Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022020\
Data File : BN009794.D
Acq On : 21 Feb 2020 00:23
Operator : CG/JU
Sample : L1564-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Feb 21 02:51:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 19 15:57:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	1324	0.40	ng	0.00
7) Naphthalene-d8	10.16	136	4321	0.40	ng	-0.01
13) Acenaphthene-d10	14.05	164	2643	0.40	ng	-0.01
19) Phenanthrene-d10	16.80	188	5272	0.40	ng	-0.01
27) Chrysene-d12	21.03	240	5703	0.40	ng	-0.01
34) Perylene-d12	23.13	264	5671	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.07	112	532	0.18	ng	-0.02
5) Phenol-d6	6.64	99	361	0.10	ng	0.00
8) Nitrobenzene-d5	8.58	82	1704	0.47	ng	-0.01
11) 2-Methylnaphthalene-d10	11.77	152	2487	0.30	ng	-0.01
14) 2,4,6-Tribromophenol	15.56	330	423	0.42	ng	-0.02
15) 2-Fluorobiphenyl	12.66	172	5414	0.54	ng	-0.02
25) Fluoranthene-d10	18.85	212	6117	0.34	ng	-0.01
29) Terphenyl-d14	19.46	244	10206	0.75	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	147	0.108	ng	# 28
3) n-Nitrosodimethylamine	3.44	42	149	0.067	ng	# 34
20) 4-Bromophenyl-phenylether	16.02	248	158	Below Cal		# 69
22) Pentachlorophenol	16.50	266	7	0.185	ng	# 77
24) Anthracene	16.95	178	291	0.022	ng	98
26) Fluoranthene	18.88	202	477	0.025	ng	# 98
28) Pyrene	19.25	202	440	0.020	ng	98
30) Benzo(a)anthracene	21.02	228	415	0.022	ng	# 68
31) Chrysene	21.06	228	738	0.034	ng	# 82
32) Bis(2-ethylhexyl)phthalate	20.95	149	1007	0.109	ng	# 96

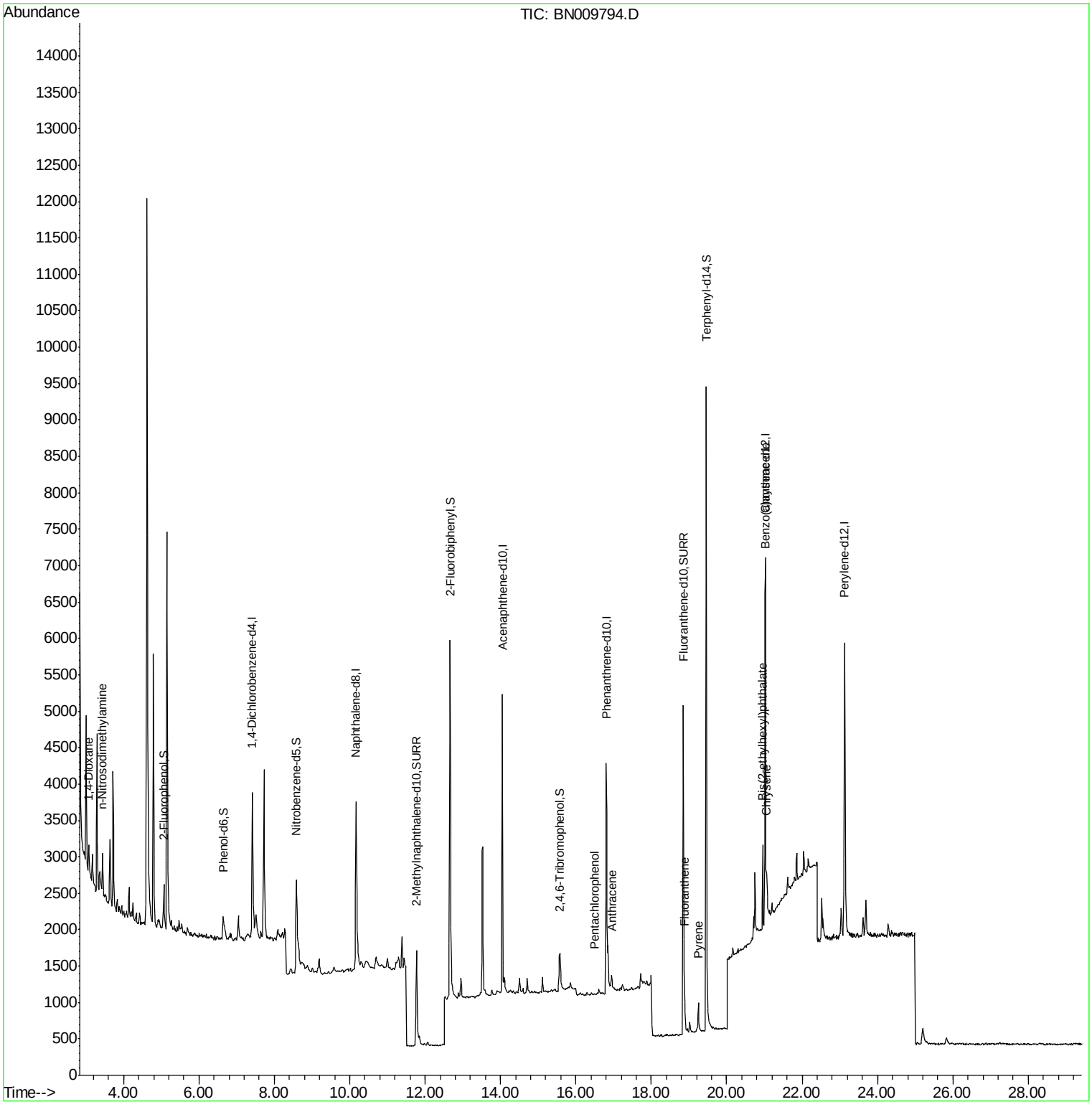
(#) = qualifier out of range (m) = manual integration (+) = signals summed

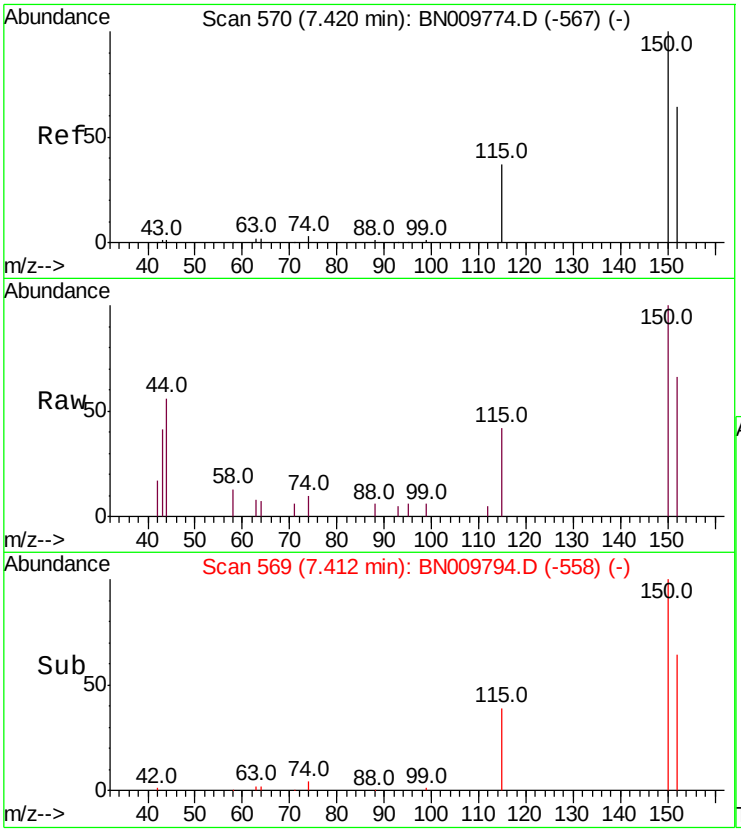
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022020\
Data File : BN009794.D
Acq On : 21 Feb 2020 00:23
Operator : CG/JU
Sample : L1564-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Feb 21 02:51:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 19 15:57:43 2020
Response via : Initial Calibration



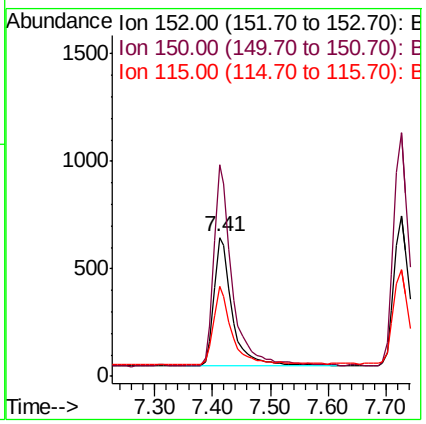


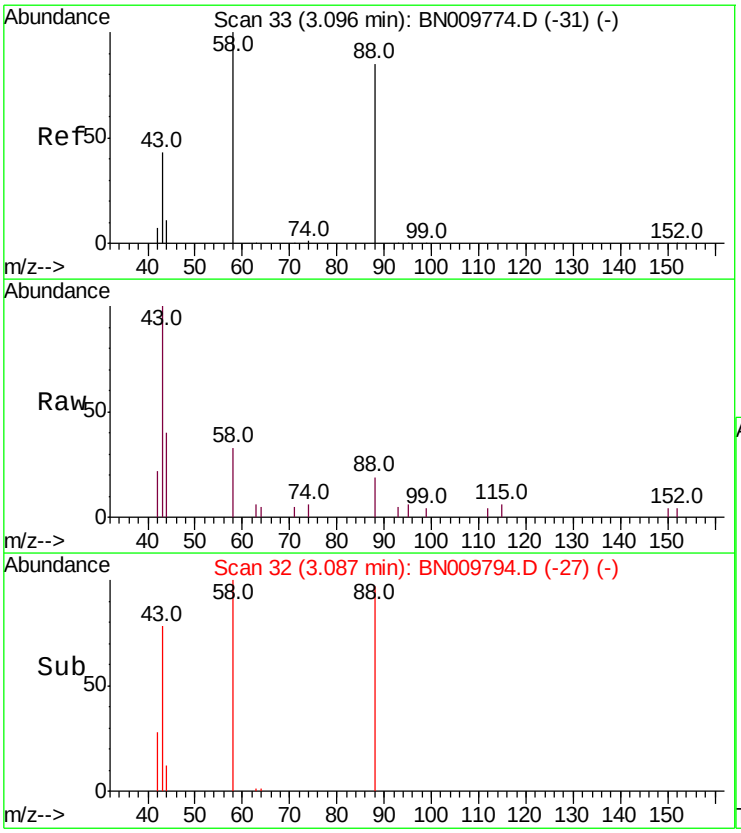
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.41 min Scan# 569
Delta R.T. -0.01 min
Lab File: BN009794.D
Acq: 21 Feb 2020 00:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 1324

