Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110118\
Data File : BF110365.D
Acq On : 1 Nov 2018 13:39
Operator : JU/SJ
Sample : J5741-35
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9

Quant Time: Nov 01 16:18:30 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 16:06:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	73830	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	300901	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	137631	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	235717	20.00	ng	0.00
76) Chrysene-d12	14.13	240	146470	20.00	ng	0.00
87) Perylene-d12	15.66	264	160094	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	627102	138.32	ng	0.01
7) Phenol-d6	6.59	99	795720	137.22	ng	0.00
23) Nitrobenzene-d5	7.52	82	499133	98.39	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	176842	129.71	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	906048	103.37	ng	0.00
79) Terphenyl-d14	13.07	244	647150	91.89	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.59	94	48316	7.795	ng	# 70
50) Dimethylphthalate	9.70	163	122659	12.073	ng	99

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

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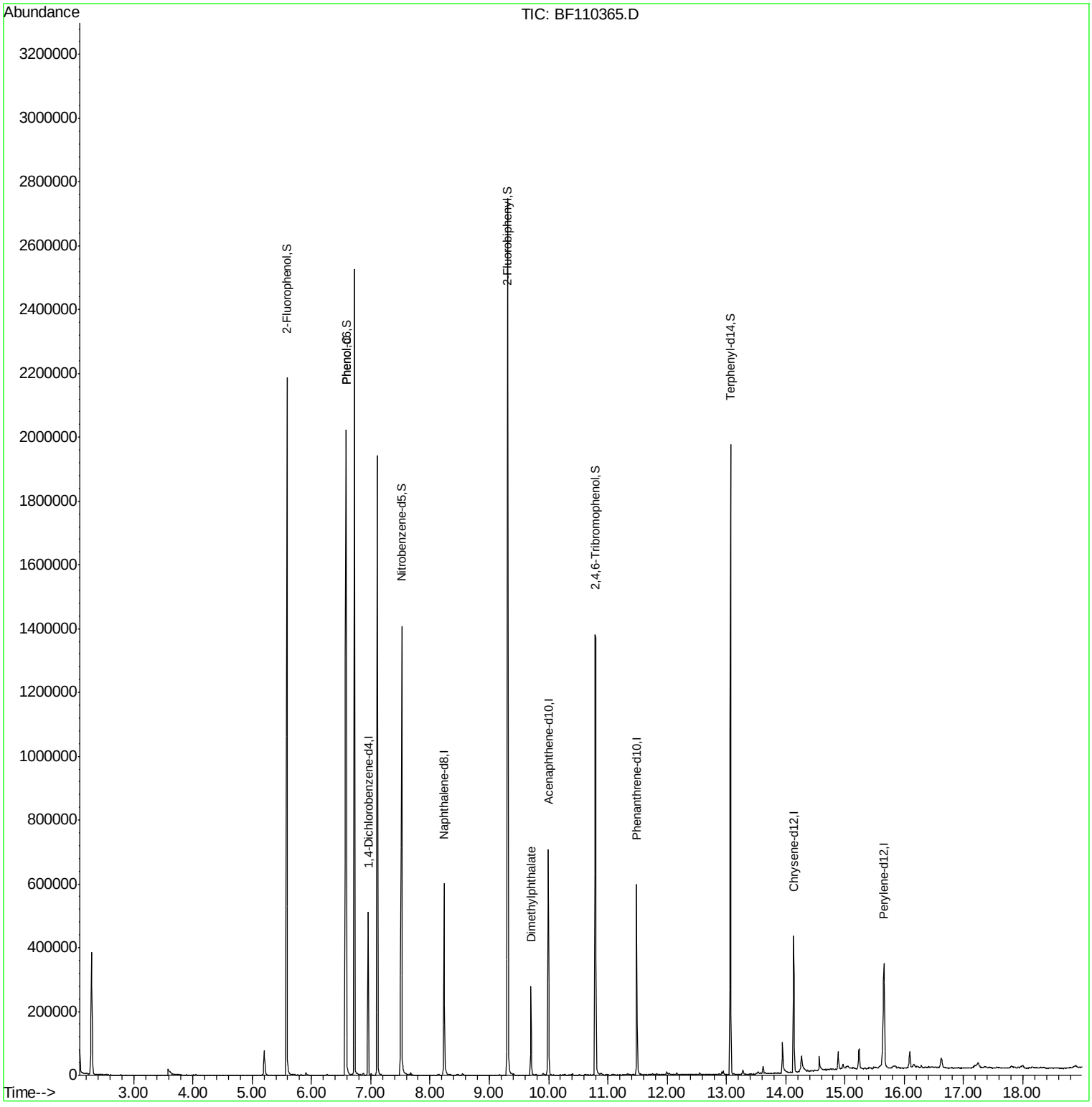
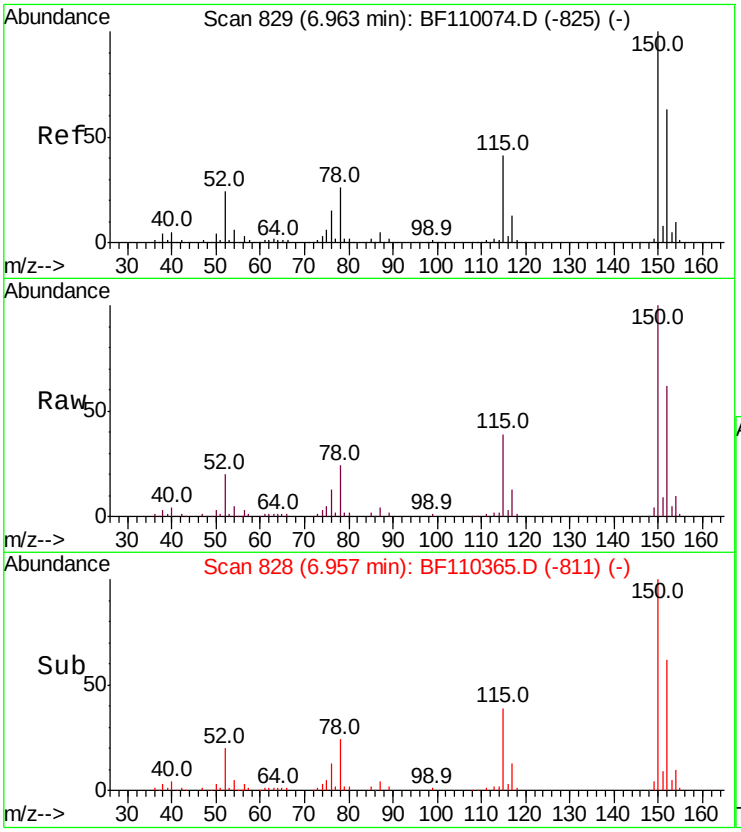


