Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091420\
Data File : BF121563.D
Acq On : 14 Sep 2020 16:32
Operator : JU/CG
Sample : L3993-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-B38-091120-0-10

Quant Time: Sep 14 17:21:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 10 16:47:54 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	198437	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	777657	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	394300	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	751407	20.00	ng	0.00
76) Chrysene-d12	13.99	240	556779	20.00	ng	0.00
86) Perylene-d12	15.44	264	444833	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1136850	85.14	ng	0.02
7) Phenol-d6	6.48	99	1285713	73.39	ng	0.02
23) Nitrobenzene-d5	7.40	82	1173686	81.03	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	543137	110.83	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1952357	74.99	ng	0.00
79) Terphenyl-d14	12.94	244	2181315	79.37	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.49	94	51929	2.784	ng	96
50) Dimethylphthalate	9.59	163	347734	12.168	ng	99

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

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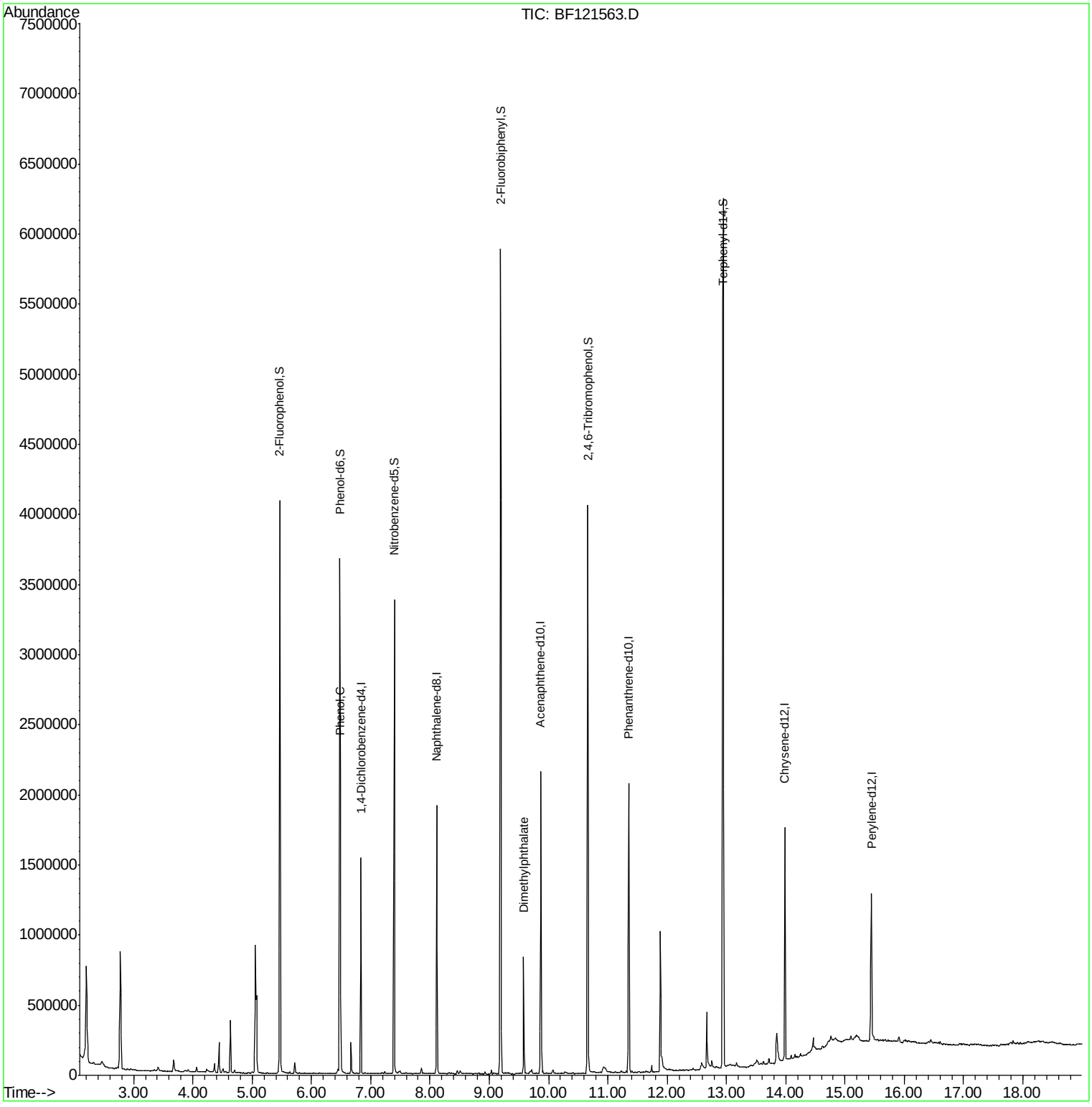
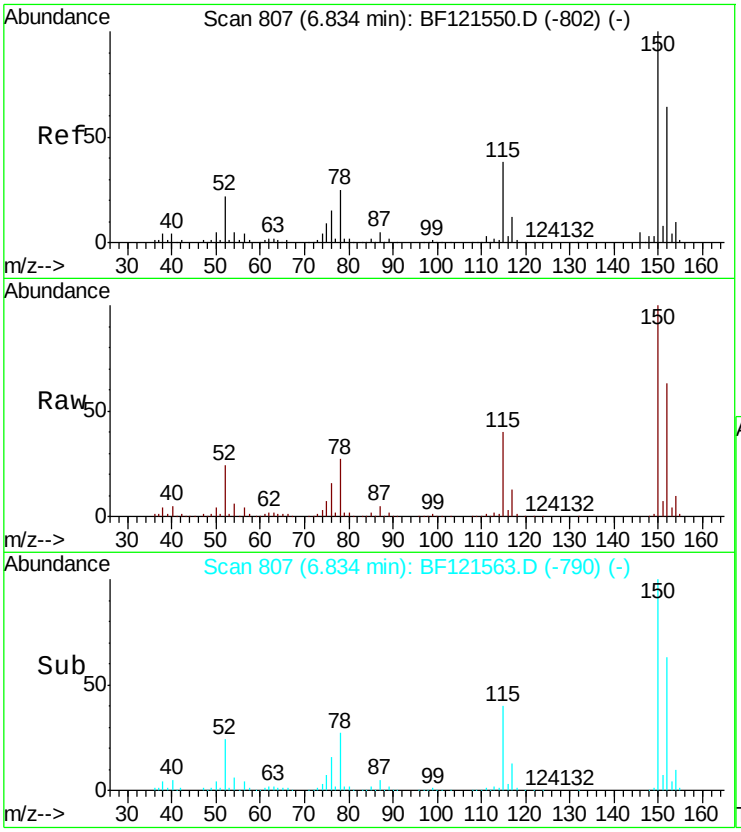
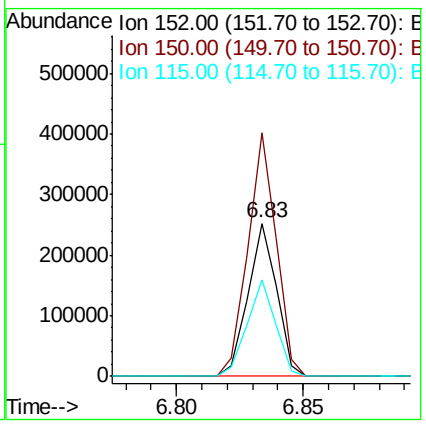




