Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041520\
Data File : BF119987.D
Acq On : 15 Apr 2020 12:19
Operator : MA/SJ
Sample : PB128205BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB128205BL

Quant Time: Apr 15 14:19:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 15 11:01:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	182842	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	719011	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	382396	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	768156	20.00	ng	0.00
76) Chrysene-d12	13.89	240	624164	20.00	ng	-0.01
87) Perylene-d12	15.31	264	548129	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1499443	141.72	ng	0.00
7) Phenol-d6	6.36	99	1900601	139.41	ng	0.00
23) Nitrobenzene-d5	7.29	82	1199095	86.28	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	560787	119.78	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	2287242	84.92	ng	0.00
79) Terphenyl-d14	12.85	244	2735353	73.74	ng	0.00
Target Compounds						Qvalue

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

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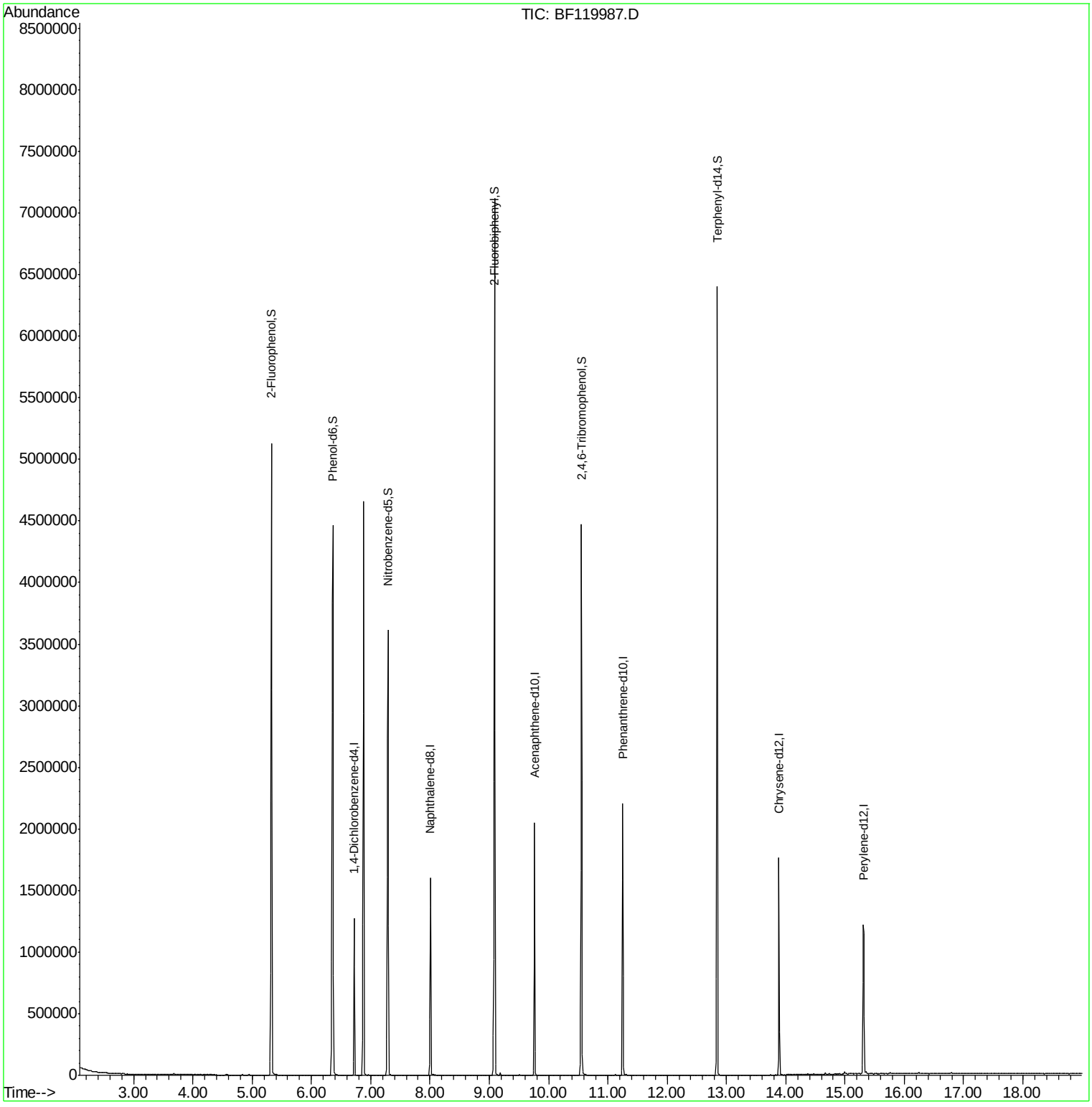
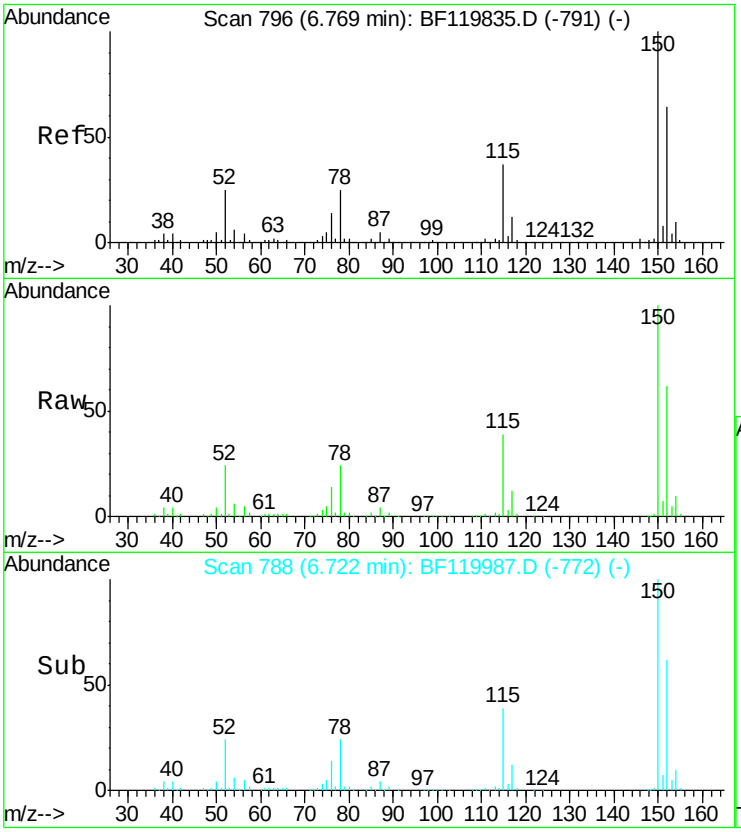


