Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053119\
Data File : BF114706.D
Acq On : 31 May 2019 14:18
Operator : HP/JU
Sample : K2986-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FESB-21(4.5-5)

Quant Time: Jun 01 00:50:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 19:08:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	271862	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	973087	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	486582	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	978123	20.00	ng	0.00
76) Chrysene-d12	13.82	240	796568	20.00	ng	0.00
87) Perylene-d12	15.21	264	725693	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	2179779	140.77	ng	0.01
7) Phenol-d6	6.33	99	2650438	142.04	ng	0.00
23) Nitrobenzene-d5	7.26	82	1656821	106.23	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	743419	160.35	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	3005927	123.25	ng	0.00
79) Terphenyl-d14	12.78	244	3460354	81.68	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.34	94	46218	2.050	ng	# 72
50) Dimethylphthalate	9.44	163	498534	14.704	ng	98

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

Quantitation Report (QT Reviewed)

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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FESB-21(4.5-5)

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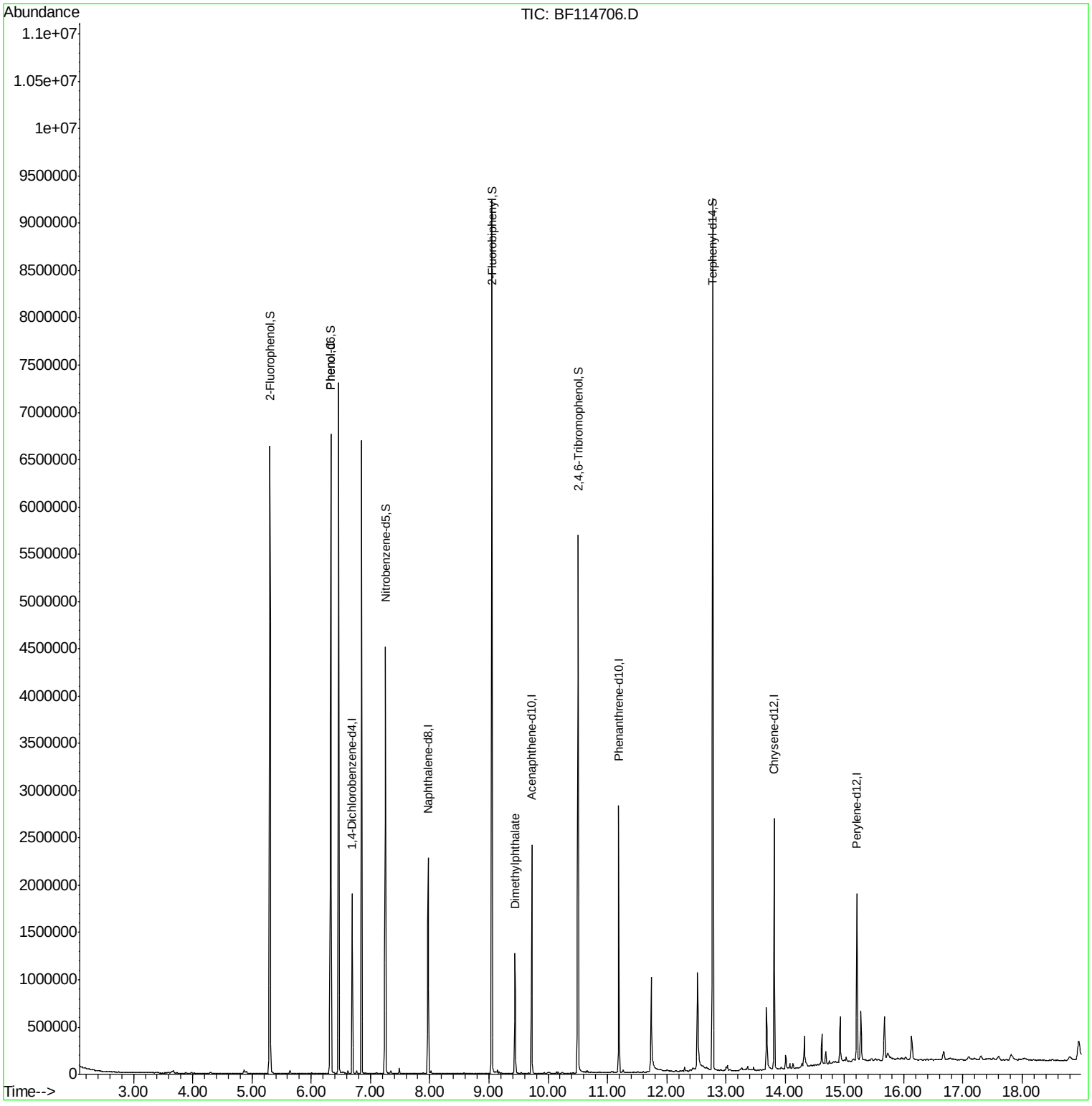
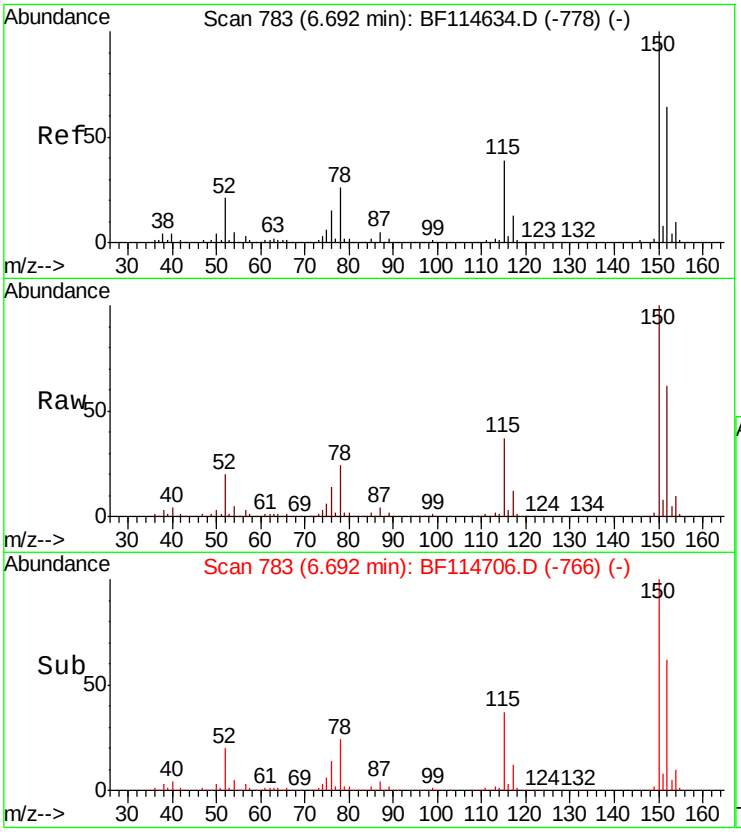