Ion	Ratio	Lower	Upper
152	100		
150	152.6	120.6	181.0
115	64.8	51.2	76.8

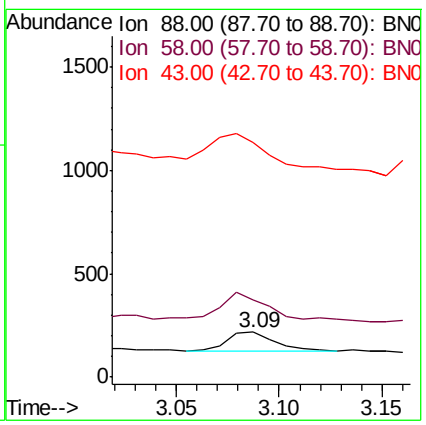


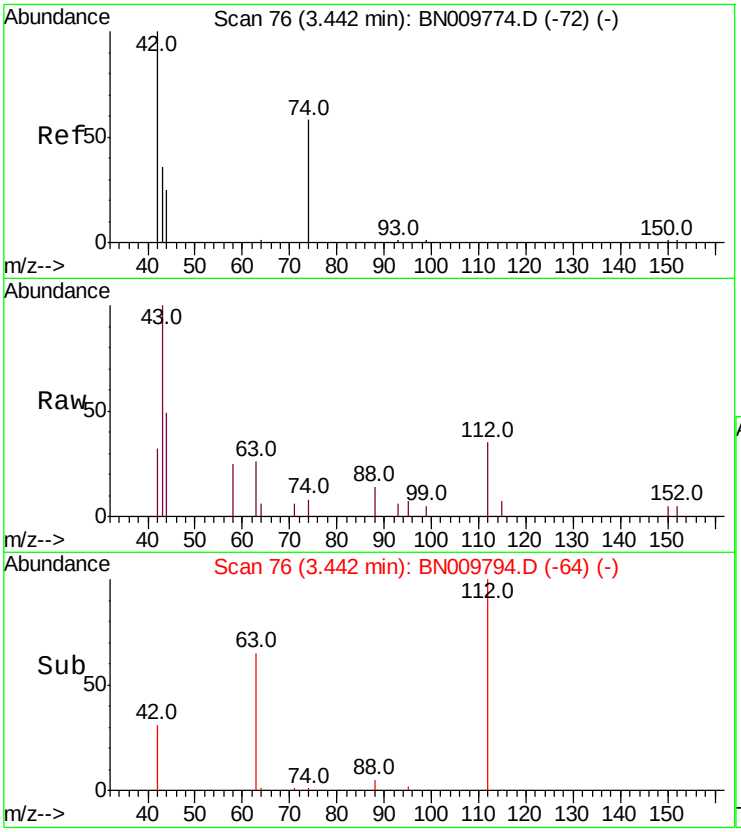


#2
1,4-Dioxane
Concen: 0.108 ng
RT: 3.09 min Scan# 32
Delta R.T. -0.01 min
Lab File: BN009794.D
Acq: 21 Feb 2020 00:23

Tgt Ion: 88 Resp: 147

Ion	Ratio	Lower	Upper
88	100		
58	119.0	97.8	146.8
43	219.7	45.1	67.7#



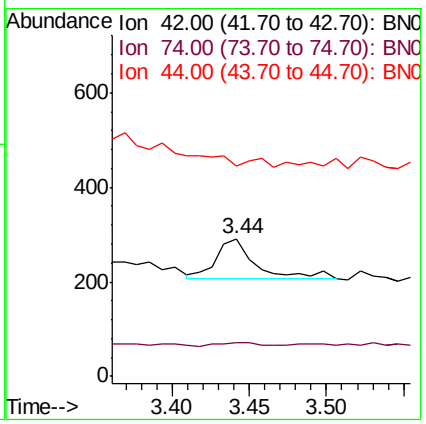


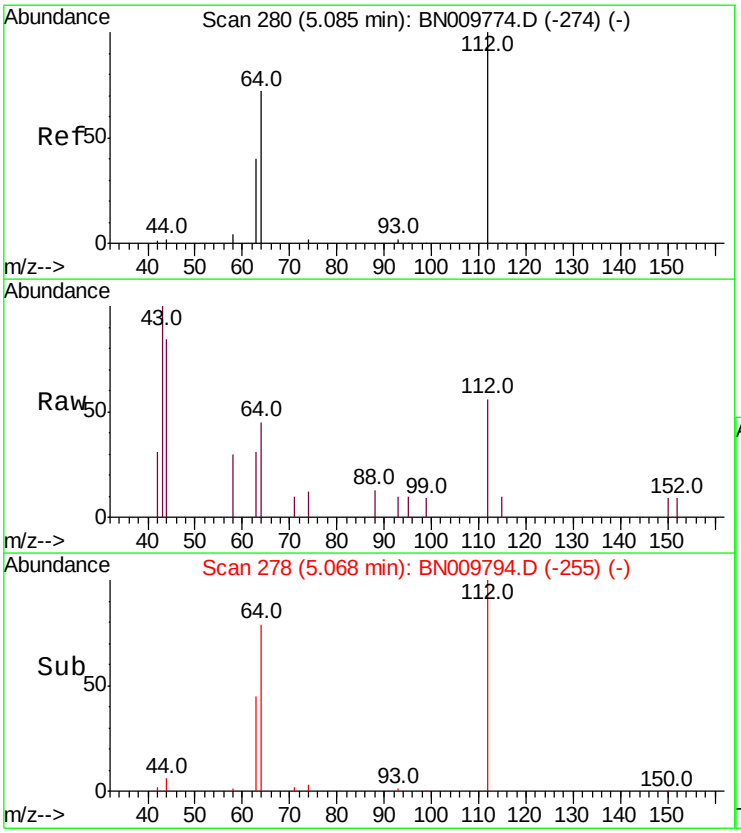
#3
n-Nitrosodimethylamine
Concen: 0.067 ng
RT: 3.44 min Scan# 76
Delta R.T. -0.00 min
Lab File: BN009794.D
Acq: 21 Feb 2020 00:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 149

Ion	Ratio	Lower	Upper
42	100		
74	10.1	51.2	76.8#
44	0.0	2.6	4.0#

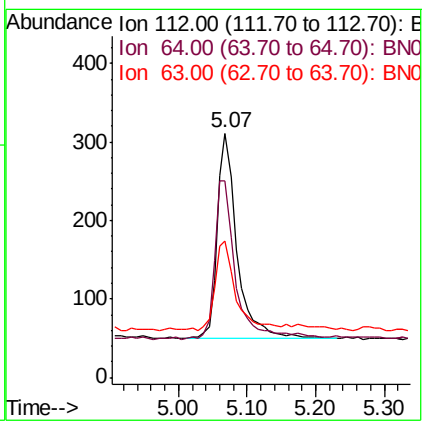


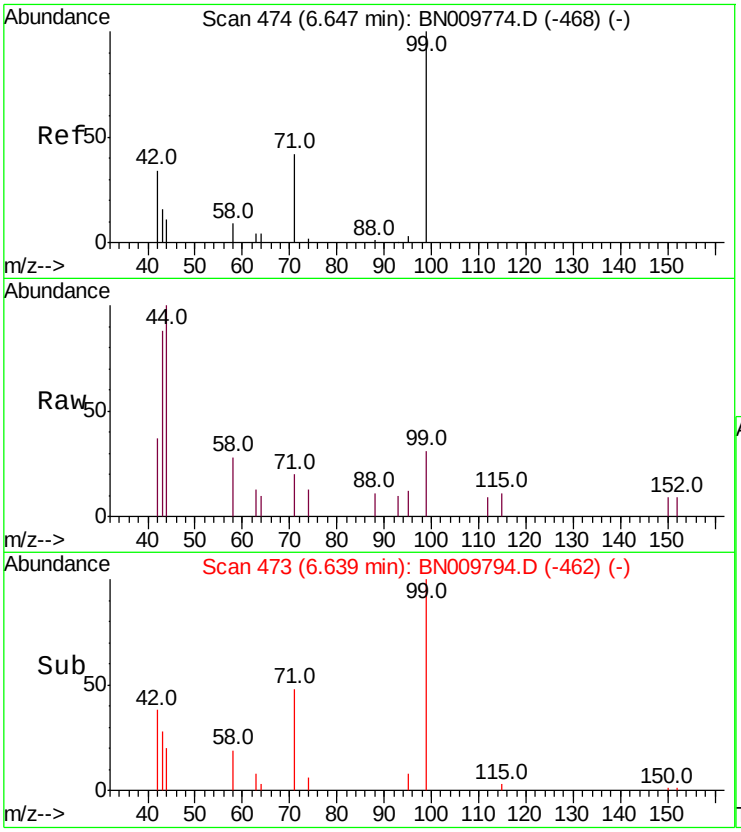


#4
2-Fluorophenol
Concen: 0.181 ng
RT: 5.07 min Scan# 278
Delta R.T. -0.02 min
Lab File: BN009794.D
Acq: 21 Feb 2020 00:23