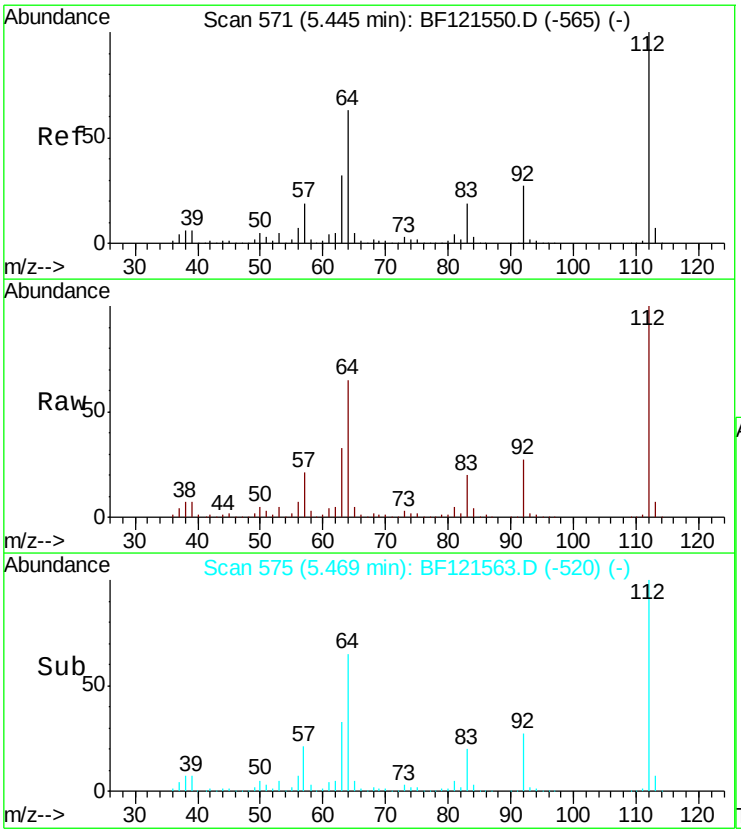
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF121563.D
Acq: 14 Sep 2020 16:32

Tgt Ion:152 Resp: 198437

Ion	Ratio	Lower	Upper
152	100		
150	159.4	125.8	188.6
115	63.4	47.8	71.8



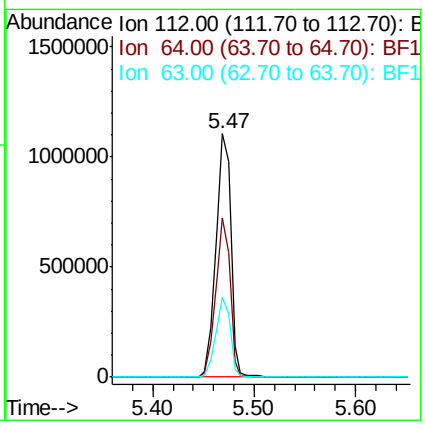
Instrument :
BNA_F
ClientSampleId :
PAV-B38-091120-0-10

