Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031021\
Data File : BN013901.D
Acq On : 10 Mar 2021 11:32
Operator : CG/JU
Sample : M1611-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : EB-01-030921

Quant Time: Mar 10 12:02:47 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 08 10:32:09 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.724	152	7099	0.40	ng		0.00
7) Naphthalene-d8	10.492	136	27939	0.40	ng		#-0.01
13) Acenaphthene-d10	14.346	164	12372	0.40	ng		0.00
19) Phenanthrene-d10	17.092	188	31216	0.40	ng		# 0.00
29) Chrysene-d12	21.261	240	27783	0.40	ng		0.00
36) Perylene-d12	23.486	264	7733	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.316	112	1141	0.06	ng		0.00
5) Phenol-d6	6.887	99	780	0.03	ng		0.00
8) Nitrobenzene-d5	8.857	82	5678	0.32	ng		0.00
11) 2-Methylnaphthalene-d10	12.088	152	12471	0.28	ng		0.00
14) 2,4,6-Tribromophenol	15.843	330	1480	0.29	ng		0.00
15) 2-Fluorobiphenyl	12.963	172	17536	0.40	ng		-0.01
27) Fluoranthene-d10	19.119	212	32204	0.35	ng		0.00
31) Terphenyl-d14	19.719	244	33836	0.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.263	88	504	0.06	ng	#	33
3) n-Nitrosodimethylamine	3.553	42	445	0.07	ng	#	1
24) Pentachlorophenol	16.739	266	150	0.03	ng		97
25) Phenanthrene	17.128	178	2253	0.03	ng		98
28) Fluoranthene	19.149	202	3405	0.03	ng	#	95
30) Pyrene	19.511	202	2052	0.02	ng		97
32) Benzo(a)anthracene	21.250	228	2634	0.03	ng		95
33) Chrysene	21.303	228	2956	0.04	ng	#	96
34) Bis(2-ethylhexyl)phtha...	21.186	149	5458	0.13	ng		99
37) Benzo(b)fluoranthene	22.818	252	3224	0.13	ng	#	48
38) Benzo(k)fluoranthene	22.863	252	2387	0.10	ng	#	51
39) Benzo(a)pyrene	23.386	252	1575	0.07	ng	#	1
40) Dibenzo(a,h)anthracene	25.731	278	1850	0.08	ng	#	65
41) Benzo(g,h,i)perylene	26.402	276	1602	0.07	ng	#	76

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031021\
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Operator : CG/JU
Sample : M1611-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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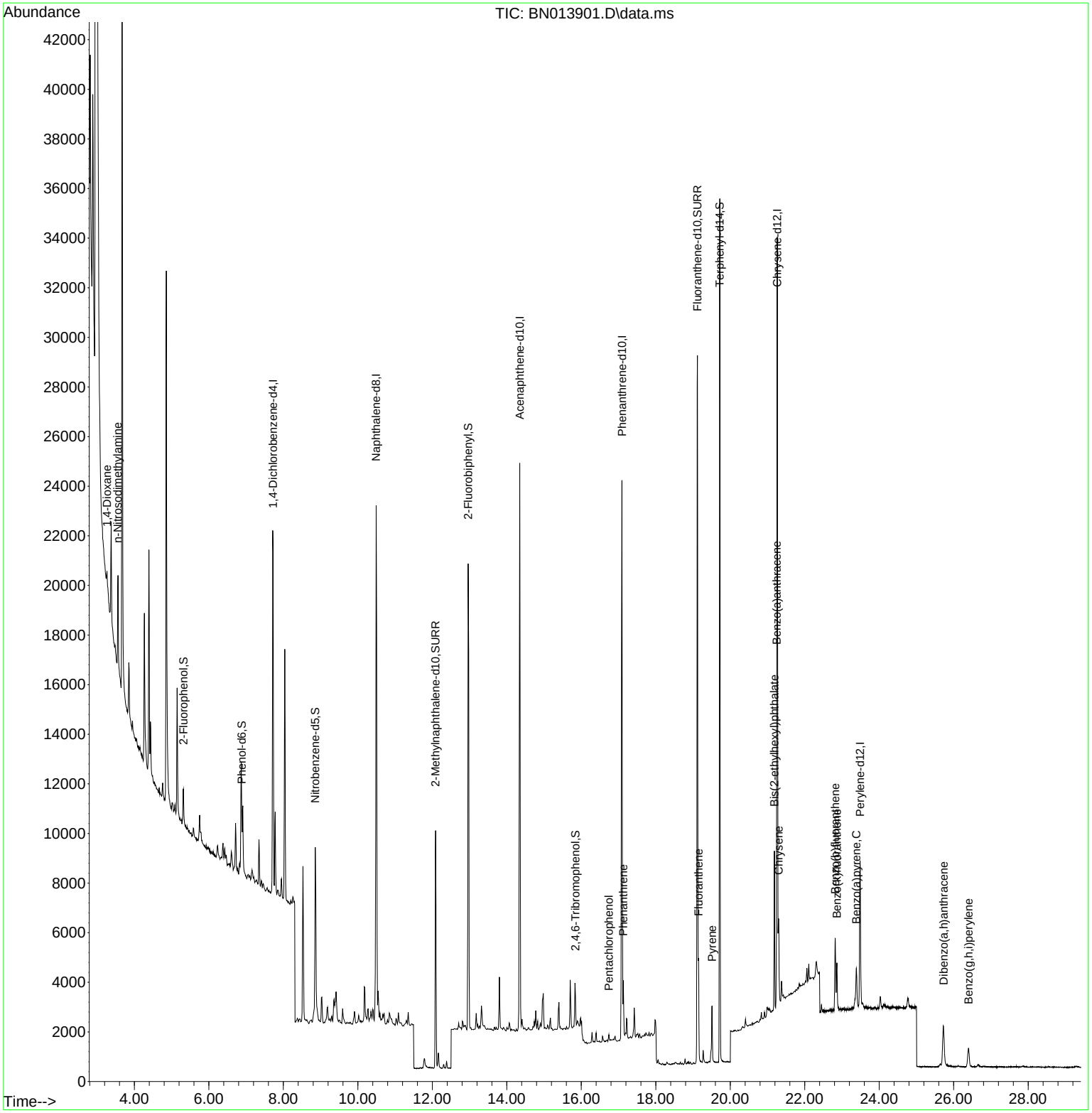
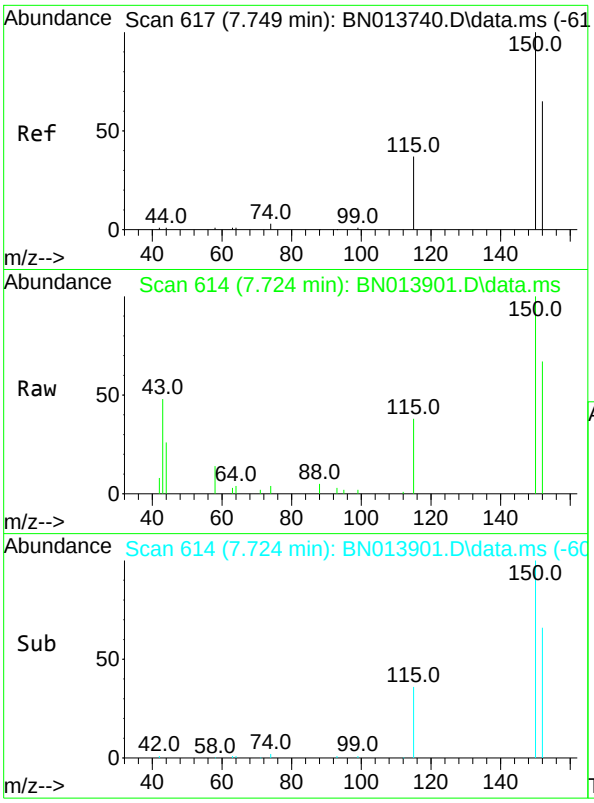
Quant Time: Mar 10 12:02:47 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 08 10:32:09 2021
Response via : Initial Calibration