Tgt Ion:112 Resp: 532

Ion	Ratio	Lower	Upper
112	100		
64	84.0	65.8	98.6
63	43.6	38.7	58.1



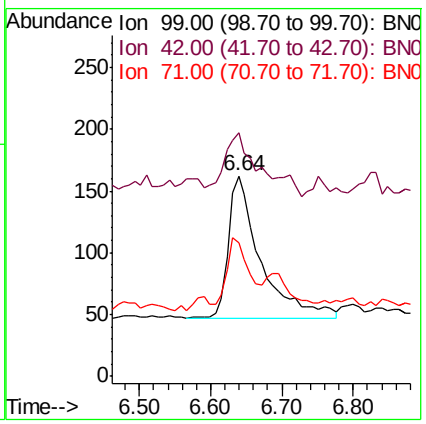


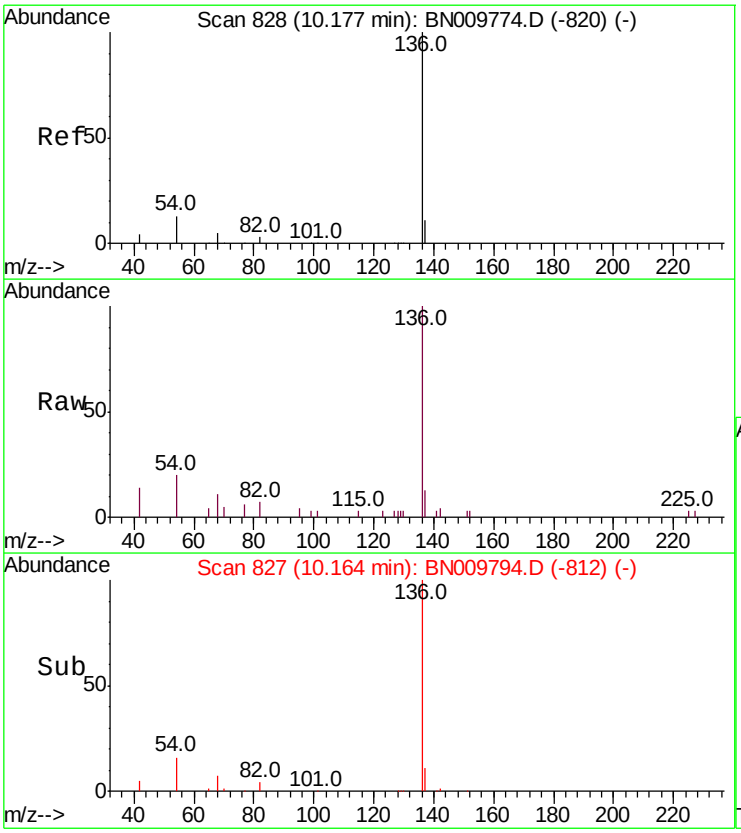
#5
Phenol-d6
Concen: 0.101 ng
RT: 6.64 min Scan# 473
Delta R.T. -0.01 min
Lab File: BN009794.D
Acq: 21 Feb 2020 00:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 361

Ion	Ratio	Lower	Upper
99	100		
42	51.8	30.8	46.2#
71	35.2	34.9	52.3

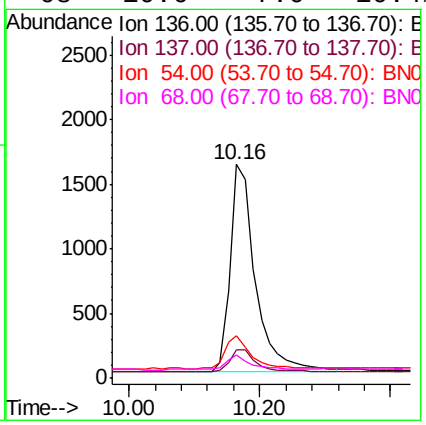


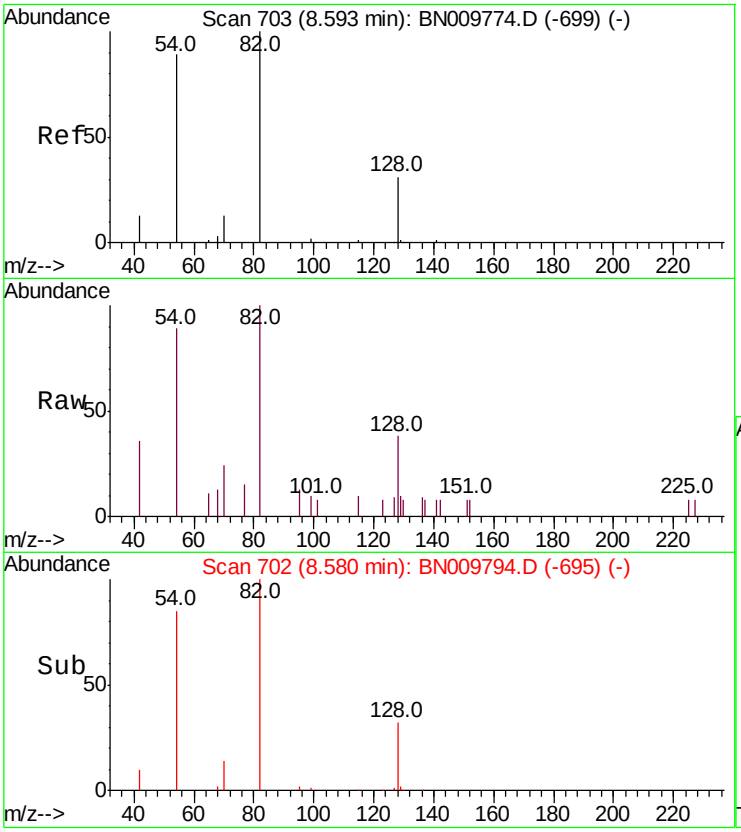


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.16 min Scan# 827
Delta R.T. -0.01 min
Lab File: BN009794.D
Acq: 21 Feb 2020 00:23

Tgt Ion:136 Resp: 4321

Ion	Ratio	Lower	Upper
136	100		
137	13.2	11.3	16.9
54	19.8	13.4	20.2
68	10.6	7.0	10.4#



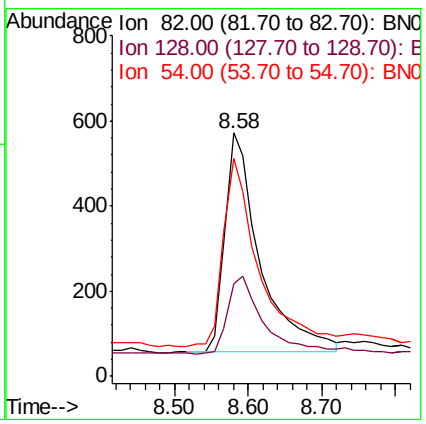


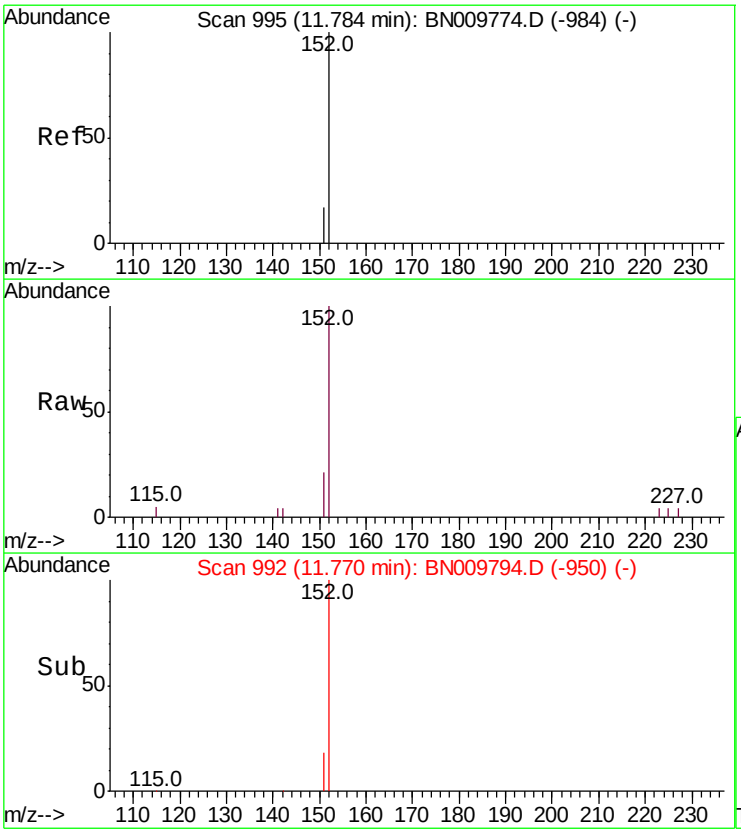
#8
Nitrobenzene-d5
Concen: 0.474 ng
RT: 8.58 min Scan# 702
Delta R.T. -0.01 min
Lab File: BN009794.D
Acq: 21 Feb 2020 00:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 82 Resp: 1704

