Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
Data File : BF120310.D
Acq On : 15 May 2020 00:13
Operator : MA/SJ
Sample : L2641-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHASSIS-WASH

Quant Time: May 15 04:43:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 14 12:47:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	319871	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	1247023	20.00	ng	0.00
39) Acenaphthene-d10	9.66	164	619001	20.00	ng	0.00
64) Phenanthrene-d10	11.14	188	1279080	20.00	ng	0.00
76) Chrysene-d12	13.78	240	728596	20.00	ng	0.00
87) Perylene-d12	15.17	264	537226	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	1794546	109.16	ng	0.01
7) Phenol-d6	6.28	99	2123932	102.16	ng	0.00
23) Nitrobenzene-d5	7.19	82	1507725	82.78	ng	0.00
42) 2,4,6-Tribromophenol	10.45	330	638626	126.54	ng	0.00
45) 2-Fluorobiphenyl	8.99	172	2681612	89.00	ng	0.00
79) Terphenyl-d14	12.73	244	2566310	77.81	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	7.75	122	47238	4.833	ng	98
50) Dimethylphthalate	9.38	163	227311	5.809	ng	99

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

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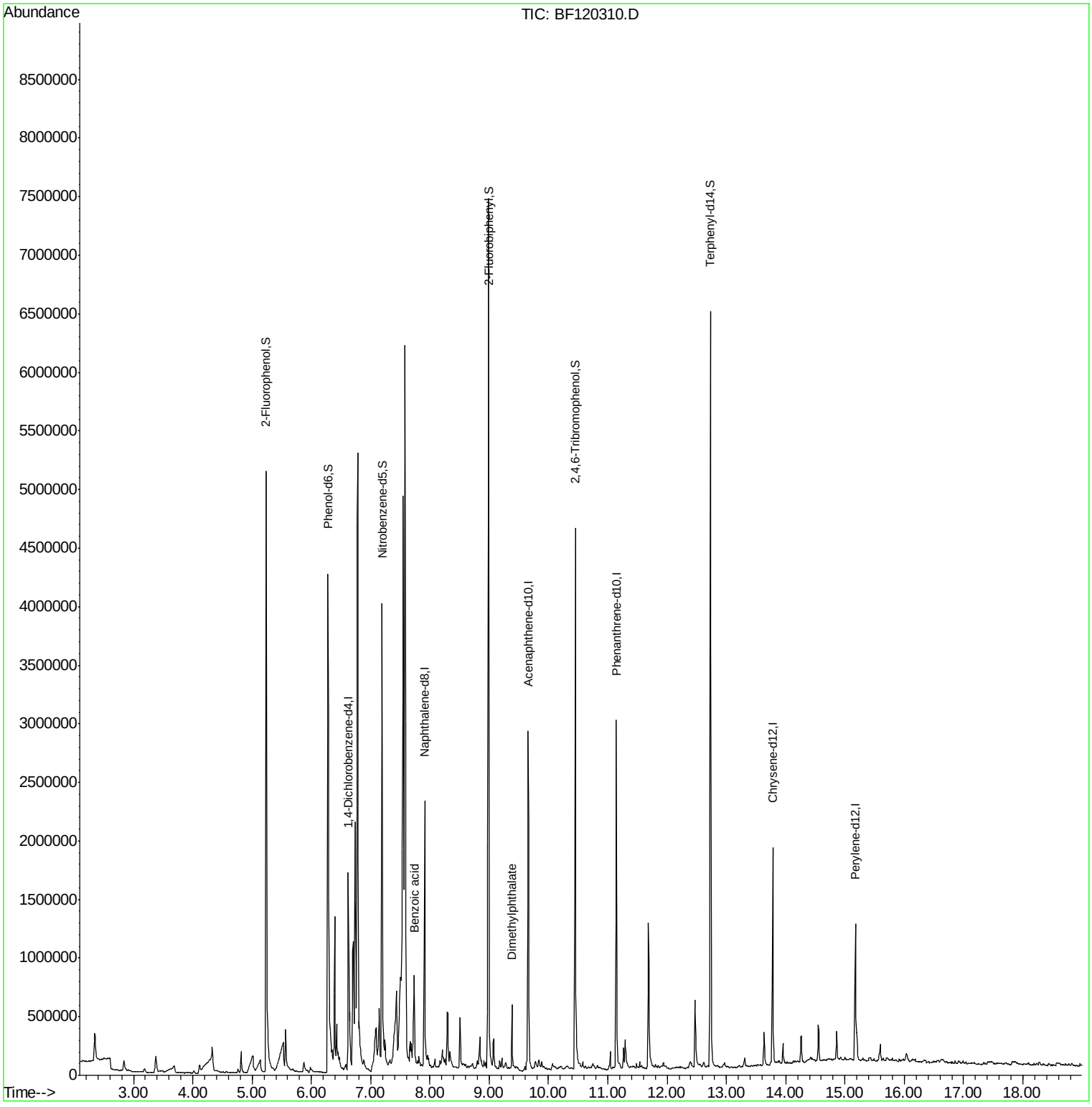
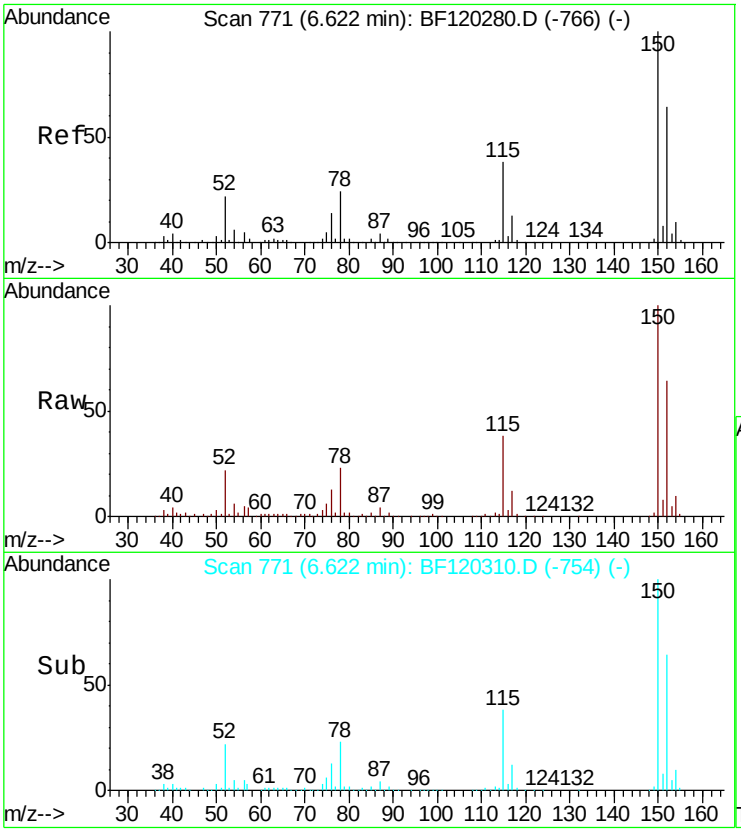


