Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
Data File : BF122204.D
Acq On : 31 Oct 2020 3:32
Operator : JU/CG
Sample : L4217-07 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-01-102820

Quant Time: Oct 31 05:10:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 30 10:16:54 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.710	152	103077	20.00	ng	0.00
21) Naphthalene-d8	7.992	136	394402	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	176200	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	271247	20.00	ng	0.00
76) Chrysene-d12	13.880	240	228613	20.00	ng	0.00
86) Perylene-d12	15.321	264	192848	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	353378	50.60	ng	0.00
7) Phenol-d6	6.369	99	451230	50.19	ng	0.00
23) Nitrobenzene-d5	7.281	82	277097	36.03	ng	0.00
42) 2,4,6-Tribromophenol	10.539	330	88175	40.45	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	456350	38.11	ng	0.00
79) Terphenyl-d14	12.816	244	338285	28.20	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.387	94	22335	2.41	ng	# 78
50) Dimethylphthalate	9.469	163	58803	4.56	ng	100

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

Quantitation Report (LSC Reviewed)

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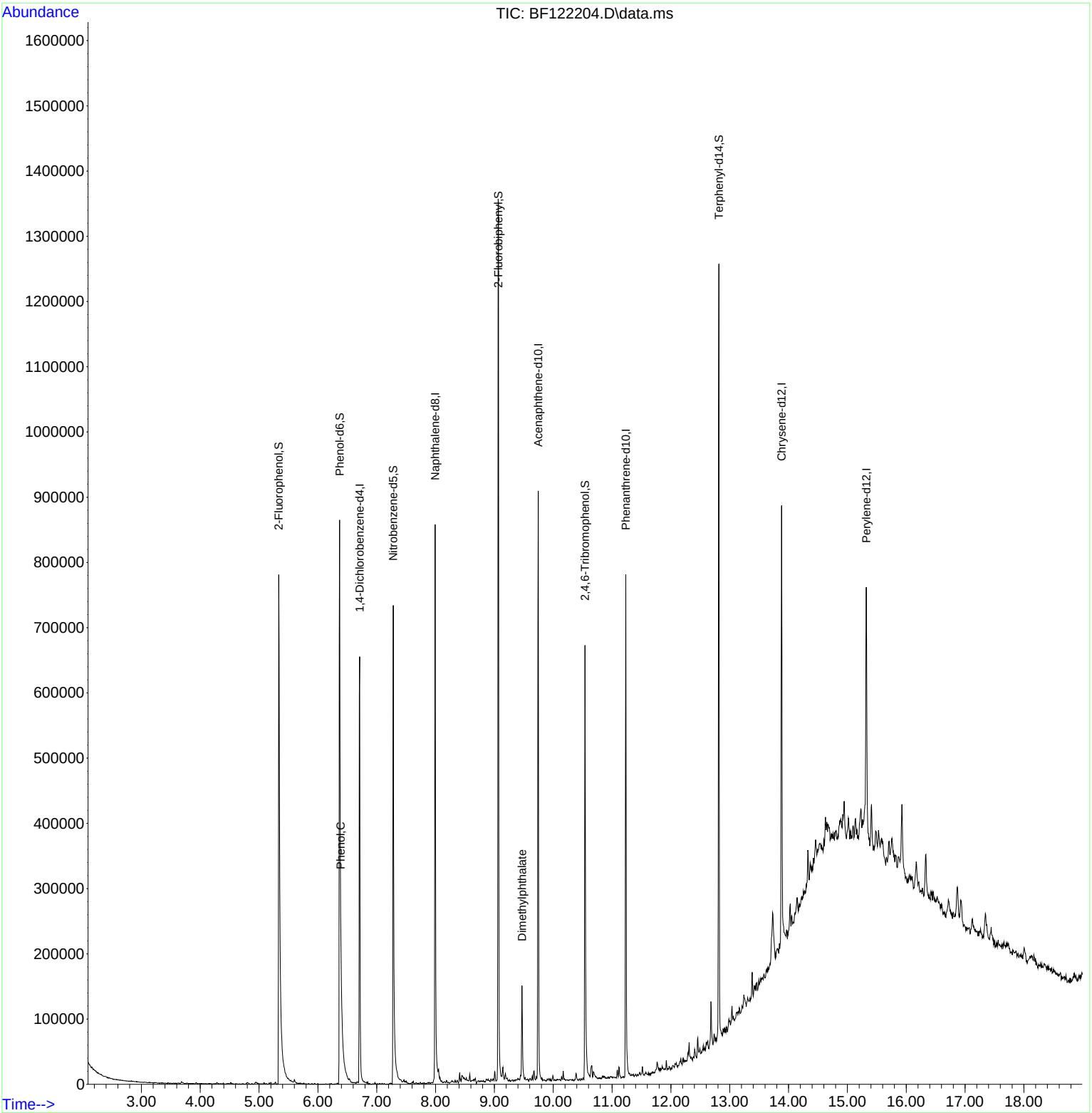
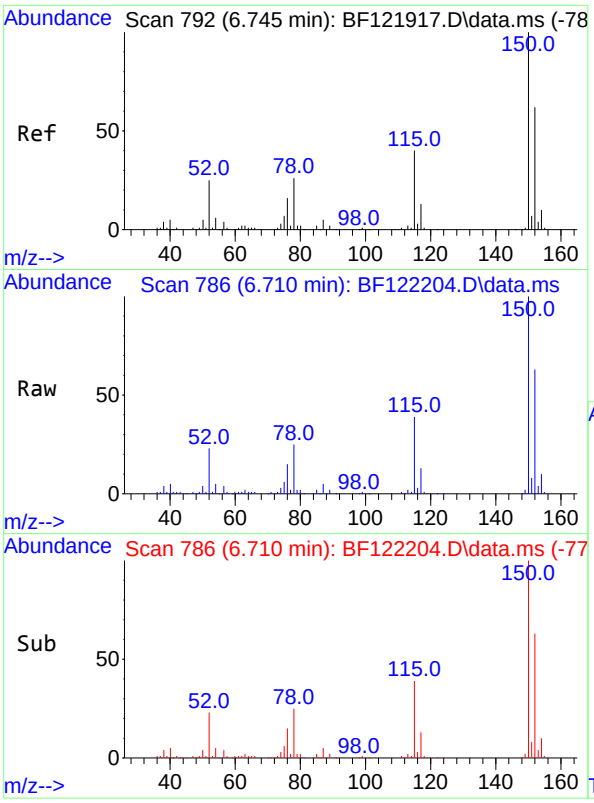