Ion	Ratio	Lower	Upper
82	100		
128	38.1	32.5	48.7
54	89.3	73.5	110.3

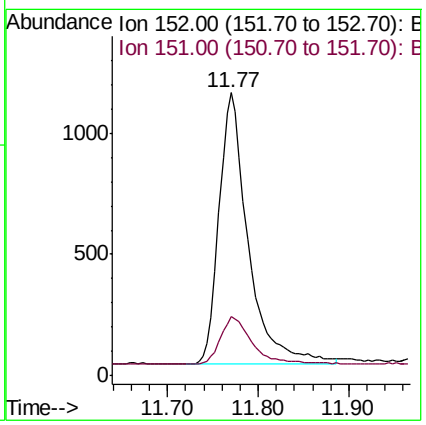


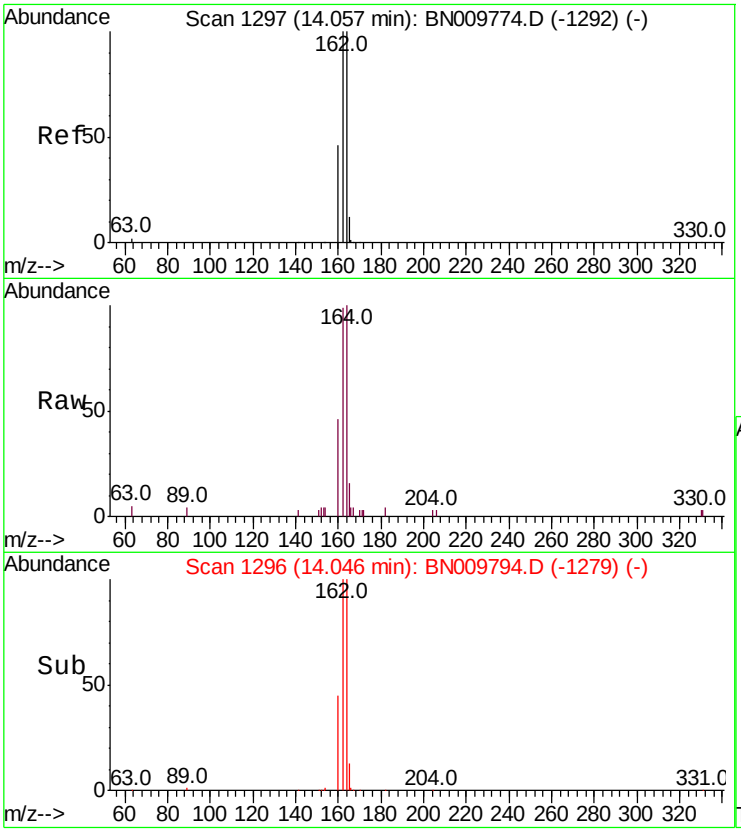


#11
2-Methylnaphthalene-d10
Concen: 0.297 ng
RT: 11.77 min Scan# 992
Delta R.T. -0.01 min
Lab File: BN009794.D
Acq: 21 Feb 2020 00:23

Tgt Ion:152 Resp: 2487

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.1	22.7



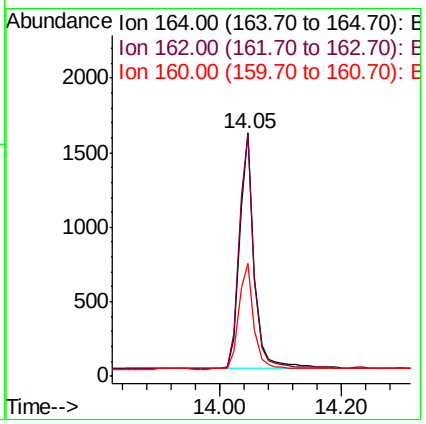


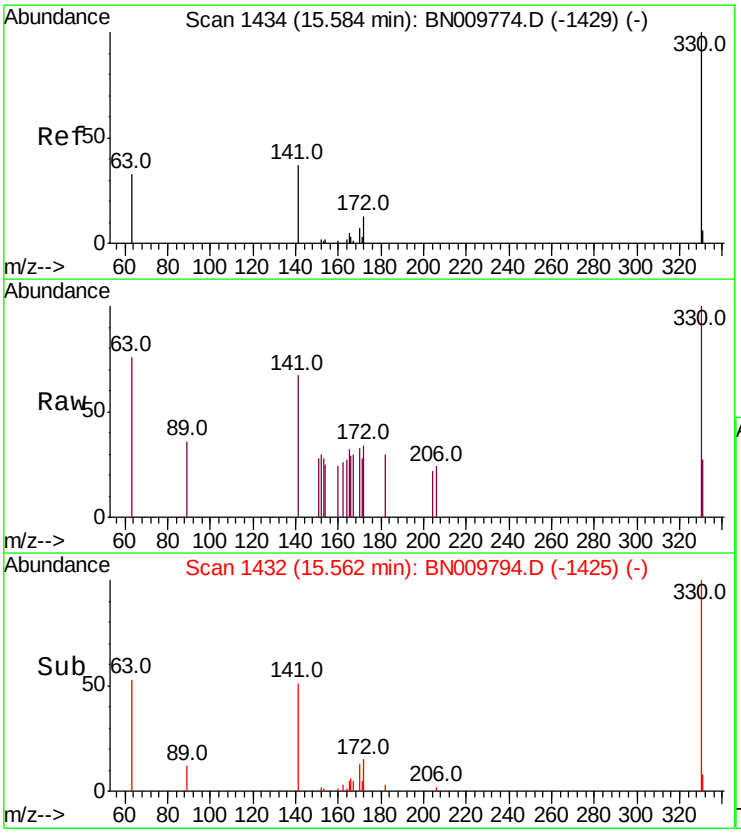
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.05 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BN009794.D
Acq: 21 Feb 2020 00:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 2643

Ion	Ratio	Lower	Upper
164	100		
162	99.4	79.9	119.9
160	46.5	38.2	57.2

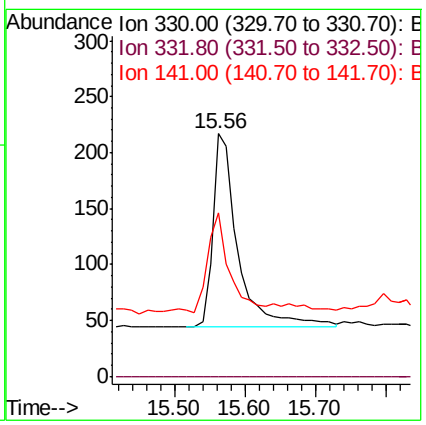


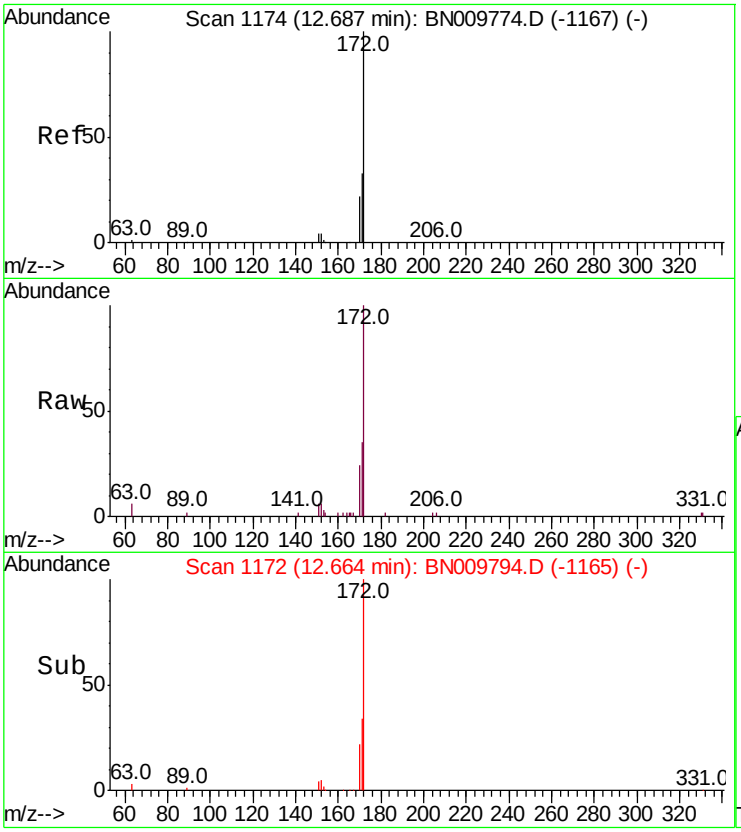


#14
2,4,6-Tribromophenol
Concen: 0.415 ng
RT: 15.56 min Scan# 1432
Delta R.T. -0.02 min
Lab File: BN009794.D
Acq: 21 Feb 2020 00:23