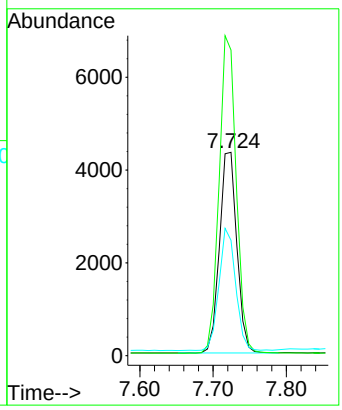
Instrument :
BNA_N
ClientSampleId :
EB-01-030921

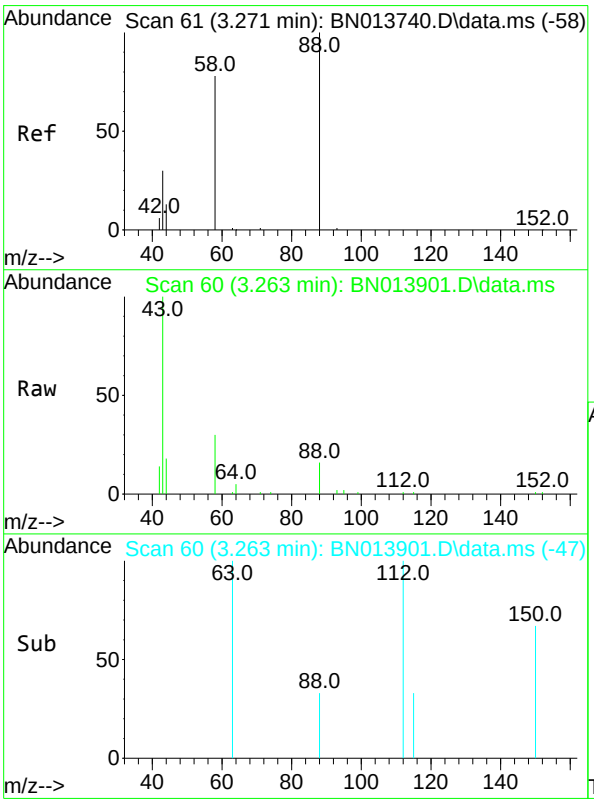


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.724 min Scan# 614
Delta R.T. 0.000 min
Lab File: BN013901.D
Acq: 10 Mar 2021 11:32

Tgt Ion:152 Resp: 7099

Ion	Ratio	Lower	Upper
152	100		
150	150.3	121.8	182.8
115	56.7	46.6	69.8

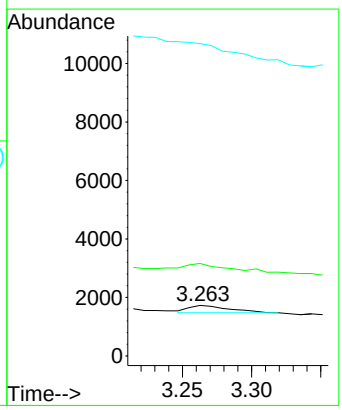




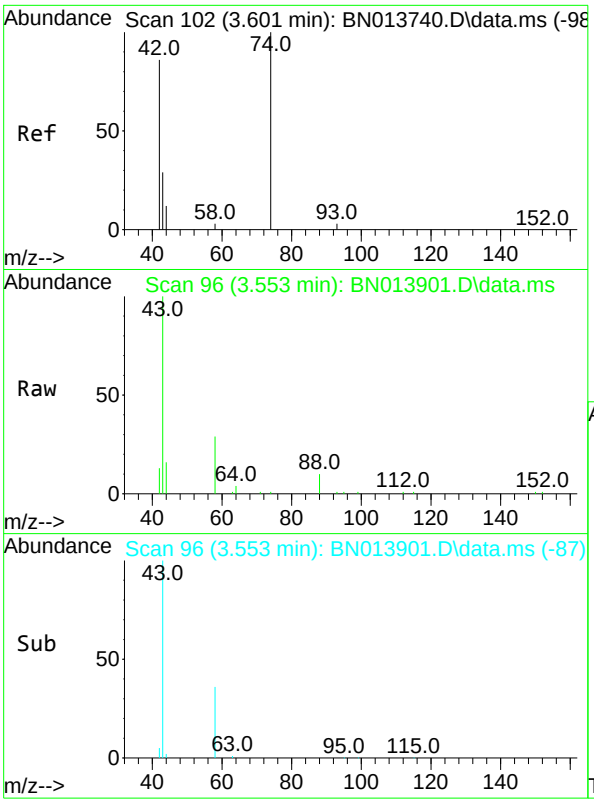
#2
1,4-Dioxane
Concen: 0.06 ng
RT: 3.263 min Scan# 60
Delta R.T. 0.008 min
Lab File: BN013901.D
Acq: 10 Mar 2021 11:32

Tgt Ion: 88 Resp: 504

Ion	Ratio	Lower	Upper
88	100		
58	143.1	64.6	96.8#
43	0.0	26.6	40.0#



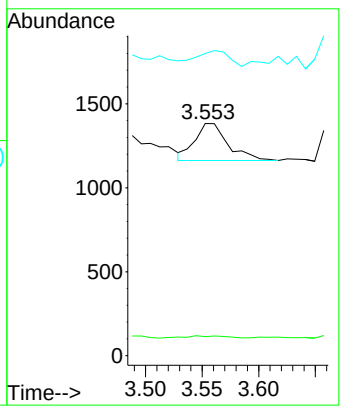
Instrument :
BNA_N
ClientSampleId :
EB-01-030921