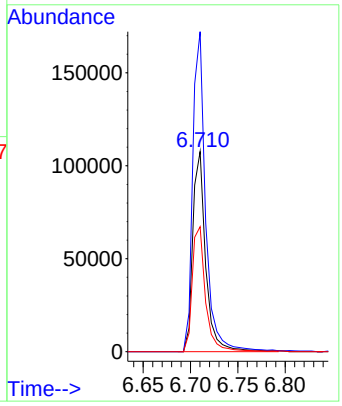
Instrument :
BNA_F
ClientSampleId :
HR-01-102820

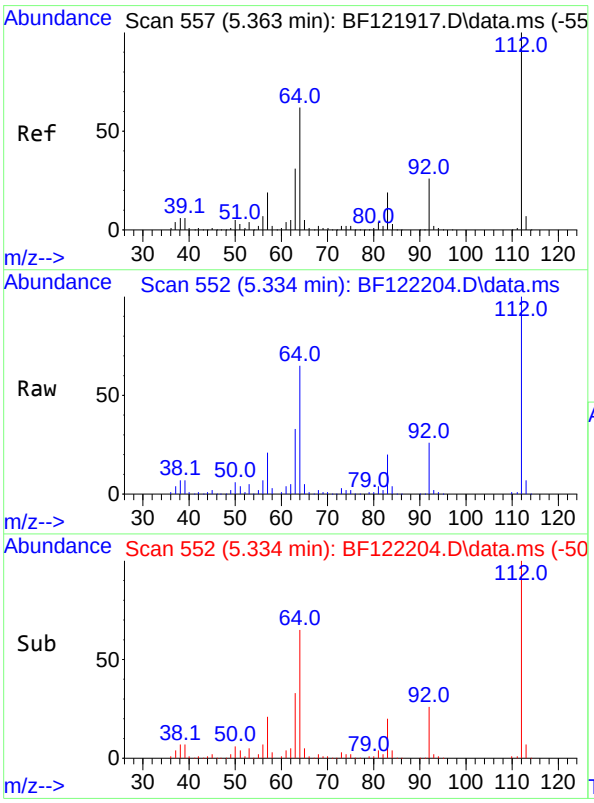


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.710 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF122204.D
Acq: 31 Oct 2020 3:32

