Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121817\
Data File : BF101495.D
Acq On : 18 Dec 2017 21:51
Operator : SJ/JU
Sample : I6888-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-122-2(50-52)

Quant Time: Dec 19 06:46:58 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 18 15:38:59 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	149322	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	571133	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	219841	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	355273	20.00	ng	0.00
75) Chrysene-d12	13.99	240	292440	20.00	ng	0.00
86) Perylene-d12	15.46	264	257155	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1088338	108.57	ng	0.02
7) Phenol-d6	6.46	99	1302580	104.41	ng	0.00
23) Nitrobenzene-d5	7.38	82	788910	76.89	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	229706	108.44	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1253396	88.44	ng	0.00
78) Terphenyl-d14	12.92	244	894211	73.72	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.46	94	67147	4.722	ng	83
49) Dimethylphthalate	9.56	163	122320	6.917	ng	99

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

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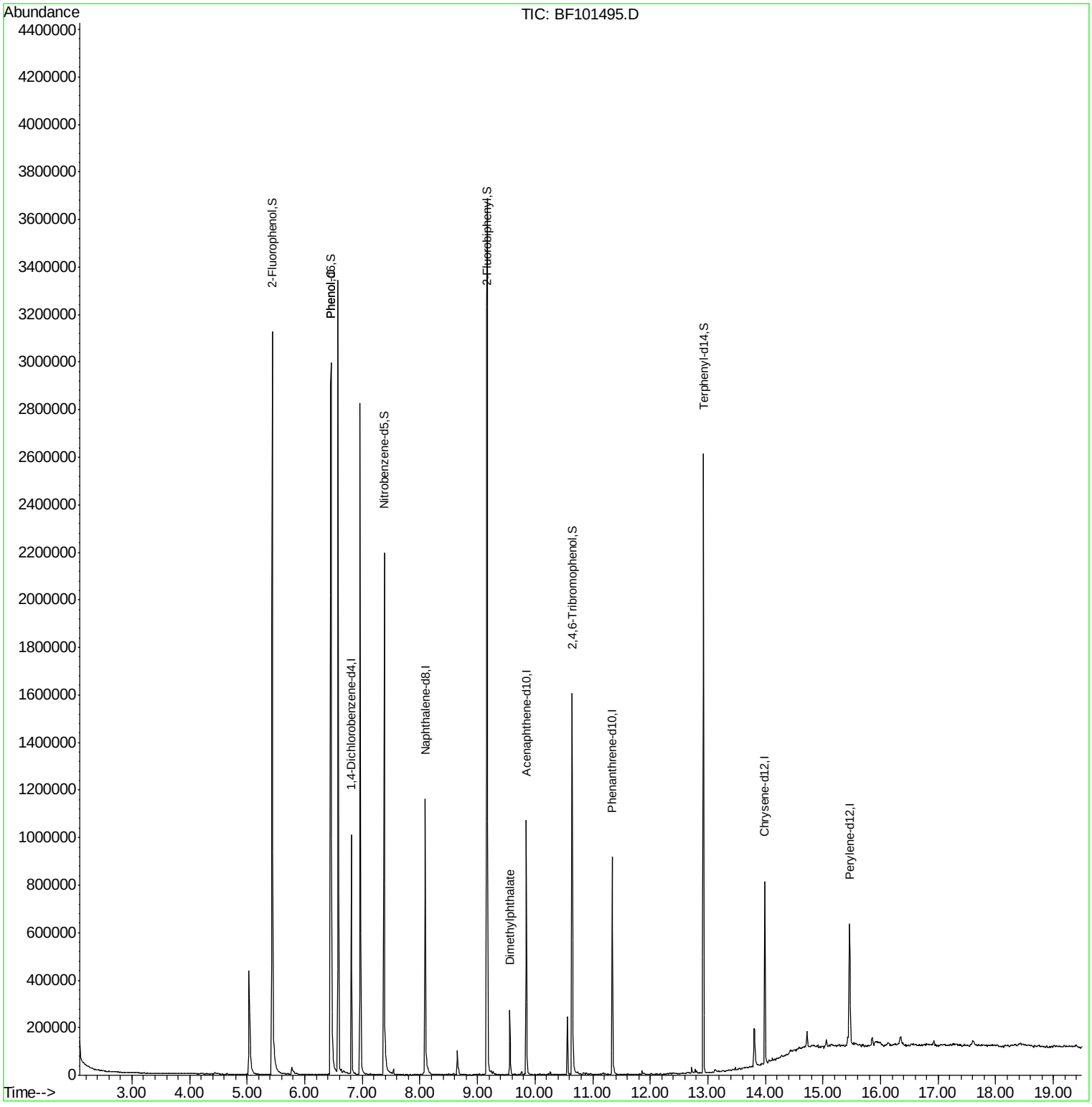
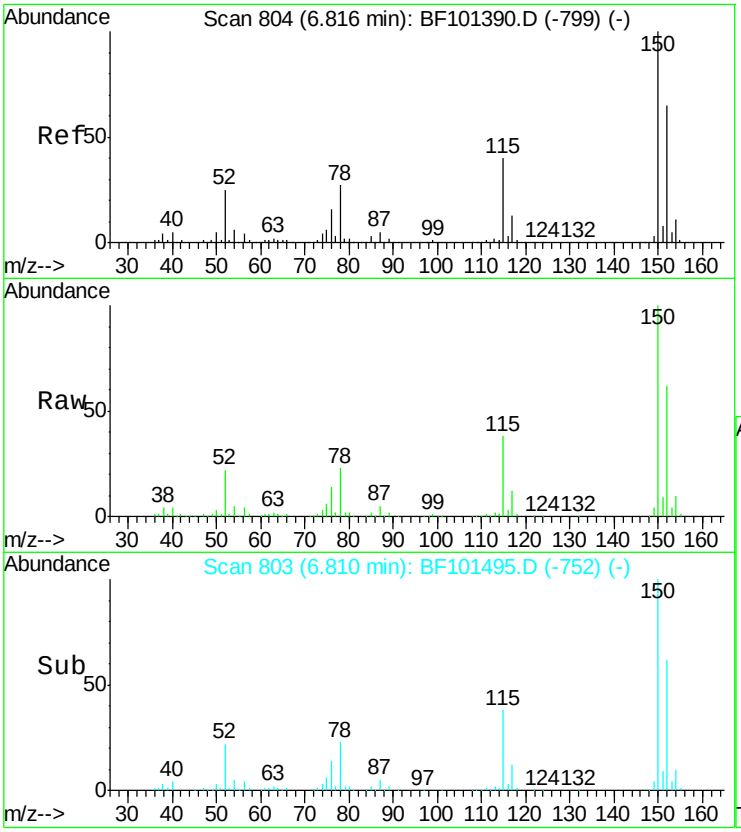