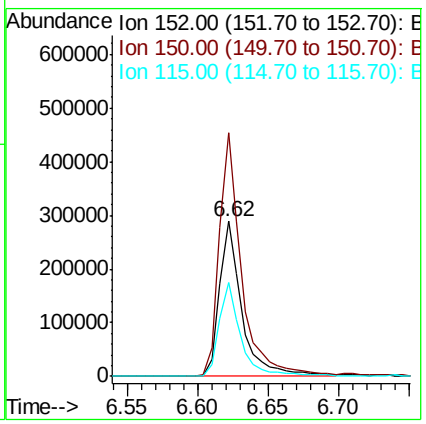


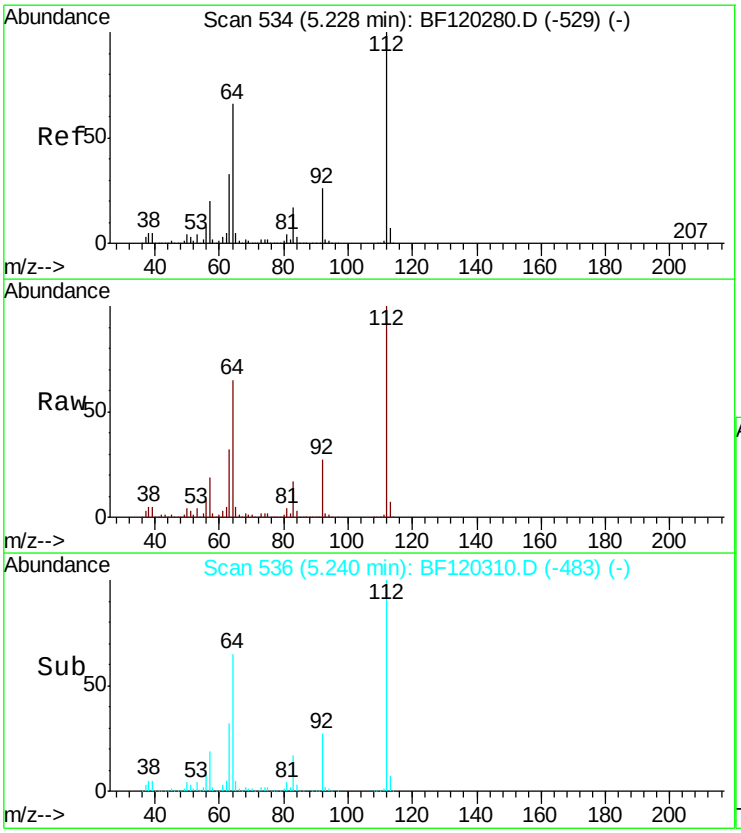
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.62 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF120310.D
Acq: 15 May 2020 00:13