Tgt Ion:330 Resp: 423

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	42.6	36.8	55.2



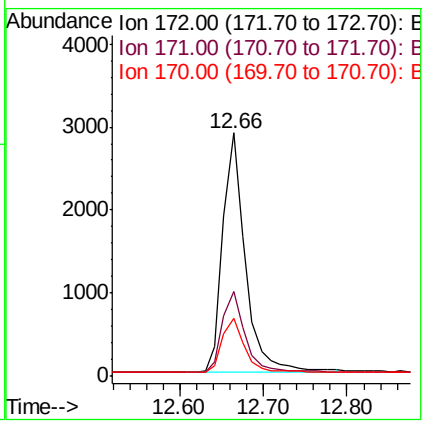


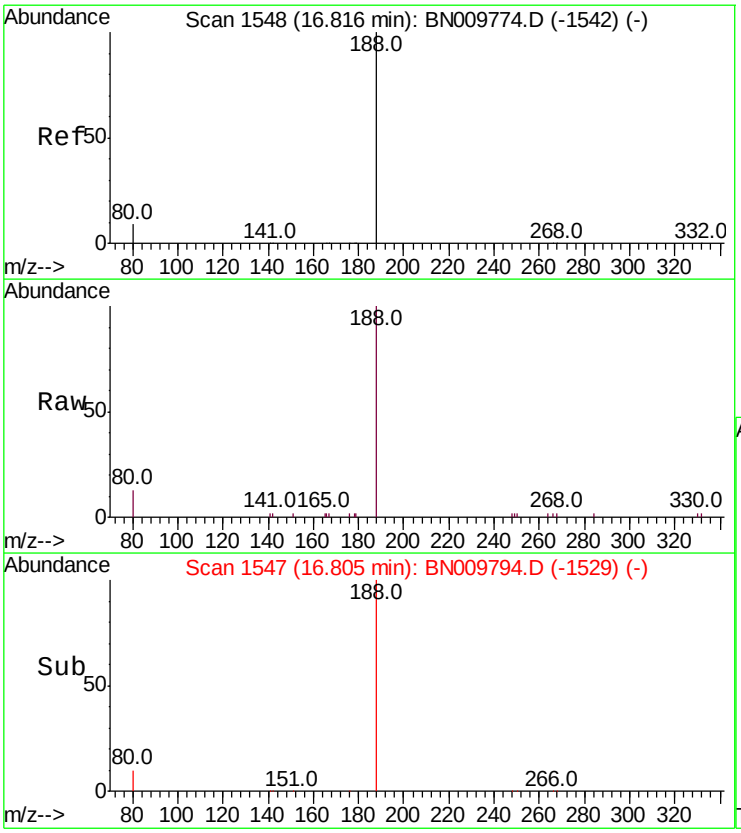
#15
2-Fluorobiphenyl
Concen: 0.543 ng
RT: 12.66 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BN009794.D
Acq: 21 Feb 2020 00:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 5414

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.7	43.1
170	23.6	20.1	30.1

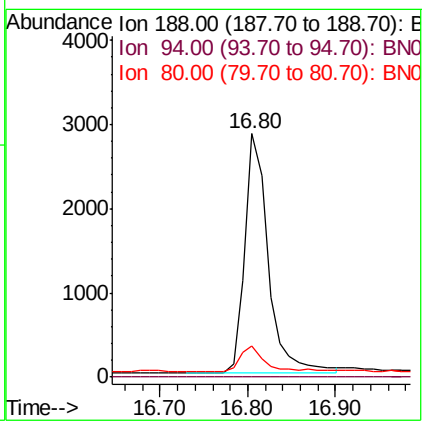


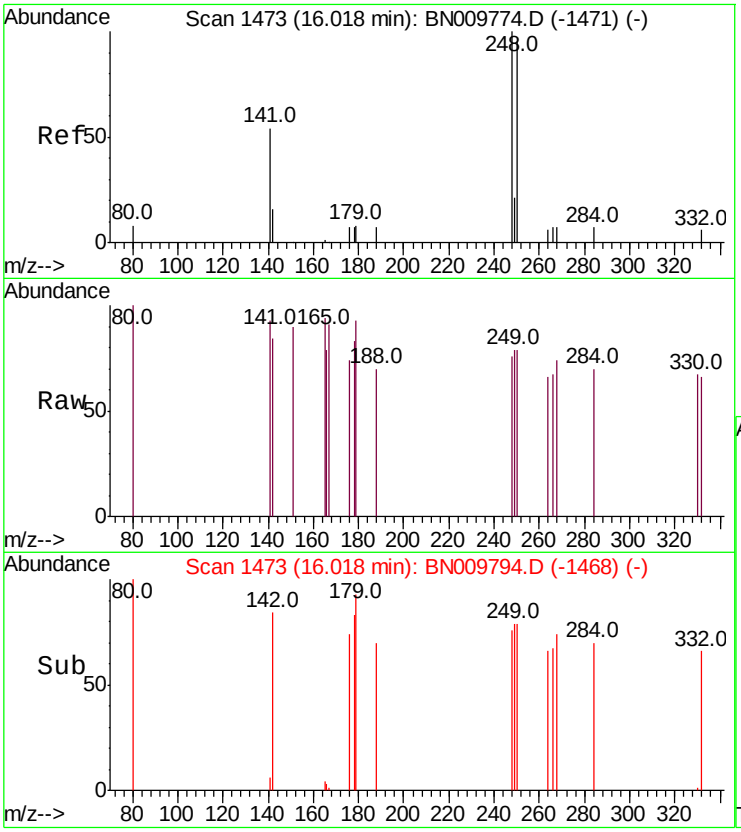


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.80 min Scan# 1547
Delta R.T. -0.01 min
Lab File: BN009794.D
Acq: 21 Feb 2020 00:23

Tgt Ion:188 Resp: 5272

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.8	8.3	12.5#



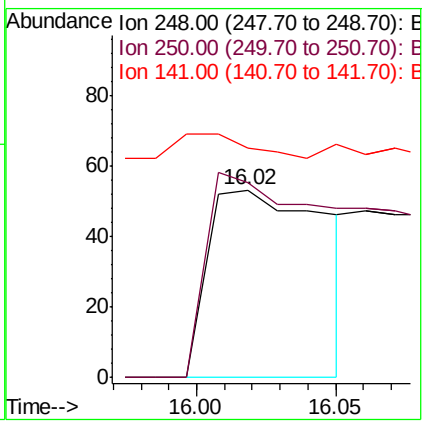


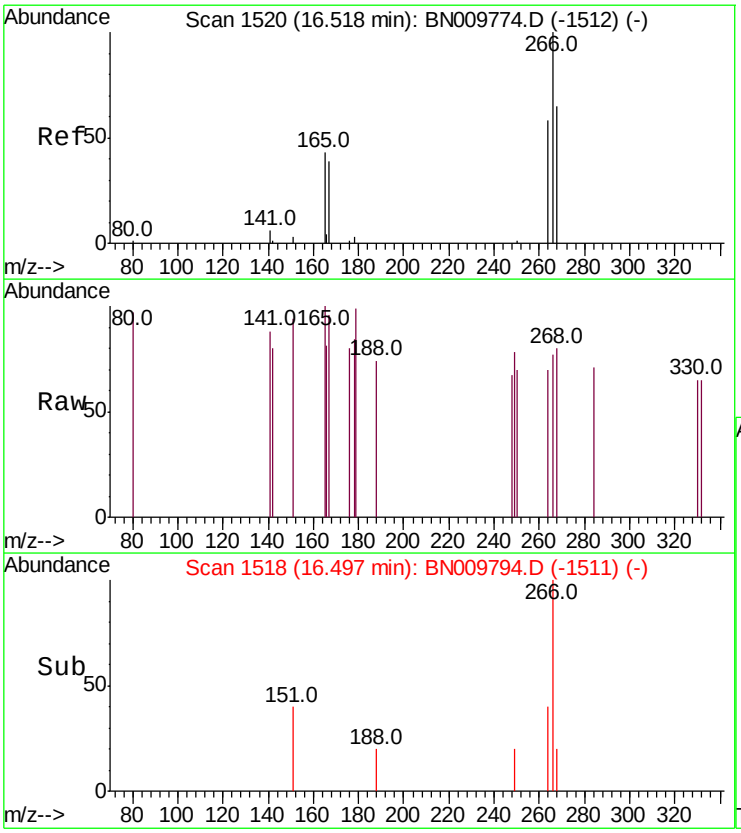
#20
4-Bromophenyl-phenylether
Concen: Below Cal
RT: 16.02 min Scan# 1473
Delta R.T. 0.00 min
Lab File: BN009794.D
Acq: 21 Feb 2020 00:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 158