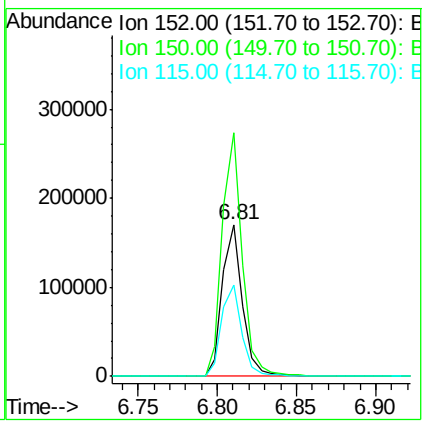


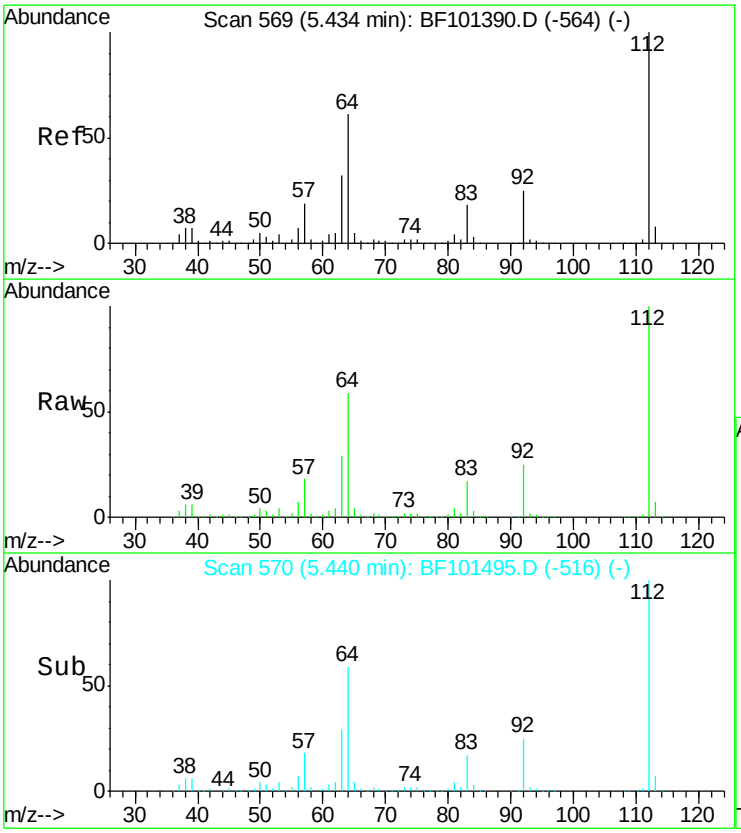
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF101495.D
Acq: 18 Dec 2017 21:51

Instrument :
BNA_F
ClientSampleId :
EPE-122-2(50-52)