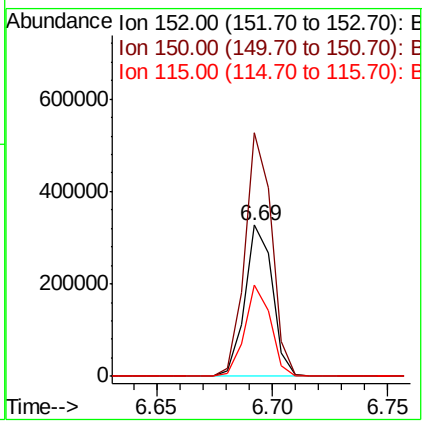


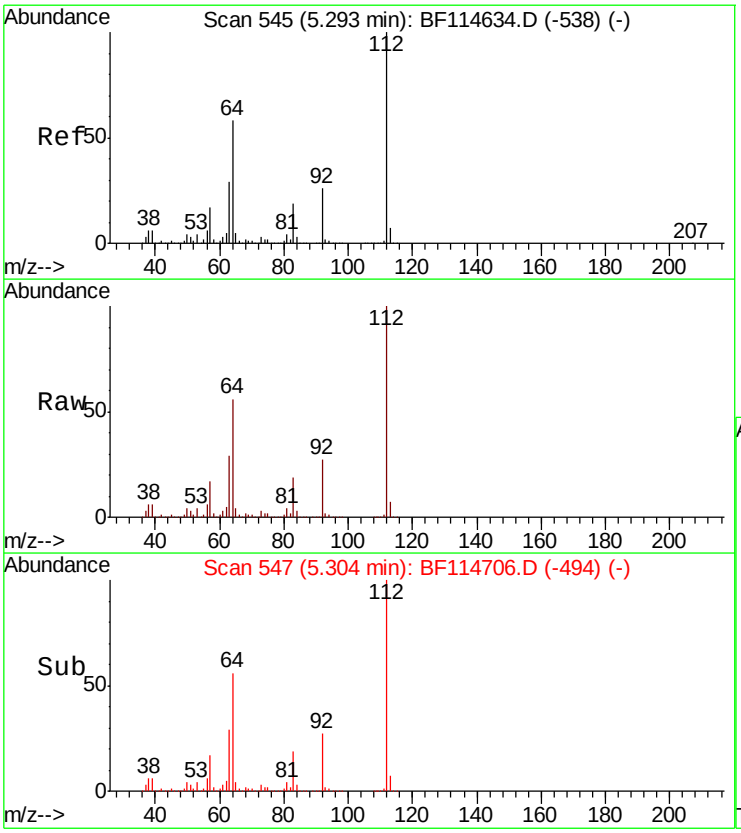
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF114706.D
Acq: 31 May 2019 14:18

Instrument :
BNA_F
ClientSampleId :
FESB-21(4.5-5)