Ion	Ratio	Lower	Upper
248	100		
250	103.8	76.2	114.4
141	122.6	57.8	86.6#

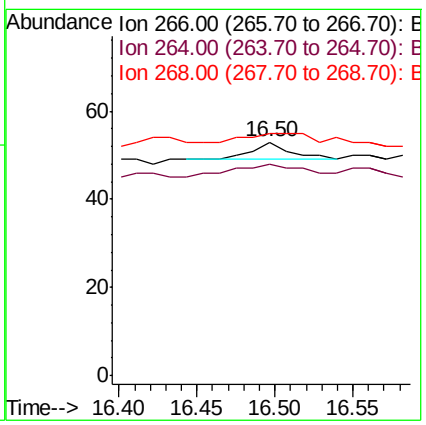


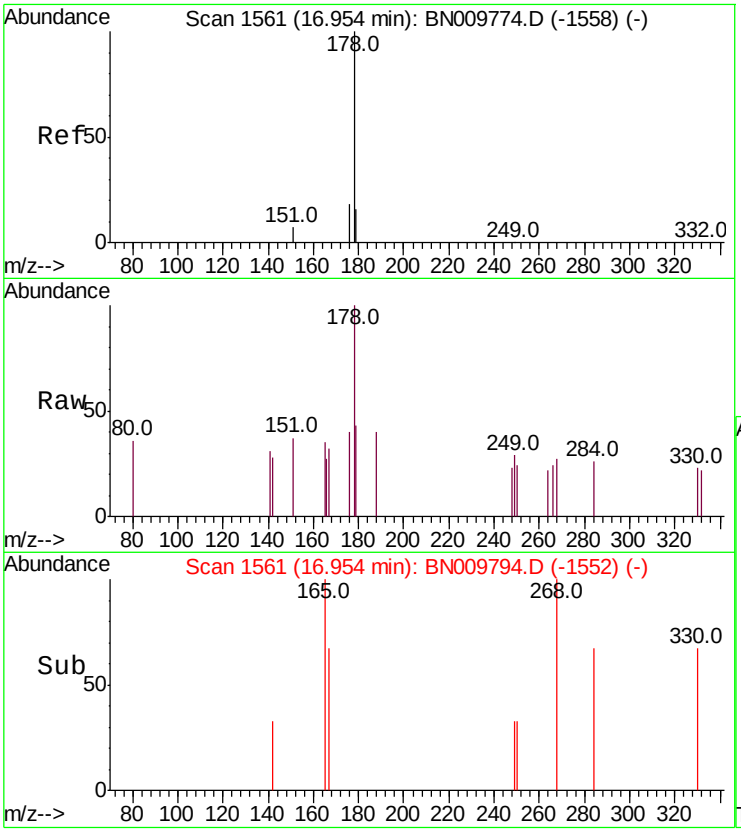


#22
Pentachlorophenol
Concen: 0.185 ng
RT: 16.50 min Scan# 1518
Delta R.T. -0.02 min
Lab File: BN009794.D
Acq: 21 Feb 2020 00:23

Tgt Ion:266 Resp: 7

Ion	Ratio	Lower	Upper
266	100		
264	90.6	58.1	87.1#
268	103.8	65.7	98.5#



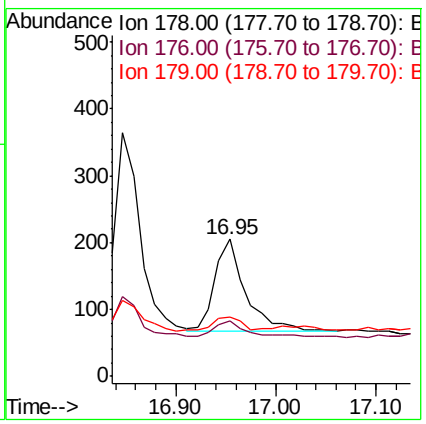


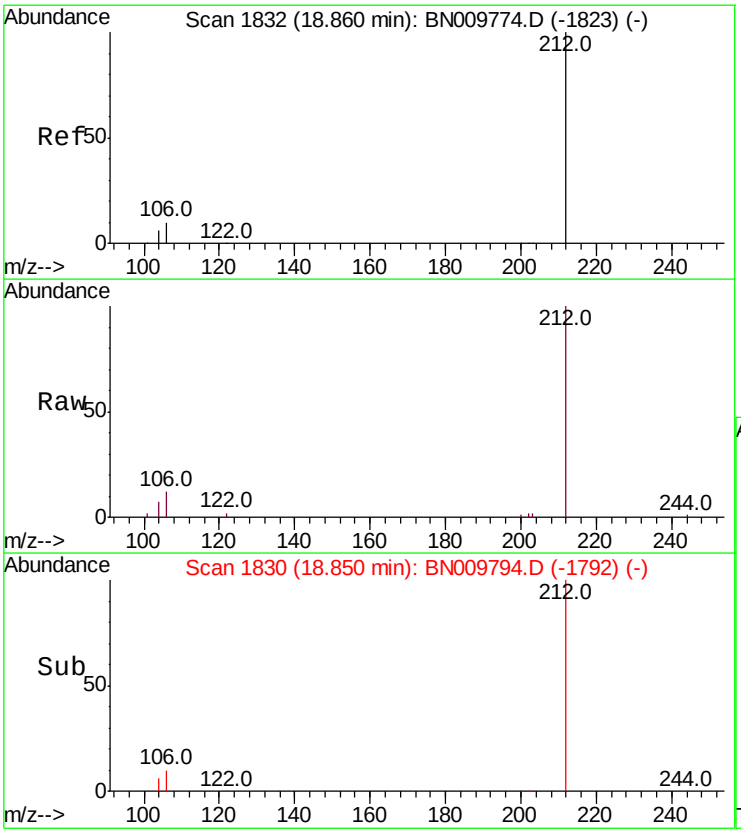
#24
Anthracene
Concen: 0.022 ng
RT: 16.95 min Scan# 1561
Delta R.T. -0.00 min
Lab File: BN009794.D
Acq: 21 Feb 2020 00:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 291

Ion	Ratio	Lower	Upper
178	100		
176	16.8	14.3	21.5
179	14.4	12.4	18.6

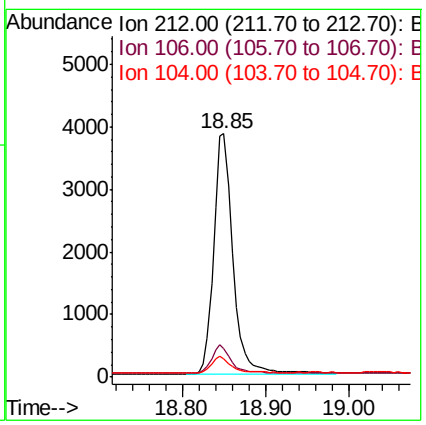


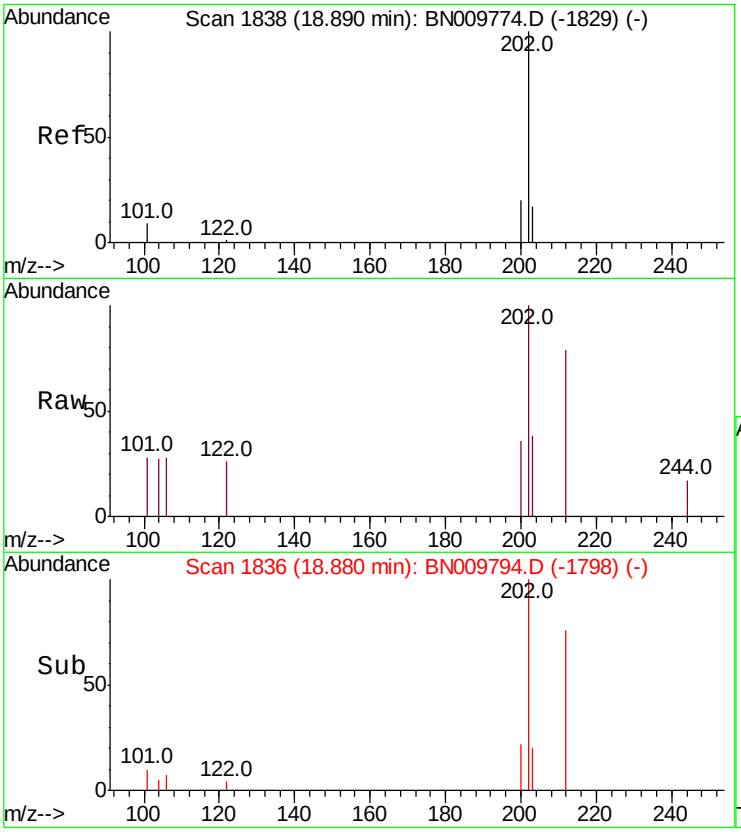


#25
Fluoranthene-d10
Concen: 0.335 ng
RT: 18.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BN009794.D
Acq: 21 Feb 2020 00:23

Tgt Ion:212 Resp: 6117

Ion	Ratio	Lower	Upper
212	100		
106	11.2	8.4	12.6
104	6.5	4.8	7.2



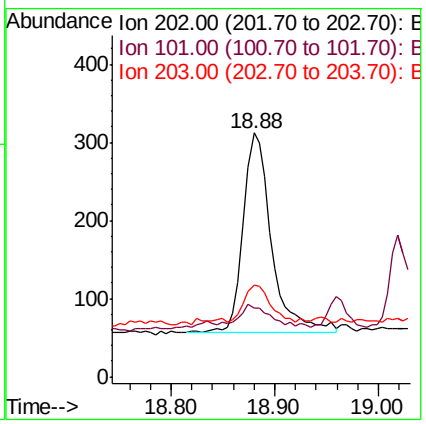


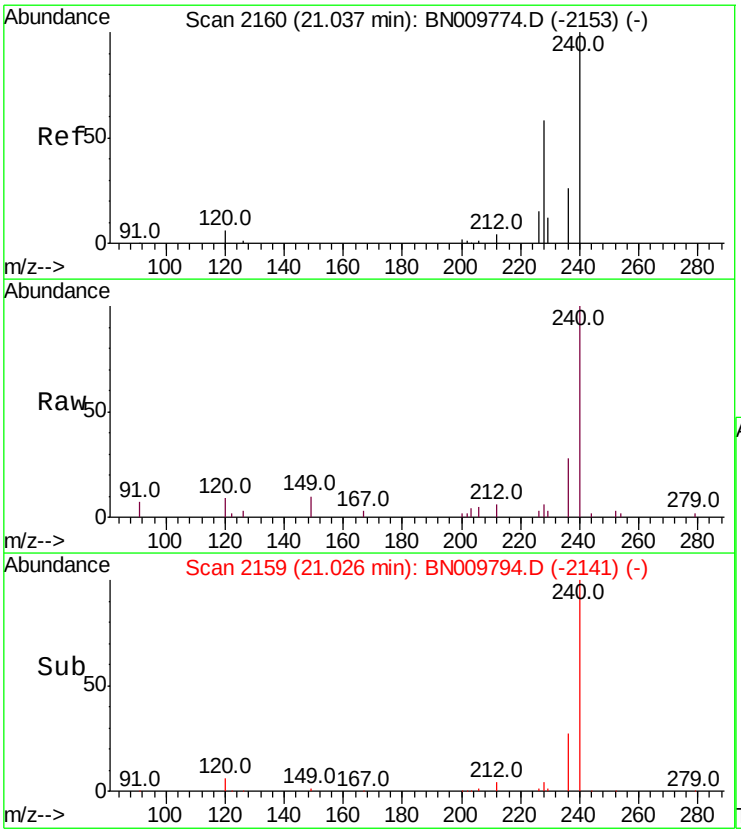
#26
Fluoranthene
Concen: 0.025 ng
RT: 18.88 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BN009794.D
Acq: 21 Feb 2020 00:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 477

