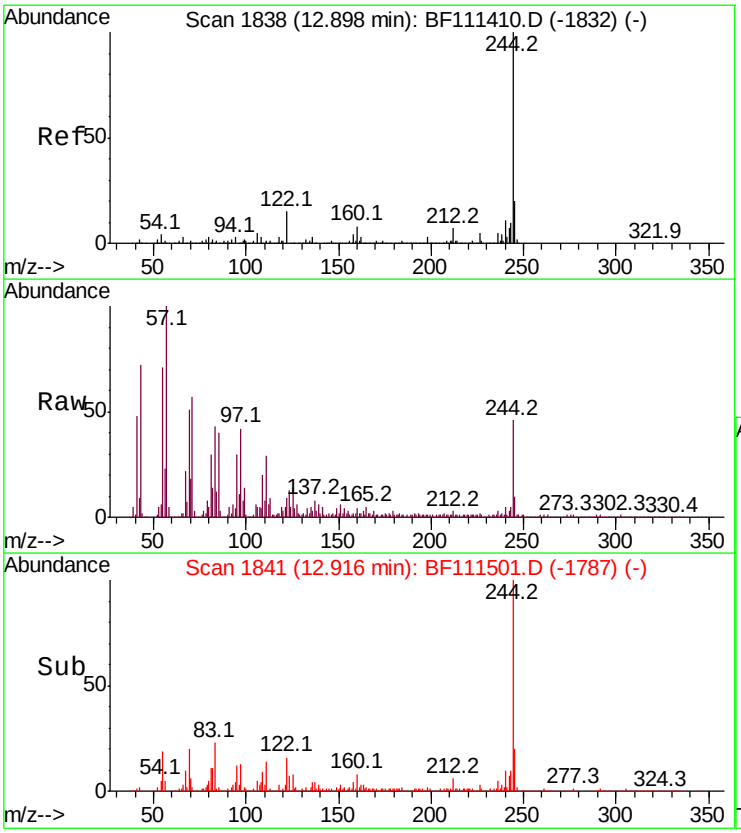
#78
Pyrene
Concen: 8.722 ng
RT: 12.77 min Scan# 1816
Delta R.T. 0.01 min
Lab File: BF111501.D
Acq: 16 Dec 2018 7:55

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tgt Ion:202 Resp: 89439

Ion	Ratio	Lower	Upper
202	100		
200	20.2	19.0	28.4
203	25.2	15.2	22.8#

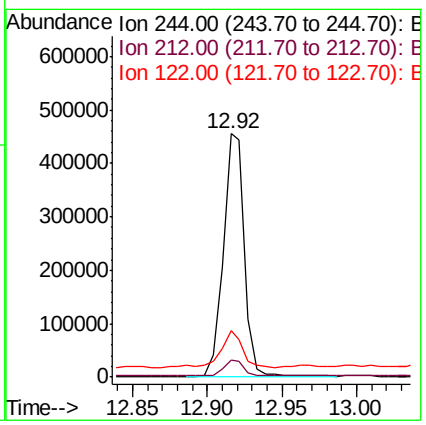


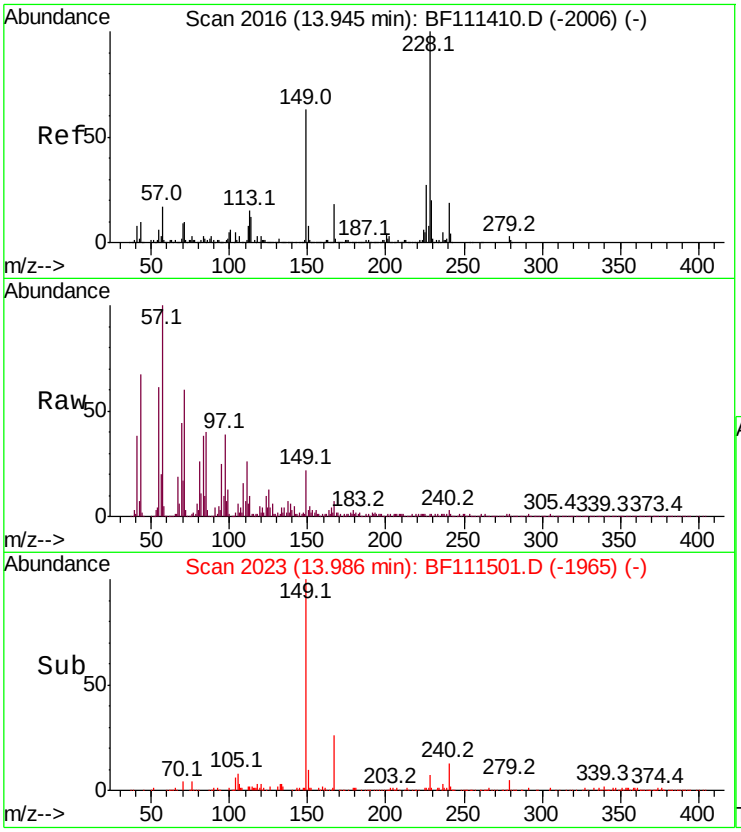


#79
Terphenyl-d14
Concen: 73.197 ng
RT: 12.92 min Scan# 1841
Delta R.T. 0.02 min
Lab File: BF111501.D
Acq: 16 Dec 2018 7:55