Tgt Ion:152 Resp: 103077

Ion	Ratio	Lower	Upper
152	100		
150	159.8	125.3	187.9
115	62.4	51.9	77.9

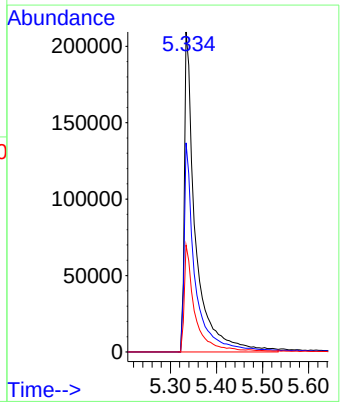




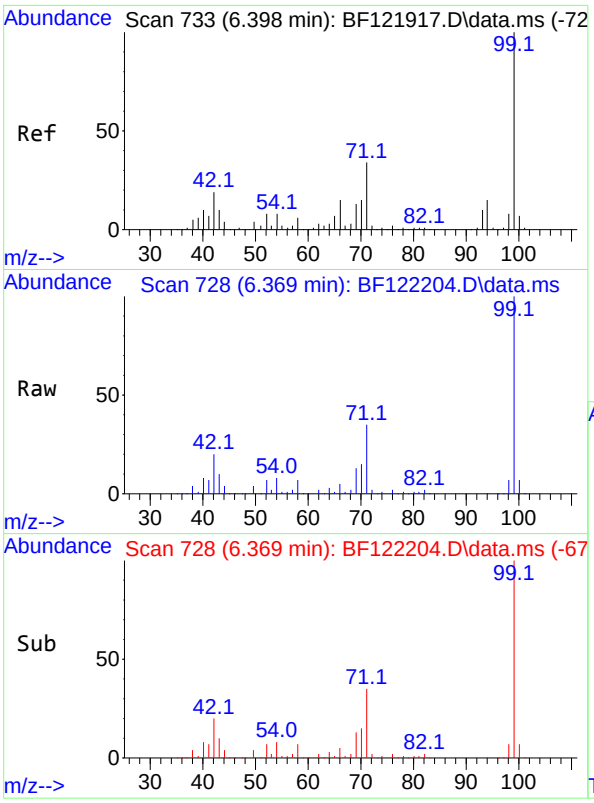
#5
2-Fluorophenol
Concen: 50.60 ng
RT: 5.334 min Scan# 552
Delta R.T. 0.000 min
Lab File: BF122204.D
Acq: 31 Oct 2020 3:32

Tgt Ion:112 Resp: 353378

Ion	Ratio	Lower	Upper
112	100		
64	65.3	50.4	75.6
63	33.4	25.8	38.6



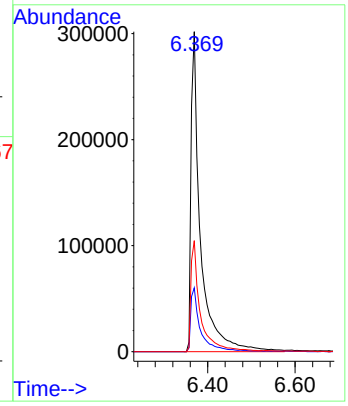
Instrument :
BNA_F
ClientSampleId :
HR-01-102820

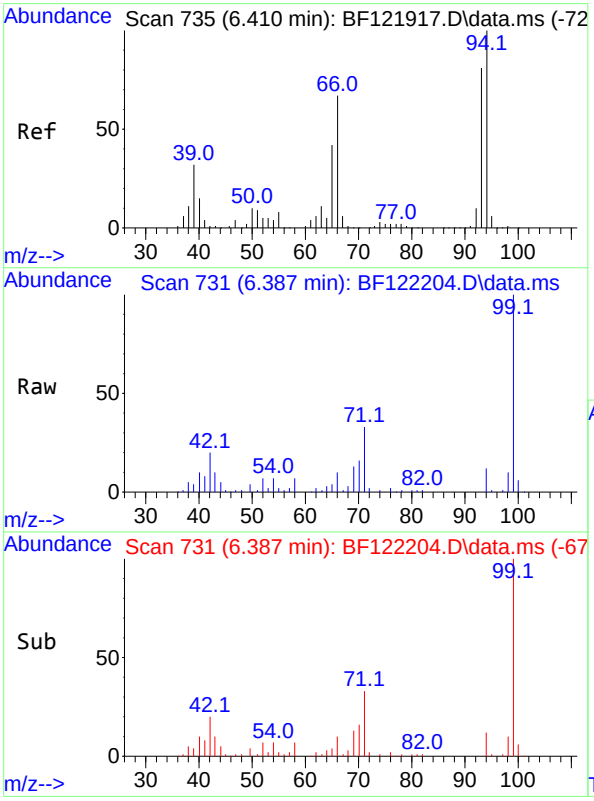


#7
Phenol-d6
Concen: 50.19 ng
RT: 6.369 min Scan# 728
Delta R.T. 0.000 min
Lab File: BF122204.D
Acq: 31 Oct 2020 3:32