Instrument :
BNA_F
ClientSampleId :
CHASSIS-WASH

Tgt Ion:152 Resp: 319871

Ion	Ratio	Lower	Upper
152	100		
150	157.4	126.2	189.2
115	60.3	47.9	71.9

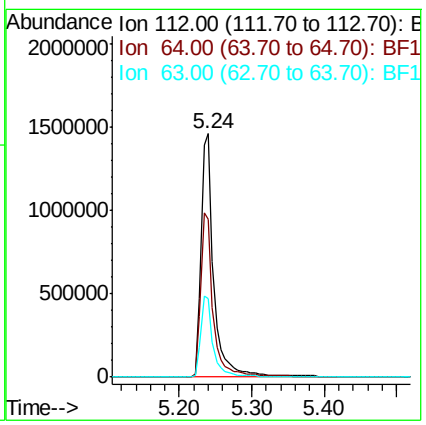


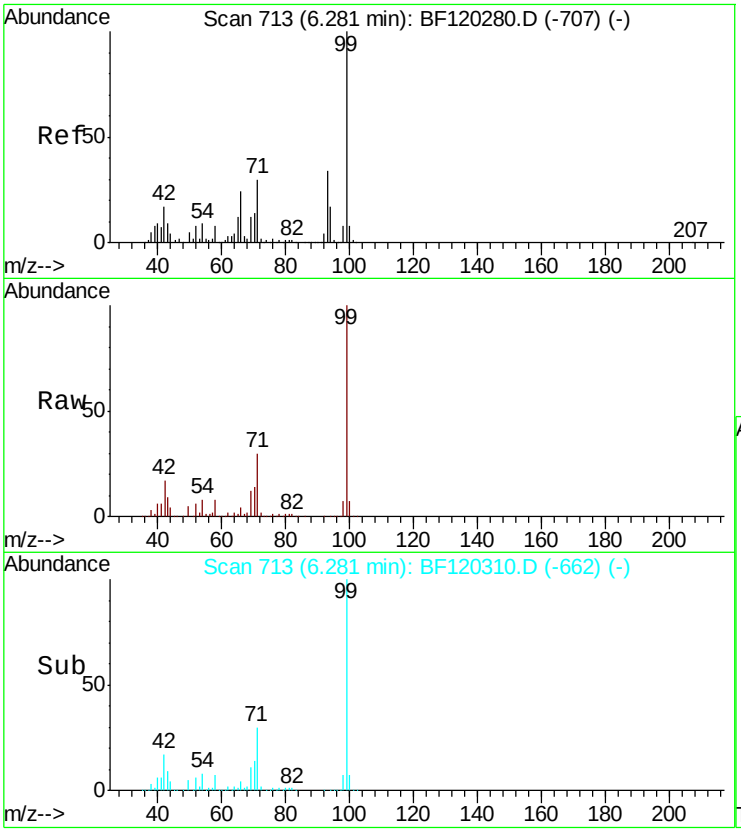


#5
2-Fluorophenol
Concen: 109.158 ng
RT: 5.24 min Scan# 536
Delta R.T. 0.01 min
Lab File: BF120310.D
Acq: 15 May 2020 00:13

Tgt Ion:112 Resp: 1794546

Ion	Ratio	Lower	Upper
112	100		
64	64.8	52.7	79.1
63	32.3	26.2	39.4



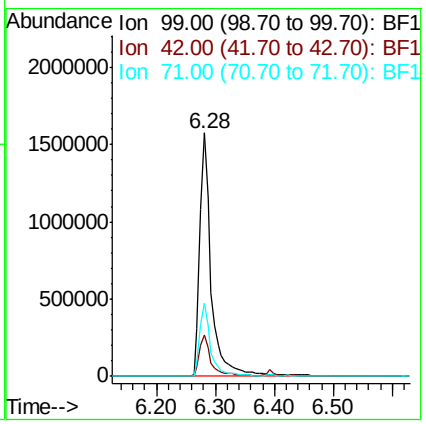


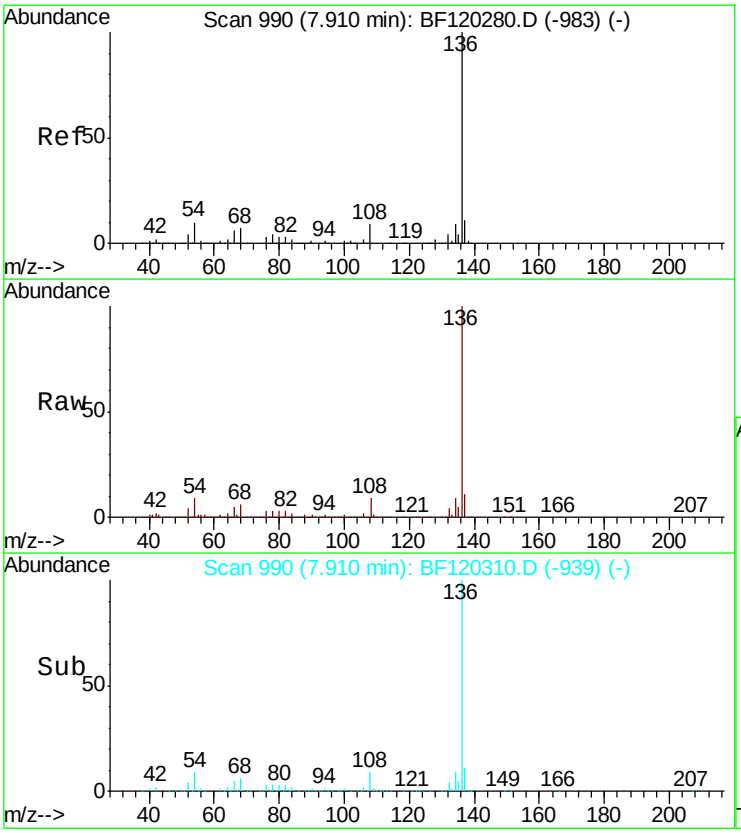
#7
Phenol-d6
Concen: 102.163 ng
RT: 6.28 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF120310.D
Acq: 15 May 2020 00:13