Tgt Ion:152 Resp: 149322

Ion	Ratio	Lower	Upper
152	100		
150	160.7	124.6	186.8
115	60.4	50.1	75.1

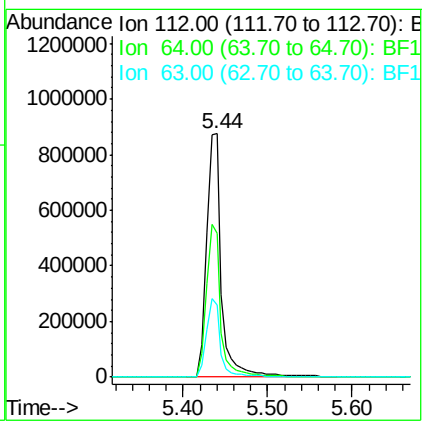


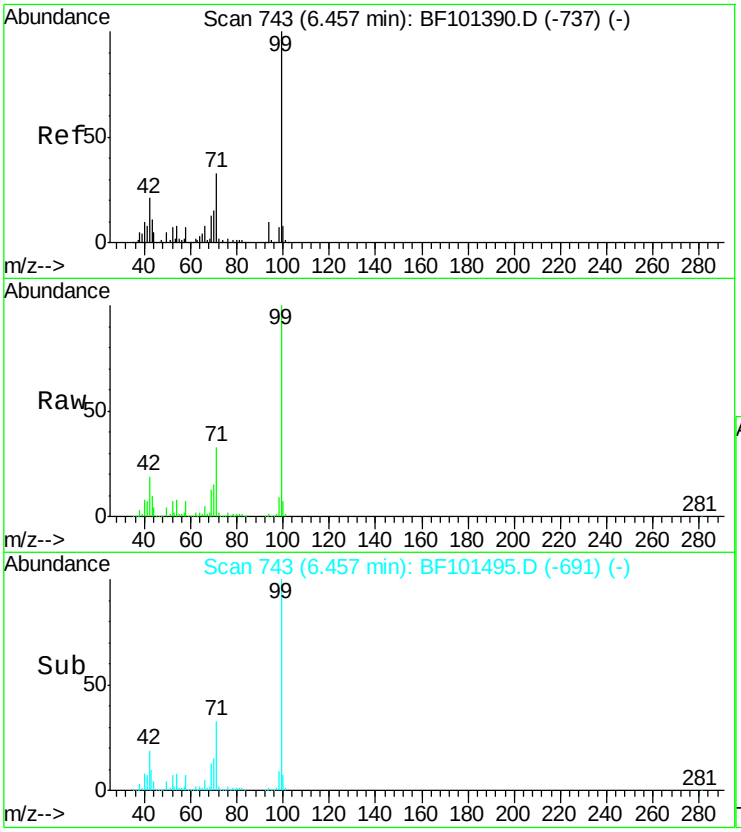


#5
2-Fluorophenol
Concen: 108.568 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.02 min
Lab File: BF101495.D
Acq: 18 Dec 2017 21:51

Tgt Ion:112 Resp: 1088338

Ion	Ratio	Lower	Upper
112	100		
64	59.0	47.9	71.9
63	29.4	23.7	35.5



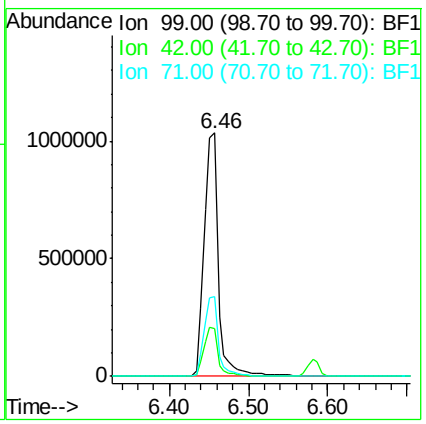


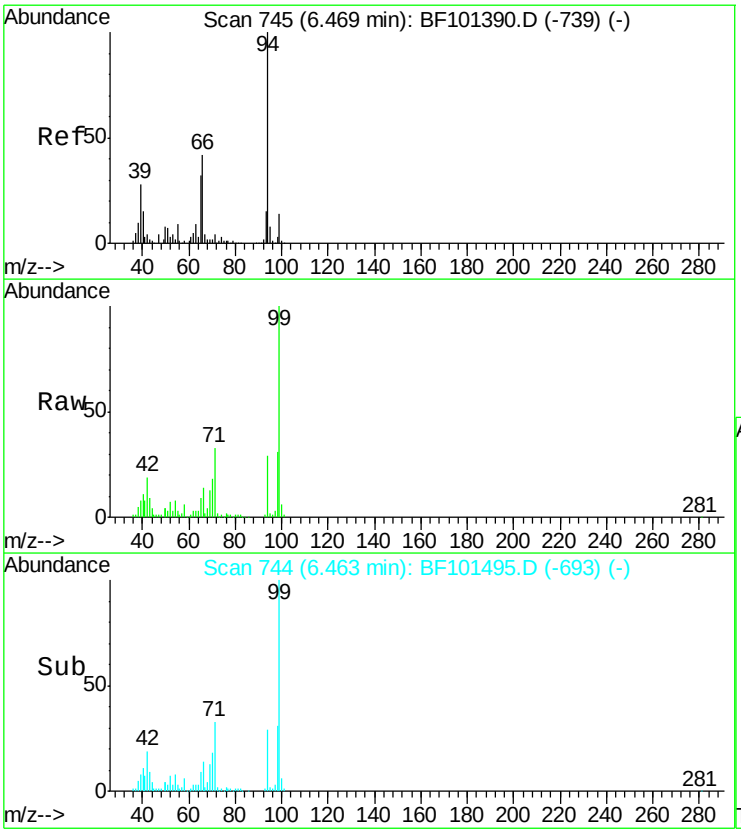
#7
Phenol-d6
Concen: 104.408 ng
RT: 6.46 min Scan# 743
Delta R.T. 0.01 min
Lab File: BF101495.D
Acq: 18 Dec 2017 21:51

Instrument :
BNA_F
ClientSampleId :
EPE-122-2(50-52)