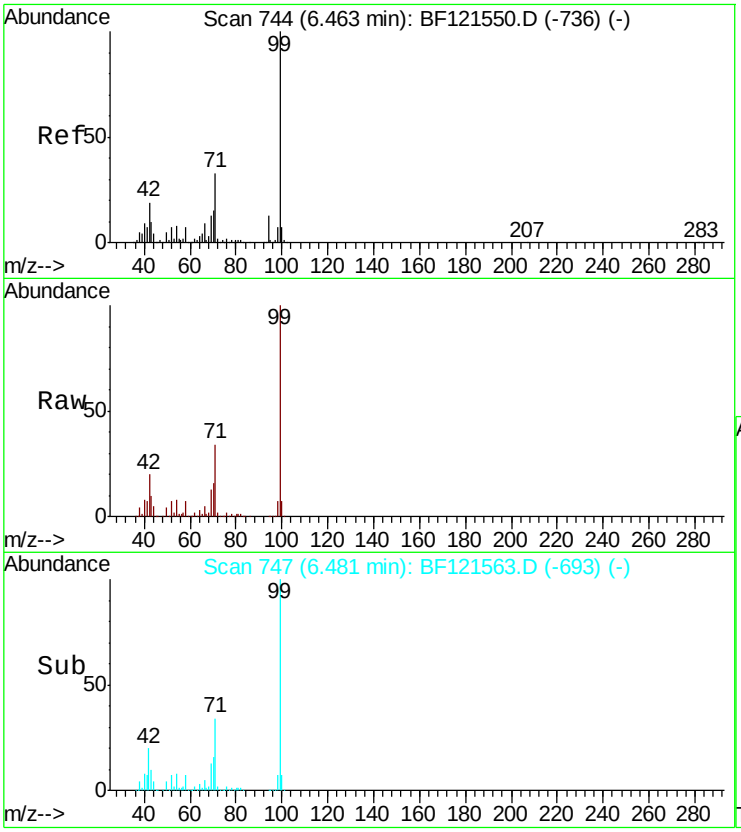


#5
2-Fluorophenol
Concen: 85.140 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.02 min
Lab File: BF121563.D
Acq: 14 Sep 2020 16:32

Tgt Ion:112 Resp: 1136850

Ion	Ratio	Lower	Upper
112	100		
64	65.3	50.3	75.5
63	32.9	25.6	38.4



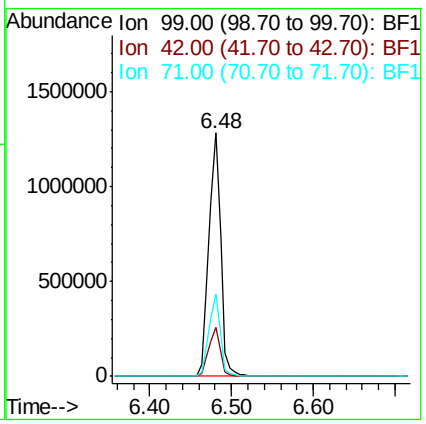


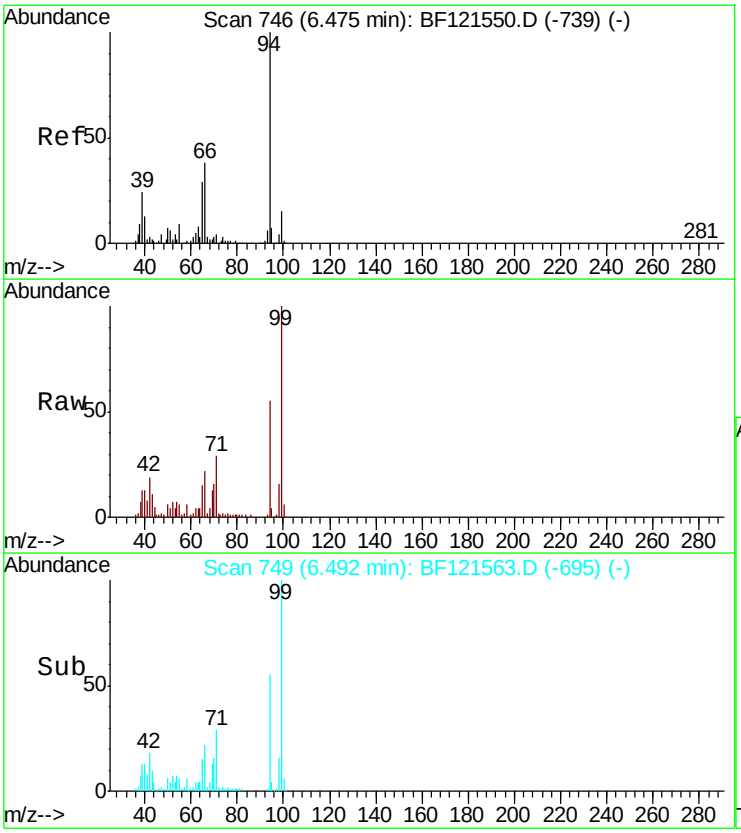
#7
Phenol-d6
Concen: 73.394 ng
RT: 6.48 min Scan# 747
Delta R.T. 0.02 min
Lab File: BF121563.D
Acq: 14 Sep 2020 16:32