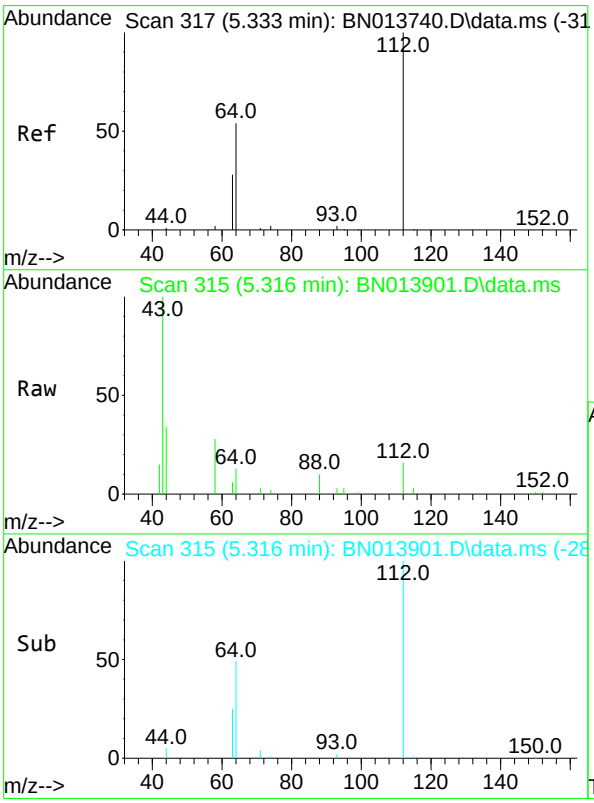


#3
n-Nitrosodimethylamine
Concen: 0.07 ng
RT: 3.553 min Scan# 96
Delta R.T. -0.024 min
Lab File: BN013901.D
Acq: 10 Mar 2021 11:32

Tgt Ion: 42 Resp: 445

Ion	Ratio	Lower	Upper
42	100		
74	7.2	95.0	142.6#
44	41.8	5.8	8.8#

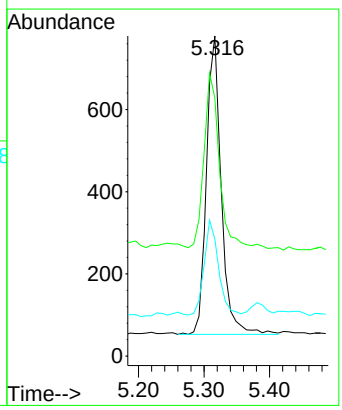




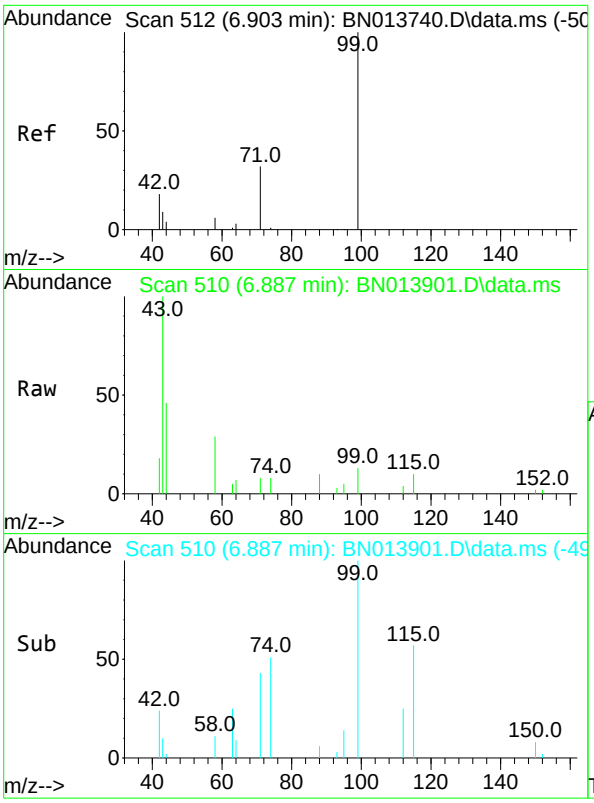
#4
2-Fluorophenol
Concen: 0.06 ng
RT: 5.316 min Scan# 315
Delta R.T. 0.008 min
Lab File: BN013901.D
Acq: 10 Mar 2021 11:32

Tgt Ion:112 Resp: 1141

Ion	Ratio	Lower	Upper
112	100		
64	64.2	44.3	66.5
63	30.6	23.0	34.6



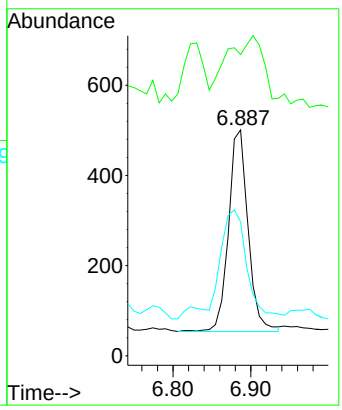
Instrument :
BNA_N
ClientSampleId :
EB-01-030921

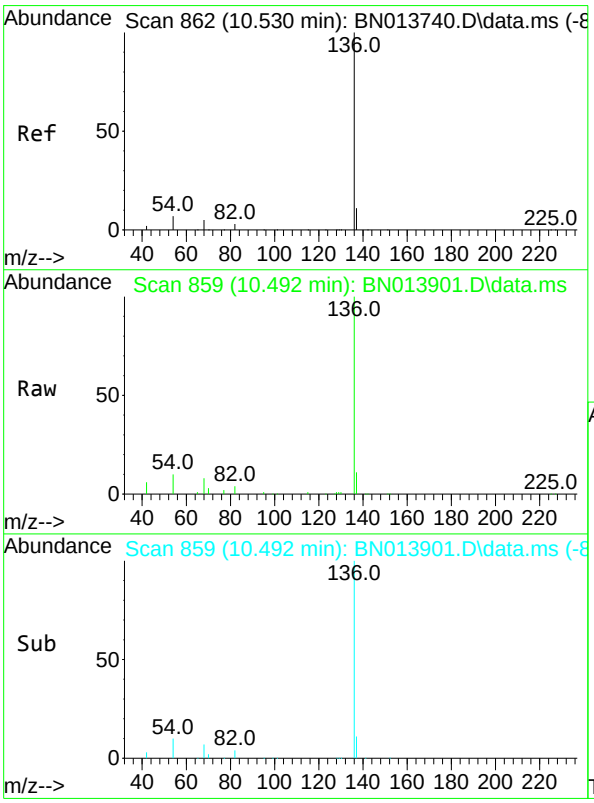


#5
Phenol-d6
Concen: 0.03 ng
RT: 6.887 min Scan# 510
Delta R.T. 0.008 min
Lab File: BN013901.D
Acq: 10 Mar 2021 11:32