Tgt Ion: 99 Resp: 1302580

Ion	Ratio	Lower	Upper
99	100		
42	19.5	14.5	21.7
71	33.0	25.4	38.0

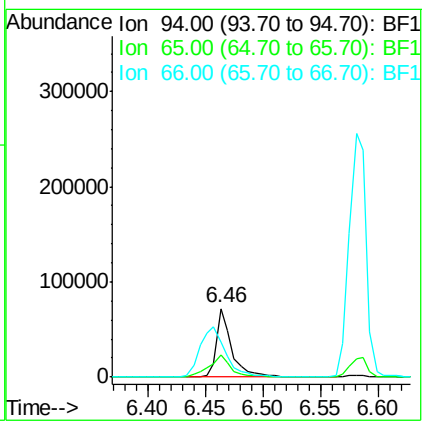


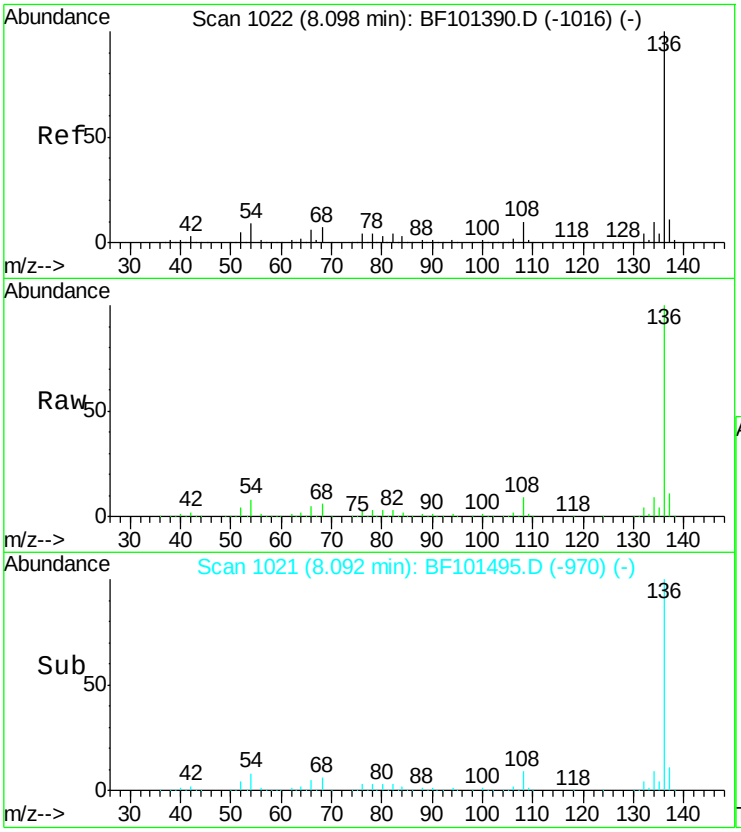


#10
Phenol
Concen: 4.722 ng
RT: 6.46 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF101495.D
Acq: 18 Dec 2017 21:51

Tgt Ion: 94 Resp: 67147

Ion	Ratio	Lower	Upper
94	100		
65	32.2	7.9	47.9
66	50.4	16.2	56.2



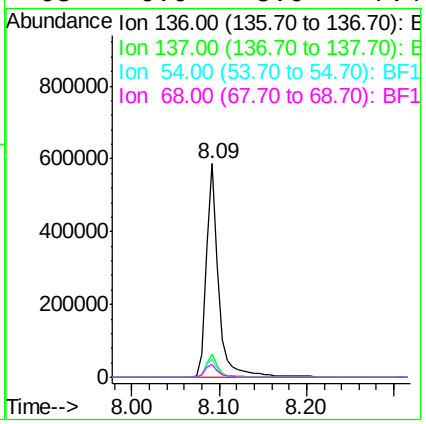


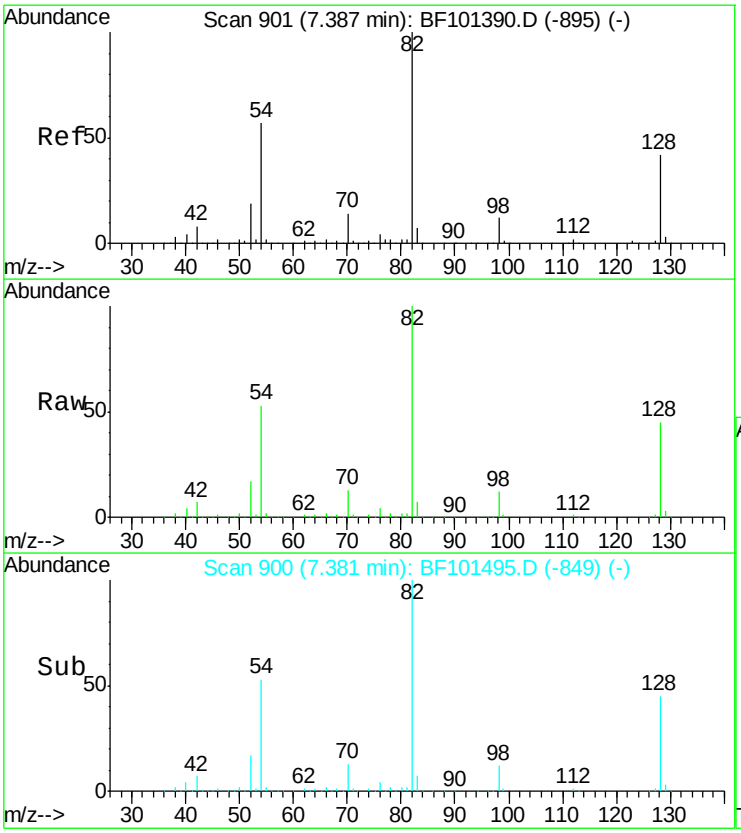
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF101495.D
Acq: 18 Dec 2017 21:51

Instrument :
BNA_F
ClientSampleId :
EPE-122-2(50-52)