Instrument :
BNA_F
ClientSampleId :
PAV-B38-091120-0-10

Tgt Ion: 99 Resp: 1285713

Ion	Ratio	Lower	Upper
99	100		
42	20.1	15.5	23.3
71	33.7	26.1	39.1

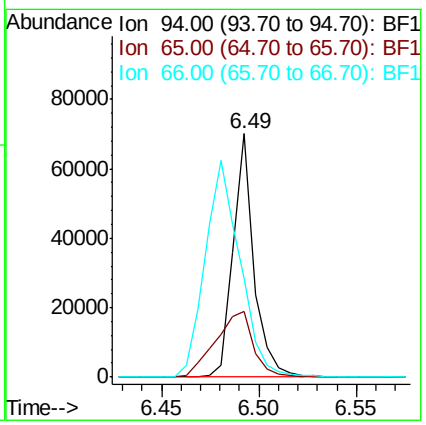


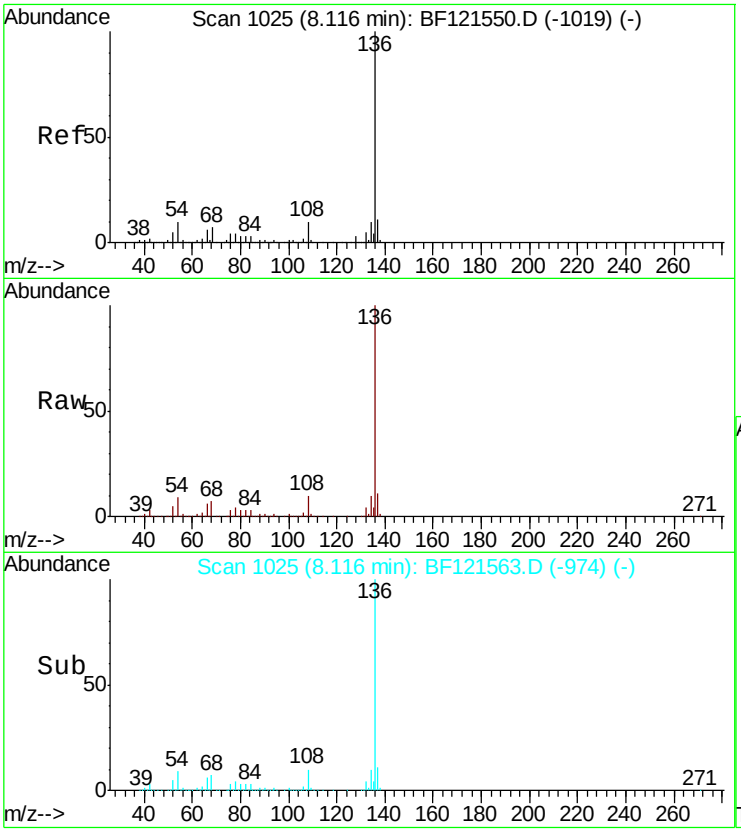


#10
Phenol
Concen: 2.784 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.02 min
Lab File: BF121563.D
Acq: 14 Sep 2020 16:32

Tgt Ion: 94 Resp: 51929

Ion	Ratio	Lower	Upper
94	100		
65	27.2	9.4	49.4
66	40.5	18.3	58.3



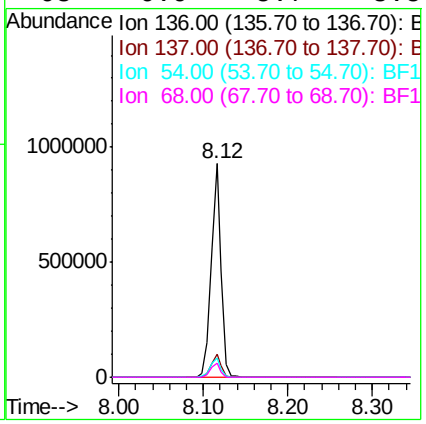


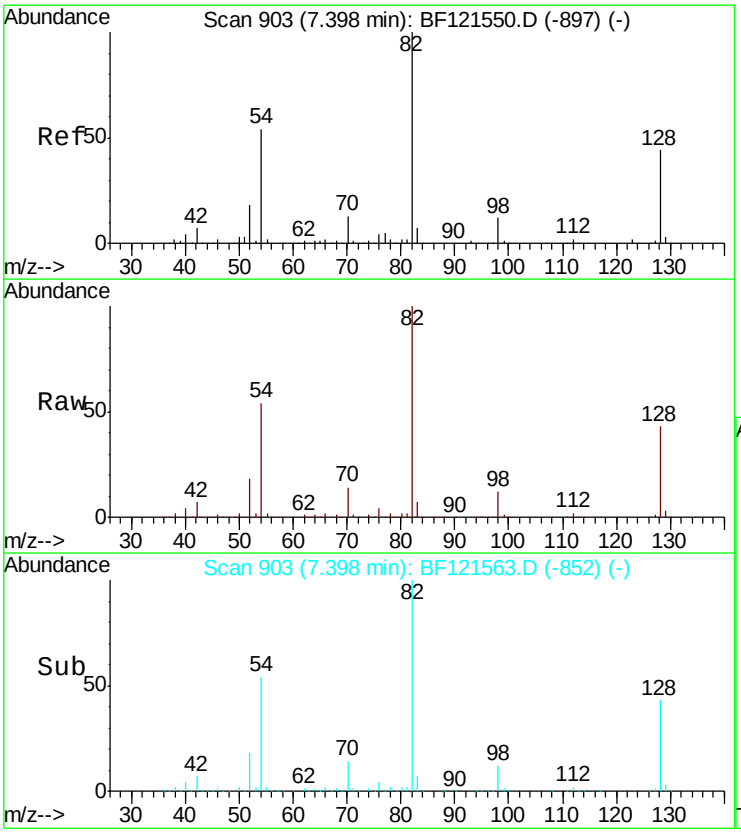
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BF121563.D
Acq: 14 Sep 2020 16:32

Instrument :
BNA_F
ClientSampleId :
PAV-B38-091120-0-10

Tgt Ion:136 Resp: 777657

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	9.1	7.6	11.4
68	6.9	5.7	8.5