Tgt Ion:152 Resp: 271862

Ion	Ratio	Lower	Upper
152	100		
150	161.0	124.4	186.6
115	60.2	48.7	73.1

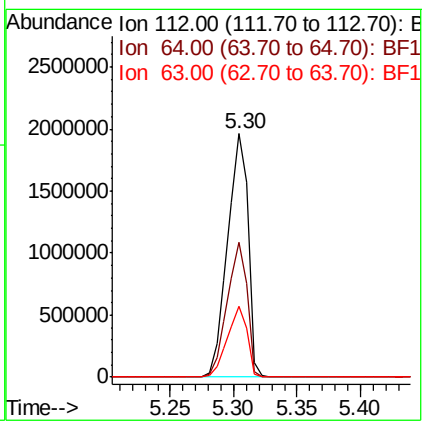


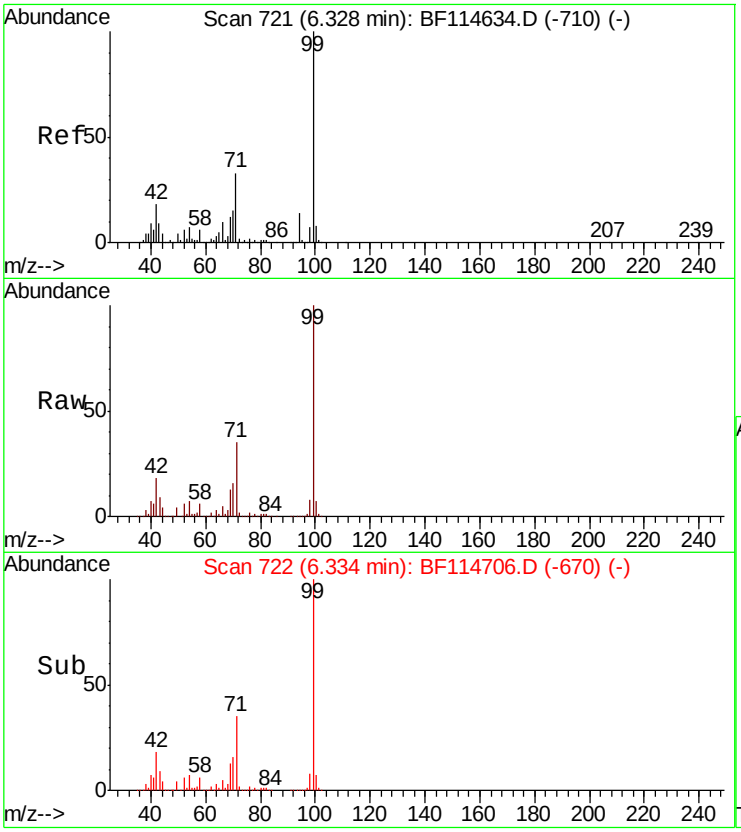


#5
2-Fluorophenol
Concen: 140.772 ng
RT: 5.30 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF114706.D
Acq: 31 May 2019 14:18

Tgt Ion:112 Resp: 2179779

Ion	Ratio	Lower	Upper
112	100		
64	55.6	46.1	69.1
63	29.0	23.4	35.2



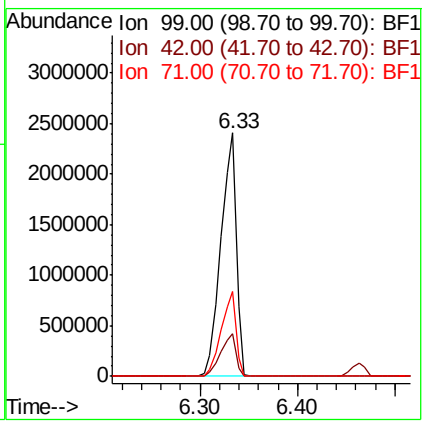


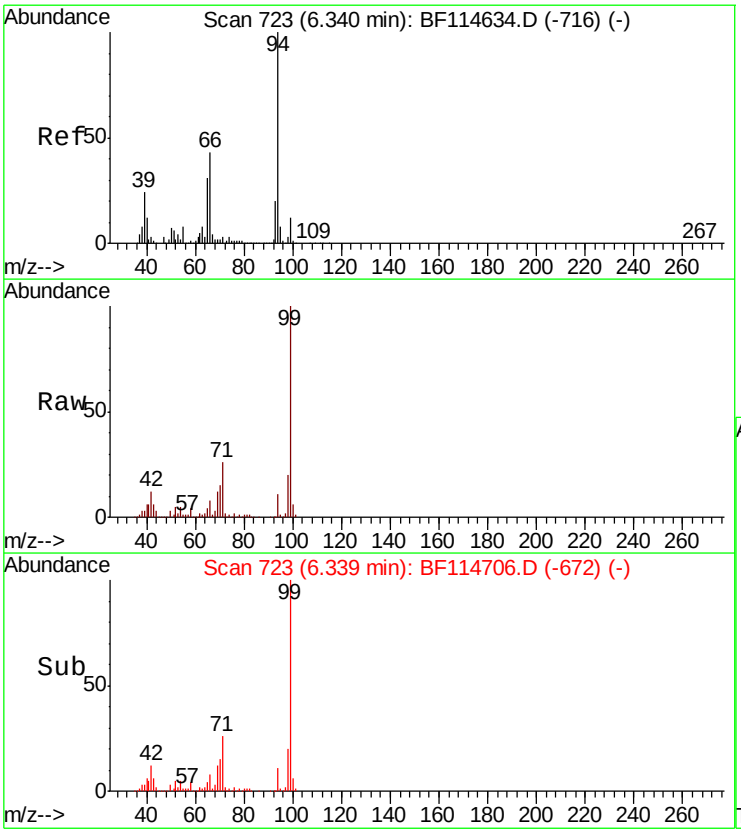
#7
Phenol-d6
Concen: 142.044 ng
RT: 6.33 min Scan# 722
Delta R.T. 0.01 min
Lab File: BF114706.D
Acq: 31 May 2019 14:18

Instrument :
BNA_F
ClientSampleId :
FESB-21(4.5-5)