Tgt Ion: 99 Resp: 451230

Ion	Ratio	Lower	Upper
99	100		
42	20.0	15.9	23.9
71	34.7	27.1	40.7

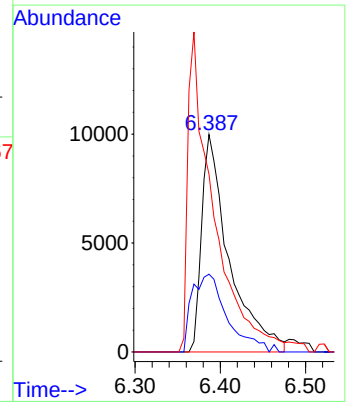


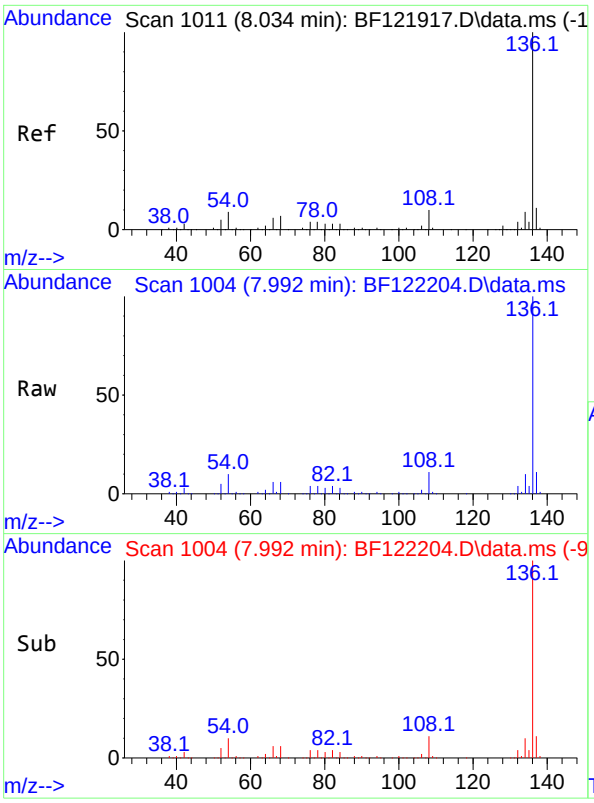


#10
Phenol
Concen: 2.41 ng
RT: 6.387 min Scan# 731
Delta R.T. 0.006 min
Lab File: BF122204.D
Acq: 31 Oct 2020 3:32

Tgt Ion: 94 Resp: 22335

Ion	Ratio	Lower	Upper
94	100		
65	35.8	17.1	57.1
66	81.7	36.0	76.0#

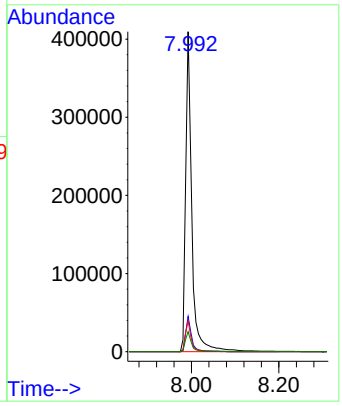




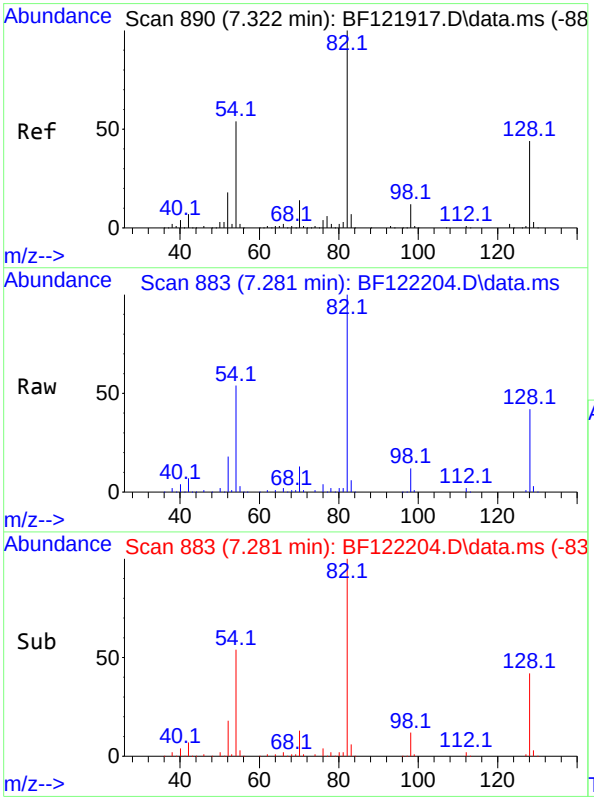
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF122204.D
Acq: 31 Oct 2020 3:32

Tgt Ion:136 Resp: 394402

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	9.6	7.1	10.7
68	6.3	5.0	7.4



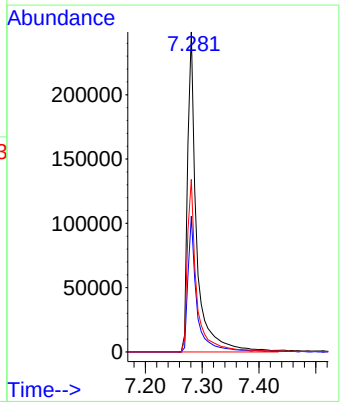
Instrument :
BNA_F
ClientSampleId :
HR-01-102820