Ion	Ratio	Lower	Upper
202	100		
101	10.7	7.1	10.7#
203	17.6	13.8	20.6

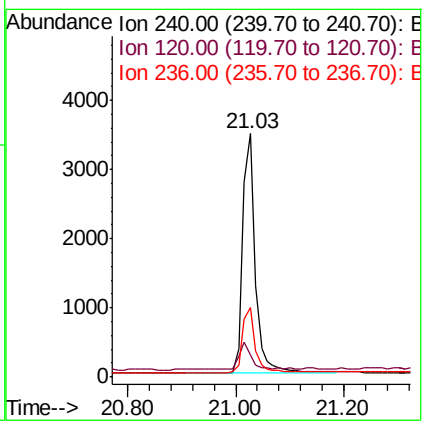


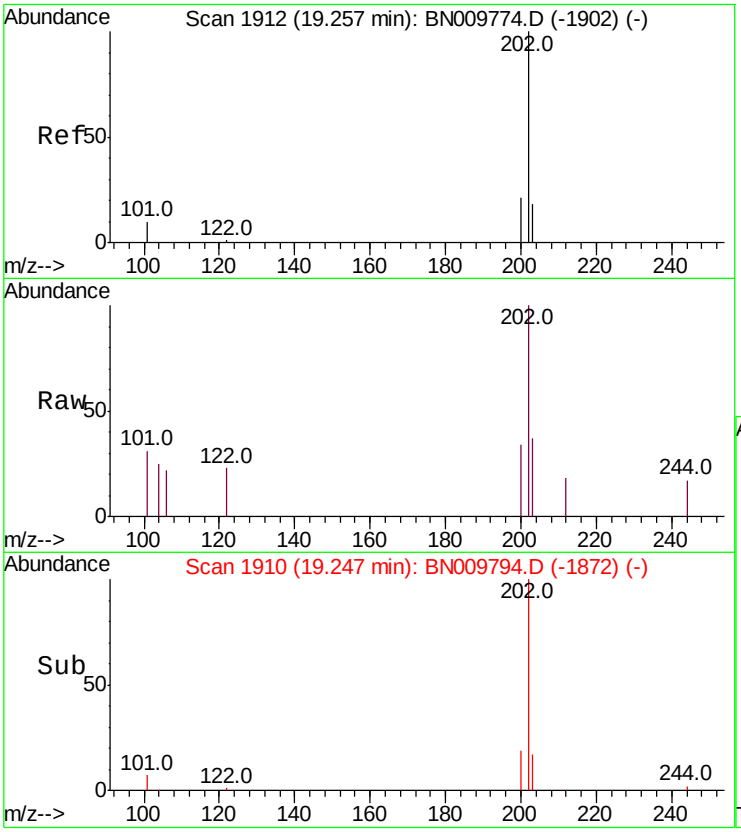


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.03 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BN009794.D
Acq: 21 Feb 2020 00:23

Tgt Ion:240 Resp: 5703

Ion	Ratio	Lower	Upper
240	100		
120	9.2	7.9	11.9
236	28.4	22.0	33.0



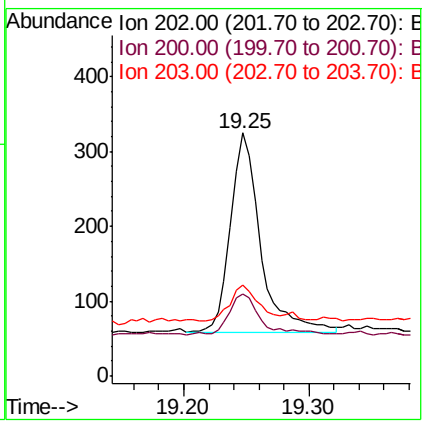


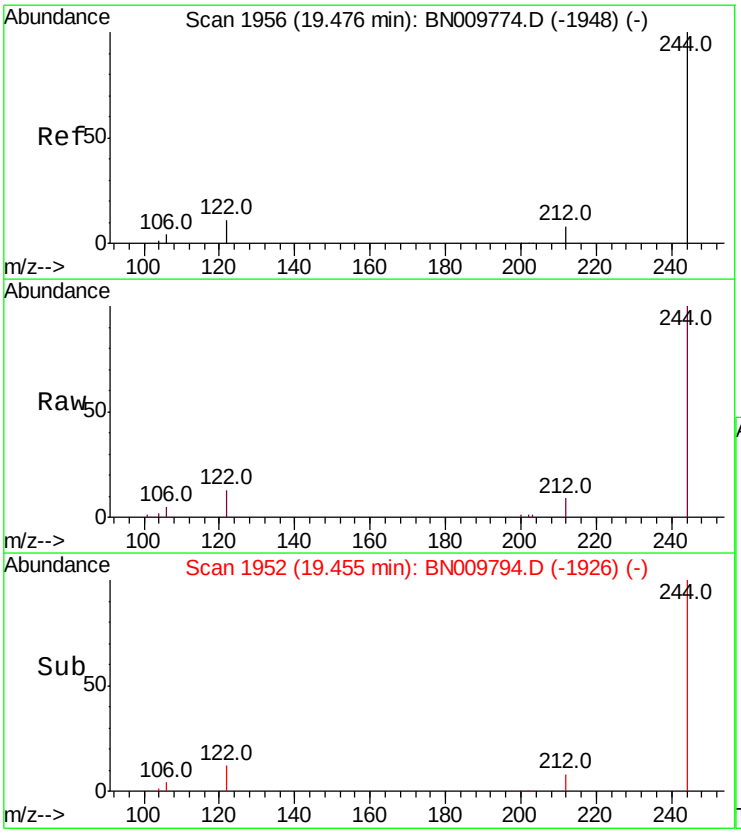
#28
Pyrene
Concen: 0.020 ng
RT: 19.25 min Scan# 1910
Delta R.T. -0.01 min
Lab File: BN009794.D
Acq: 21 Feb 2020 00:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 440

Ion	Ratio	Lower	Upper
202	100		
200	21.8	16.4	24.6
203	17.3	13.9	20.9

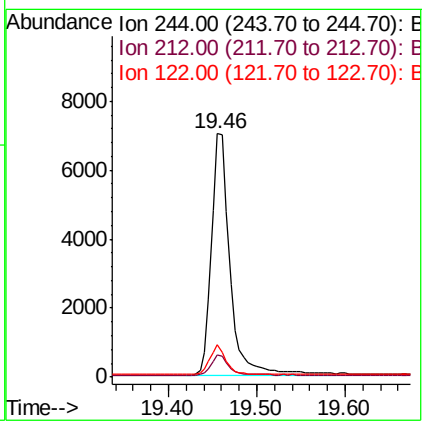


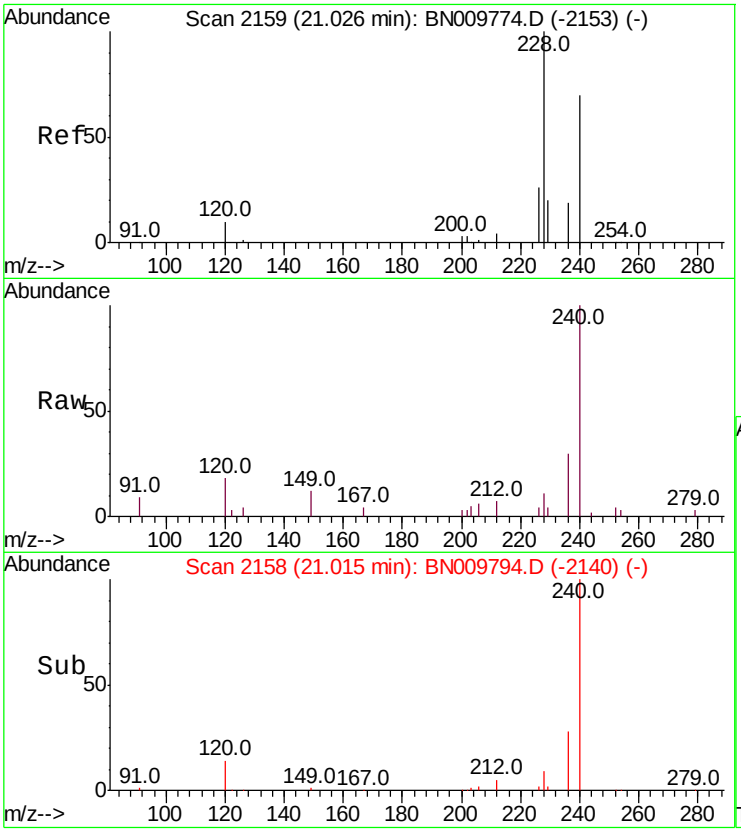


#29
Terphenyl-d14
Concen: 0.749 ng
RT: 19.46 min Scan# 1952
Delta R.T. -0.02 min
Lab File: BN009794.D
Acq: 21 Feb 2020 00:23