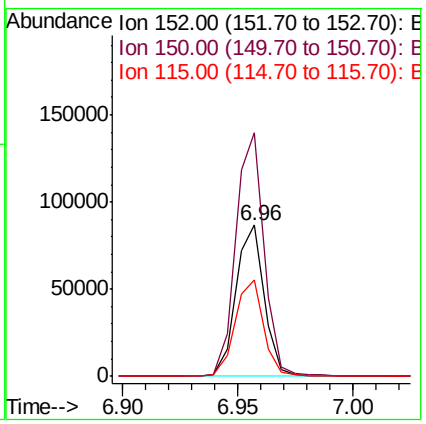


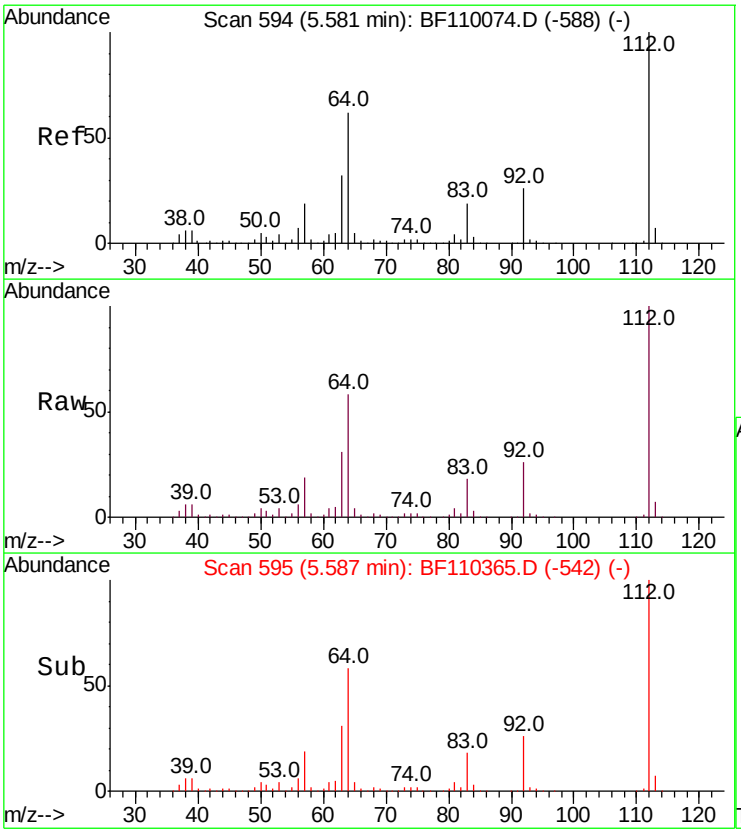
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF110365.D
Acq: 1 Nov 2018 13:39