Tgt Ion: 99 Resp: 780

Ion	Ratio	Lower	Upper
99	100		
42	0.0	15.2	22.8#
71	72.6	26.1	39.1#

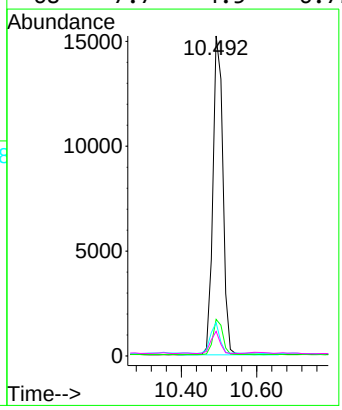




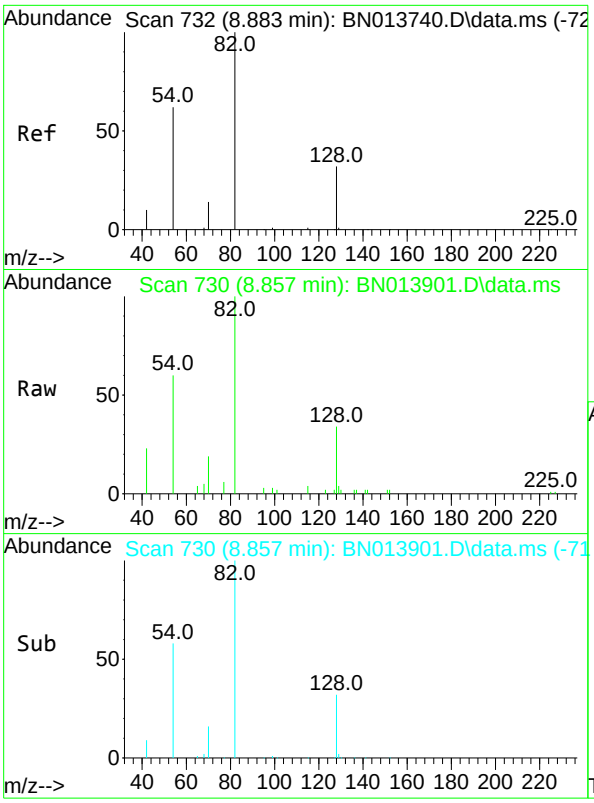
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.492 min Scan# 859
Delta R.T. -0.013 min
Lab File: BN013901.D
Acq: 10 Mar 2021 11:32

Tgt Ion:136 Resp: 27939

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.6
54	10.4	6.4	9.6#
68	7.7	4.5	6.7#



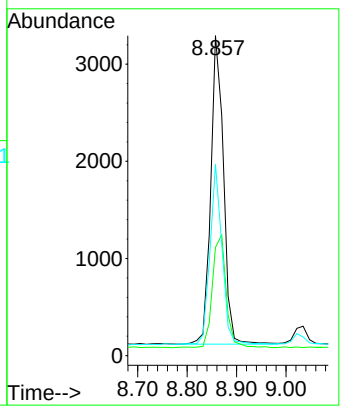
Instrument :
BNA_N
ClientSampleId :
EB-01-030921

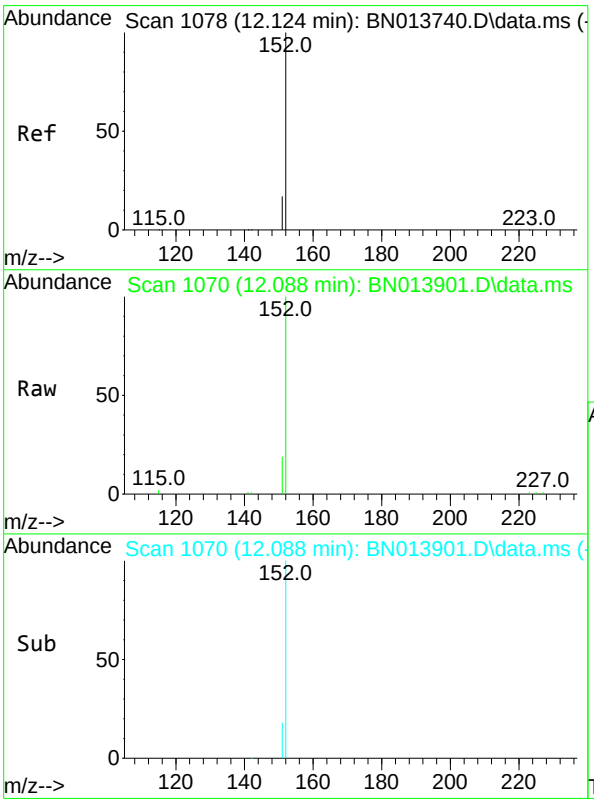


#8
Nitrobenzene-d5
Concen: 0.32 ng
RT: 8.857 min Scan# 730
Delta R.T. 0.000 min
Lab File: BN013901.D
Acq: 10 Mar 2021 11:32

Tgt Ion: 82 Resp: 5678

Ion	Ratio	Lower	Upper
82	100		
128	33.8	39.2	58.8#
54	59.7	40.1	60.1

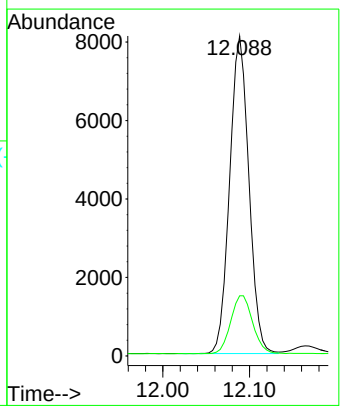


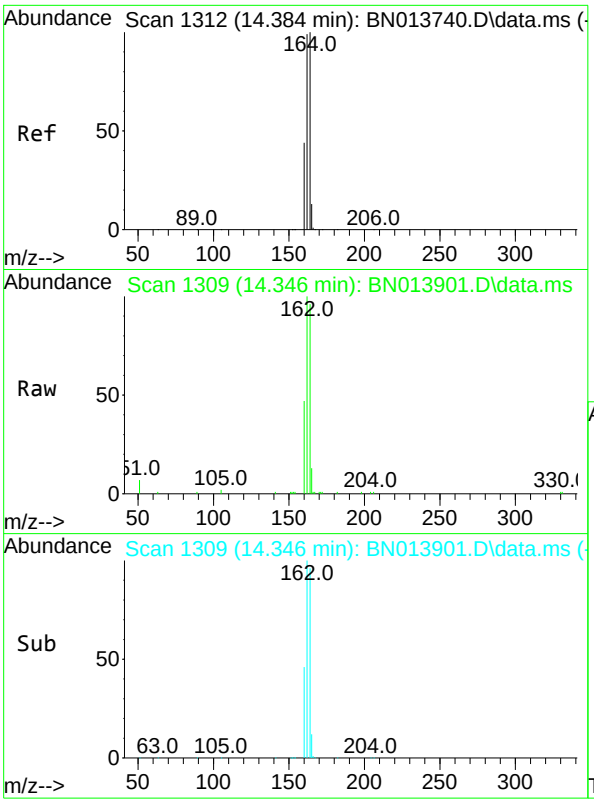


#11
2-Methylnaphthalene-d10
Concen: 0.28 ng
RT: 12.088 min Scan# 1070
Delta R.T. -0.004 min
Lab File: BN013901.D
Acq: 10 Mar 2021 11:32