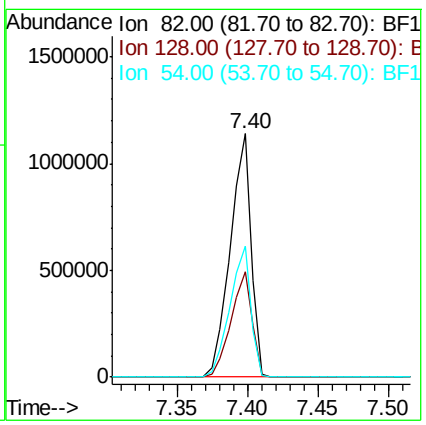


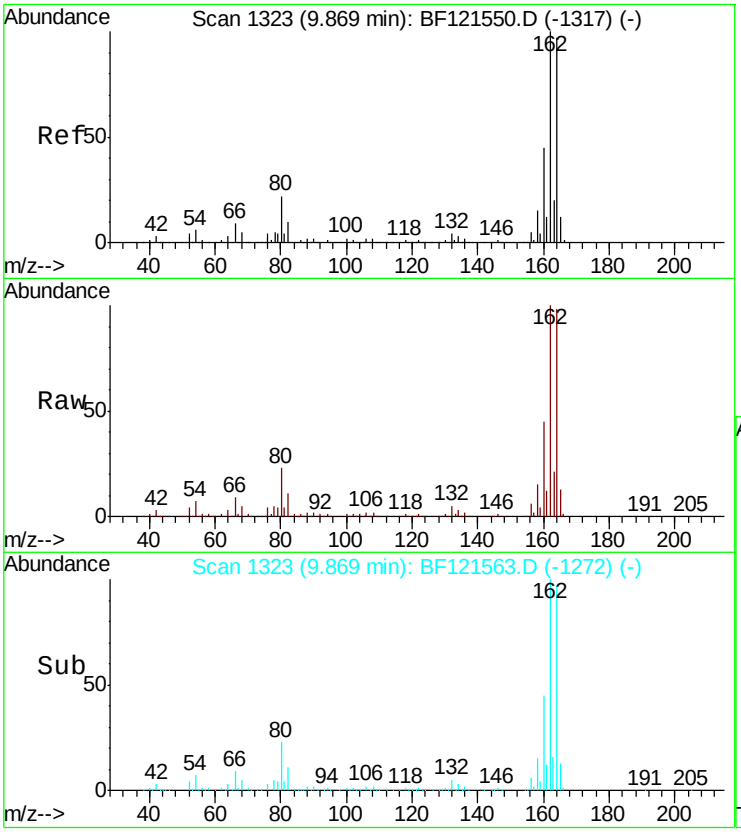


#23
Nitrobenzene-d5
Concen: 81.035 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.00 min
Lab File: BF121563.D
Acq: 14 Sep 2020 16:32

Tgt Ion: 82 Resp: 1173686

Ion	Ratio	Lower	Upper
82	100		
128	43.4	35.1	52.7
54	54.0	43.0	64.6



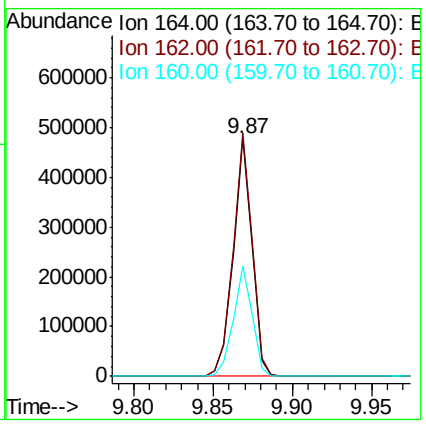


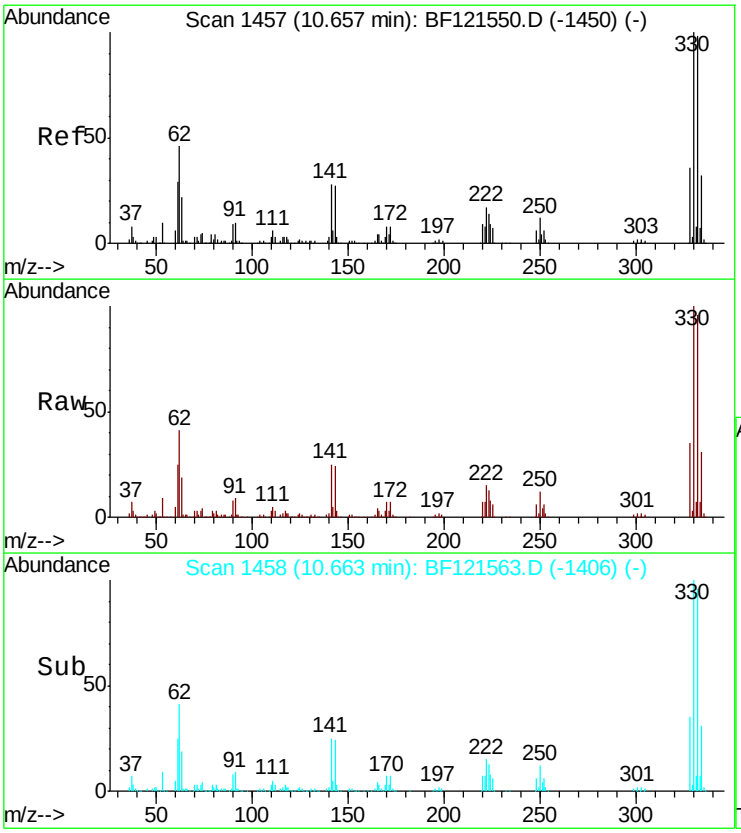
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BF121563.D
Acq: 14 Sep 2020 16:32