Instrument :
BNA_F
ClientSampleId :
TP-9

Tgt Ion:152 Resp: 73830

Ion	Ratio	Lower	Upper
152	100		
150	161.2	122.7	184.1
115	63.5	49.1	73.7

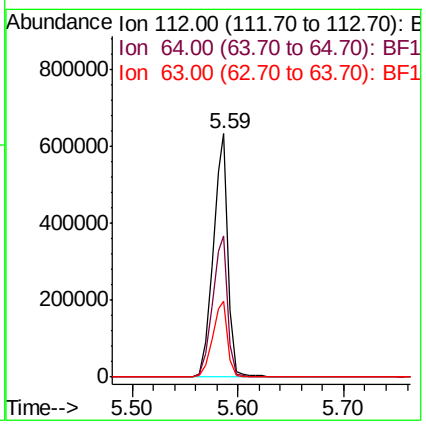


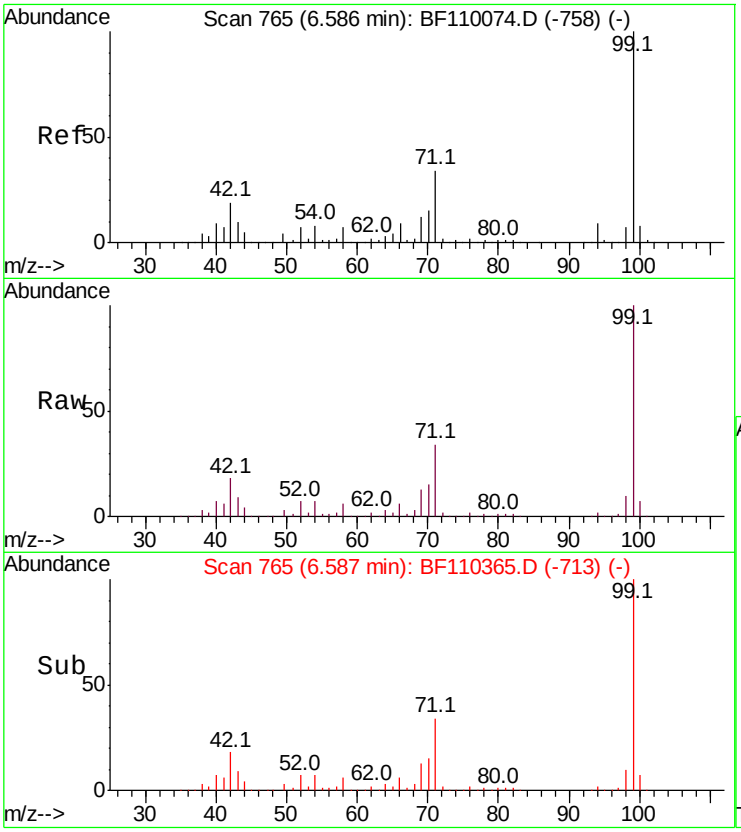


#5
2-Fluorophenol
Concen: 138.318 ng
RT: 5.59 min Scan# 595
Delta R.T. 0.01 min
Lab File: BF110365.D
Acq: 1 Nov 2018 13:39

Tgt Ion:112 Resp: 627102

Ion	Ratio	Lower	Upper
112	100		
64	58.1	44.1	66.1
63	31.0	23.7	35.5



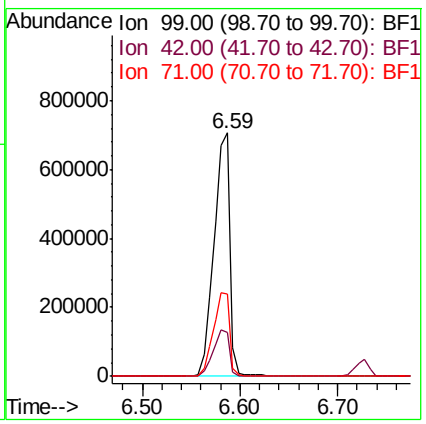


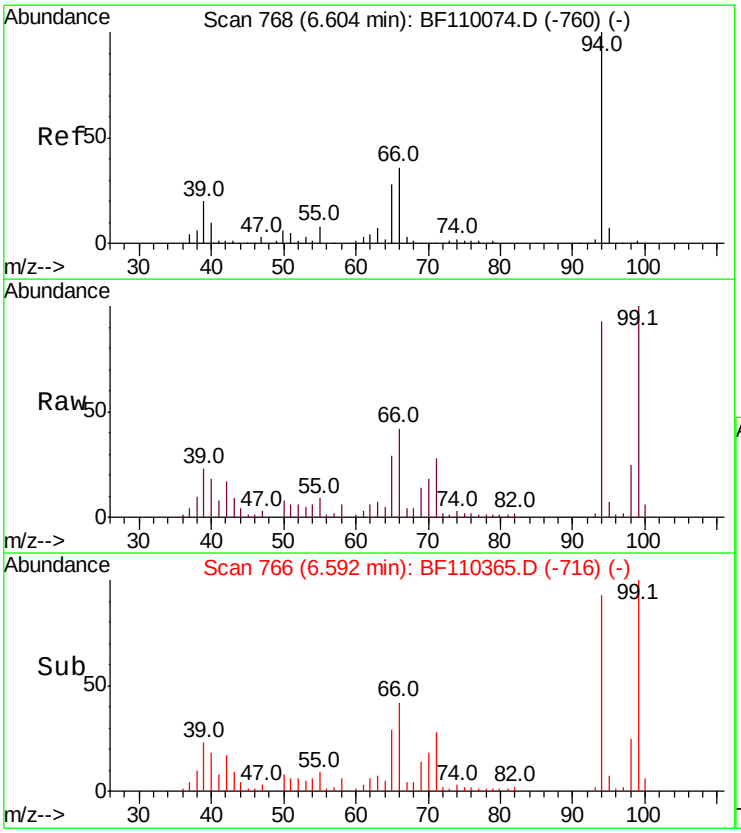
#7
Phenol-d6
Concen: 137.216 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.01 min
Lab File: BF110365.D
Acq: 1 Nov 2018 13:39