Instrument :
BNA_F
ClientSampleId :
CHASSIS-WASH

Tgt Ion: 99 Resp: 2123932

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.6	20.4
71	30.2	24.2	36.4

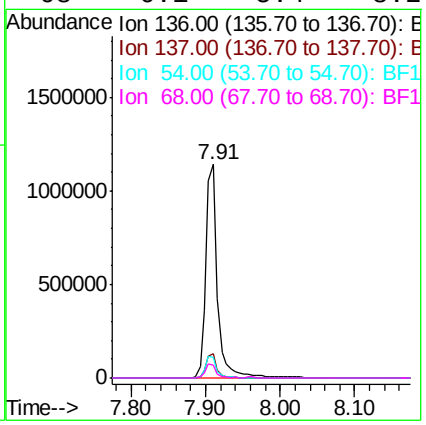


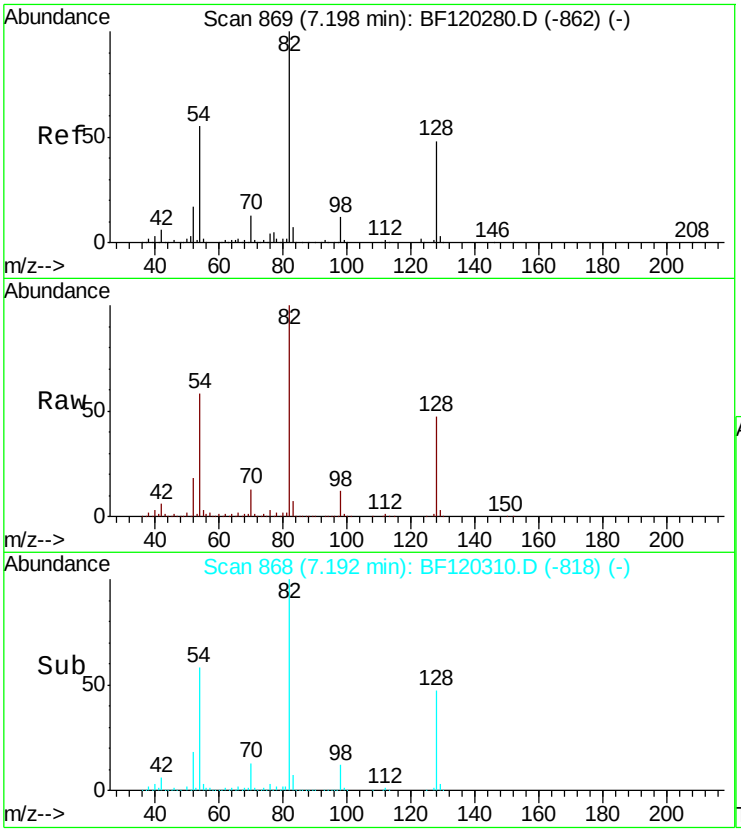


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.91 min Scan# 990
Delta R.T. 0.00 min
Lab File: BF120310.D
Acq: 15 May 2020 00:13

Tgt Ion:136 Resp: 1247023

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	9.3	7.9	11.9
68	6.1	5.4	8.2



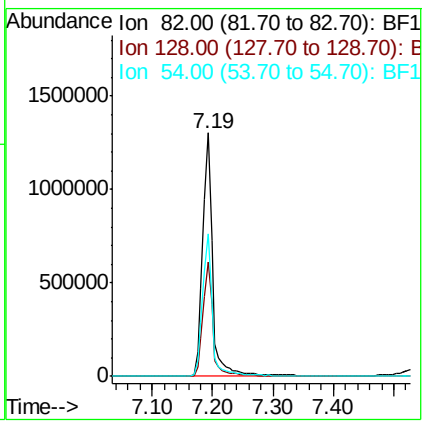


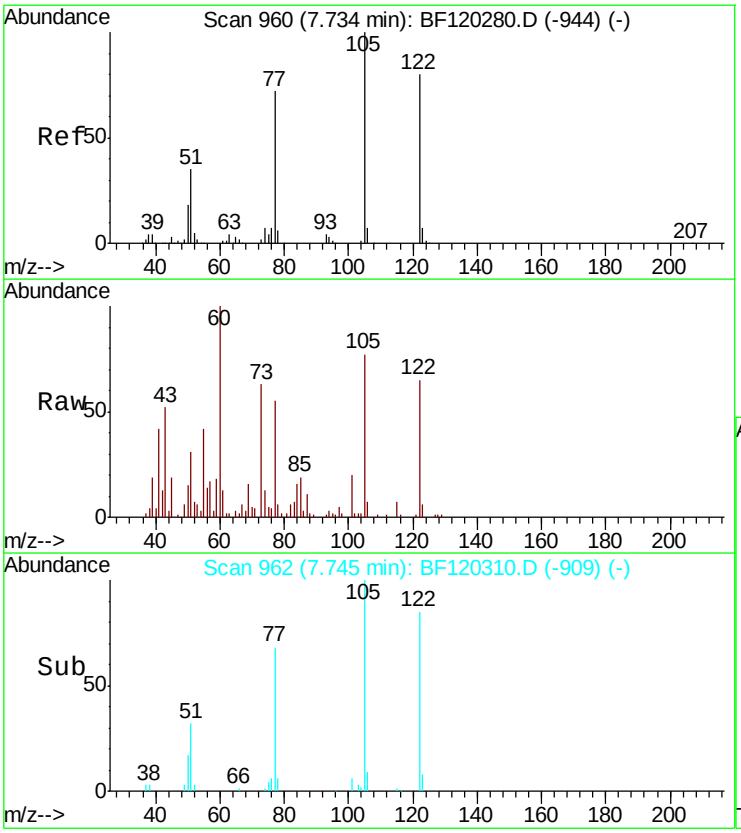
#23
Nitrobenzene-d5
Concen: 82.780 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF120310.D
Acq: 15 May 2020 00:13