Tgt Ion: 99 Resp: 2650438

Ion	Ratio	Lower	Upper
99	100		
42	17.7	14.7	22.1
71	34.9	26.6	40.0

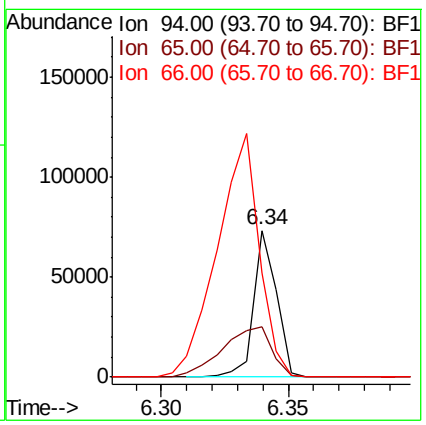


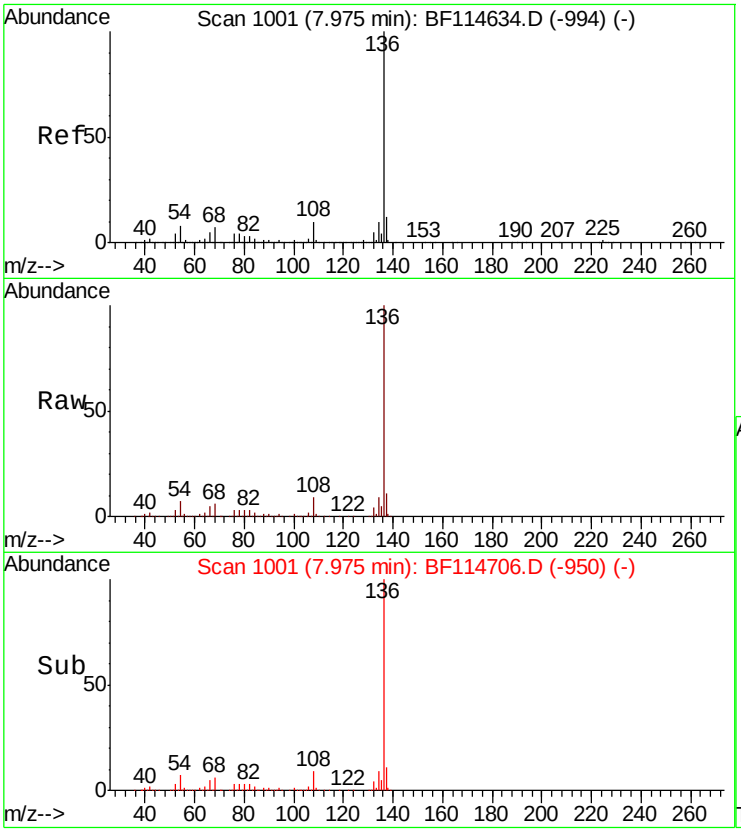


#10
Phenol
Concen: 2.050 ng
RT: 6.34 min Scan# 723
Delta R.T. -0.00 min
Lab File: BF114706.D
Acq: 31 May 2019 14:18

Tgt Ion: 94 Resp: 46218

Ion	Ratio	Lower	Upper
94	100		
65	34.0	11.0	51.0
66	70.8	23.0	63.0#



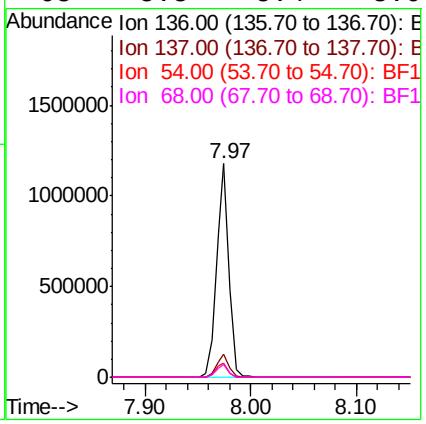


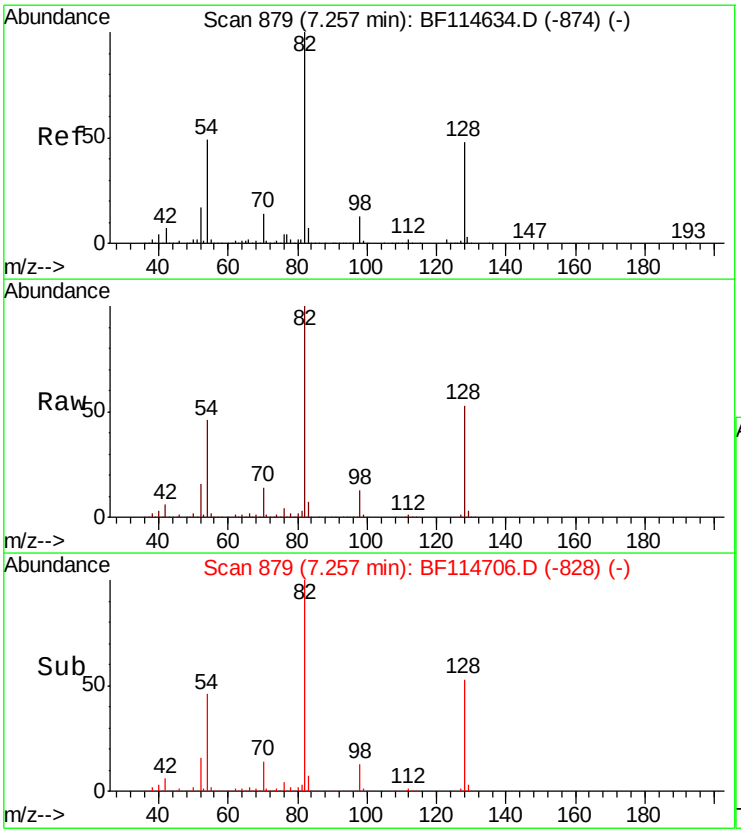
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BF114706.D
Acq: 31 May 2019 14:18

Instrument :
BNA_F
ClientSampleId :
FESB-21(4.5-5)

Tgt Ion:136 Resp: 973087

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.3	13.9
54	6.6	6.3	9.5
68	5.8	5.4	8.0