Tgt Ion:136 Resp: 571133

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.3	6.6	9.8
68	6.0	5.0	7.4

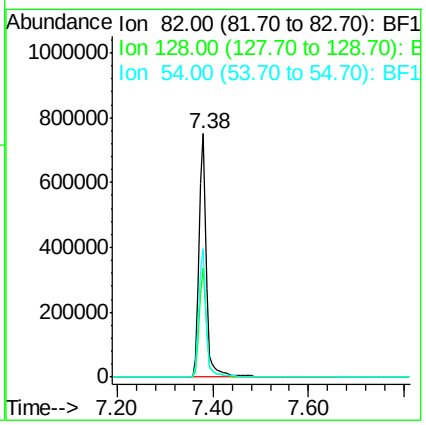


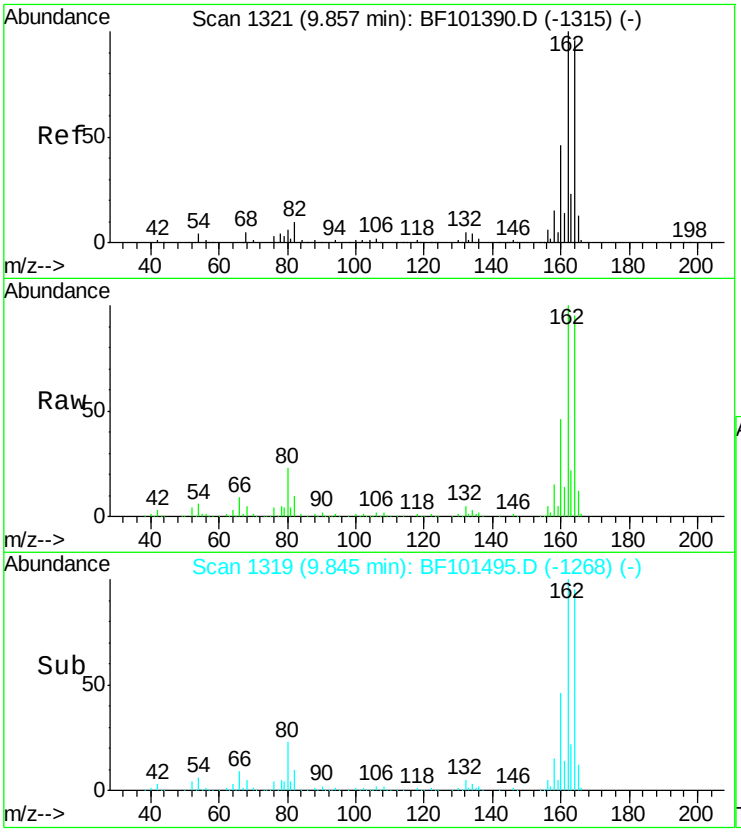


#23
Nitrobenzene-d5
Concen: 76.892 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF101495.D
Acq: 18 Dec 2017 21:51

Tgt Ion: 82 Resp: 788910

Ion	Ratio	Lower	Upper
82	100		
128	44.7	36.1	54.1
54	52.6	41.4	62.2



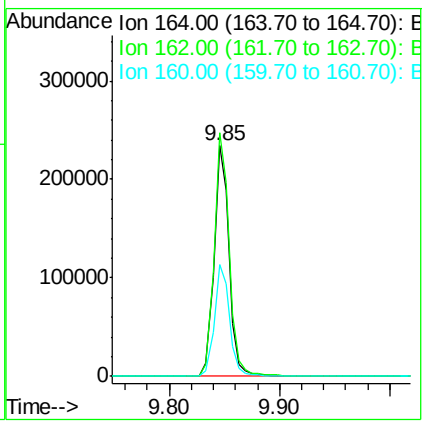


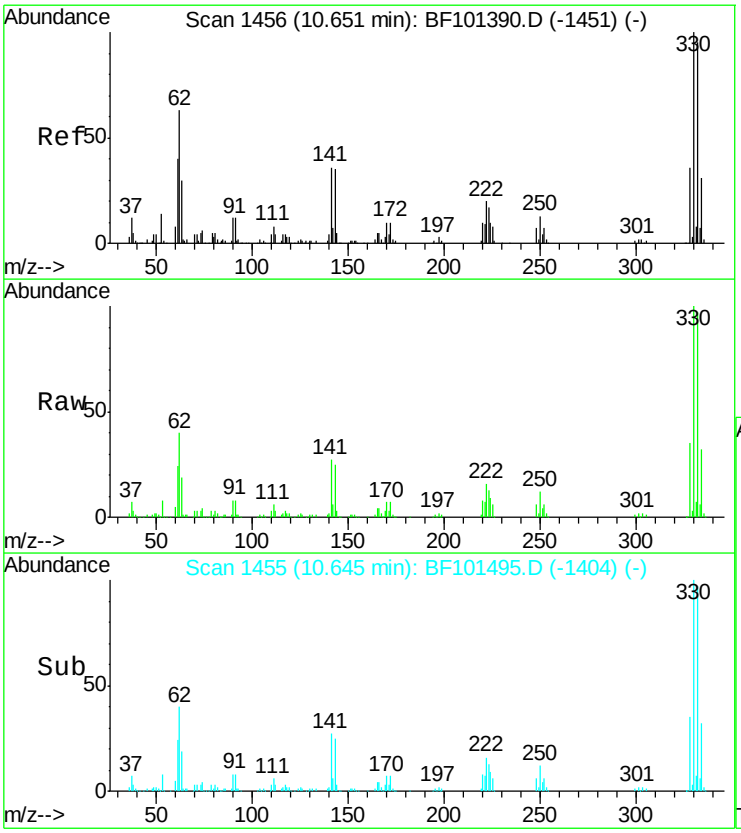
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BF101495.D
Acq: 18 Dec 2017 21:51

Instrument :
BNA_F
ClientSampleId :
EPE-122-2(50-52)