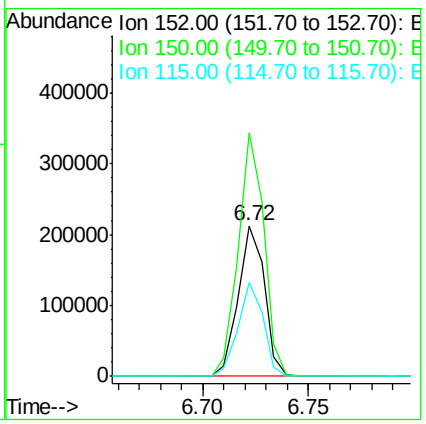


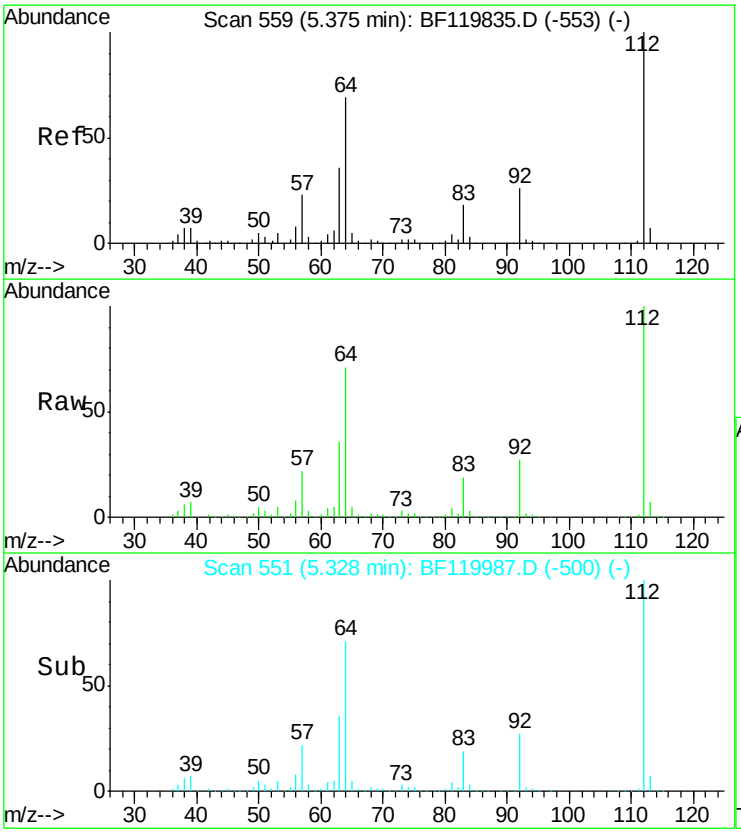
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF119987.D
Acq: 15 Apr 2020 12:19