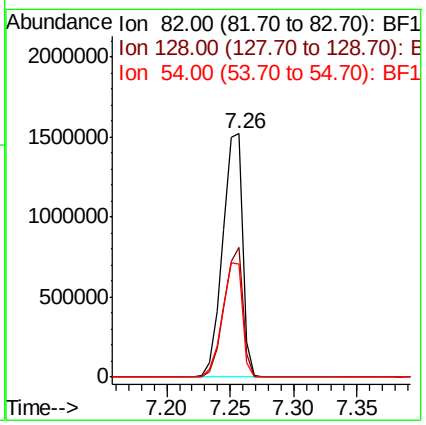


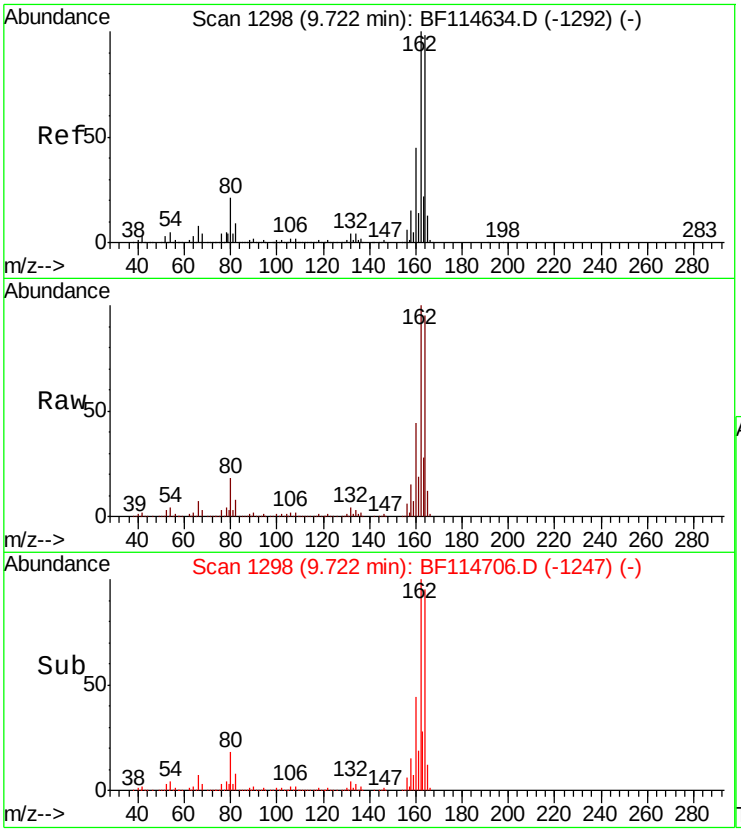


#23
Nitrobenzene-d5
Concen: 106.226 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: BF114706.D
Acq: 31 May 2019 14:18

Tgt Ion: 82 Resp: 1656821

Ion	Ratio	Lower	Upper
82	100		
128	53.4	38.5	57.7
54	46.4	39.1	58.7



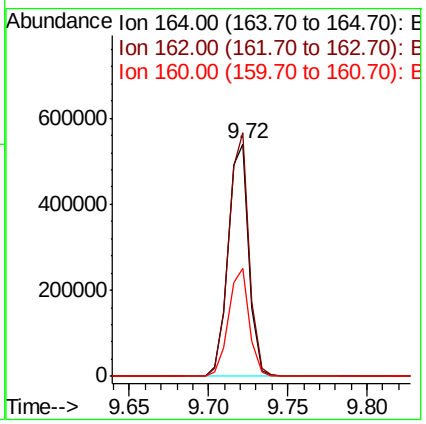


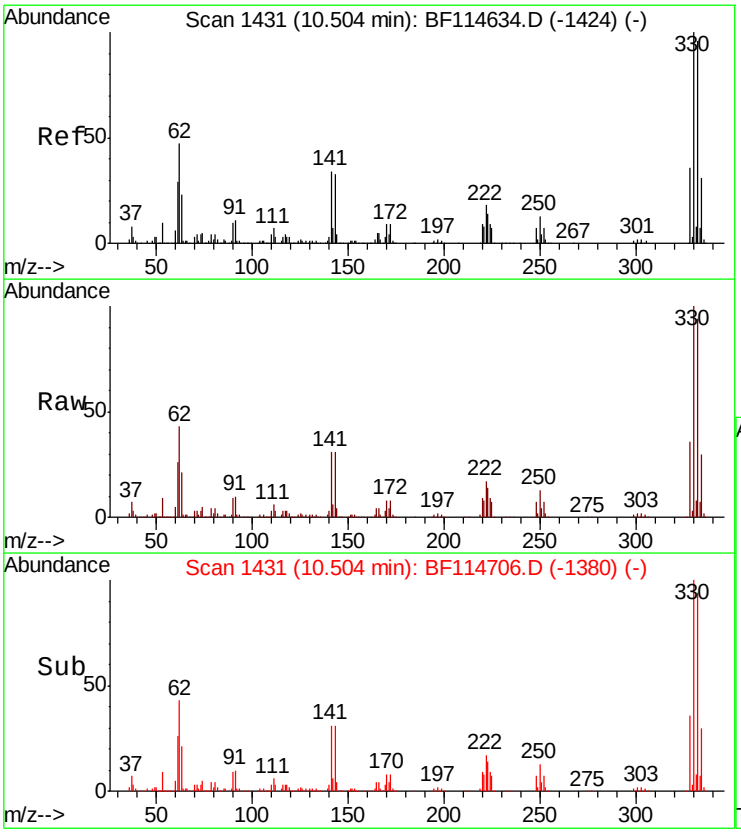
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BF114706.D
Acq: 31 May 2019 14:18

Instrument :
BNA_F
ClientSampleId :
FESB-21(4.5-5)