Instrument :
BNA_F
ClientSampleId :
PAV-B38-091120-0-10

Tgt Ion:164 Resp: 394300

Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.3	123.5
160	46.3	37.0	55.4

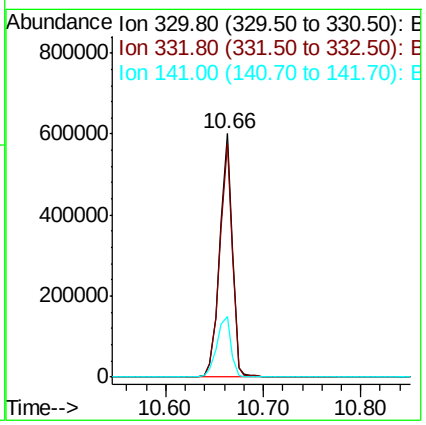


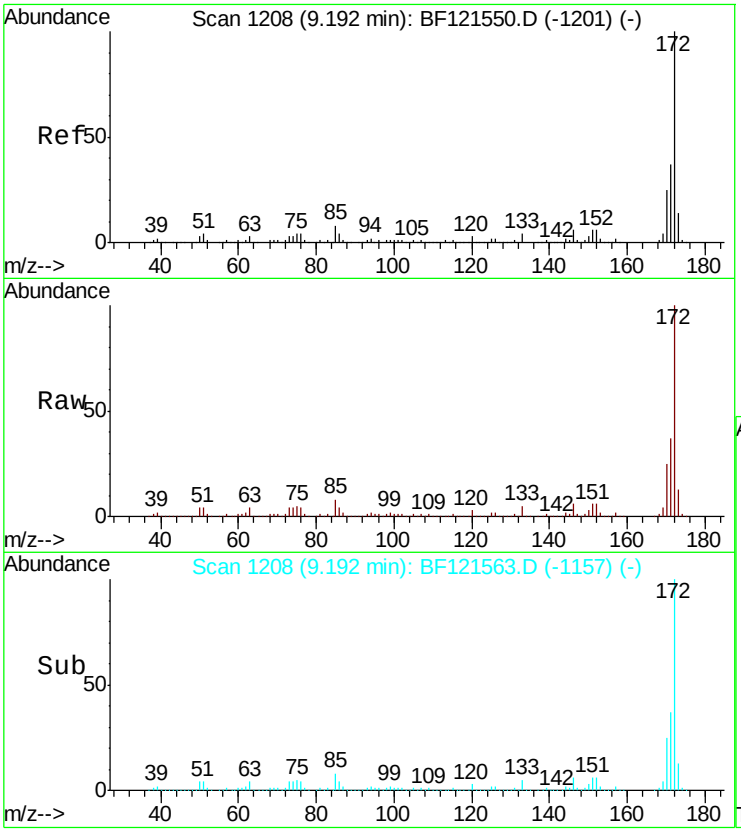


#42
2,4,6-Tribromophenol
Concen: 110.830 ng
RT: 10.66 min Scan# 1458
Delta R.T. 0.01 min
Lab File: BF121563.D
Acq: 14 Sep 2020 16:32

Tgt Ion:330 Resp: 543137

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.1	115.7
141	28.1	23.6	35.4



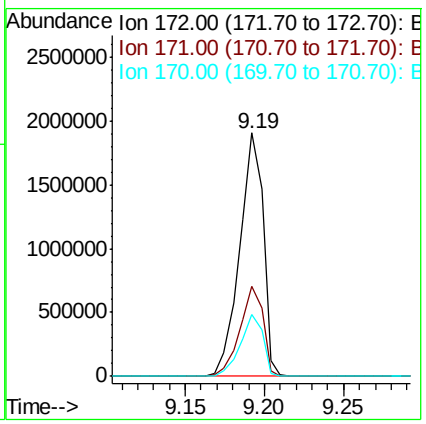


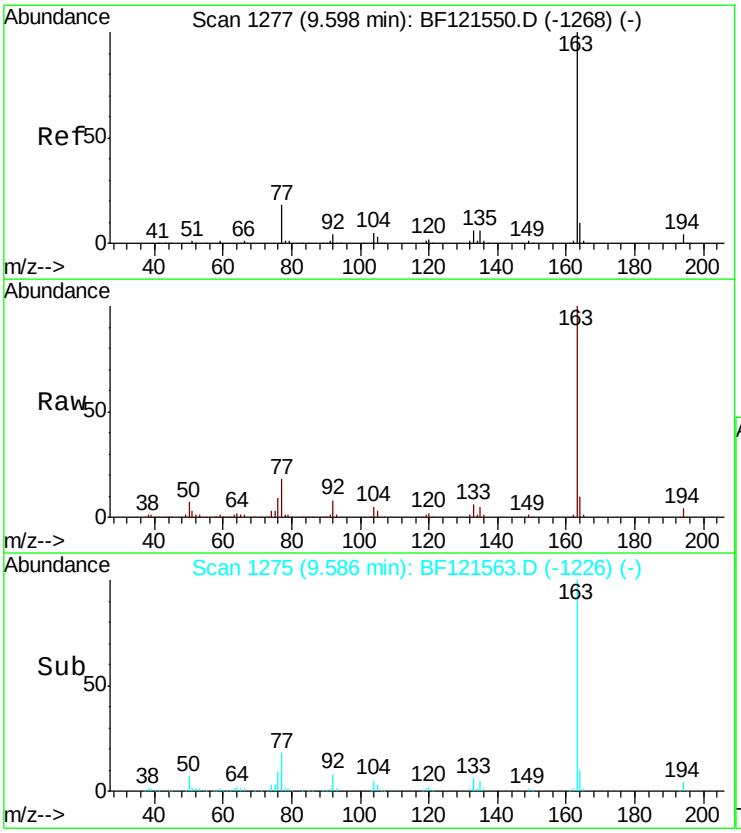
#45
2-Fluorobiphenyl
Concen: 74.991 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BF121563.D
Acq: 14 Sep 2020 16:32