Instrument :
BNA_F
ClientSampleId :
PB128205BL

Tgt Ion:152 Resp: 182842

Ion	Ratio	Lower	Upper
152	100		
150	161.5	124.8	187.2
115	62.3	46.5	69.7

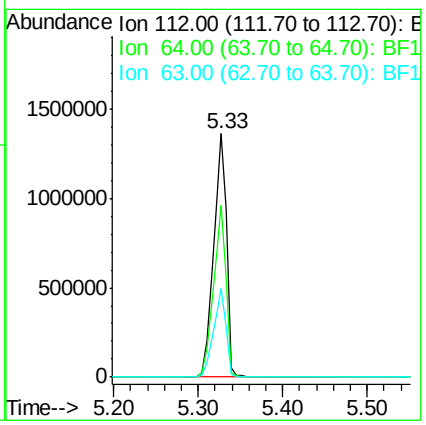


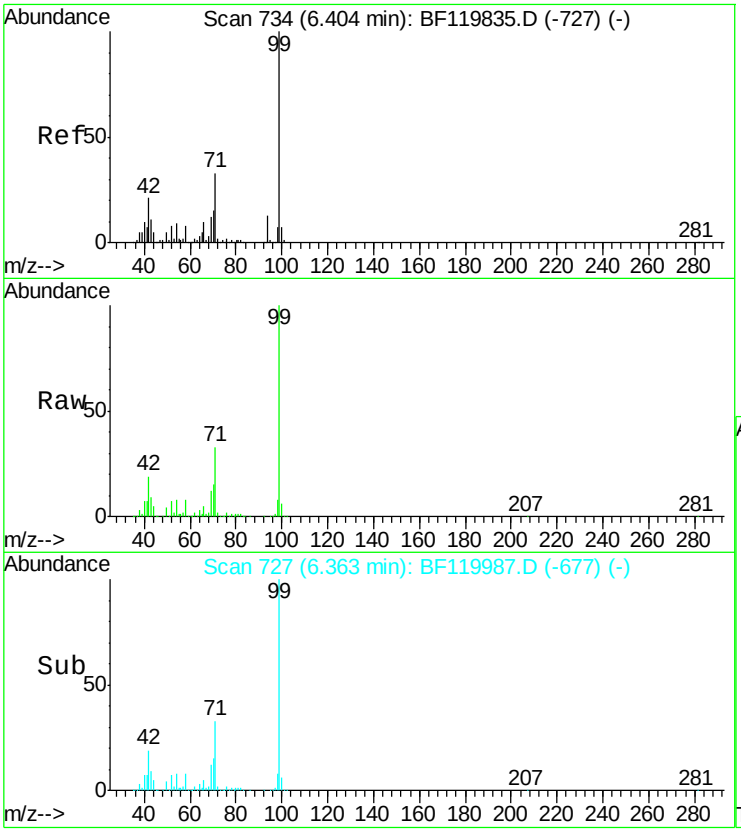


#5
2-Fluorophenol
Concen: 141.724 ng
RT: 5.33 min Scan# 551
Delta R.T. -0.00 min
Lab File: BF119987.D
Acq: 15 Apr 2020 12:19

Tgt Ion:112 Resp: 1499443

Ion	Ratio	Lower	Upper
112	100		
64	70.5	55.5	83.3
63	36.2	29.1	43.7



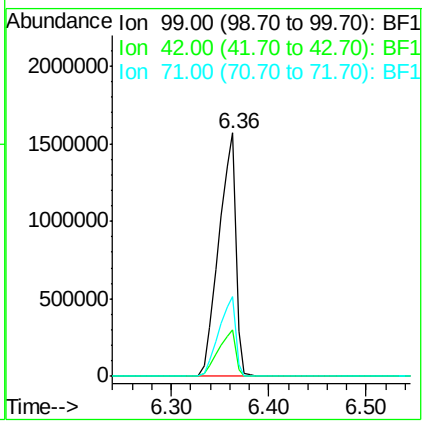


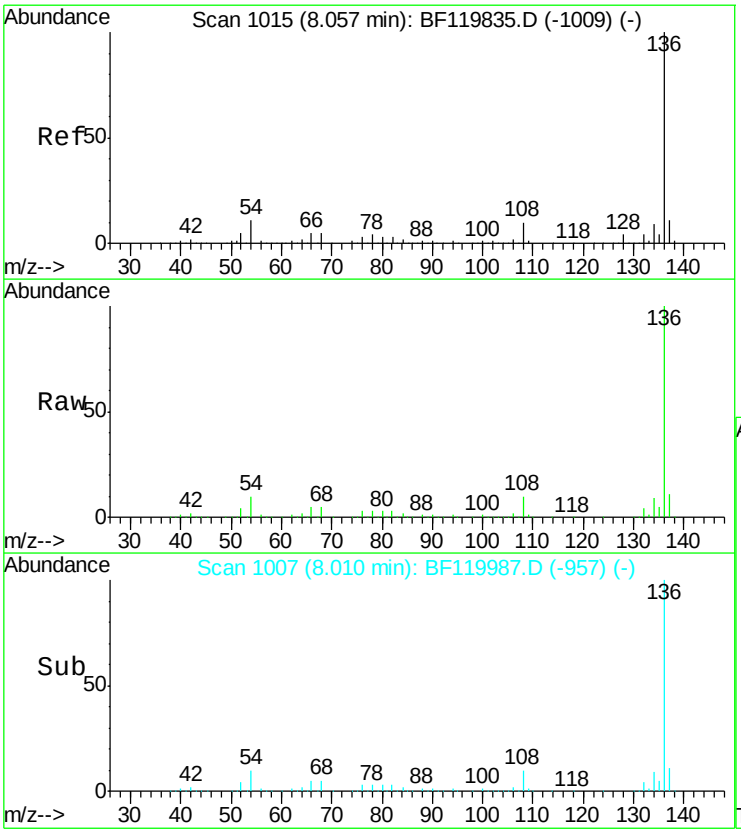
#7
Phenol-d6
Concen: 139.413 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF119987.D
Acq: 15 Apr 2020 12:19