Tgt Ion:164 Resp: 486582

Ion	Ratio	Lower	Upper
164	100		
162	104.9	81.4	122.2
160	46.6	36.6	54.8

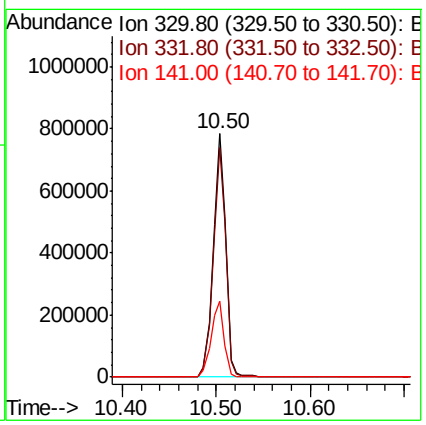


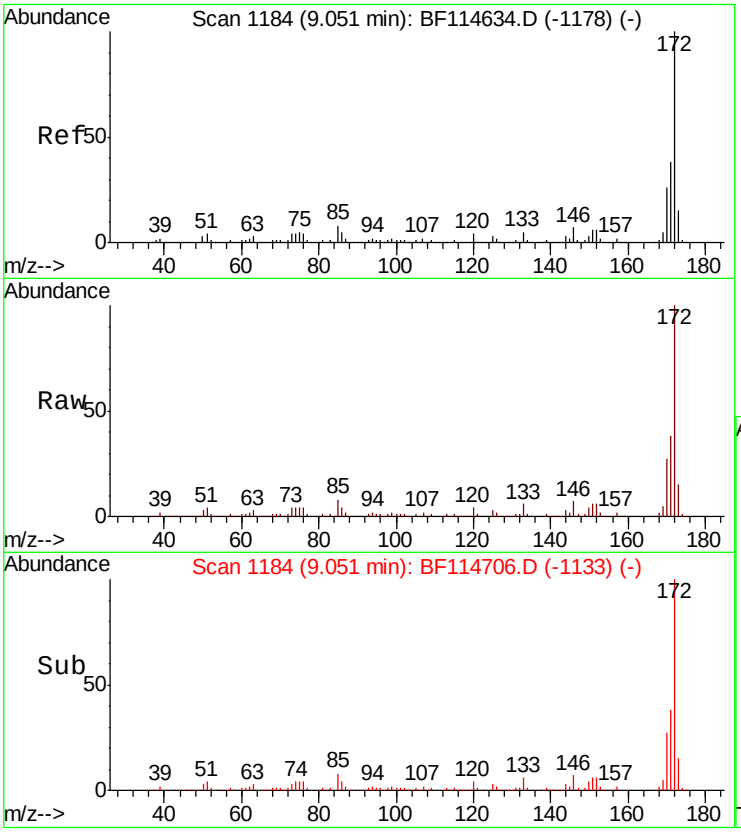


#42
2,4,6-Tribromophenol
Concen: 160.345 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.00 min
Lab File: BF114706.D
Acq: 31 May 2019 14:18

Tgt Ion:330 Resp: 743419

Ion	Ratio	Lower	Upper
330	100		
332	95.2	75.8	113.8
141	32.2	27.8	41.8



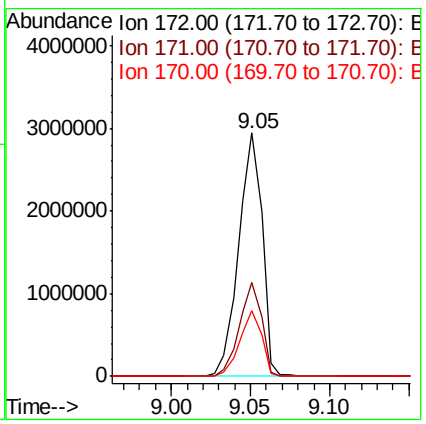


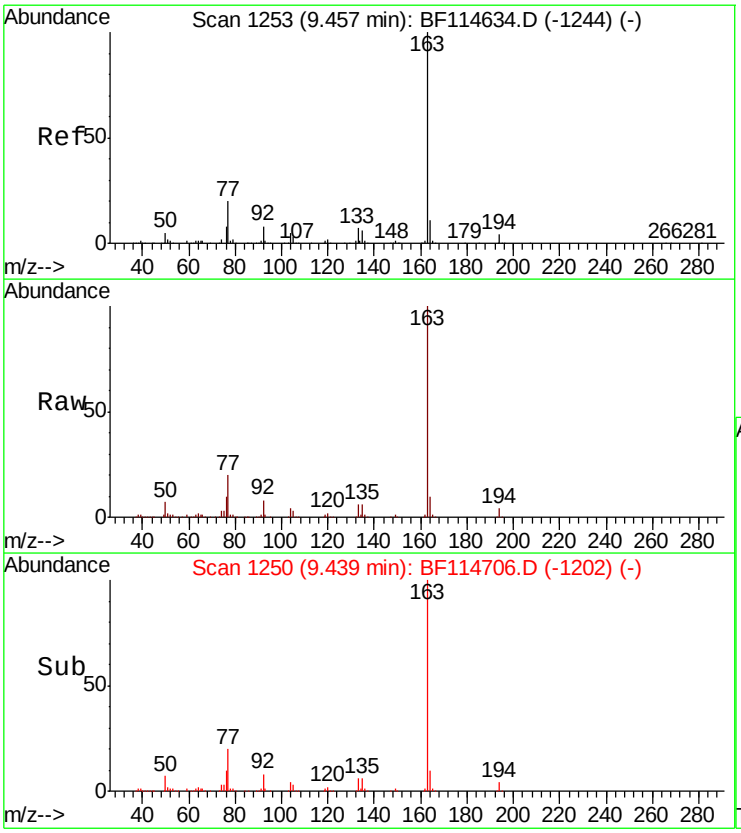
#45
2-Fluorobiphenyl
Concen: 123.246 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF114706.D
Acq: 31 May 2019 14:18

Instrument :
BNA_F
ClientSampleId :
FESB-21(4.5-5)