Instrument :
BNA_F
ClientSampleId :
TP-9

Tgt Ion: 99 Resp: 795720

Ion	Ratio	Lower	Upper
99	100		
42	18.0	15.8	23.6
71	33.8	28.0	42.0

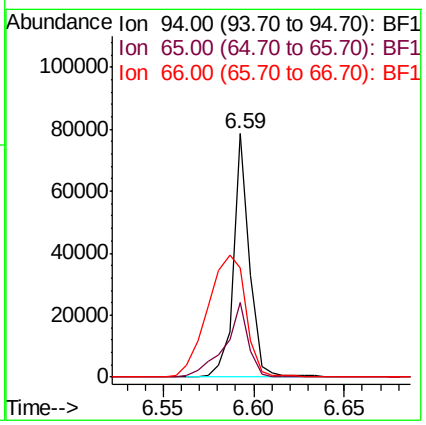


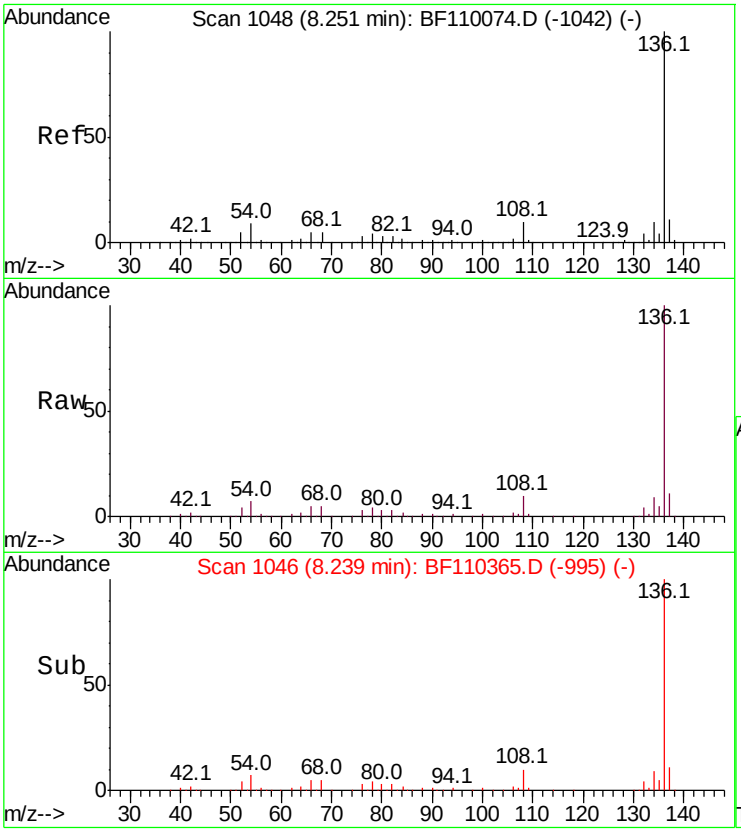


#10
Phenol
Concen: 7.795 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF110365.D
Acq: 1 Nov 2018 13:39

Tgt Ion: 94 Resp: 48316

Ion	Ratio	Lower	Upper
94	100		
65	30.9	25.3	65.3
66	45.0	54.5	94.5#



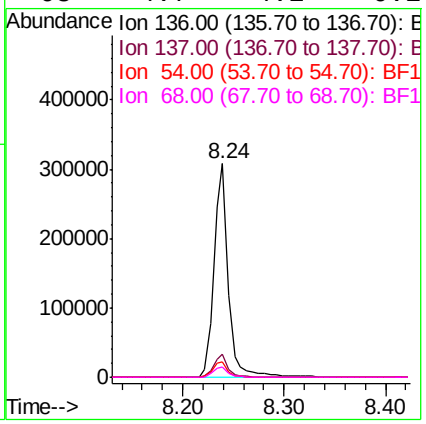


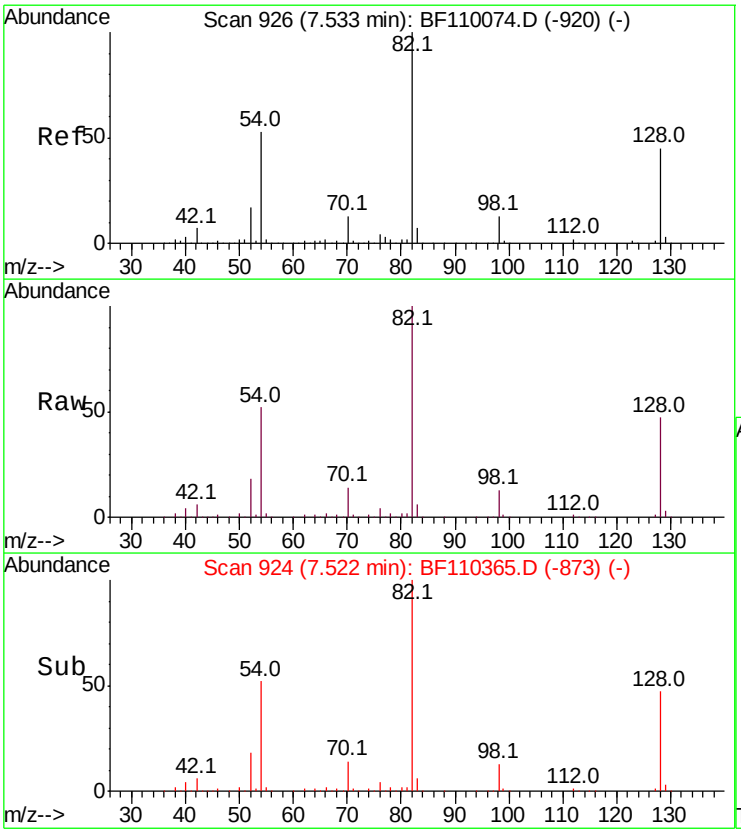
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110365.D
Acq: 1 Nov 2018 13:39