Instrument :
BNA_F
ClientSampleId :
PB128205BL

Tgt Ion: 99 Resp: 1900601

Ion	Ratio	Lower	Upper
99	100		
42	19.0	16.9	25.3
71	32.7	26.3	39.5

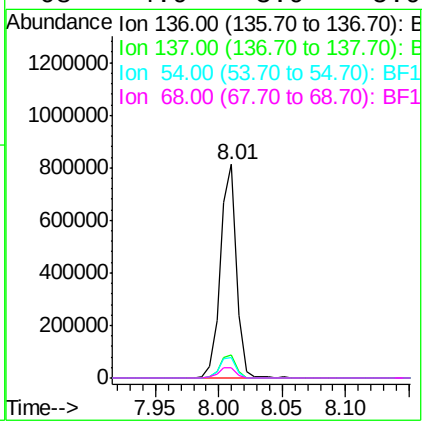


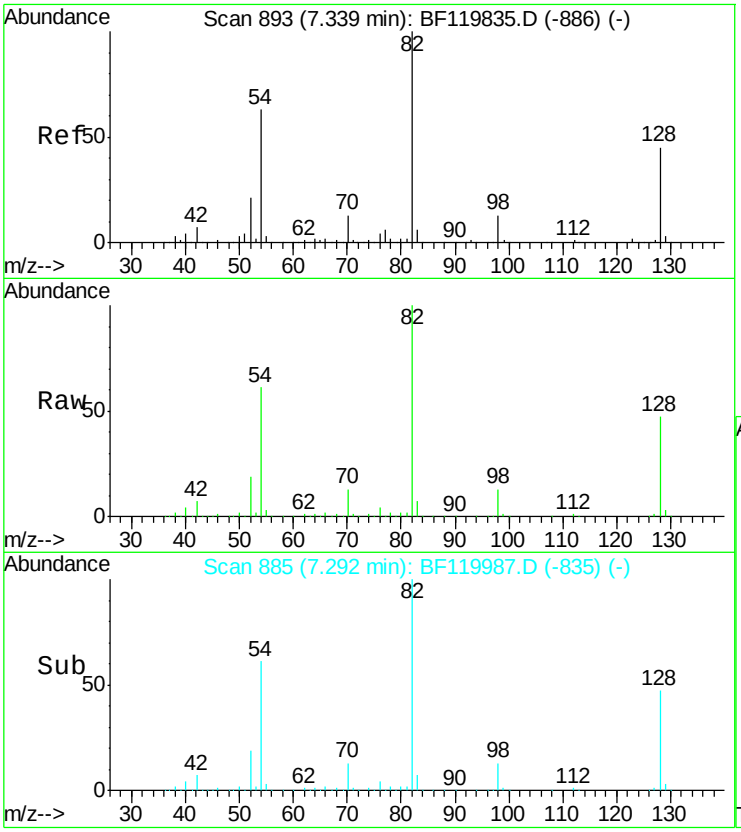


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF119987.D
Acq: 15 Apr 2020 12:19

Tgt Ion:136 Resp: 719011

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	9.6	8.5	12.7
68	4.9	3.9	5.9