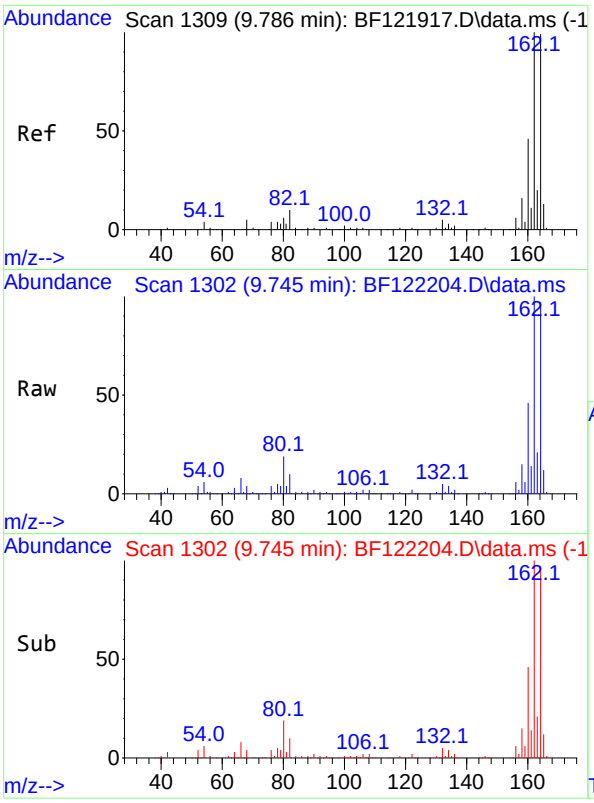
#23
Nitrobenzene-d5
Concen: 36.03 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF122204.D
Acq: 31 Oct 2020 3:32

Tgt Ion: 82 Resp: 277097

Ion	Ratio	Lower	Upper
82	100		
128	42.4	35.0	52.4
54	53.9	43.9	65.9



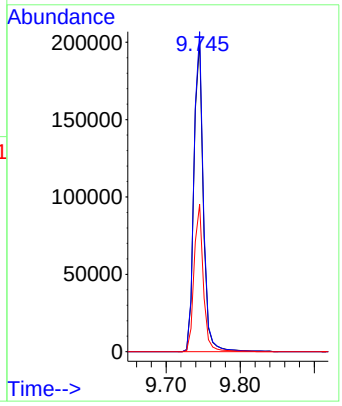
Instrument :
BNA_F
ClientSampleId :
HR-01-102820

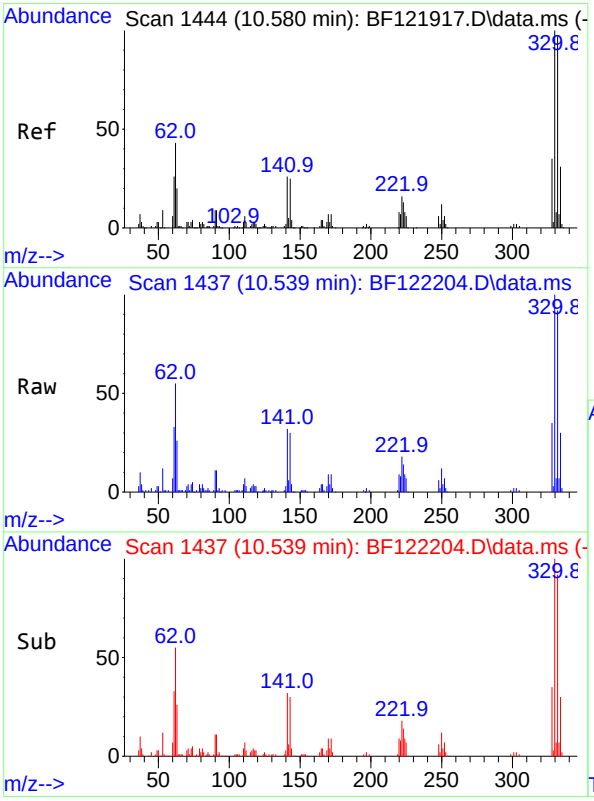


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF122204.D
Acq: 31 Oct 2020 3:32