Instrument :
BNA_F
ClientSampleId :
CHASSIS-WASH

Tgt Ion: 82 Resp: 1507725

Ion	Ratio	Lower	Upper
82	100		
128	47.0	38.3	57.5
54	58.3	43.9	65.9

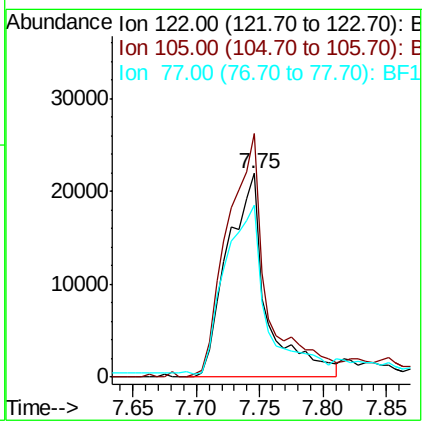


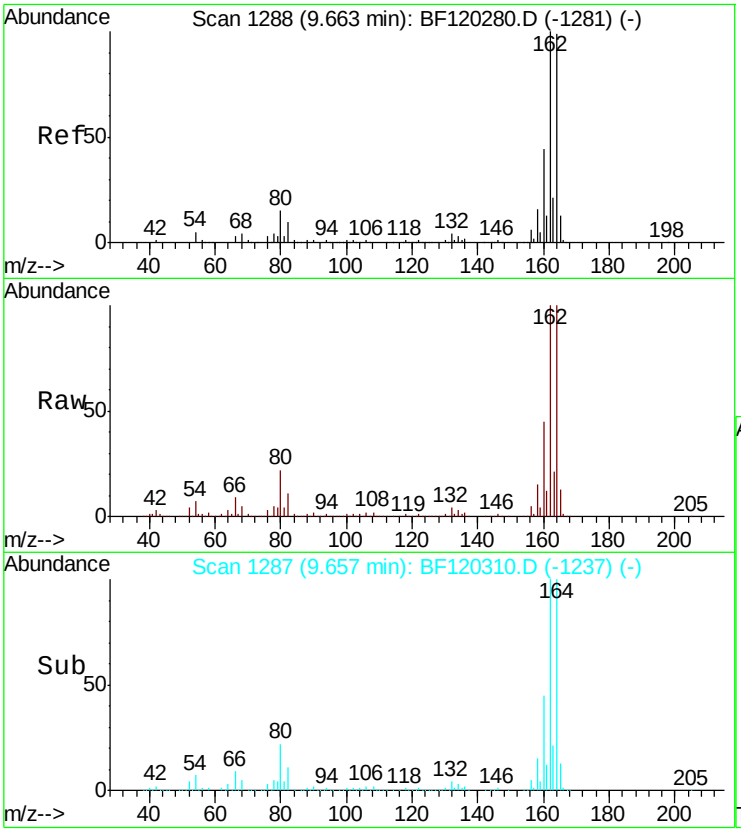


#32
Benzoic acid
Concen: 4.833 ng
RT: 7.75 min Scan# 962
Delta R.T. 0.01 min
Lab File: BF120310.D
Acq: 15 May 2020 00:13

Tgt Ion:122 Resp: 47238

Ion	Ratio	Lower	Upper
122	100		
105	119.6	98.1	138.1
77	84.5	66.7	106.7



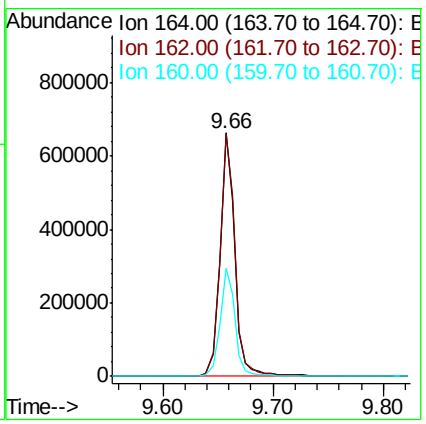


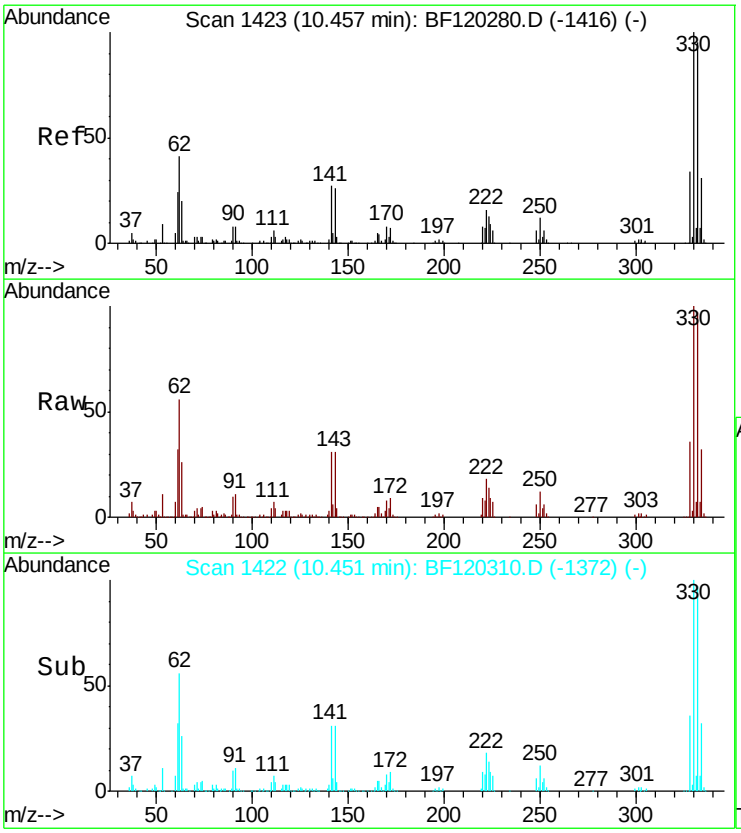
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF120310.D
Acq: 15 May 2020 00:13