Tgt Ion:152 Resp: 12471

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.2	24.2

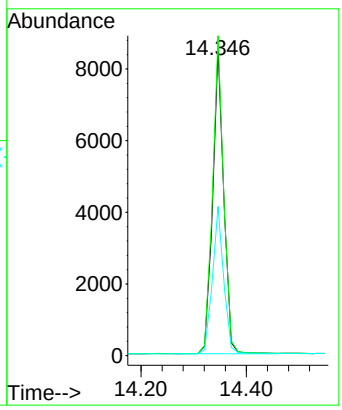




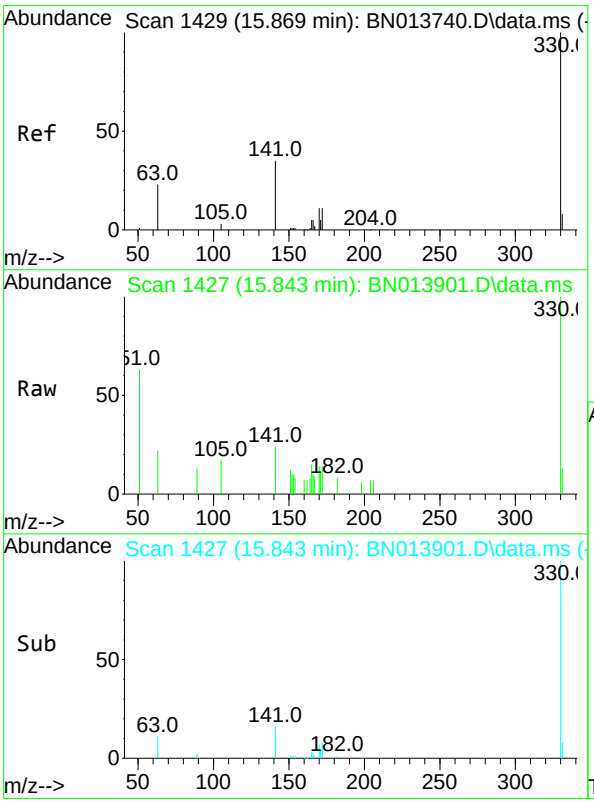
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.346 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BN013901.D
Acq: 10 Mar 2021 11:32

Tgt Ion:164 Resp: 12372

Ion	Ratio	Lower	Upper
164	100		
162	104.0	79.6	119.4
160	48.5	36.0	54.0



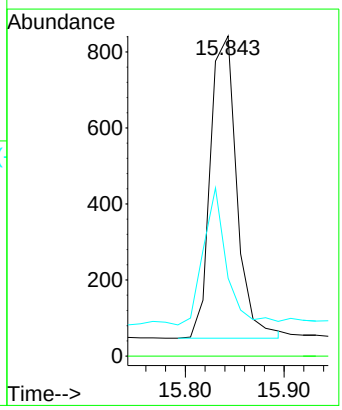
Instrument :
BNA_N
ClientSampleId :
EB-01-030921



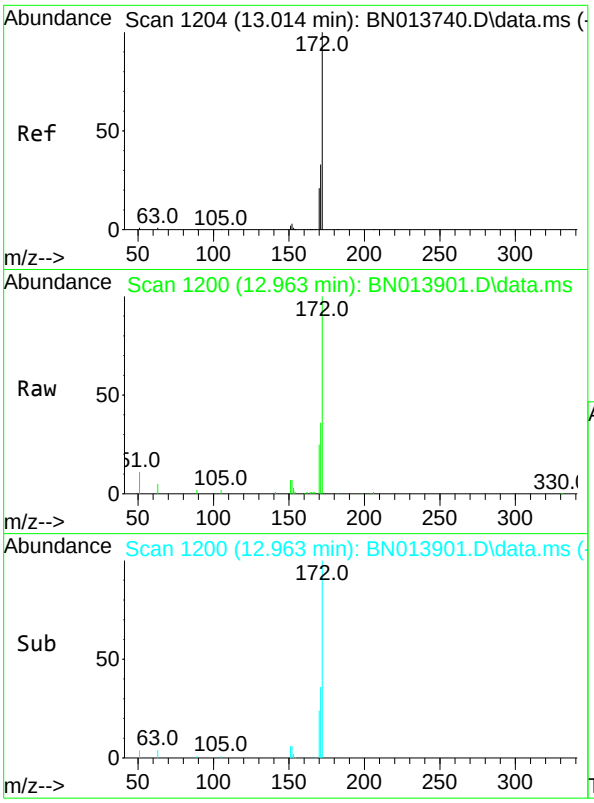
#14
2,4,6-Tribromophenol
Concen: 0.29 ng
RT: 15.843 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BN013901.D
Acq: 10 Mar 2021 11:32

Tgt Ion:330 Resp: 1480

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	40.0	26.8	40.2



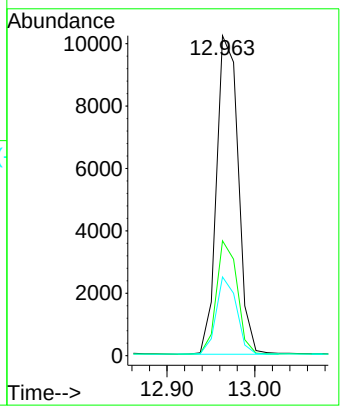
Instrument :
BNA_N
ClientSampleId :
EB-01-030921

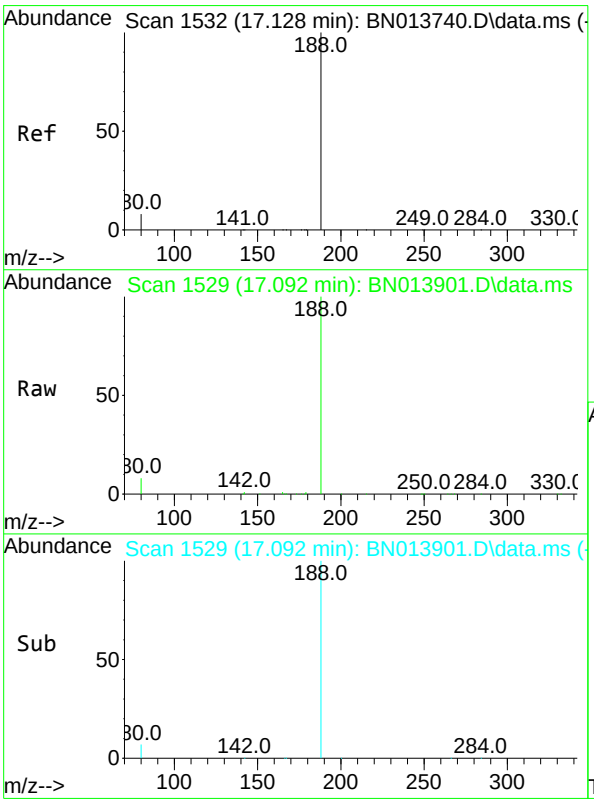


#15
2-Fluorobiphenyl
Concen: 0.40 ng
RT: 12.963 min Scan# 1200
Delta R.T. -0.013 min
Lab File: BN013901.D
Acq: 10 Mar 2021 11:32

Tgt Ion:172 Resp: 17536

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	42.8
170	24.6	18.9	28.3

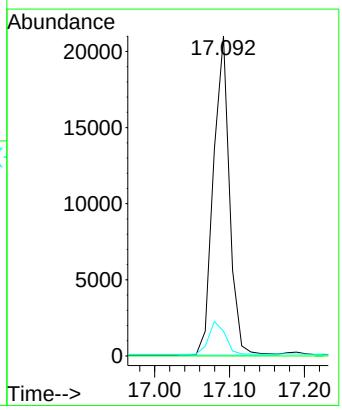




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.092 min Scan# 1529
Delta R.T. 0.001 min
Lab File: BN013901.D
Acq: 10 Mar 2021 11:32