Tgt Ion:164 Resp: 176200

Ion	Ratio	Lower	Upper
164	100		
162	103.0	83.2	124.8
160	47.4	37.5	56.3

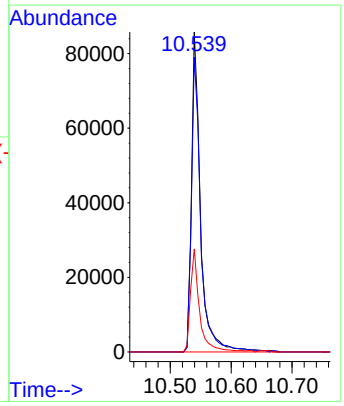




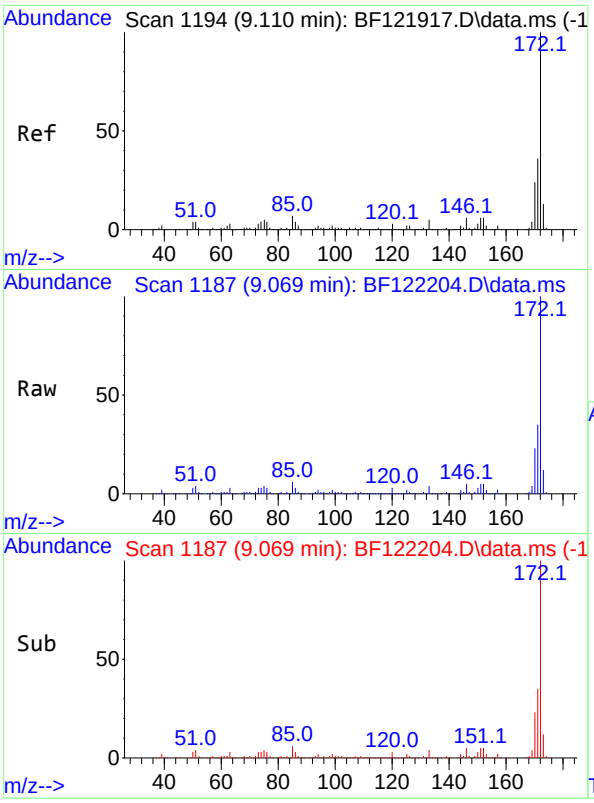
#42
2,4,6-Tribromophenol
Concen: 40.45 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.006 min
Lab File: BF122204.D
Acq: 31 Oct 2020 3:32

Tgt Ion:330 Resp: 88175

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.3	115.9
141	32.6	22.3	33.5



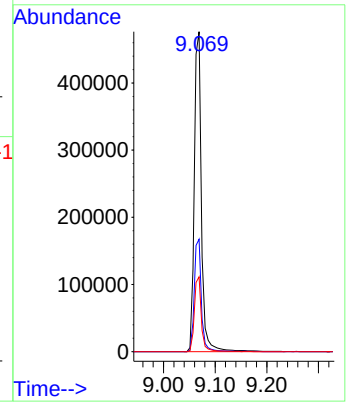
Instrument :
BNA_F
ClientSampleId :
HR-01-102820

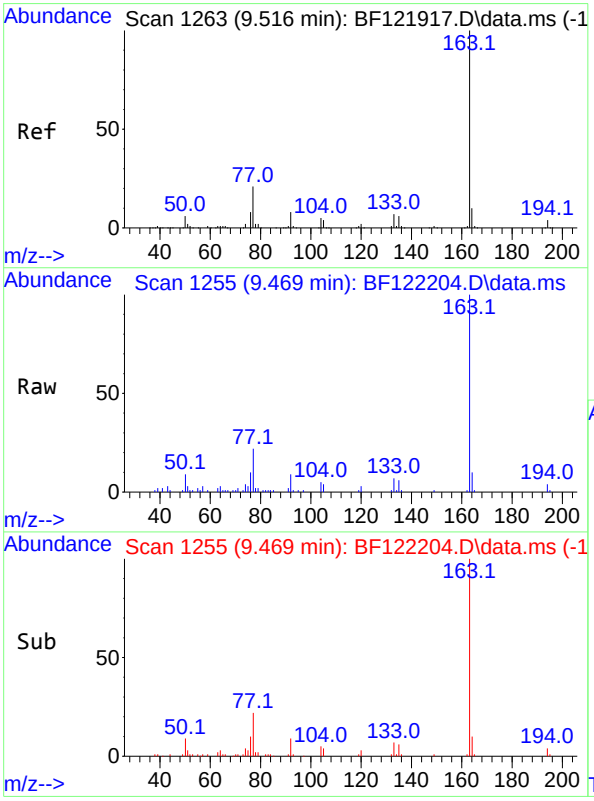


#45
2-Fluorobiphenyl
Concen: 38.11 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF122204.D
Acq: 31 Oct 2020 3:32