Tgt Ion:244 Resp: 453378

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.7	8.5
122	19.0	13.1	19.7



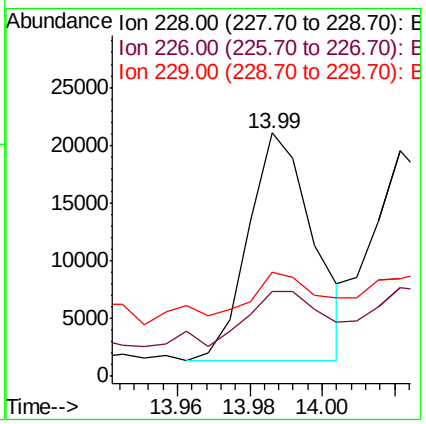


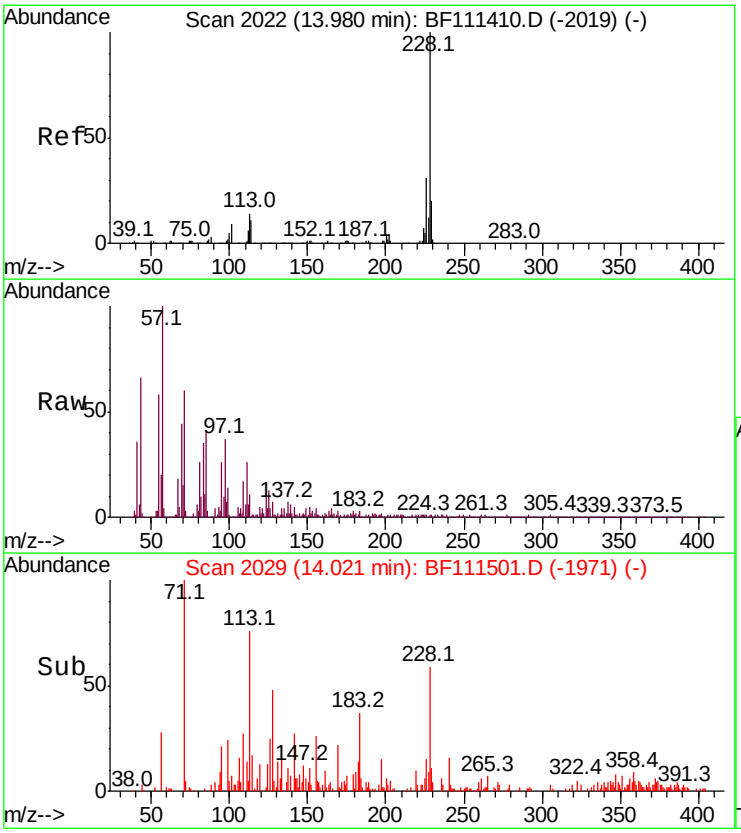
#81
Benzo(a)anthracene
Concen: 3.111 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.04 min
Lab File: BF111501.D
Acq: 16 Dec 2018 7:55