Tgt Ion:188 Resp: 31216

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.8	9.0	13.6#



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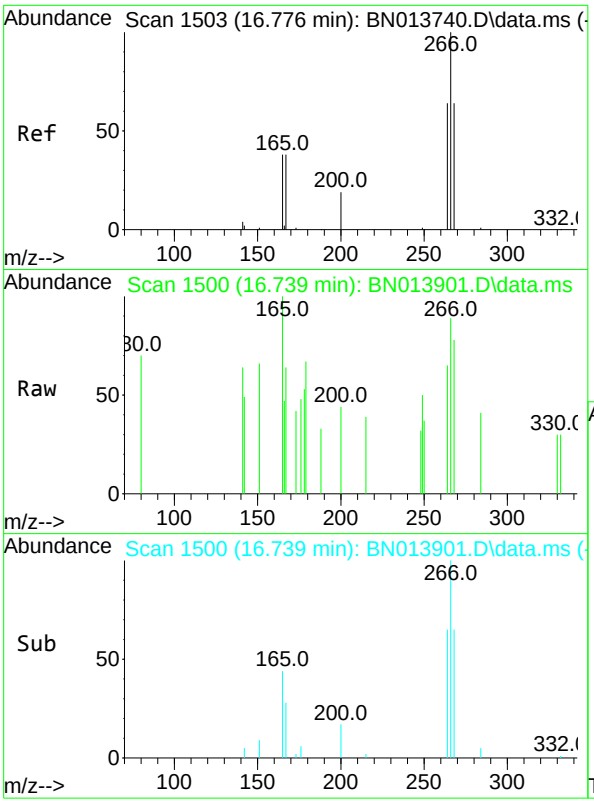
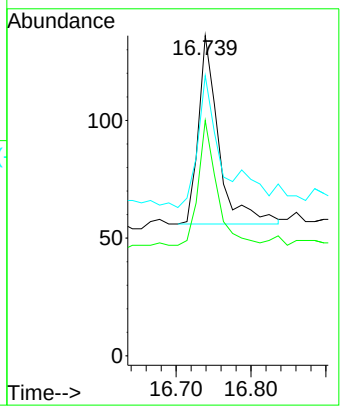
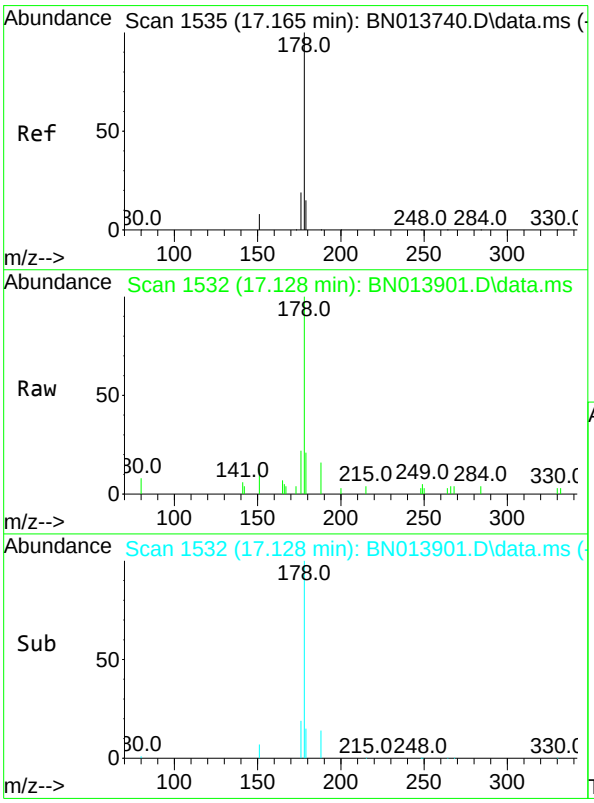


#24
Pentachlorophenol
Concen: 0.03 ng
RT: 16.739 min Scan# 1500
Delta R.T. 0.001 min
Lab File: BN013901.D
Acq: 10 Mar 2021 11:32

Tgt Ion:266 Resp: 150

Ion	Ratio	Lower	Upper
266	100		
264	60.7	51.6	77.4
268	66.7	54.6	82.0

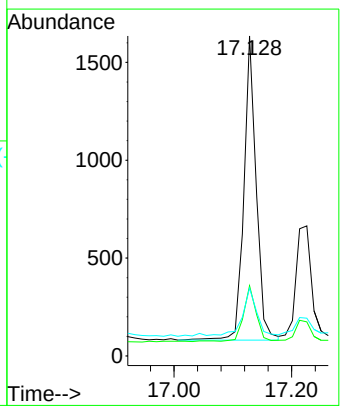


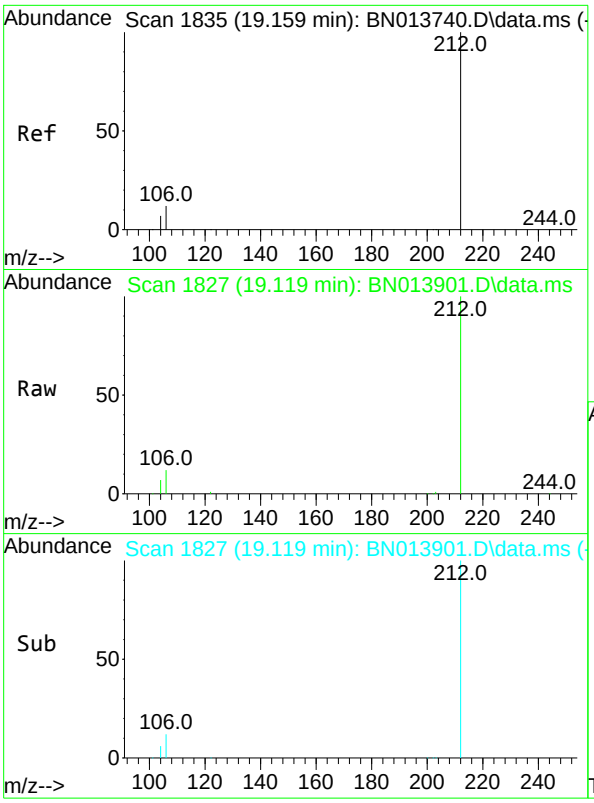


#25
Phenanthrene
Concen: 0.03 ng
RT: 17.128 min Scan# 1532
Delta R.T. 0.001 min
Lab File: BN013901.D
Acq: 10 Mar 2021 11:32

Tgt Ion:178 Resp: 2253

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.4
179	17.1	12.3	18.5

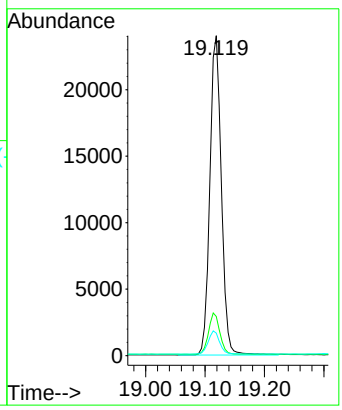




#27
Fluoranthene-d10
Concen: 0.35 ng
RT: 19.119 min Scan# 1827
Delta R.T. -0.002 min
Lab File: BN013901.D
Acq: 10 Mar 2021 11:32