Tgt Ion:164 Resp: 219841

Ion	Ratio	Lower	Upper
164	100		
162	105.7	86.1	129.1
160	48.4	38.3	57.5

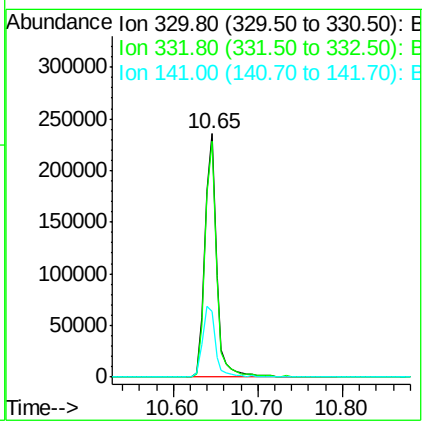


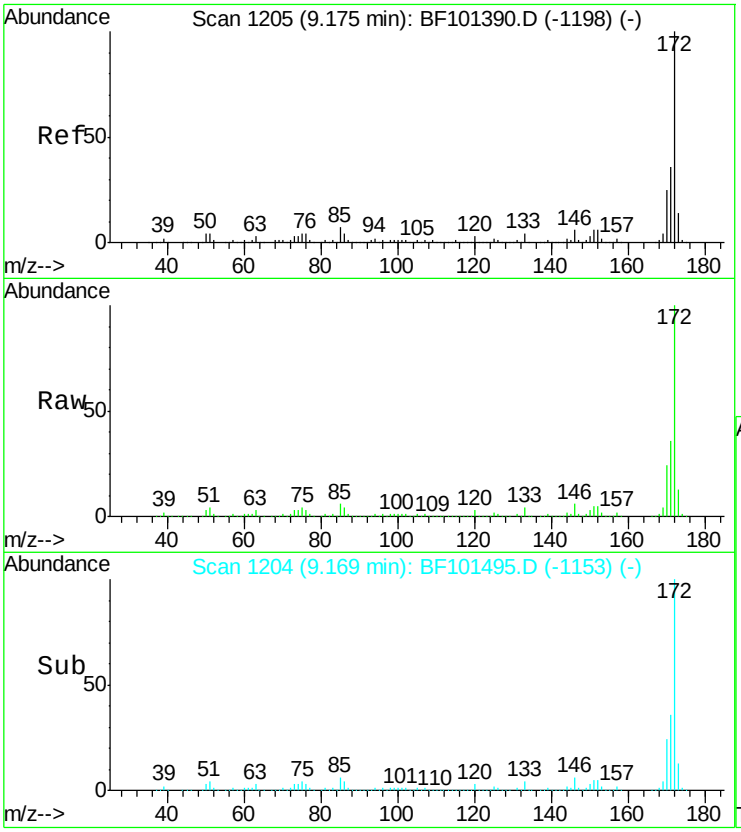


#41
2,4,6-Tribromophenol
Concen: 108.437 ng
RT: 10.65 min Scan# 1455
Delta R.T. 0.00 min
Lab File: BF101495.D
Acq: 18 Dec 2017 21:51

Tgt Ion:330 Resp: 229706

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	31.8	29.9	44.9



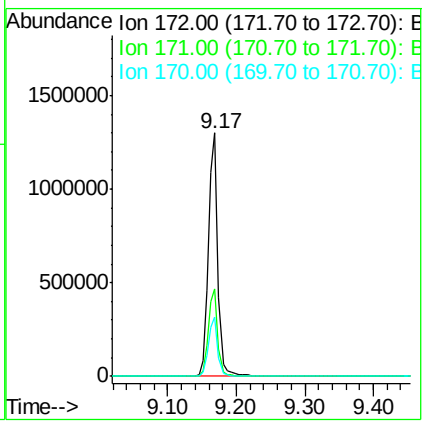


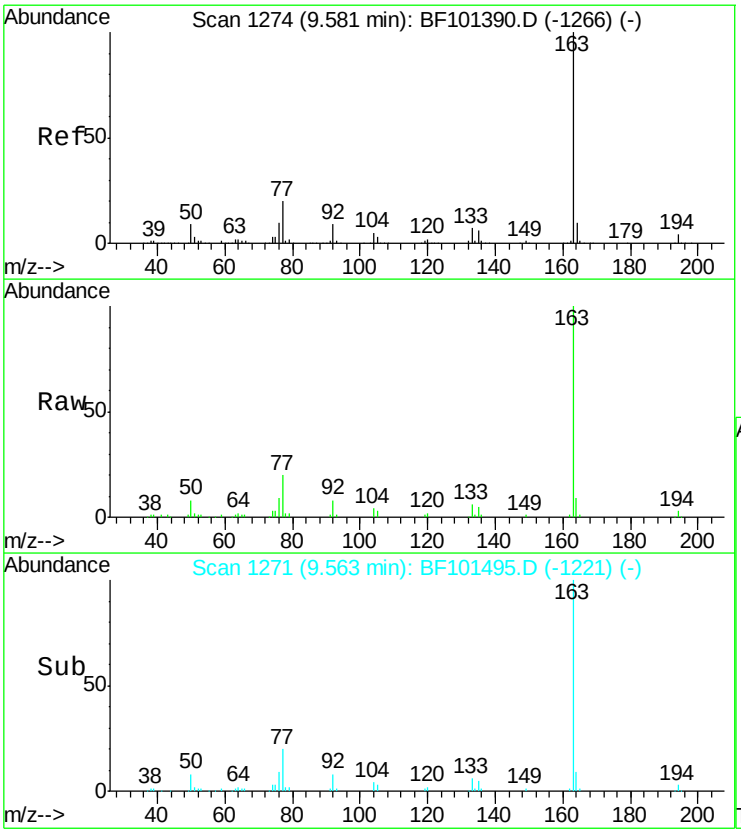
#44
2-Fluorobiphenyl
Concen: 88.442 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BF101495.D
Acq: 18 Dec 2017 21:51

Instrument :
BNA_F
ClientSampleId :
EPE-122-2(50-52)