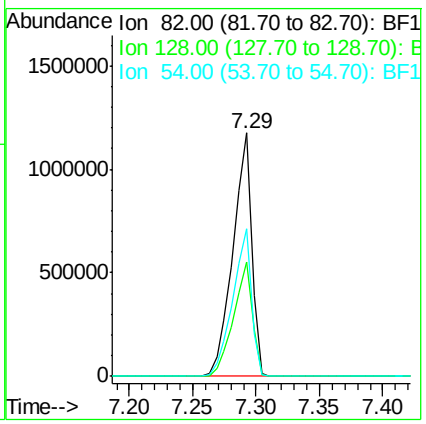


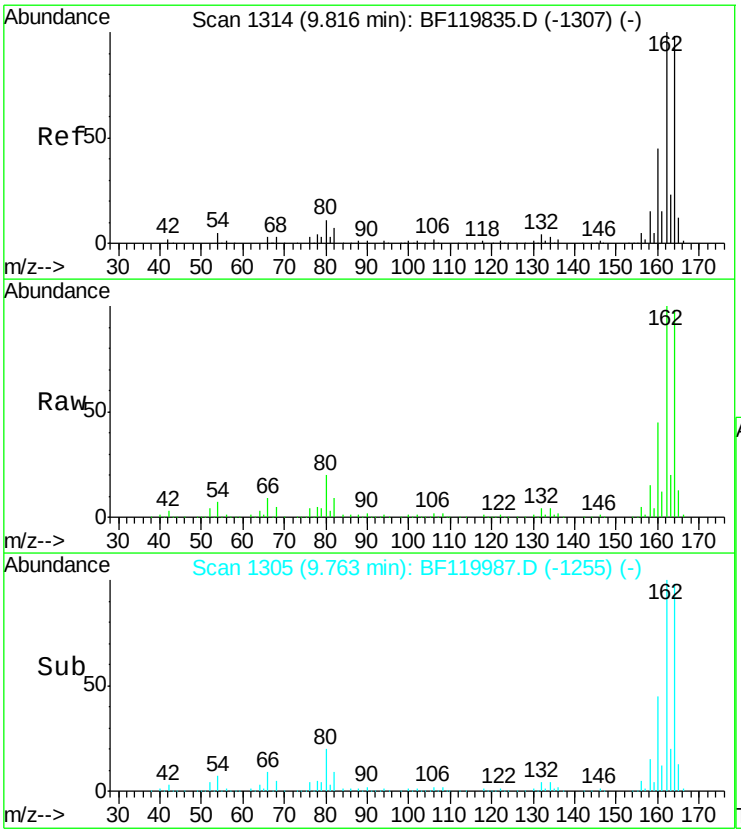
#23
Nitrobenzene-d5
Concen: 86.276 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF119987.D
Acq: 15 Apr 2020 12:19

Instrument :
BNA_F
ClientSampleId :
PB128205BL

Tgt Ion: 82 Resp: 1199095

Ion	Ratio	Lower	Upper
82	100		
128	46.8	36.2	54.4
54	60.8	50.4	75.6

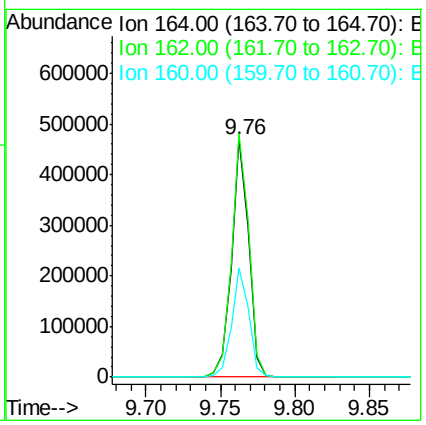


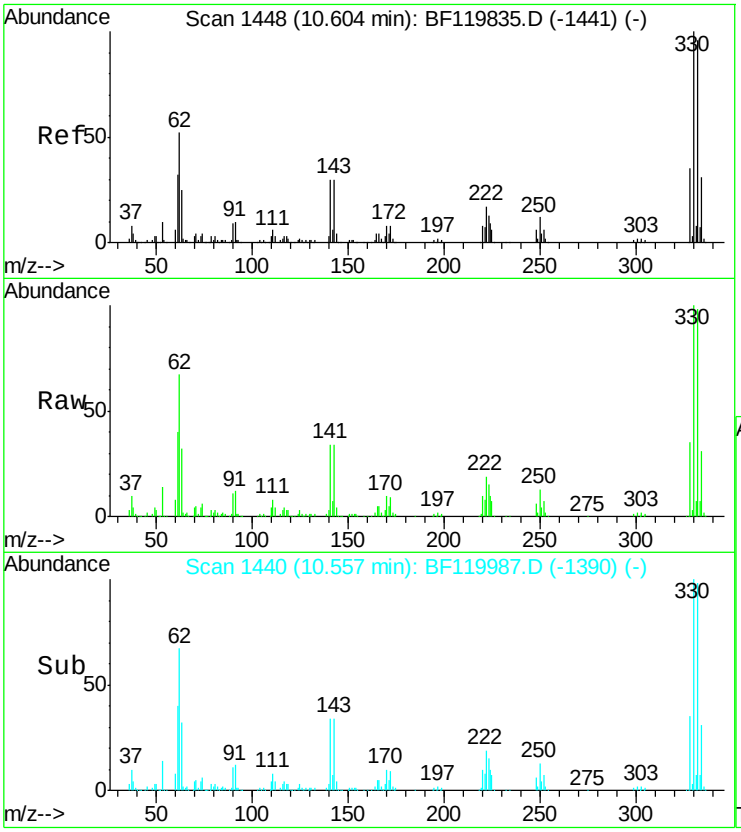


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF119987.D
Acq: 15 Apr 2020 12:19