Tgt Ion:212 Resp: 32204

Ion	Ratio	Lower	Upper
212	100		
106	12.8	9.7	14.5
104	7.2	5.5	8.3



Instrument :
BNA_N
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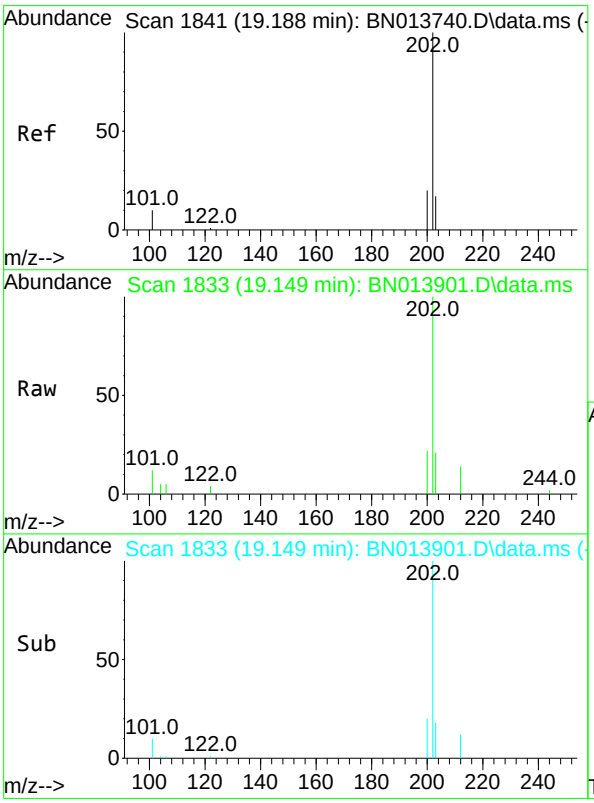
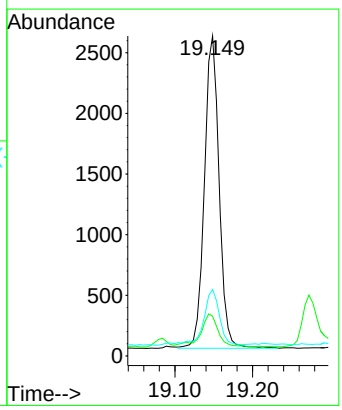
EB-01-030921



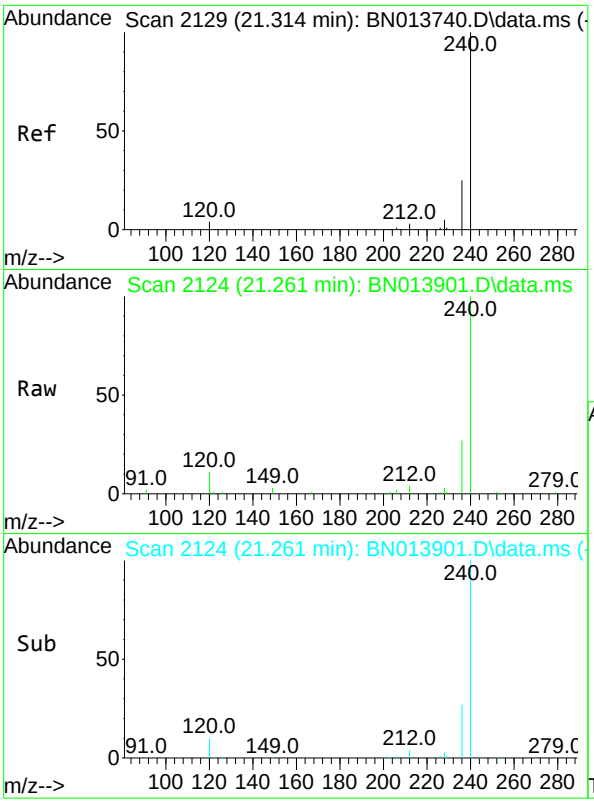
#28
Fluoranthene
Concen: 0.03 ng
RT: 19.149 min Scan# 1833
Delta R.T. -0.002 min
Lab File: BN013901.D
Acq: 10 Mar 2021 11:32

Tgt Ion:202 Resp: 3405

Ion	Ratio	Lower	Upper
202	100		
101	12.3	8.1	12.1#
203	19.4	13.9	20.9



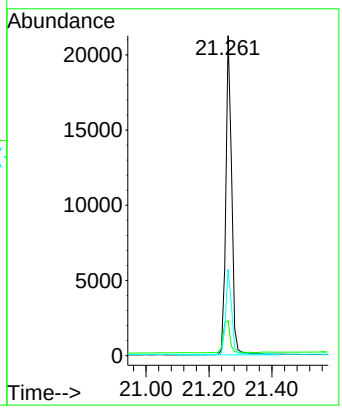
Instrument :
BNA_N
ClientSampleId :
EB-01-030921

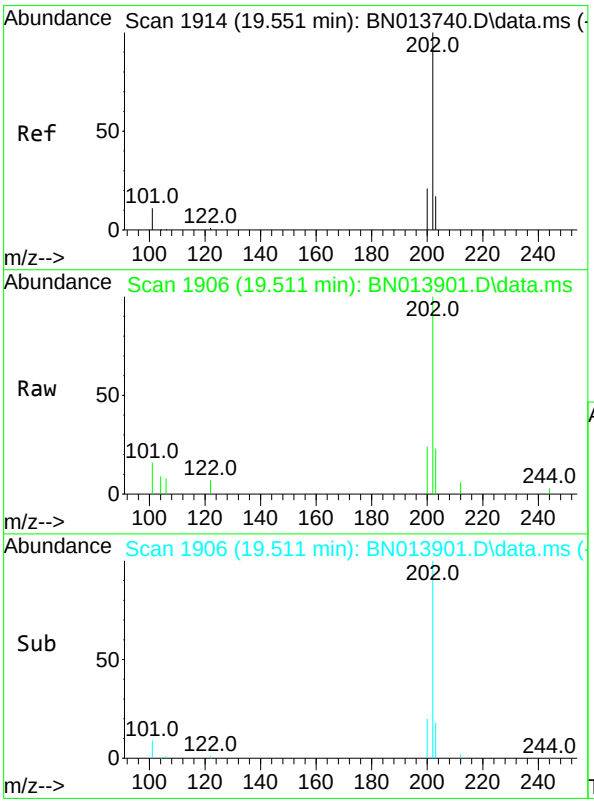


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.261 min Scan# 2124
Delta R.T. -0.008 min
Lab File: BN013901.D
Acq: 10 Mar 2021 11:32

Tgt Ion:240 Resp: 27783

Ion	Ratio	Lower	Upper
240	100		
120	11.0	10.2	15.4
236	27.0	21.3	31.9

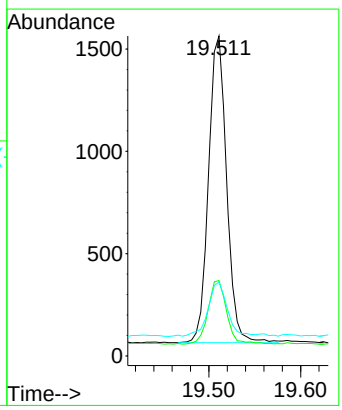




#30
Pyrene
Concen: 0.02 ng
RT: 19.511 min Scan# 1906
Delta R.T. -0.002 min
Lab File: BN013901.D
Acq: 10 Mar 2021 11:32