Tgt Ion:172 Resp: 1253396

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.1	19.6	29.4

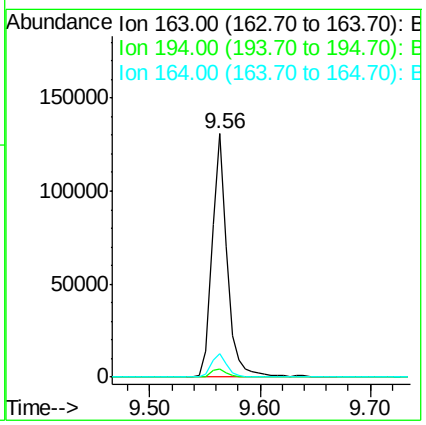


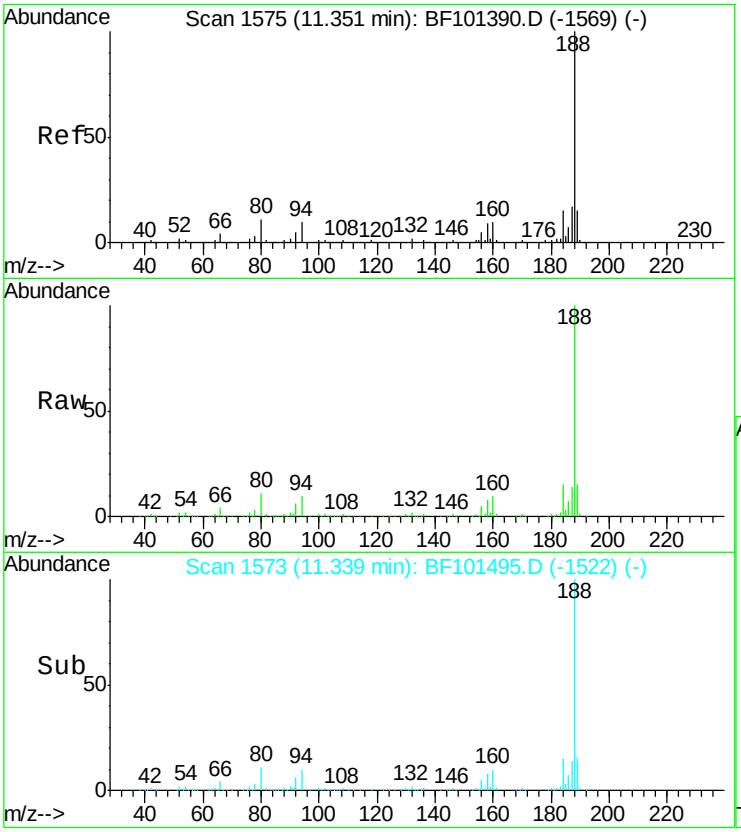


#49
Dimethylphthalate
Concen: 6.917 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF101495.D
Acq: 18 Dec 2017 21:51

Tgt Ion:163 Resp: 122320

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	9.5	8.2	12.2



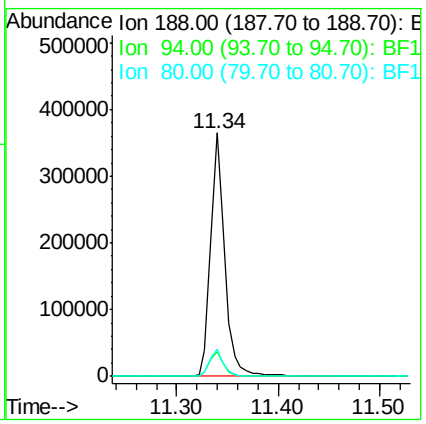


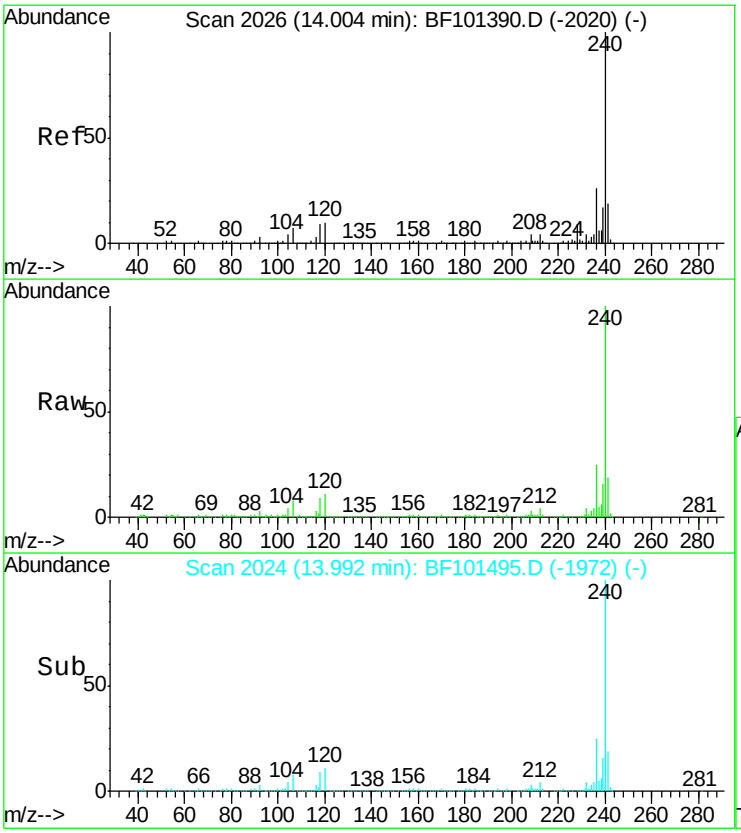
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF101495.D
Acq: 18 Dec 2017 21:51

Instrument :
BNA_F
ClientSampleId :
EPE-122-2(50-52)