Instrument :
BNA_F
ClientSampleId :
TP-9

Tgt Ion:136 Resp: 300901

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.1	5.4	8.2
68	4.7	4.2	6.2

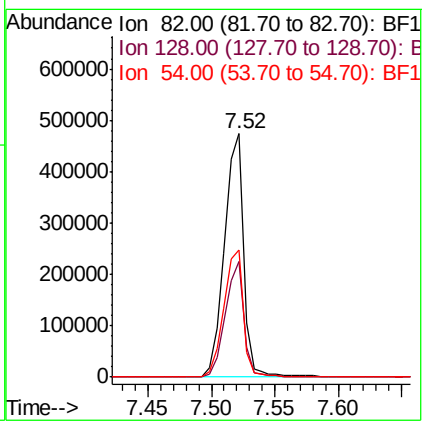


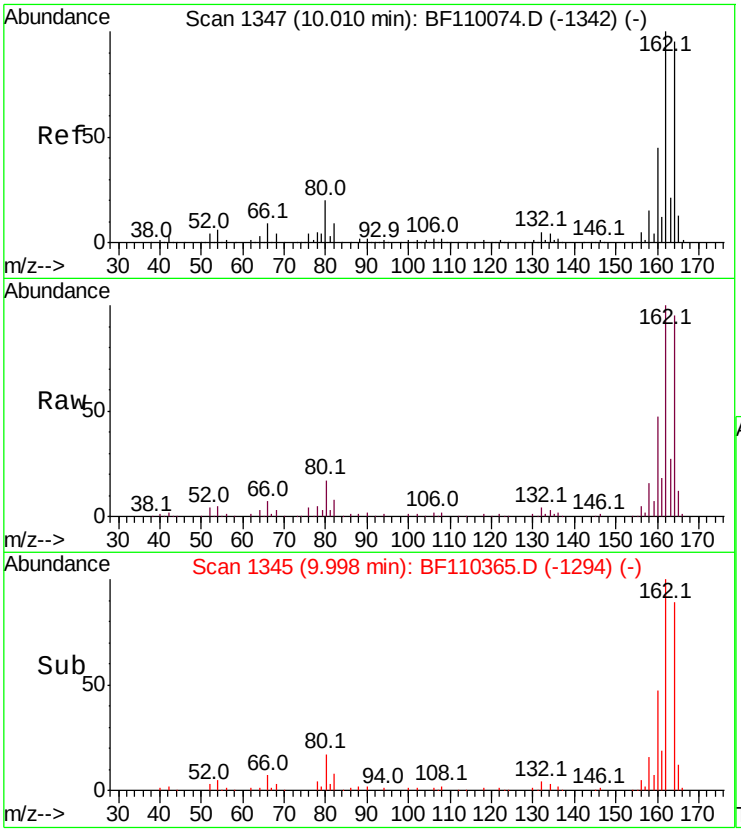


#23
Nitrobenzene-d5
Concen: 98.388 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF110365.D
Acq: 1 Nov 2018 13:39

Tgt Ion: 82 Resp: 499133

Ion	Ratio	Lower	Upper
82	100		
128	47.4	34.2	51.2
54	52.0	38.6	58.0



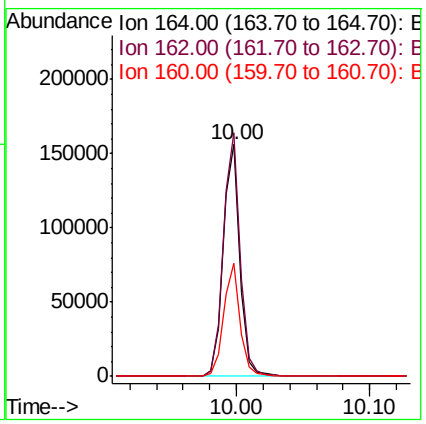


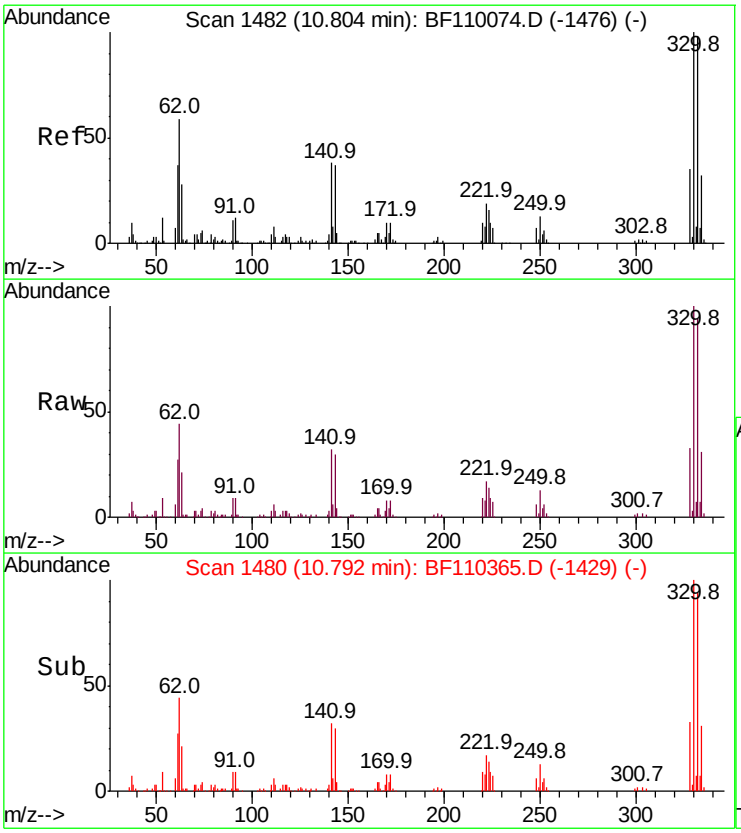
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF110365.D
Acq: 1 Nov 2018 13:39