Tgt Ion:172 Resp: 3005927

Ion	Ratio	Lower	Upper
172	100		
171	38.4	30.6	45.8
170	26.7	20.7	31.1

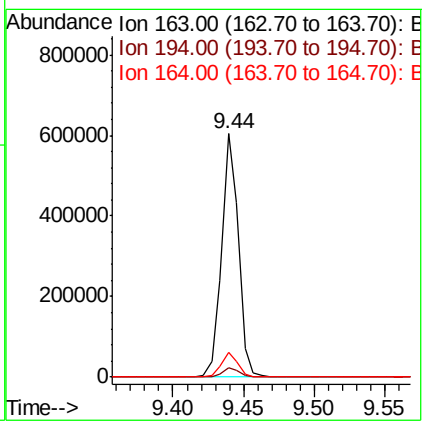


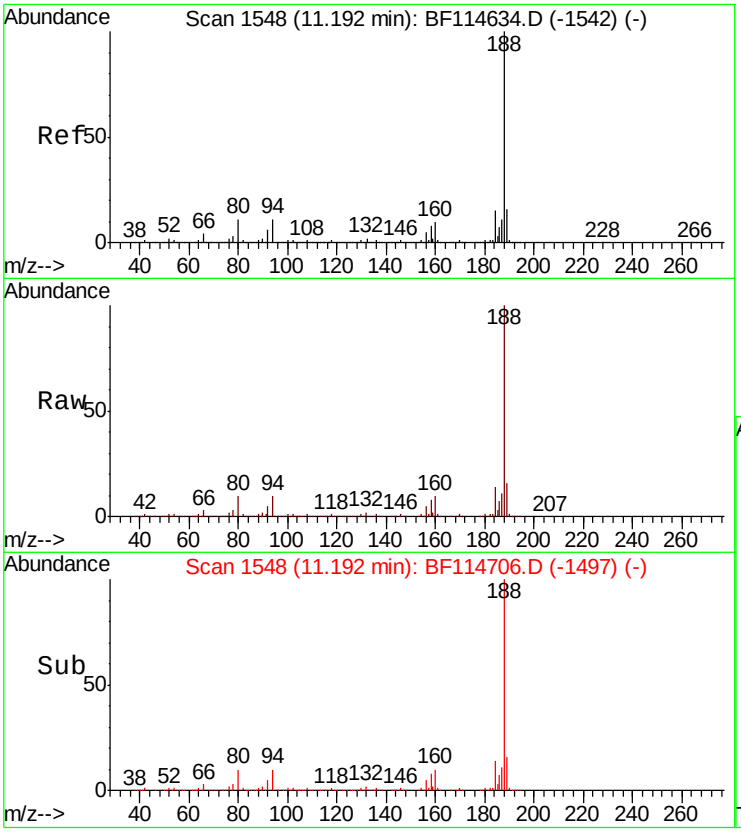


#50
Dimethylphthalate
Concen: 14.704 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.02 min
Lab File: BF114706.D
Acq: 31 May 2019 14:18

Tgt Ion:163 Resp: 498534

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.4	5.0
164	10.0	8.6	13.0



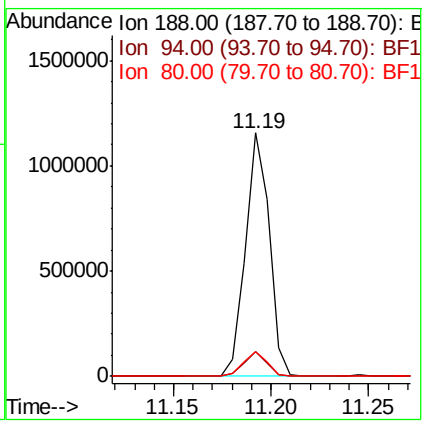


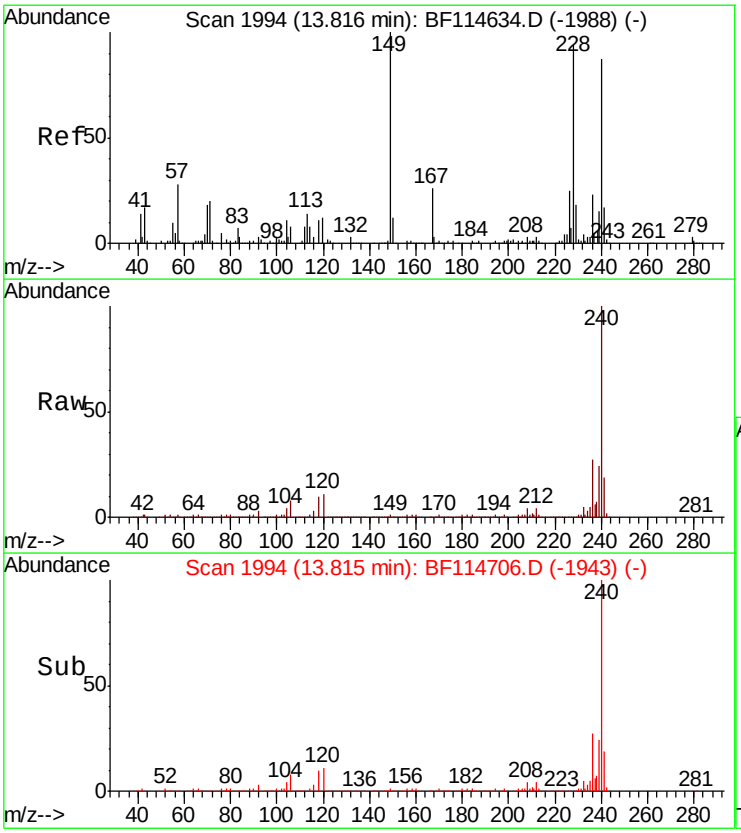
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.00 min
Lab File: BF114706.D
Acq: 31 May 2019 14:18

Instrument :
BNA_F
ClientSampleId :
FESB-21(4.5-5)