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tgt Ion:228 Resp: 24604

Ion	Ratio	Lower	Upper
228	100		
226	34.8	22.6	34.0#
229	43.0	16.3	24.5#

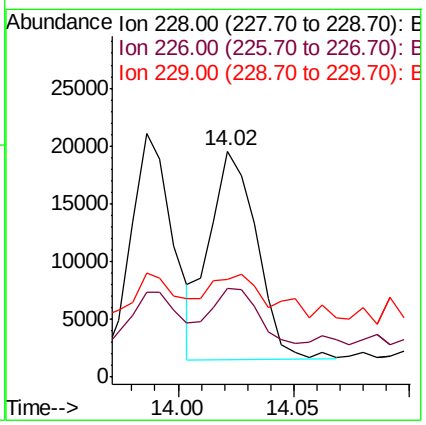


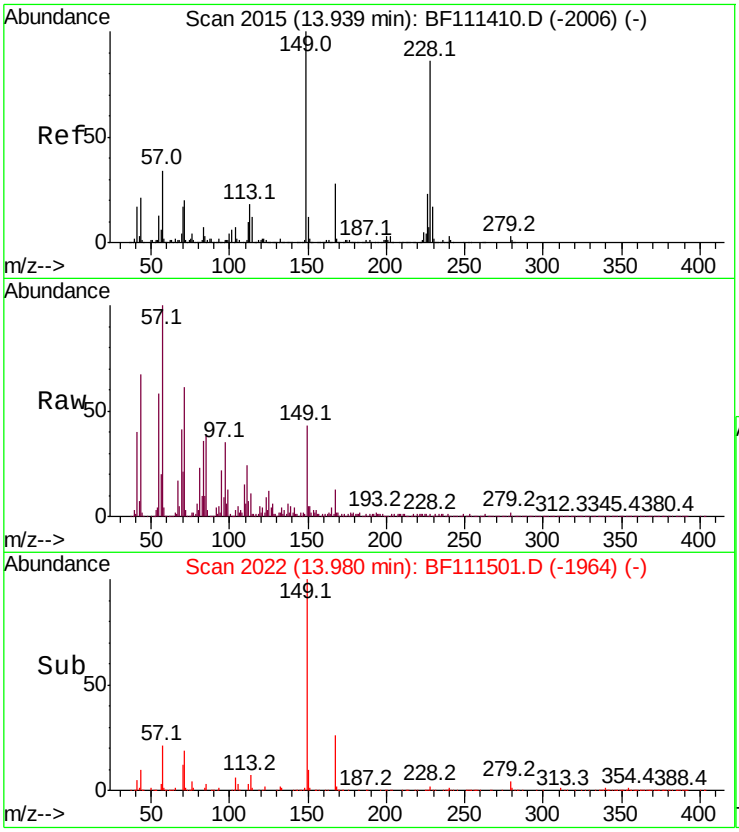


#83
Chrysene
Concen: 3.086 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.04 min
Lab File: BF111501.D
Acq: 16 Dec 2018 7:55

Tgt Ion:228 Resp: 25708

Ion	Ratio	Lower	Upper
228	100		
226	39.0	25.3	37.9#
229	43.1	17.2	25.8#



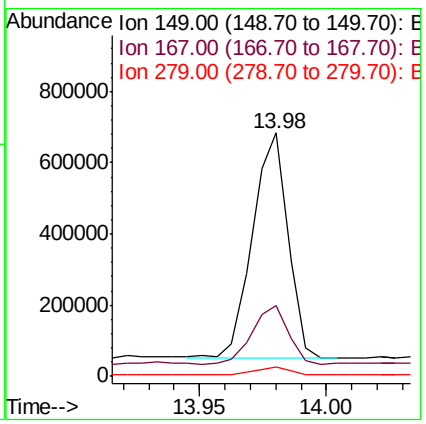


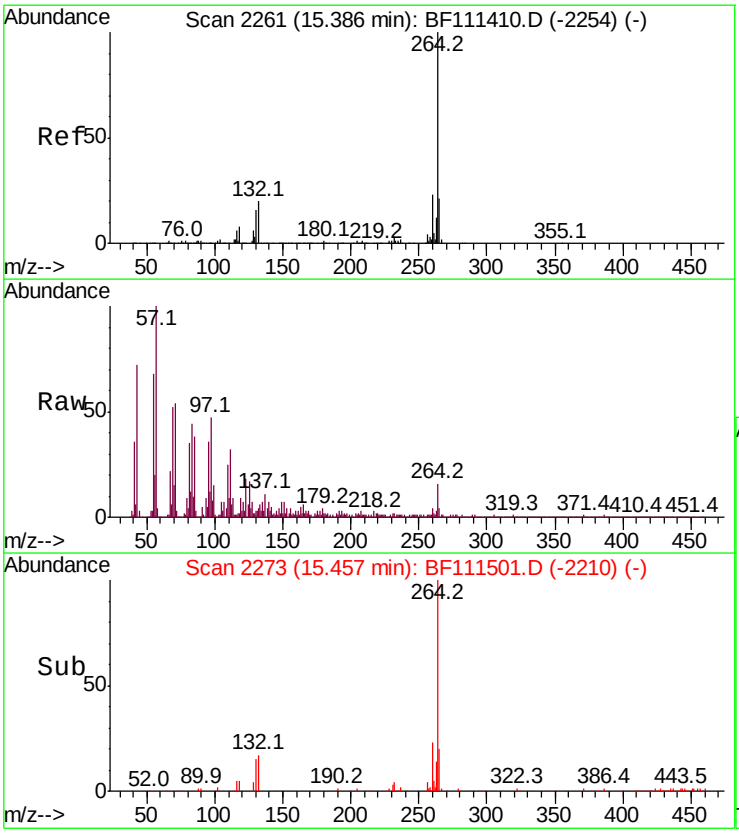
#84
Bis(2-ethylhexyl)phthalate
Concen: 96.833 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.04 min
Lab File: BF111501.D
Acq: 16 Dec 2018 7:55

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tgt Ion:149 Resp: 618205

Ion	Ratio	Lower	Upper
149	100		
167	29.2	22.5	33.7
279	4.0	2.6	4.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.07 min
Lab File: BF111501.D
Acq: 16 Dec 2018 7:55

Tgt Ion:264 Resp: 142286

Ion	Ratio	Lower	Upper
264	100		
260	25.7	18.3	27.5
265	23.2	17.7	26.5