Instrument :
BNA_F
ClientSampleId :
TP-9

Tgt Ion:164 Resp: 137631

Ion	Ratio	Lower	Upper
164	100		
162	105.2	83.0	124.6
160	49.0	37.0	55.6

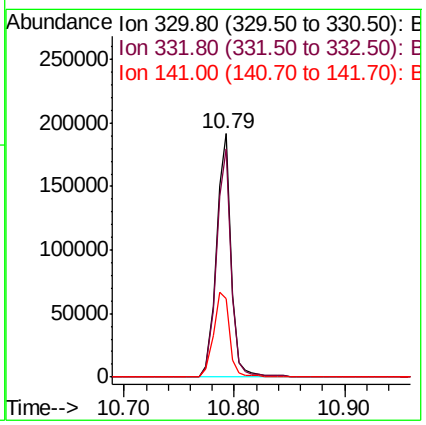


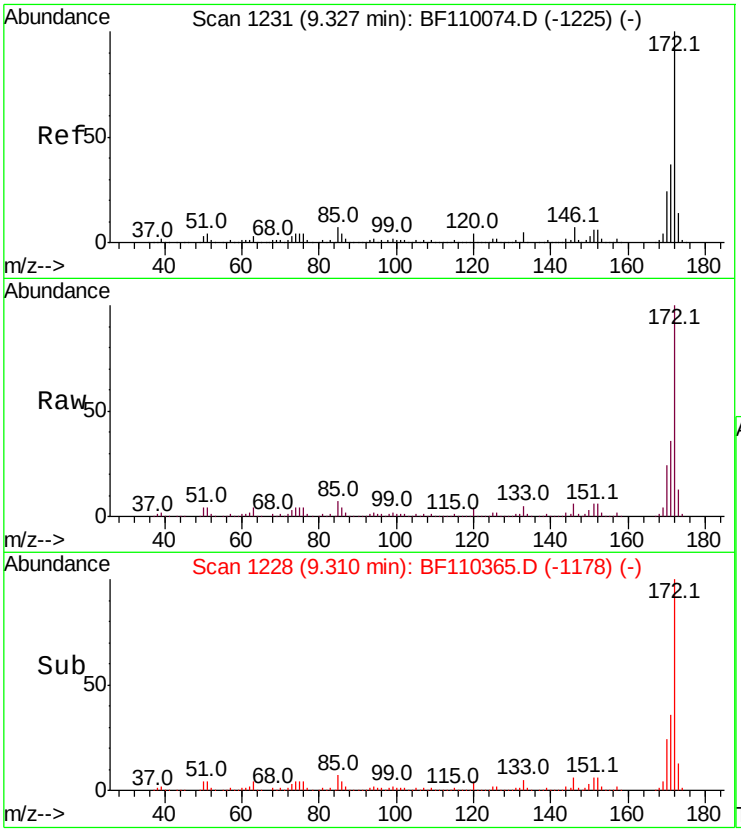


#42
2,4,6-Tribromophenol
Concen: 129.714 ng
RT: 10.79 min Scan# 1480
Delta R.T. 0.00 min
Lab File: BF110365.D
Acq: 1 Nov 2018 13:39

Tgt Ion:330 Resp: 176842

Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.1	115.7
141	38.0	27.0	40.4



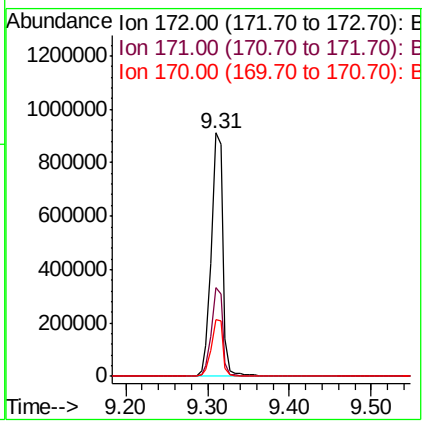


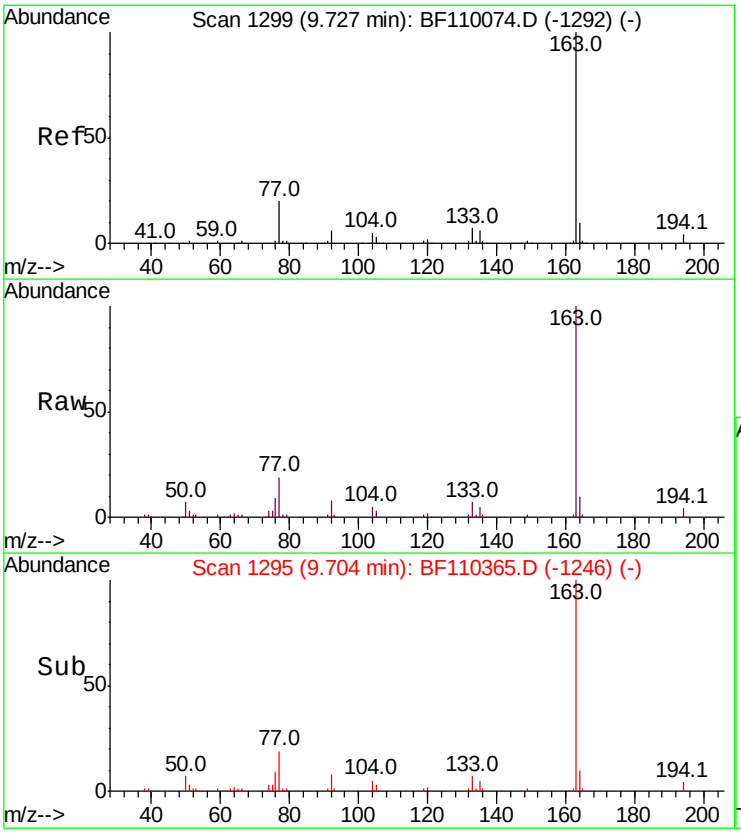
#45
2-Fluorobiphenyl
Concen: 103.373 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF110365.D
Acq: 1 Nov 2018 13:39