Tgt Ion:164 Resp: 382396

Ion	Ratio	Lower	Upper
164	100		
162	102.3	81.9	122.9
160	45.8	36.6	54.8



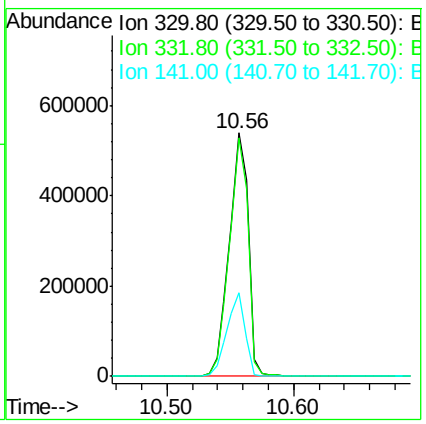


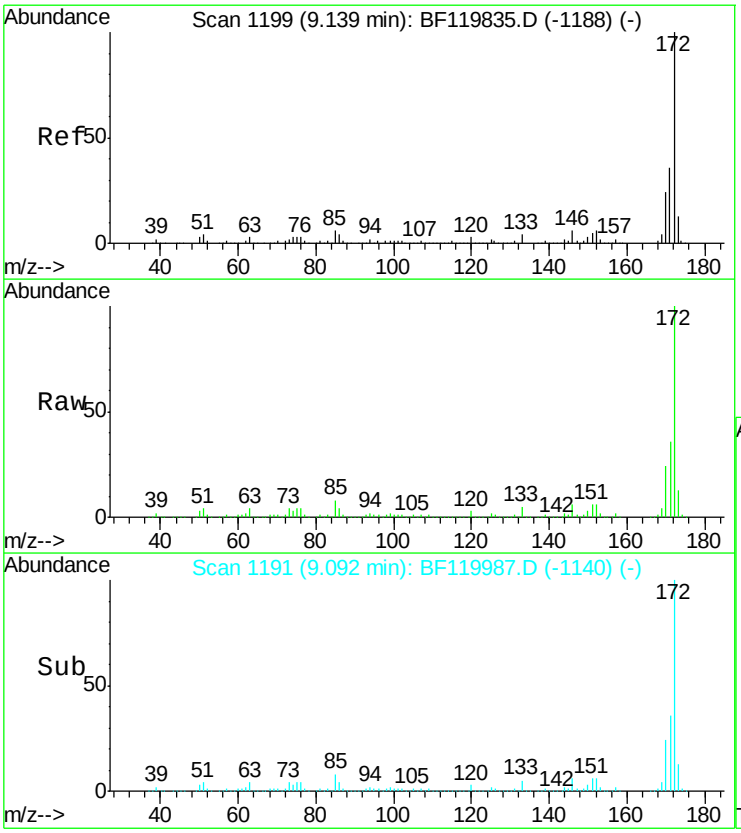
#42
2,4,6-Tribromophenol
Concen: 119.780 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF119987.D
Acq: 15 Apr 2020 12:19

Instrument :
BNA_F
ClientSampleId :
PB128205BL

Tgt Ion:330 Resp: 560787

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.8	115.2
141	32.8	25.1	37.7

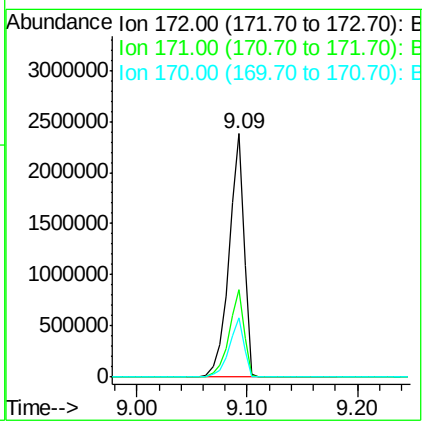


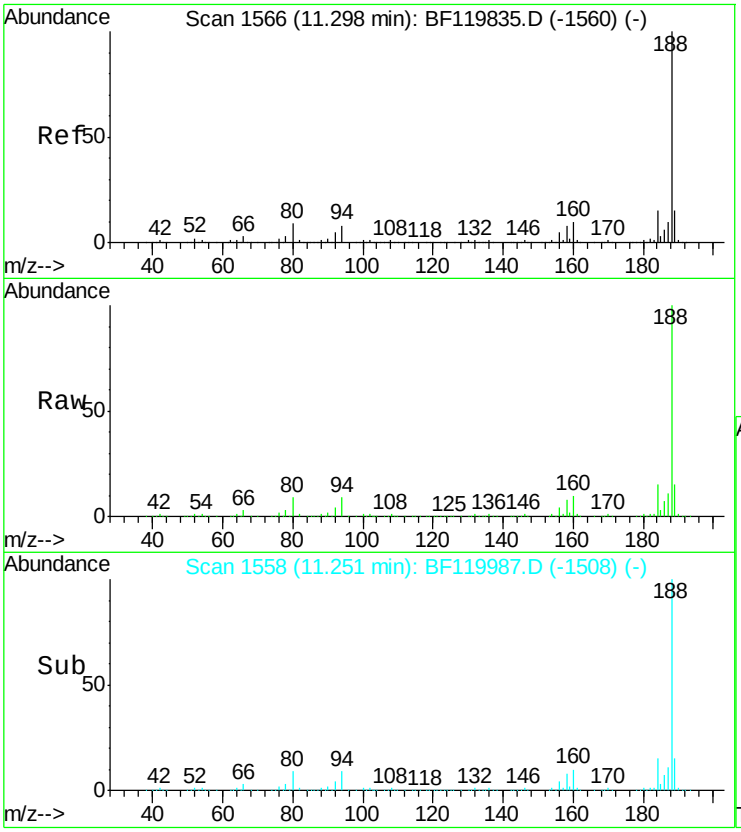


#45
2-Fluorobiphenyl
Concen: 84.922 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BF119987.D
Acq: 15 Apr 2020 12:19