Tgt Ion:244 Resp: 10206

Ion	Ratio	Lower	Upper
244	100		
212	9.0	8.0	12.0
122	13.1	10.0	15.0



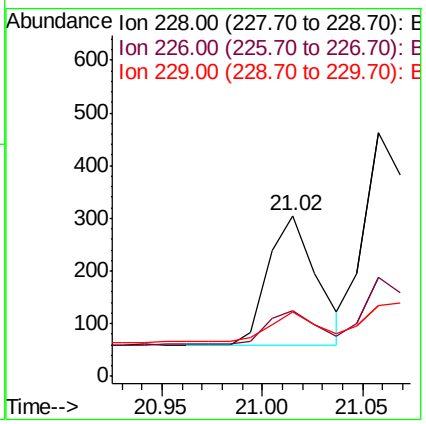


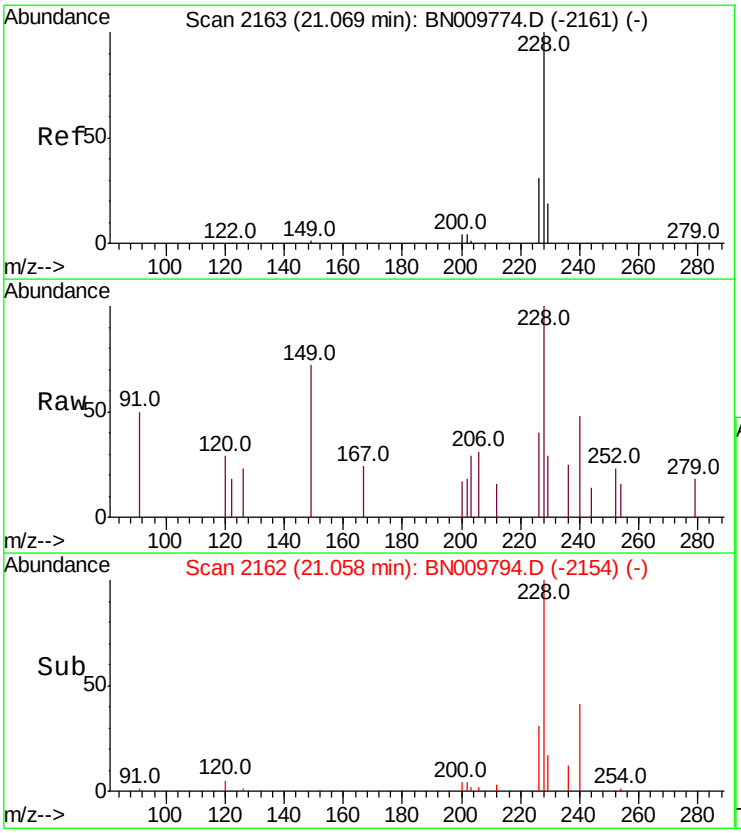
#30
Benzo(a)anthracene
Concen: 0.022 ng
RT: 21.02 min Scan# 2158
Delta R.T. -0.01 min
Lab File: BN009794.D
Acq: 21 Feb 2020 00:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 415

Ion	Ratio	Lower	Upper
228	100		
226	40.7	21.8	32.8#
229	40.0	17.1	25.7#

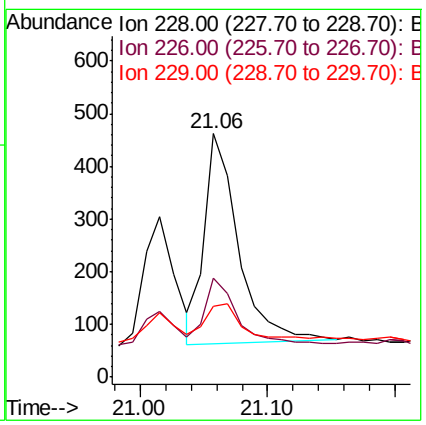


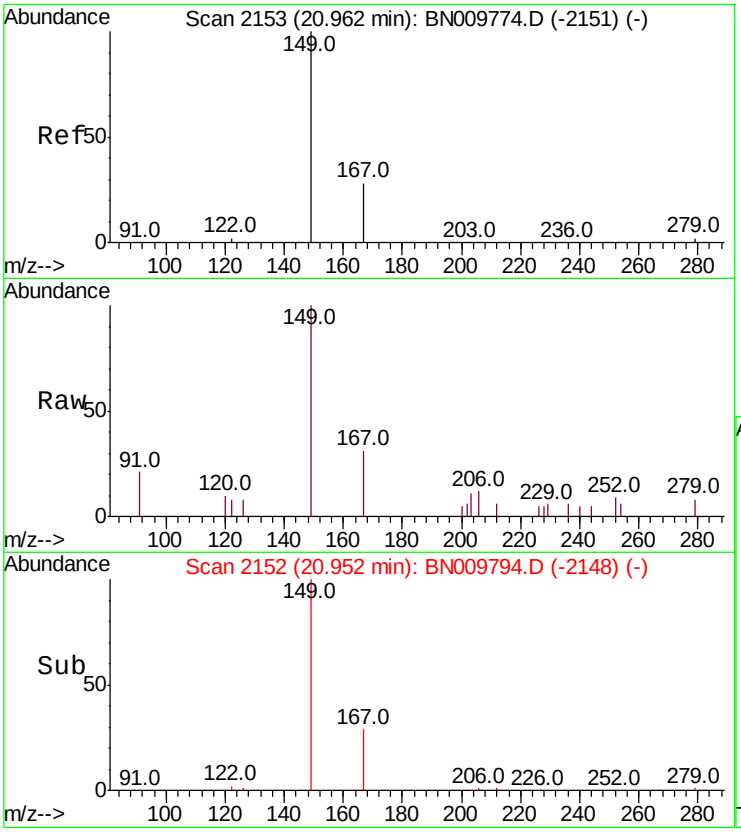


#31
Chrysene
Concen: 0.034 ng
RT: 21.06 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BN009794.D
Acq: 21 Feb 2020 00:23

Tgt Ion:228 Resp: 738

Ion	Ratio	Lower	Upper
228	100		
226	40.5	24.8	37.2#
229	29.2	16.4	24.6#



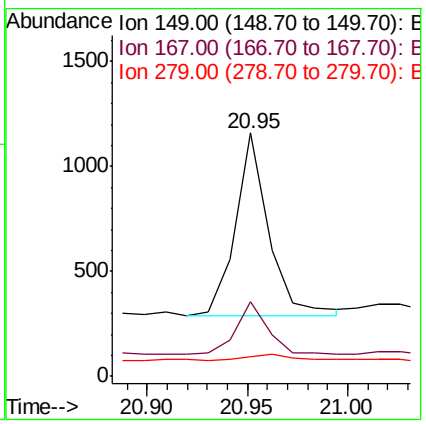


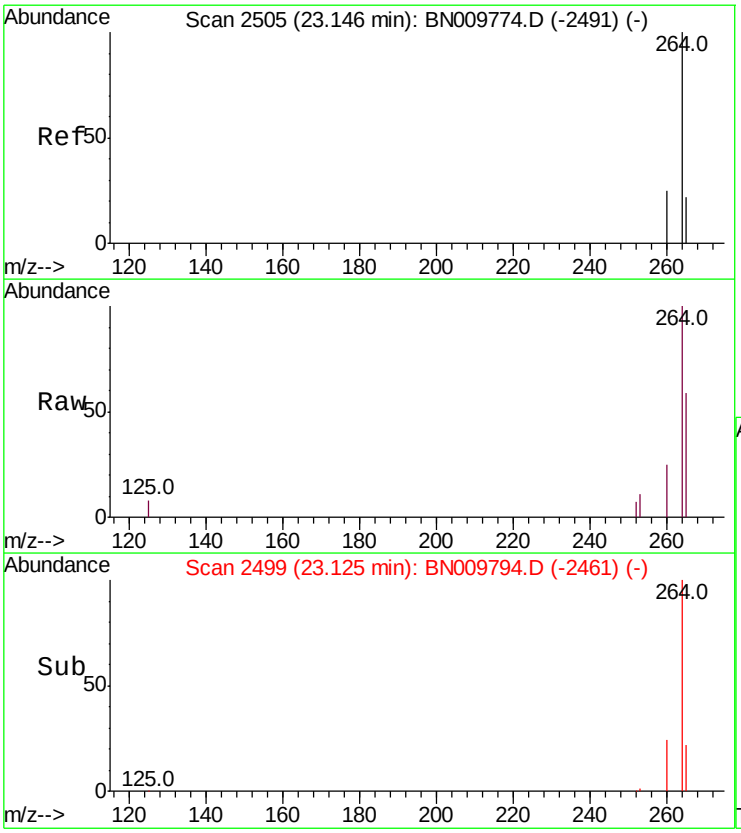
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.109 ng
RT: 20.95 min Scan# 2152
Delta R.T. -0.01 min
Lab File: BN009794.D
Acq: 21 Feb 2020 00:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:149 Resp: 1007

Ion	Ratio	Lower	Upper
149	100		
167	26.2	22.7	34.1
279	5.0	3.1	4.7#





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.13 min Scan# 2499
Delta R.T. -0.02 min
Lab File: BN009794.D
Acq: 21 Feb 2020 00:23

Tgt Ion:264 Resp: 5671

Ion	Ratio	Lower	Upper
264	100		
260	25.3	21.1	31.7
265	58.8	57.5	86.3