Tgt Ion:172 Resp: 456350

Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.1	43.7
170	23.4	19.8	29.6

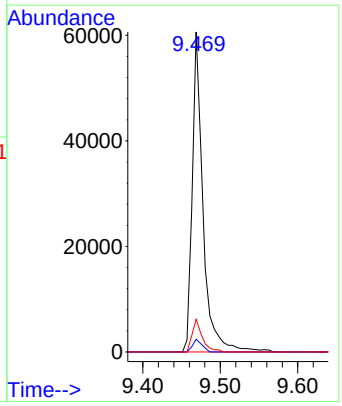




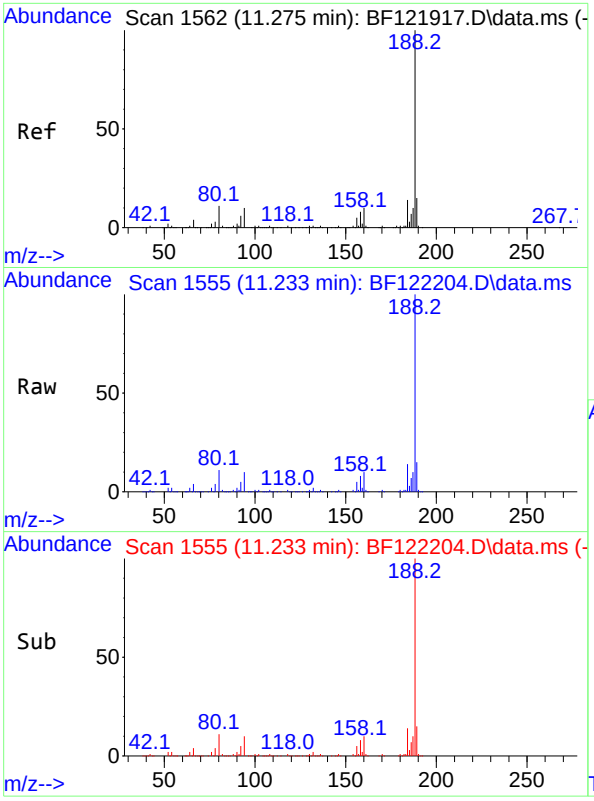
#50
Dimethylphthalate
Concen: 4.56 ng
RT: 9.469 min Scan# 1255
Delta R.T. -0.012 min
Lab File: BF122204.D
Acq: 31 Oct 2020 3:32

Tgt Ion:163 Resp: 58803

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.2	8.2	12.4



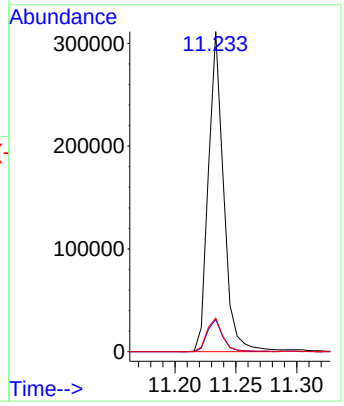
Instrument :
BNA_F
ClientSampleId :
HR-01-102820

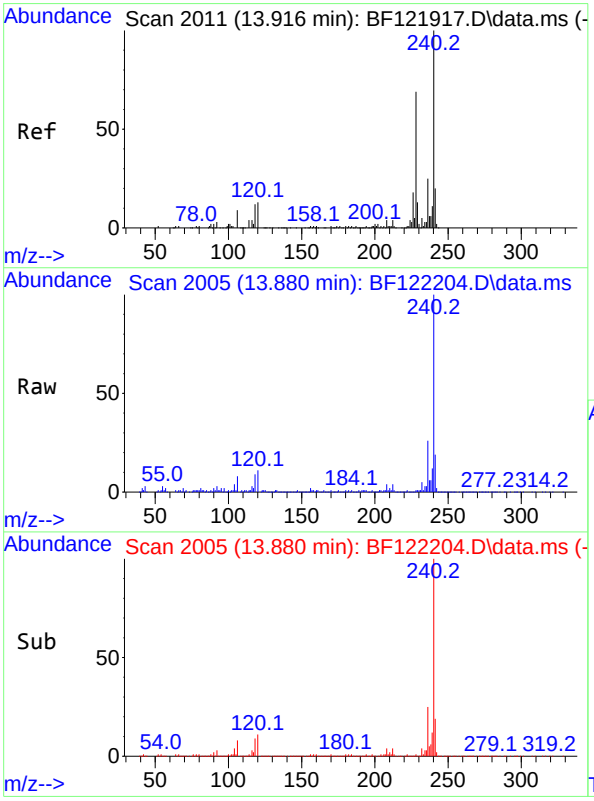


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. 0.000 min
Lab File: BF122204.D
Acq: 31 Oct 2020 3:32