Instrument :
BNA_F
ClientSampleId :
CHASSIS-WASH

Tgt Ion:164 Resp: 619001

Ion	Ratio	Lower	Upper
164	100		
162	99.8	81.2	121.8
160	44.6	35.8	53.6

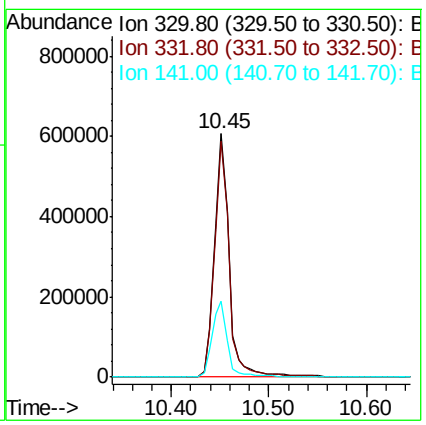


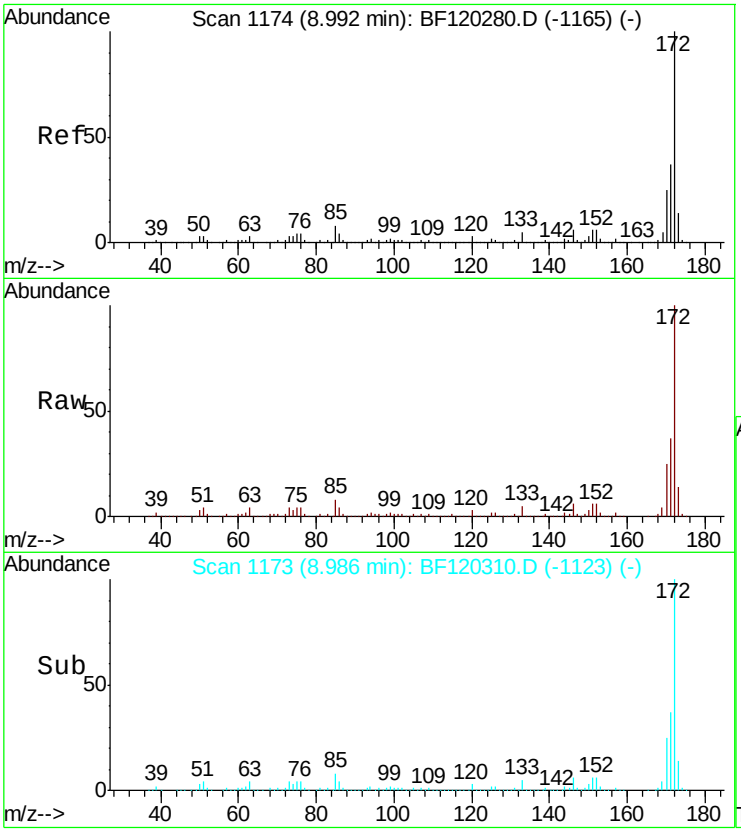


#42
2,4,6-Tribromophenol
Concen: 126.536 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF120310.D
Acq: 15 May 2020 00:13

Tgt Ion:330 Resp: 638626

Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.5	114.7
141	32.8	25.4	38.0



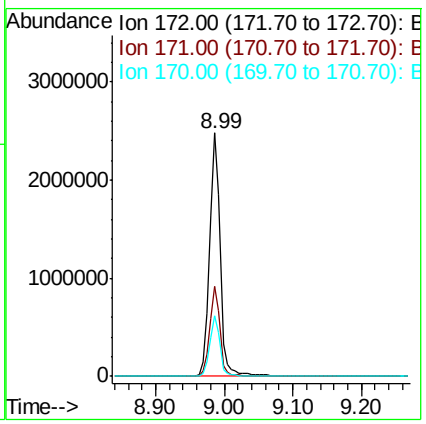


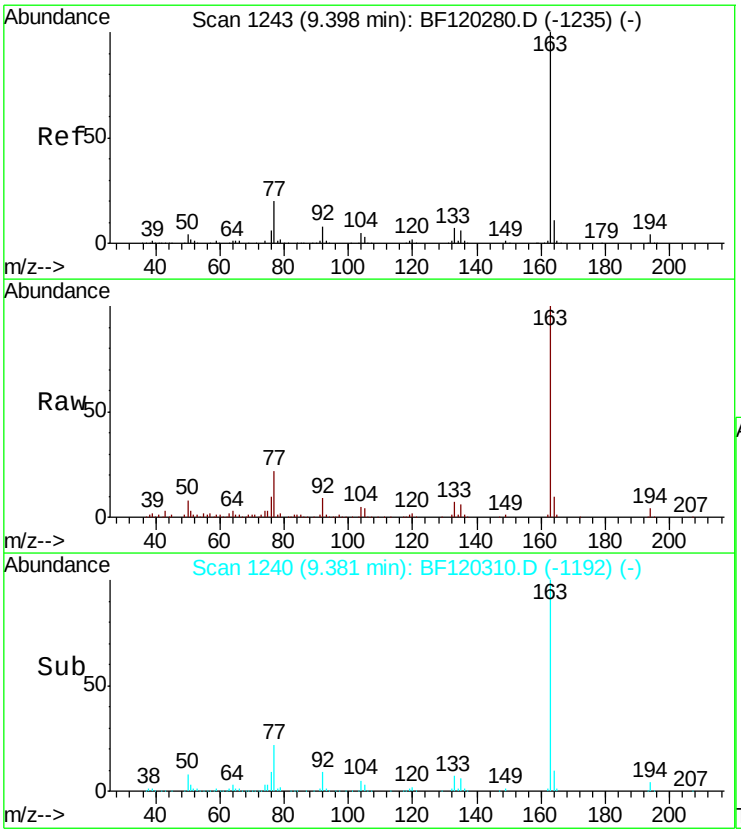
#45
2-Fluorobiphenyl
Concen: 89.003 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF120310.D
Acq: 15 May 2020 00:13