Tgt Ion:188 Resp: 978123

Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.6	13.0
80	10.2	9.0	13.6

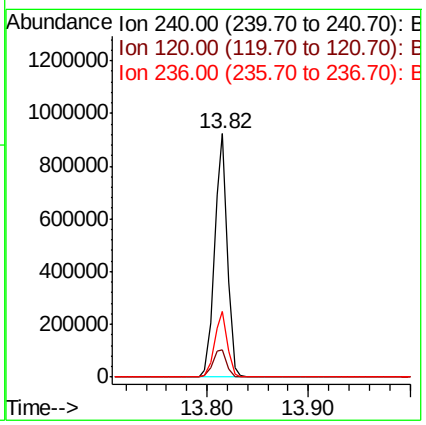


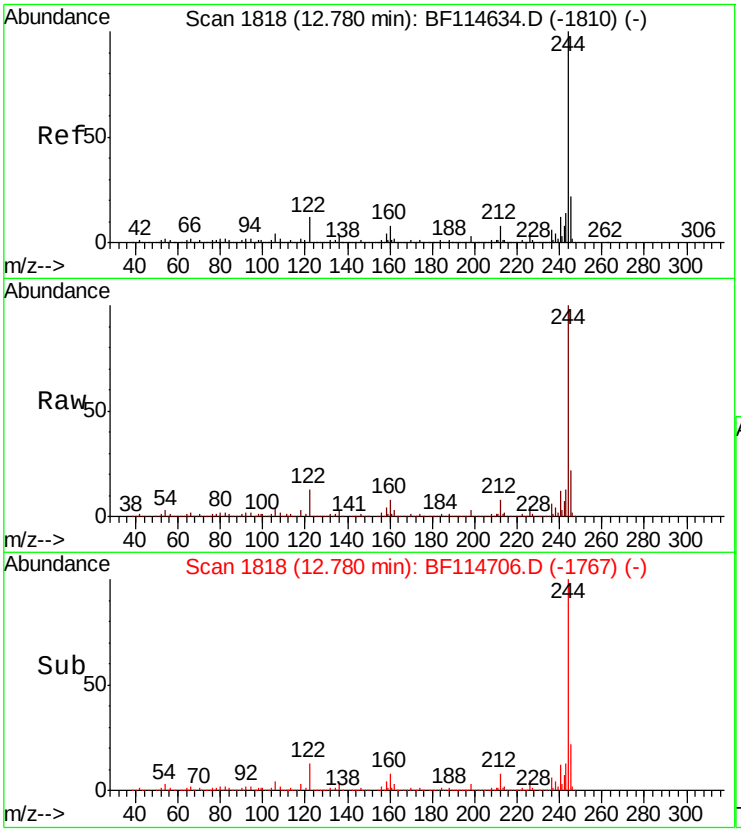


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.00 min
Lab File: BF114706.D
Acq: 31 May 2019 14:18

Tgt Ion:240 Resp: 796568

Ion	Ratio	Lower	Upper
240	100		
120	11.3	11.2	16.8
236	27.2	21.2	31.8



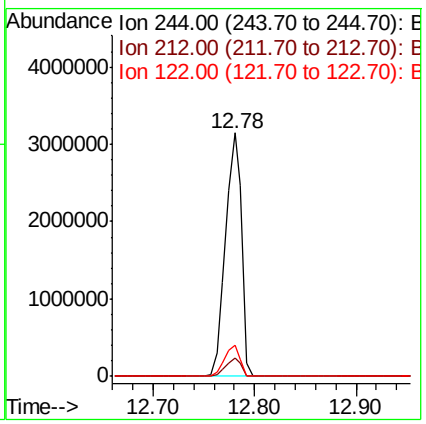


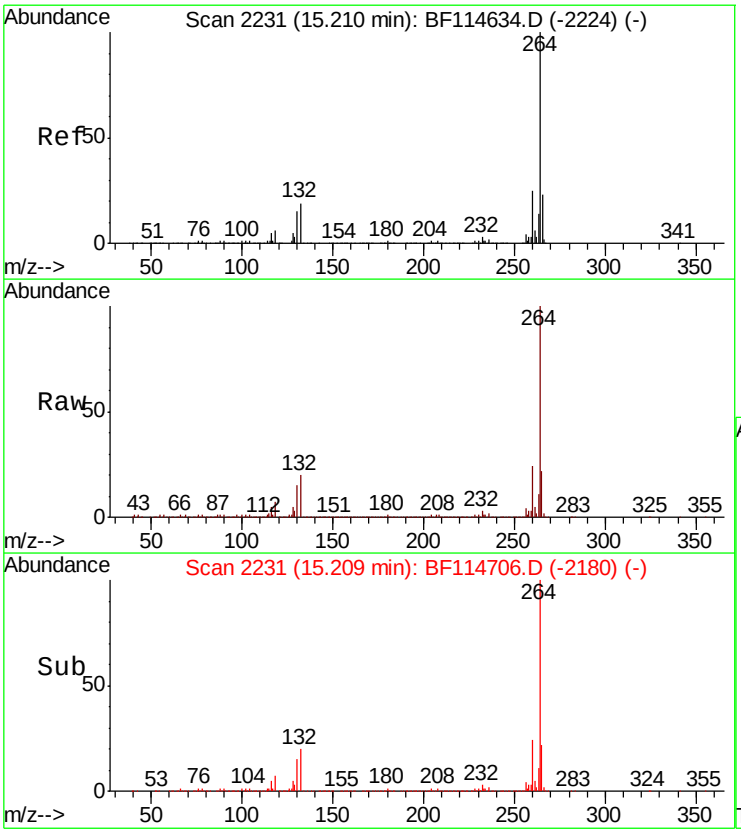
#79
Terphenyl-d14
Concen: 81.675 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BF114706.D
Acq: 31 May 2019 14:18

Instrument :
BNA_F
ClientSampleId :
FESB-21(4.5-5)

Tgt Ion:244 Resp: 3460354

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.1	9.1
122	13.0	9.8	14.8





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.00 min
Lab File: BF114706.D
Acq: 31 May 2019 14:18

Tgt Ion:264 Resp: 725693

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.7	29.5
265	21.9	18.1	27.1