Tgt Ion:188 Resp: 355273

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.5	12.7
80	11.3	9.2	13.8

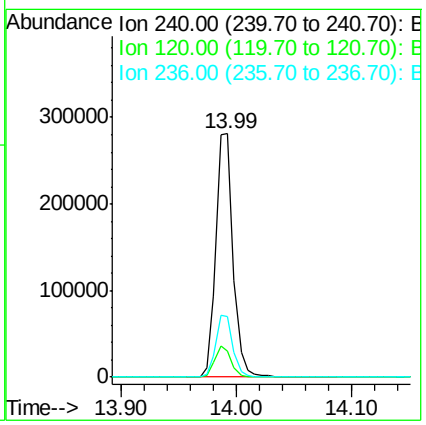


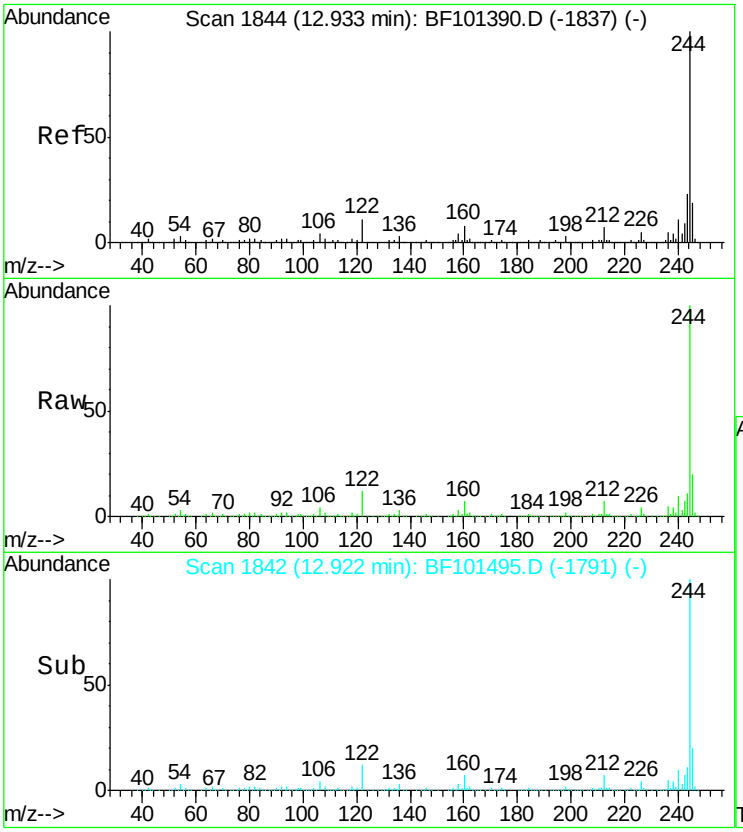


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.01 min
Lab File: BF101495.D
Acq: 18 Dec 2017 21:51

Tgt Ion:240 Resp: 292440

Ion	Ratio	Lower	Upper
240	100		
120	10.8	9.5	14.3
236	24.8	20.7	31.1



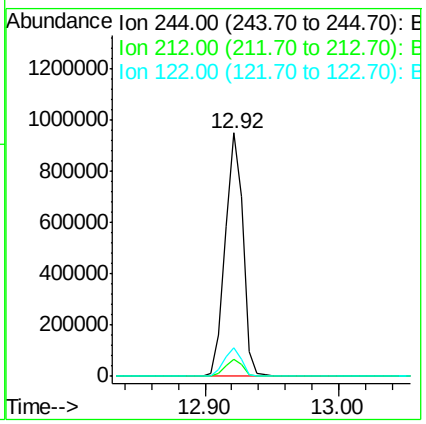


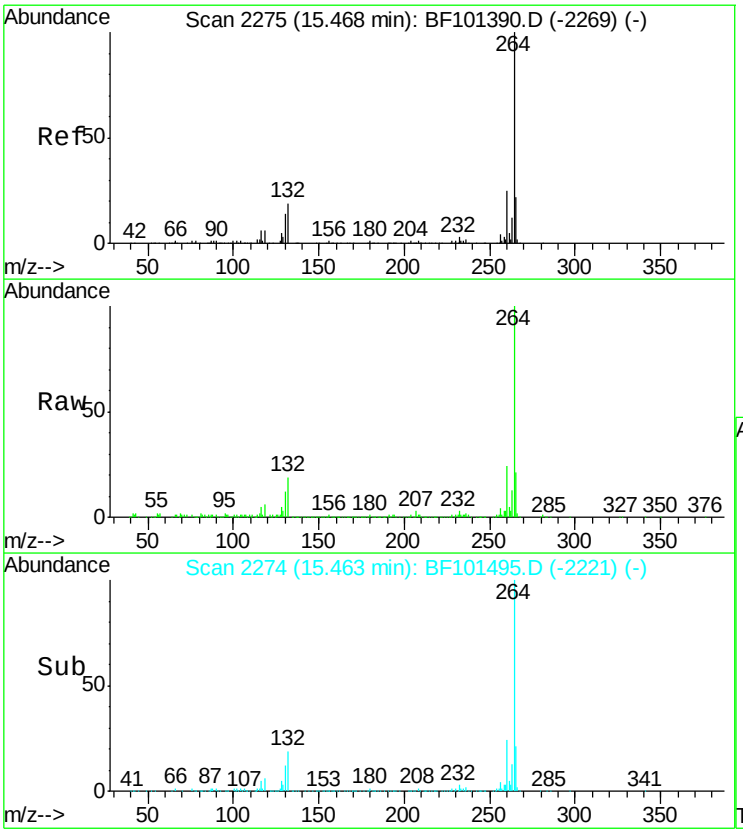
#78
Terphenyl-d14
Concen: 73.716 ng
RT: 12.92 min Scan# 1842
Delta R.T. 0.00 min
Lab File: BF101495.D
Acq: 18 Dec 2017 21:51

Instrument :
BNA_F
ClientSampleId :
EPE-122-2(50-52)

Tgt Ion:244 Resp: 894211

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	11.9	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF101495.D
Acq: 18 Dec 2017 21:51

Tgt Ion:264 Resp: 257155

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	20.8	17.5	26.3