Tgt Ion:172 Resp: 2287242

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.9	43.3
170	24.4	19.4	29.2



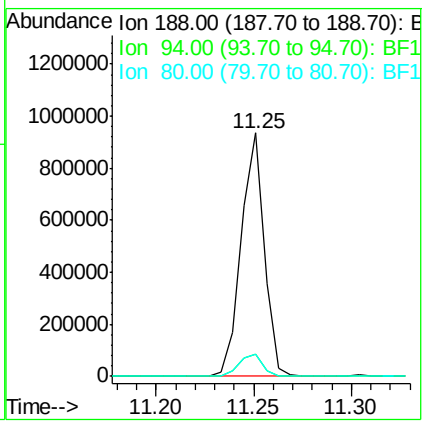


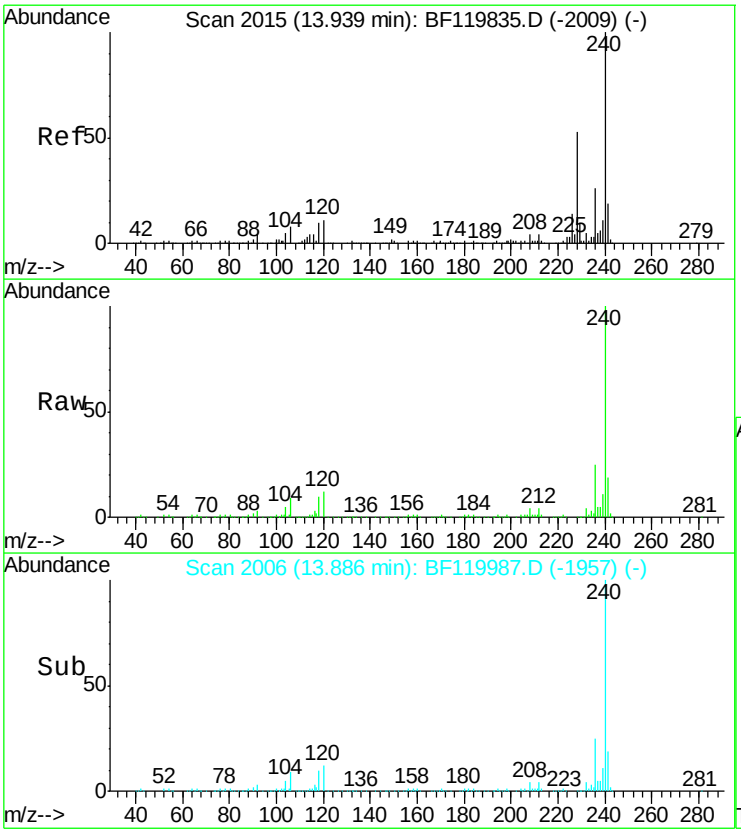
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF119987.D
Acq: 15 Apr 2020 12:19