Instrument :
BNA_F
ClientSampleId :
PAV-B38-091120-0-10

Tgt Ion:172 Resp: 1952357

Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.8	44.6
170	25.2	19.8	29.8

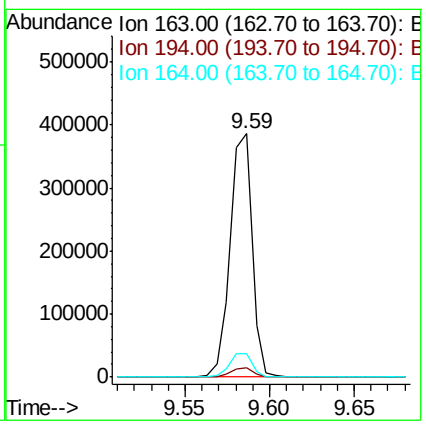


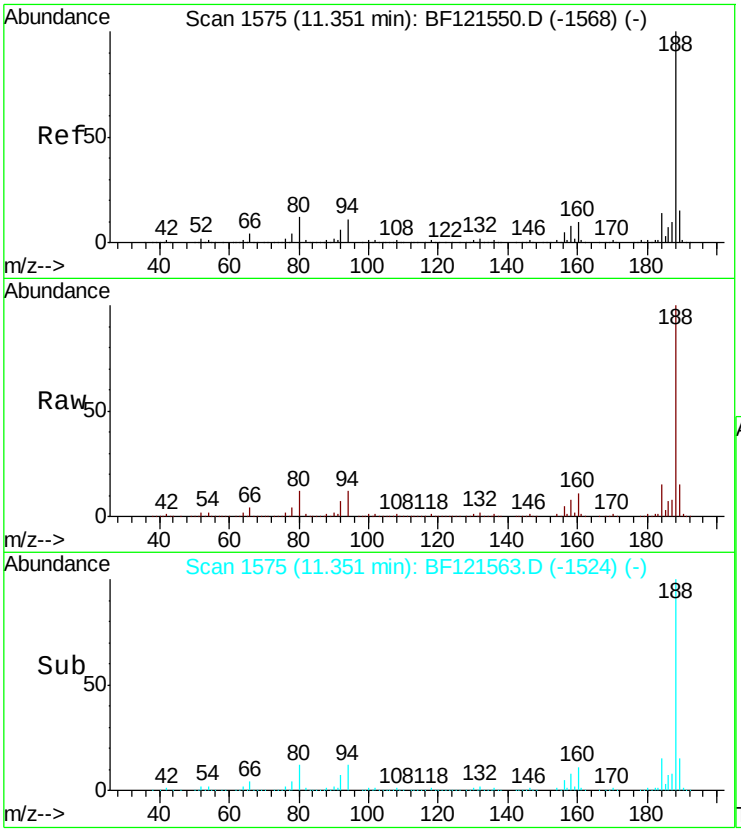


#50
Dimethylphthalate
Concen: 12.168 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BF121563.D
Acq: 14 Sep 2020 16:32

Tgt Ion:163 Resp: 347734

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.4	5.0
164	9.7	7.9	11.9



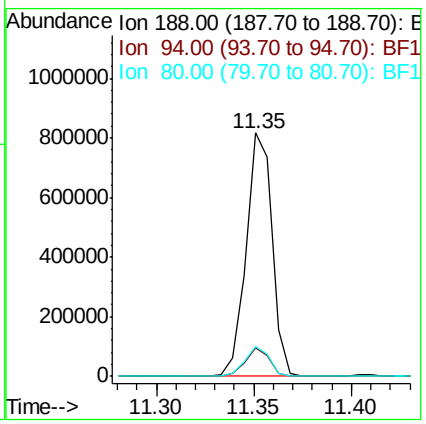


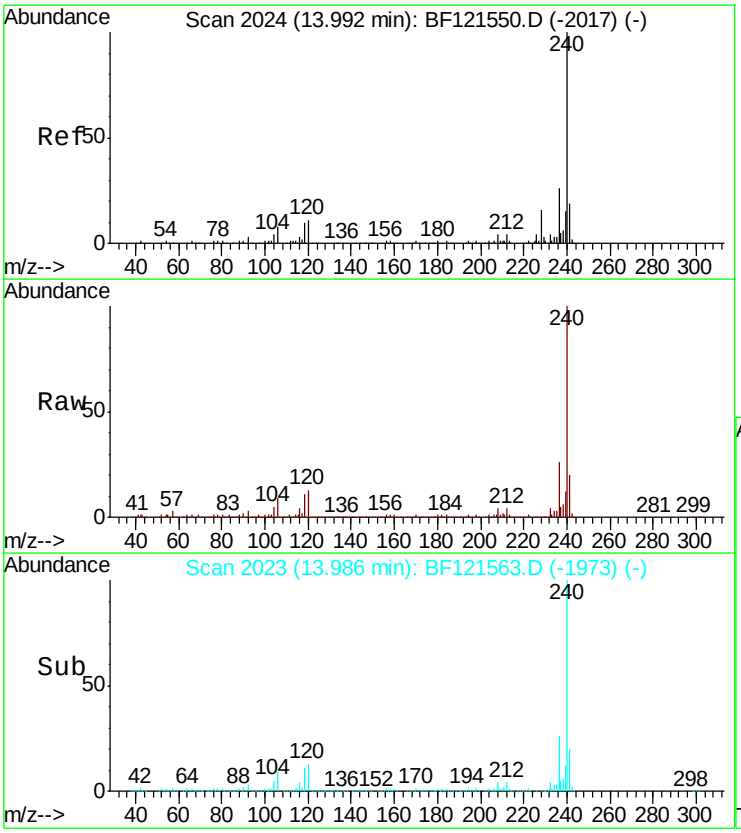
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BF121563.D
Acq: 14 Sep 2020 16:32