Instrument :
BNA_F
ClientSampleId :
CHASSIS-WASH

Tgt Ion:172 Resp: 2681612

Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.7	44.5
170	24.7	19.9	29.9

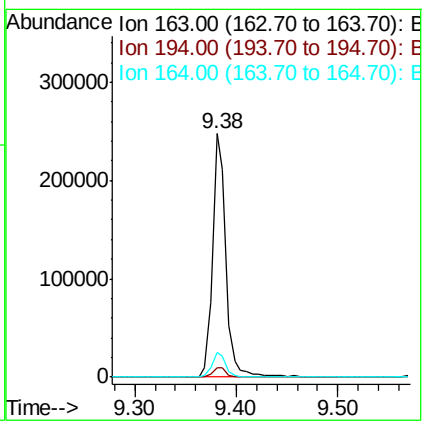


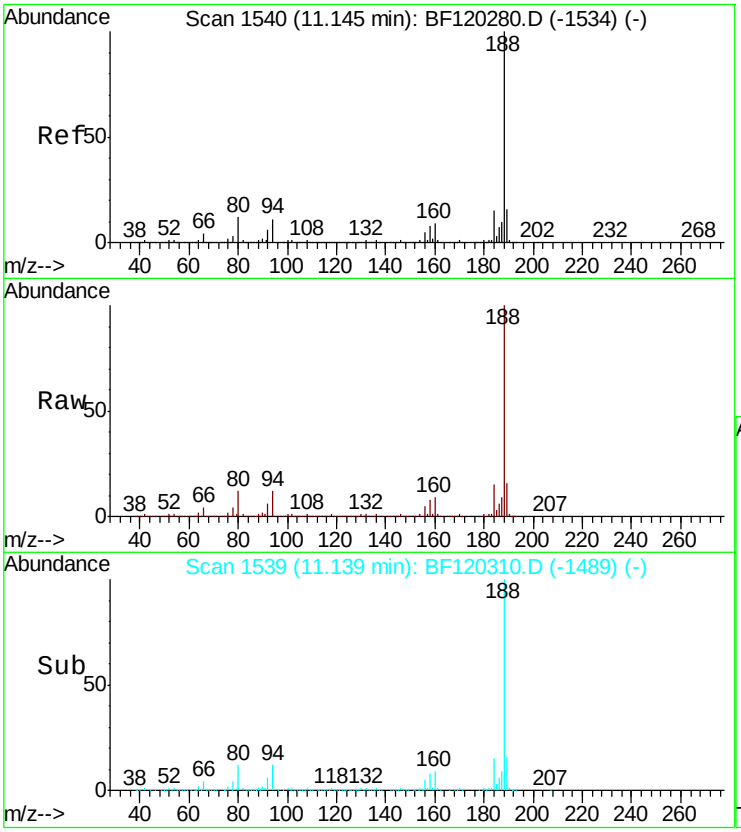


#50
Dimethylphthalate
Concen: 5.809 ng
RT: 9.38 min Scan# 1240
Delta R.T. -0.02 min
Lab File: BF120310.D
Acq: 15 May 2020 00:13

Tgt Ion:163 Resp: 227311

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.1	4.7
164	10.0	8.6	12.8



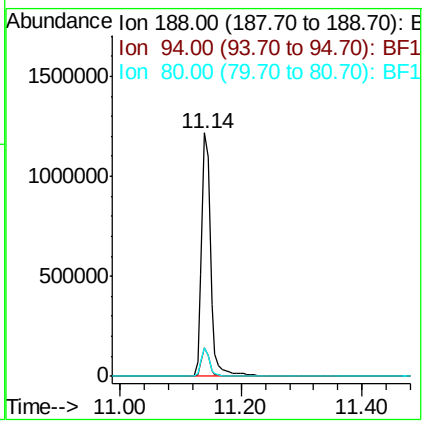


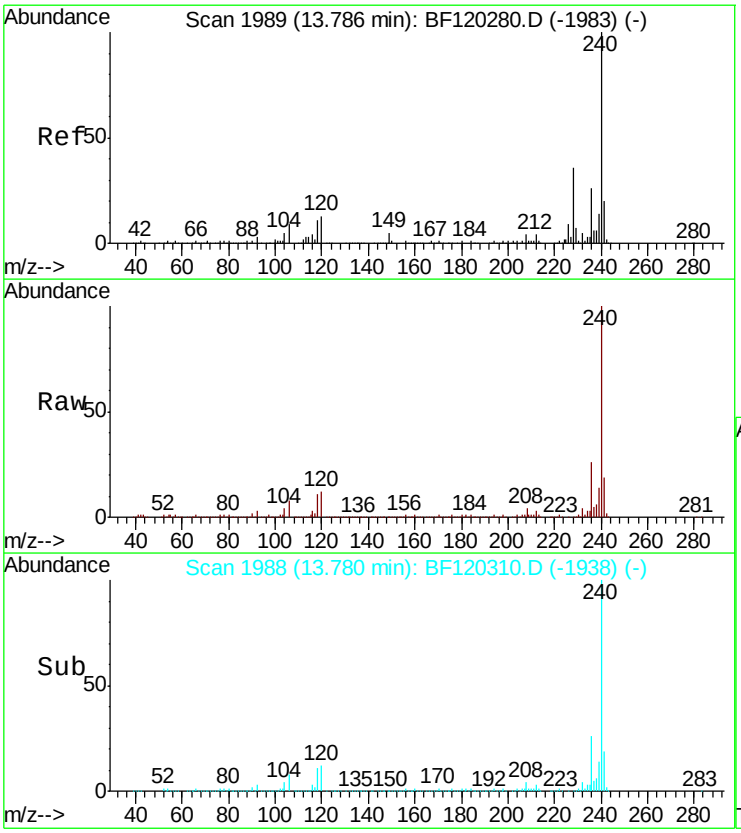
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.14 min Scan# 1539
Delta R.T. -0.01 min
Lab File: BF120310.D
Acq: 15 May 2020 00:13