Instrument :
BNA_F
ClientSampleId :
TP-9

Tgt Ion:172 Resp: 906048

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	23.5	19.7	29.5

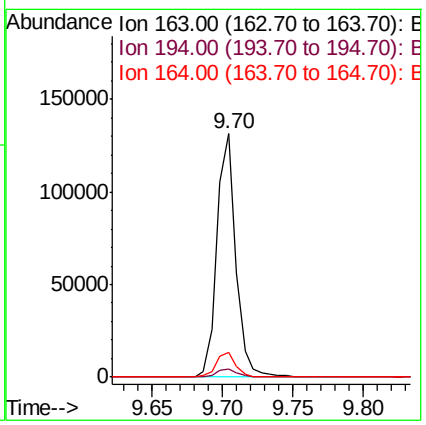


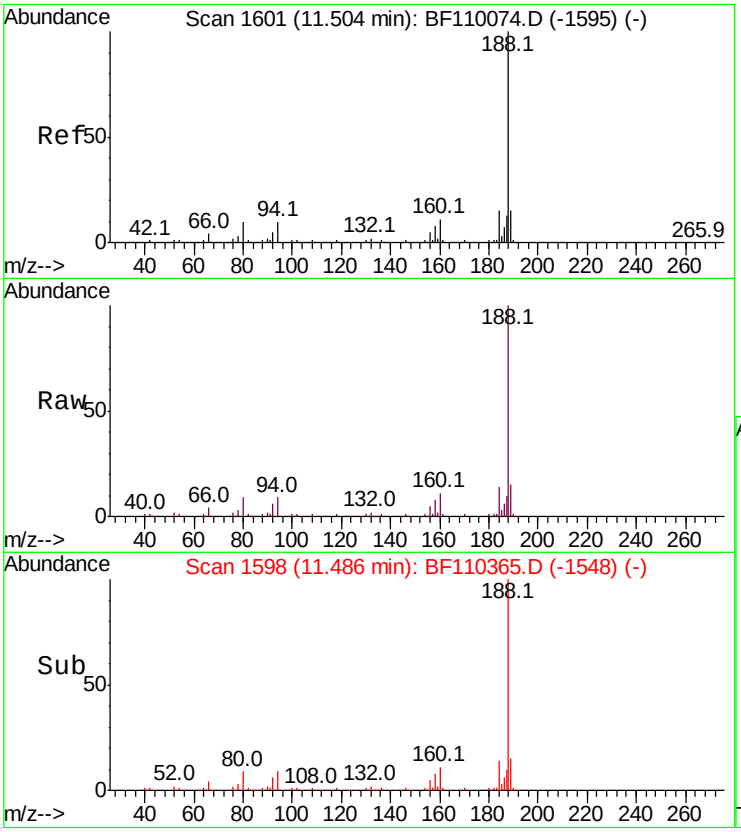


#50
Dimethylphthalate
Concen: 12.073 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF110365.D
Acq: 1 Nov 2018 13:39

Tgt Ion:163 Resp: 122659

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.2	4.8
164	10.0	8.1	12.1



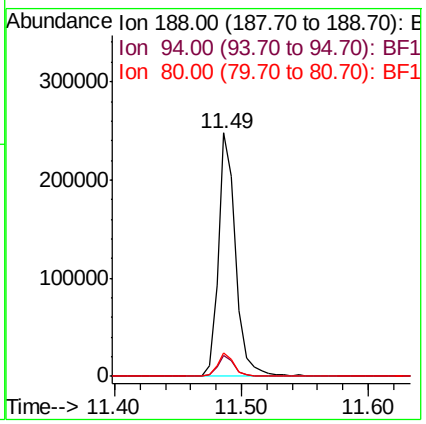


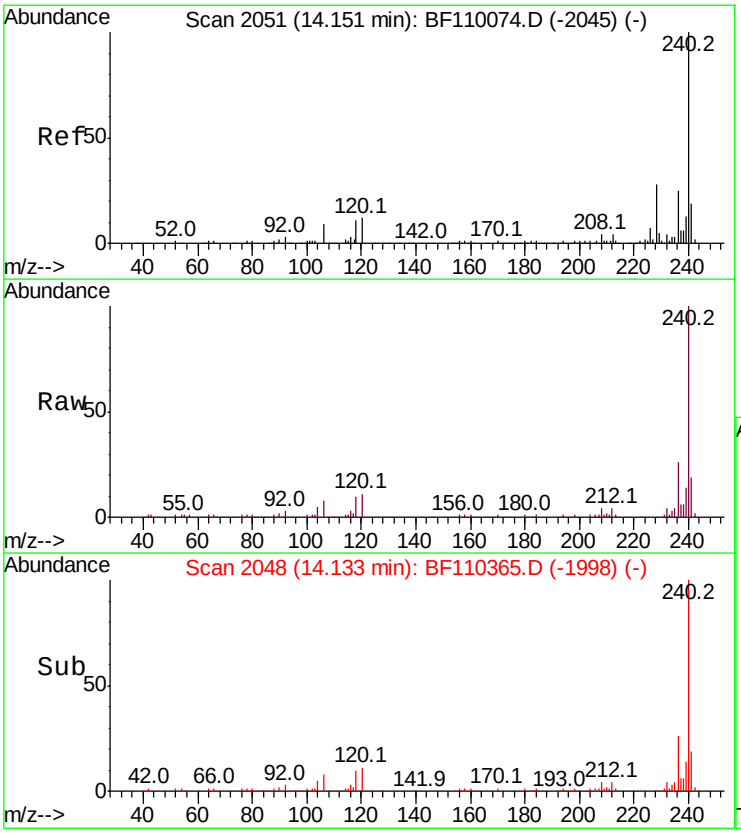
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF110365.D
Acq: 1 Nov 2018 13:39