Instrument :
BNA_F
ClientSampleId :
PAV-B38-091120-0-10

Tgt Ion:188 Resp: 751407

Ion	Ratio	Lower	Upper
188	100		
94	11.9	8.7	13.1
80	12.5	9.3	13.9

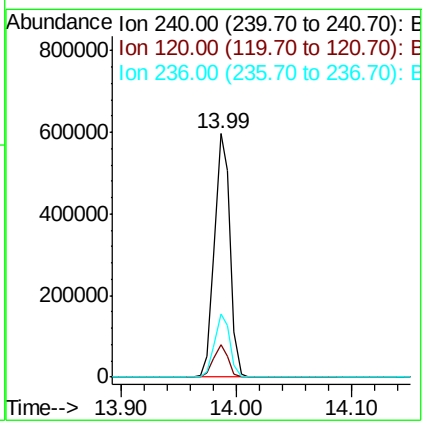


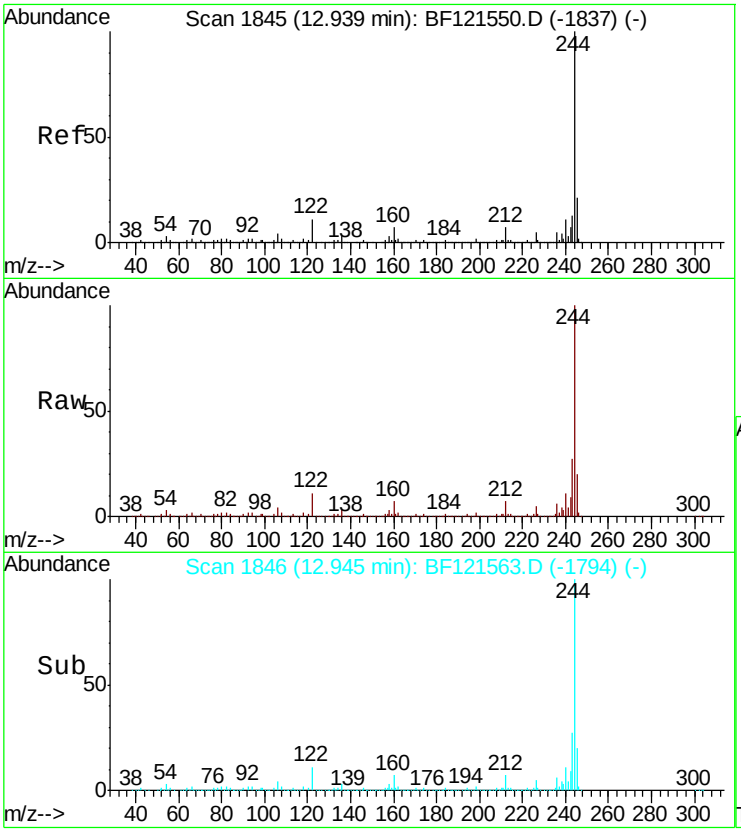


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF121563.D
Acq: 14 Sep 2020 16:32

Tgt Ion:240 Resp: 556779

Ion	Ratio	Lower	Upper
240	100		
120	13.2	9.2	13.8
236	26.1	20.5	30.7



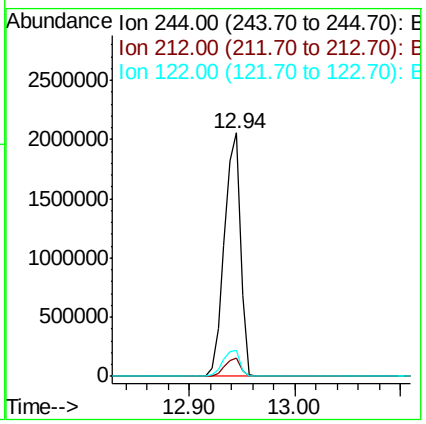


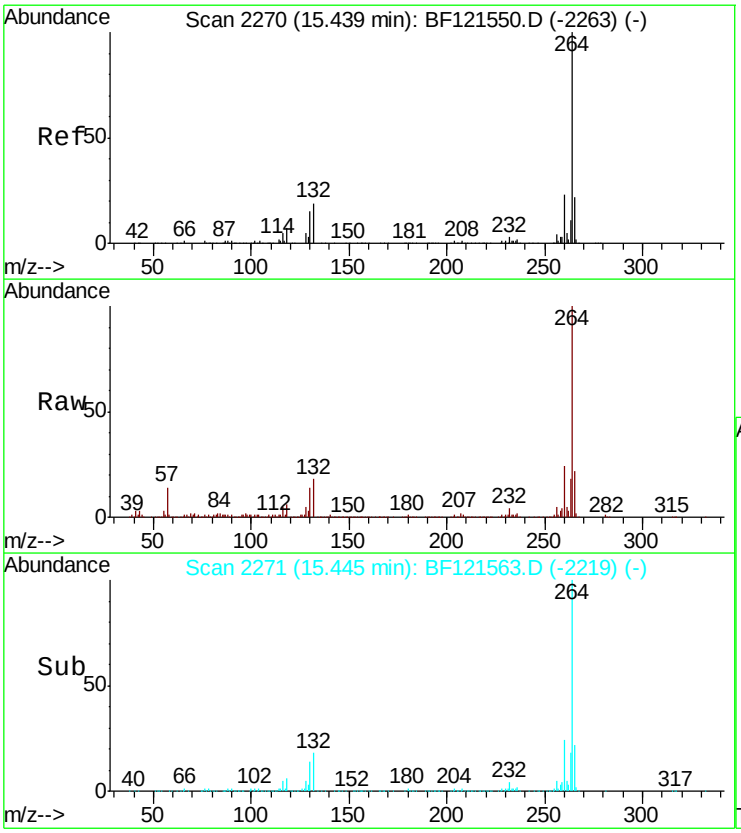
#79
Terphenyl-d14
Concen: 79.370 ng
RT: 12.94 min Scan# 1846
Delta R.T. 0.01 min
Lab File: BF121563.D
Acq: 14 Sep 2020 16:32

Instrument :
BNA_F
ClientSampleId :
PAV-B38-091120-0-10

Tgt Ion:244 Resp: 2181315

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.7	8.5
122	10.6	8.7	13.1





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BF121563.D
Acq: 14 Sep 2020 16:32

Tgt Ion:264 Resp: 444833

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.8	28.2
265	21.6	17.8	26.6