Instrument :
BNA_F
ClientSampleId :
CHASSIS-WASH

Tgt Ion:188 Resp: 1279080

Ion	Ratio	Lower	Upper
188	100		
94	11.7	8.6	13.0
80	11.7	9.2	13.8

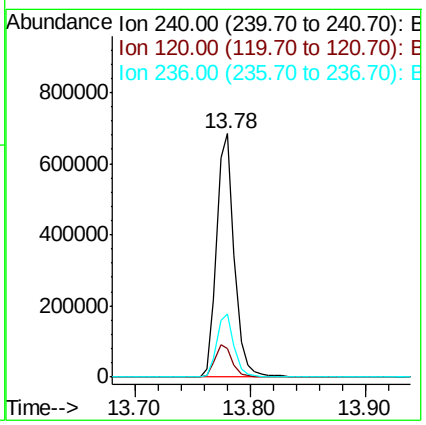


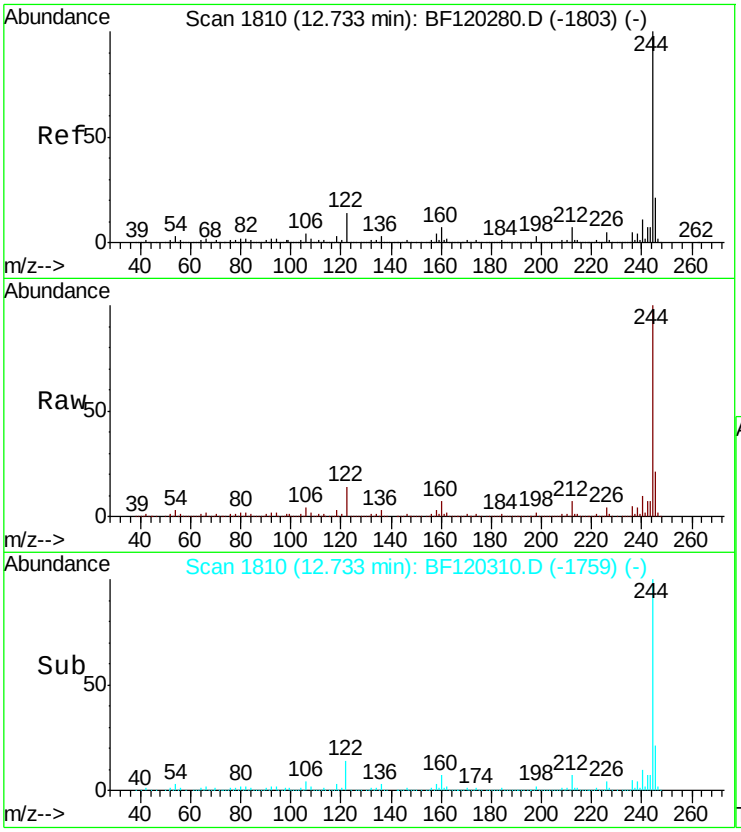


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.78 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BF120310.D
Acq: 15 May 2020 00:13

Tgt Ion:240 Resp: 728596

Ion	Ratio	Lower	Upper
240	100		
120	11.8	10.4	15.6
236	26.0	21.0	31.6



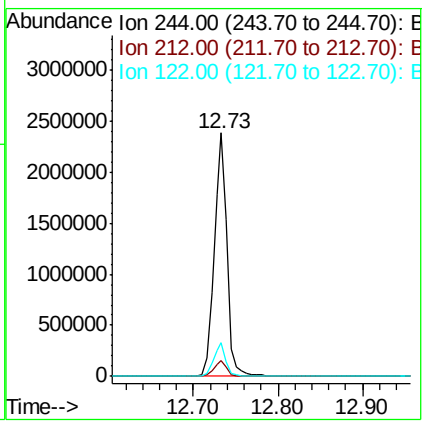


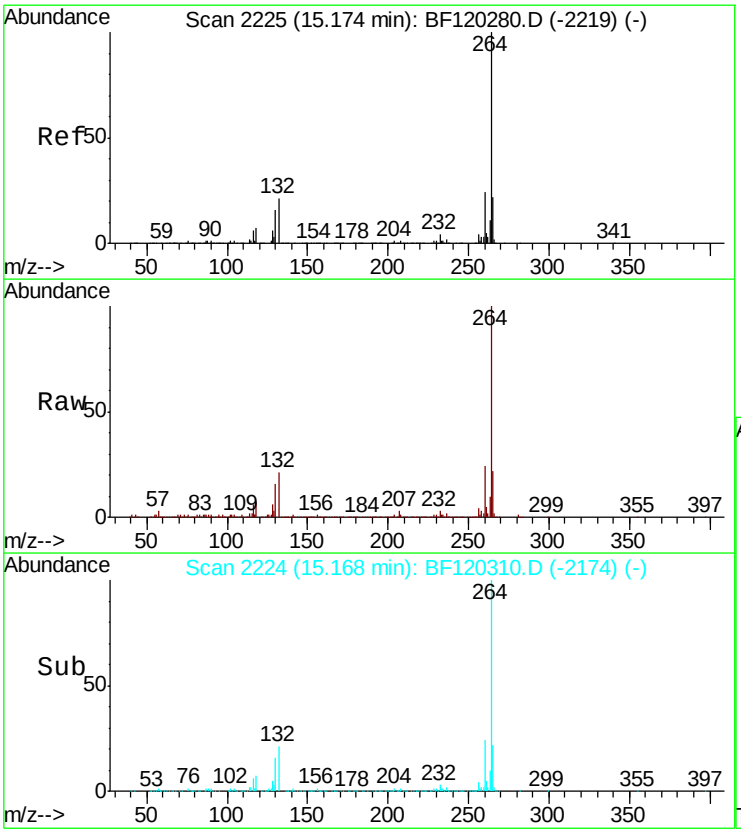
#79
Terphenyl-d14
Concen: 77.814 ng
RT: 12.73 min Scan# 1810
Delta R.T. 0.00 min
Lab File: BF120310.D
Acq: 15 May 2020 00:13

Instrument :
BNA_F
ClientSampleId :
CHASSIS-WASH

Tgt Ion:244 Resp: 2566310

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.6
122	13.7	10.8	16.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BF120310.D
Acq: 15 May 2020 00:13

Tgt Ion:264 Resp: 537226

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.0	28.6
265	21.9	17.5	26.3