Instrument :
BNA_F
ClientSampleId :
TP-9

Tgt Ion:188 Resp: 235717

Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.2	10.8
80	9.4	7.9	11.9

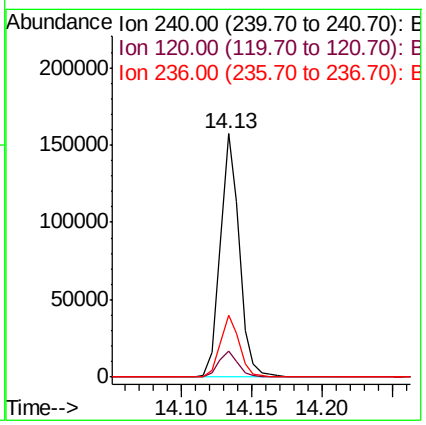


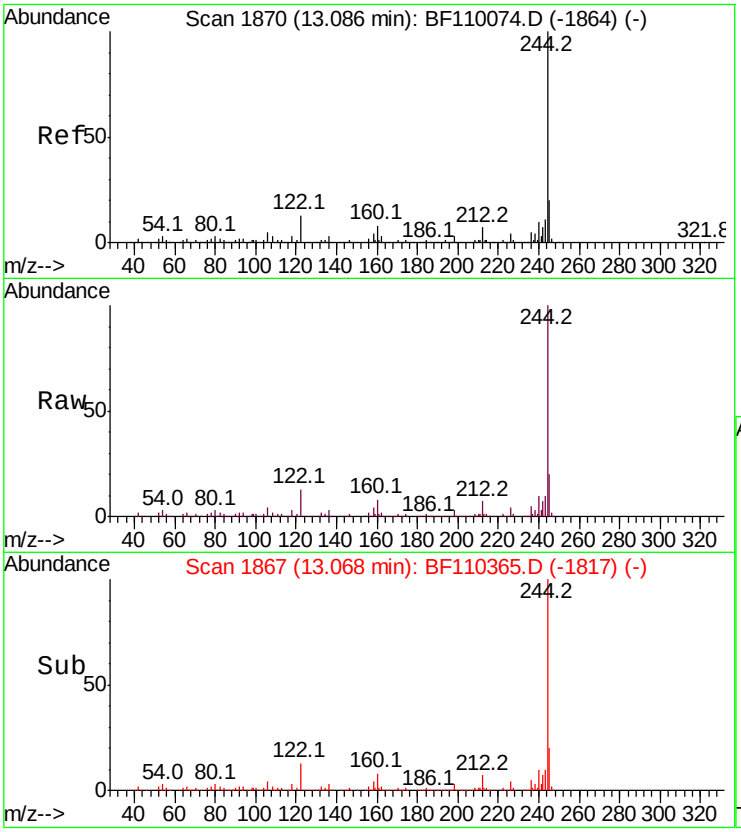


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110365.D
Acq: 1 Nov 2018 13:39

Tgt Ion:240 Resp: 146470

Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.3	12.5
236	25.6	21.2	31.8



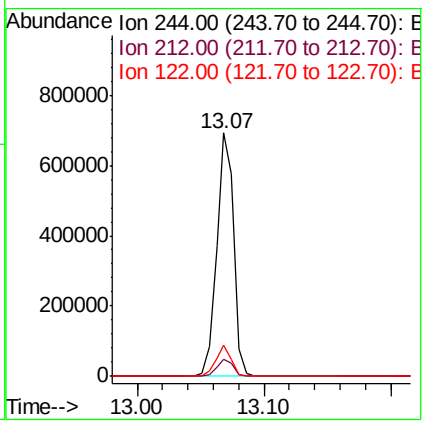


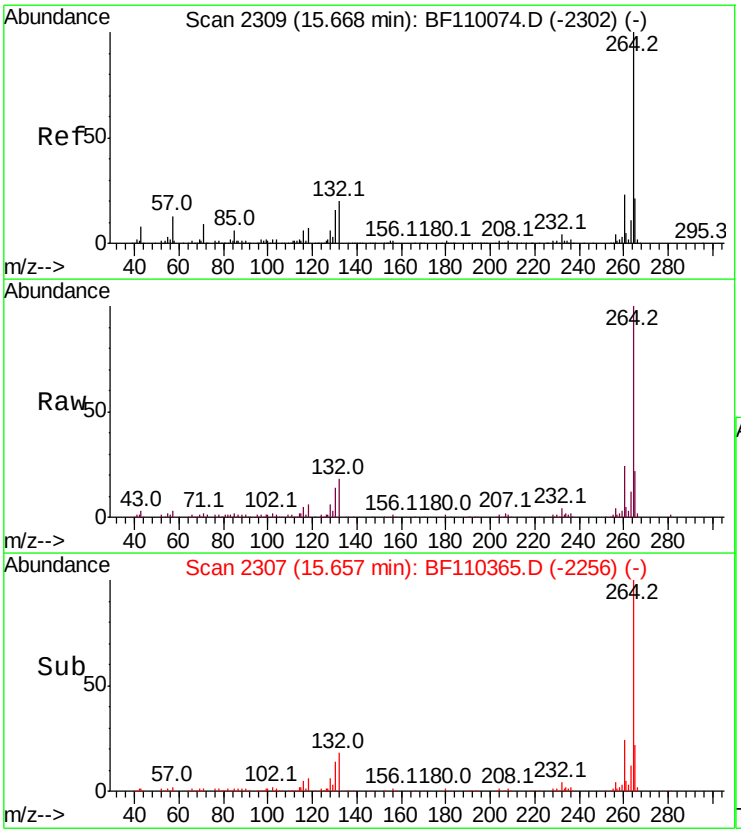
#79
Terphenyl-d14
Concen: 91.888 ng
RT: 13.07 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BF110365.D
Acq: 1 Nov 2018 13:39

Instrument :
BNA_F
ClientSampleId :
TP-9

Tgt Ion:244 Resp: 647150

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	12.8	8.7	13.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110365.D
Acq: 1 Nov 2018 13:39

Tgt Ion:264 Resp: 160094

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.7	28.1
265	21.7	16.7	25.1