Tgt Ion:188 Resp: 271247

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.3	12.5
80	10.5	9.1	13.7

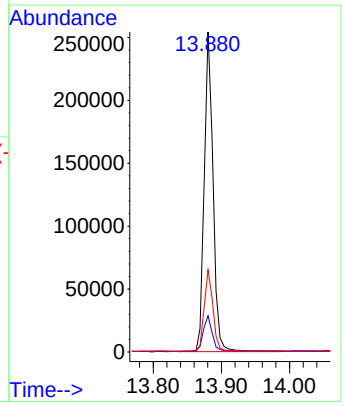




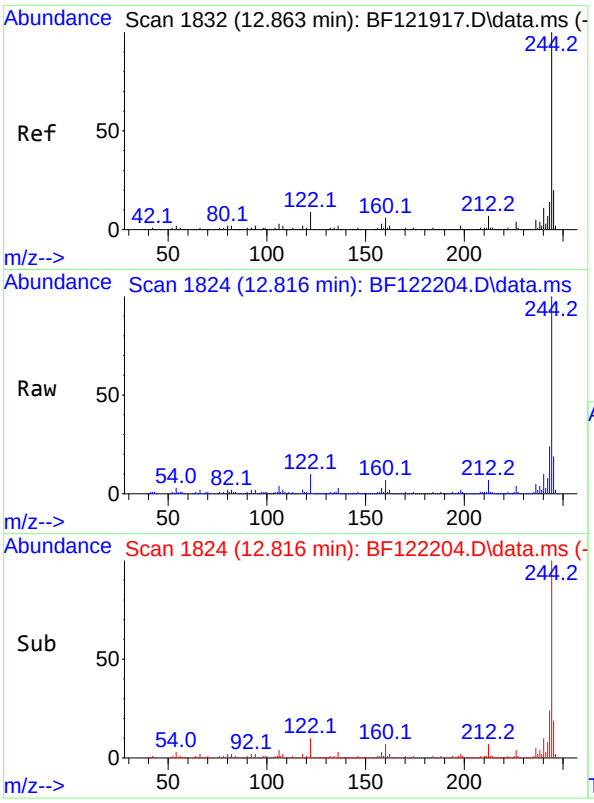
#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.880 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BF122204.D
Acq: 31 Oct 2020 3:32

Tgt Ion:240 Resp: 228613

Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.2	13.8
236	25.6	20.9	31.3



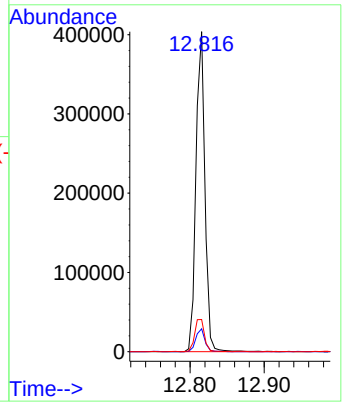
Instrument :
BNA_F
ClientSampleId :
HR-01-102820

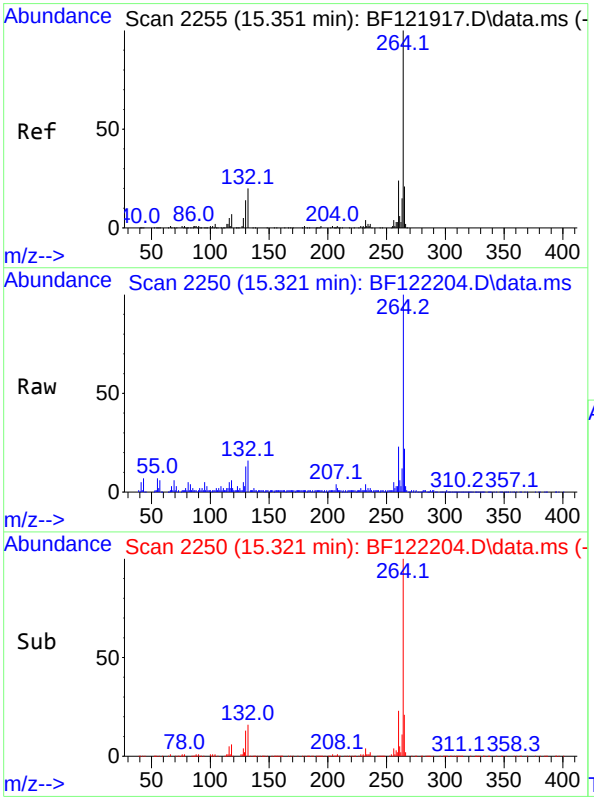


#79
Terphenyl-d14
Concen: 28.20 ng
RT: 12.816 min Scan# 1824
Delta R.T. 0.000 min
Lab File: BF122204.D
Acq: 31 Oct 2020 3:32

Tgt Ion:244 Resp: 338285

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.2
122	10.0	8.1	12.1





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.321 min Scan# 2250
Delta R.T. 0.018 min
Lab File: BF122204.D
Acq: 31 Oct 2020 3:32

Tgt Ion:264 Resp: 192848

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.7	28.1
265	21.6	17.3	25.9