Instrument :
BNA_F
ClientSampleId :
PB128205BL

Tgt Ion:188 Resp: 768156

Ion	Ratio	Lower	Upper
188	100		
94	8.9	6.7	10.1
80	9.1	7.4	11.2

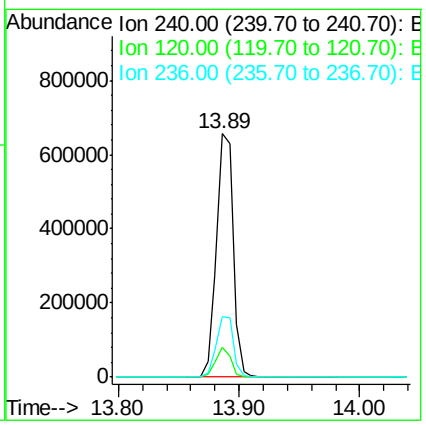


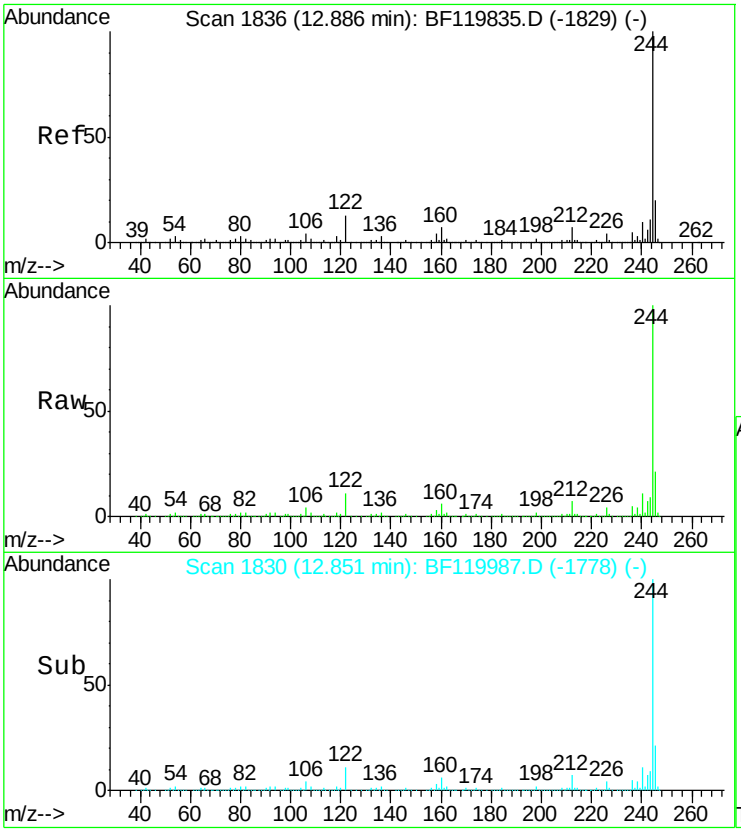


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF119987.D
Acq: 15 Apr 2020 12:19

Tgt Ion:240 Resp: 624164

Ion	Ratio	Lower	Upper
240	100		
120	12.3	9.0	13.6
236	24.9	20.7	31.1



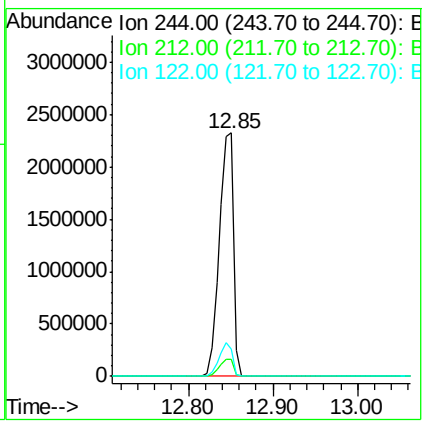


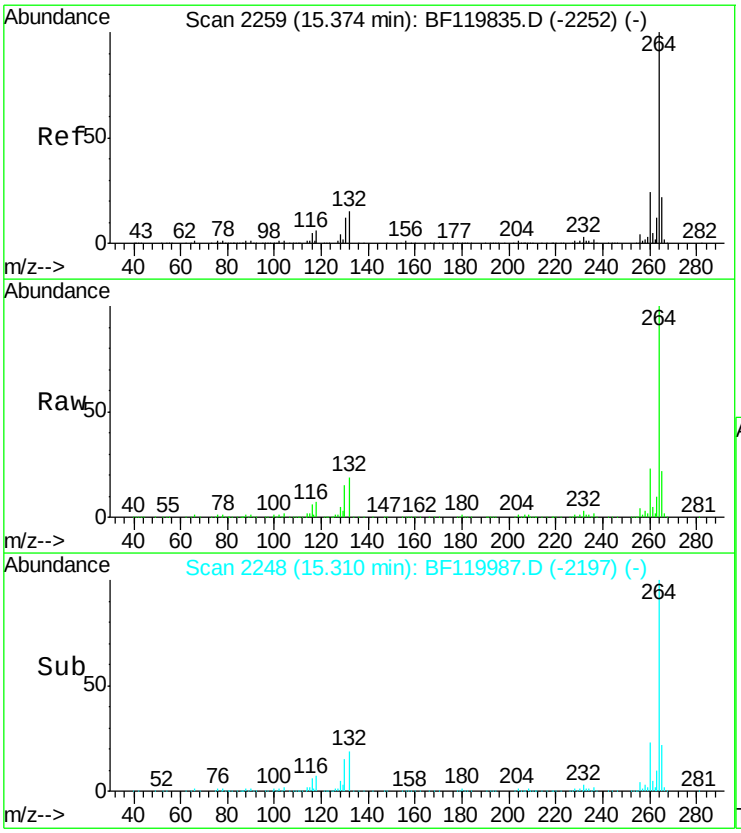
#79
Terphenyl-d14
Concen: 73.741 ng
RT: 12.85 min Scan# 1830
Delta R.T. 0.01 min
Lab File: BF119987.D
Acq: 15 Apr 2020 12:19

Instrument :
BNA_F
ClientSampleId :
PB128205BL

Tgt Ion:244 Resp: 2735353

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	11.0	10.3	15.5





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. -0.00 min
Lab File: BF119987.D
Acq: 15 Apr 2020 12:19

Tgt Ion:264 Resp: 548129

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.3	28.9
265	21.7	17.6	26.4