Tgt Ion:202 Resp: 2052

Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.3	24.5
203	19.2	14.0	21.0



Instrument :
BNA_N
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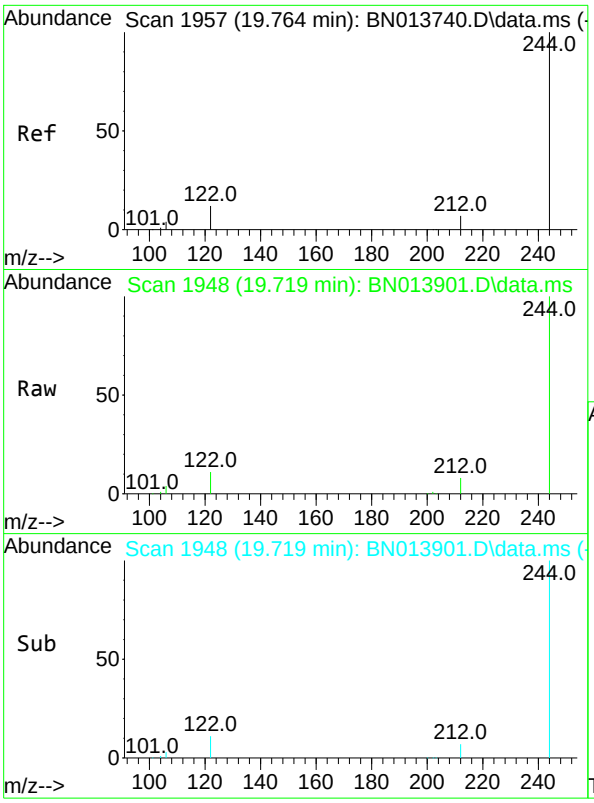
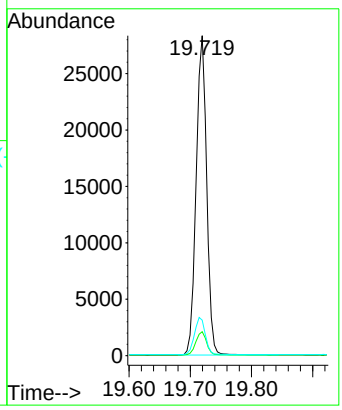
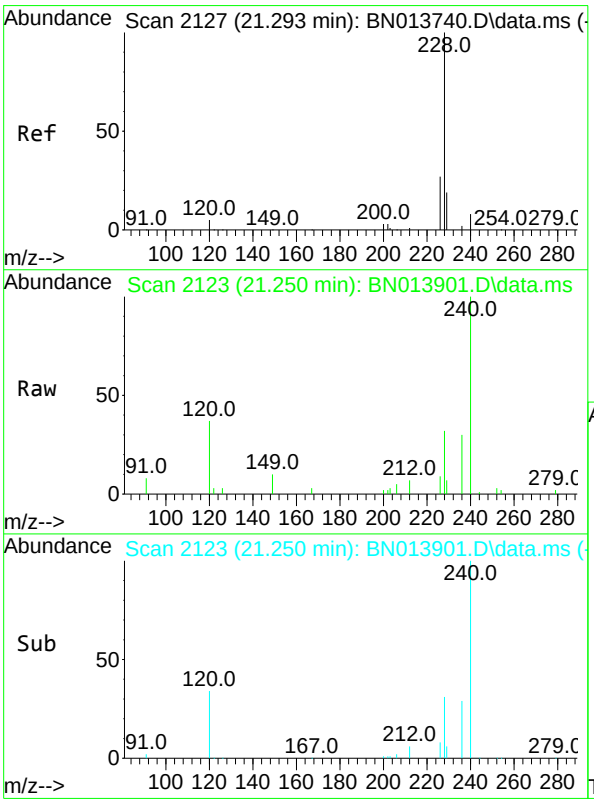


#31
Terphenyl-d14
Concen: 0.55 ng
RT: 19.719 min Scan# 1948
Delta R.T. -0.002 min
Lab File: BN013901.D
Acq: 10 Mar 2021 11:32

Tgt Ion:244 Resp: 33836

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.1	9.1
122	11.1	9.8	14.8

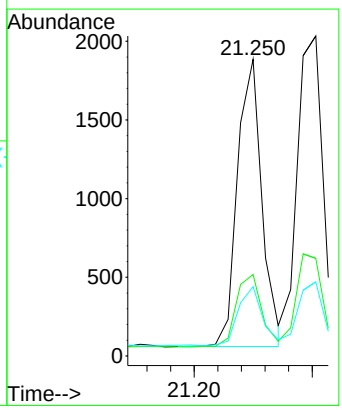




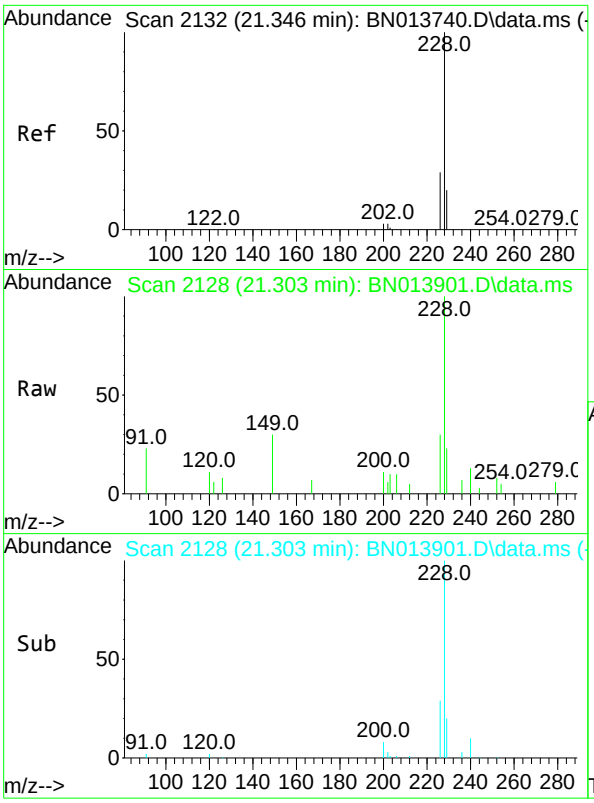
#32
Benzo(a)anthracene
Concen: 0.03 ng
RT: 21.250 min Scan# 2123
Delta R.T. 0.003 min
Lab File: BN013901.D
Acq: 10 Mar 2021 11:32

Tgt Ion:228 Resp: 2634

Ion	Ratio	Lower	Upper
228	100		
226	27.5	20.5	30.7
229	23.3	16.2	24.4



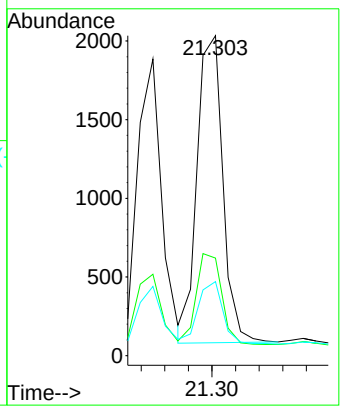
Instrument :
BNA_N
ClientSampleId :
EB-01-030921

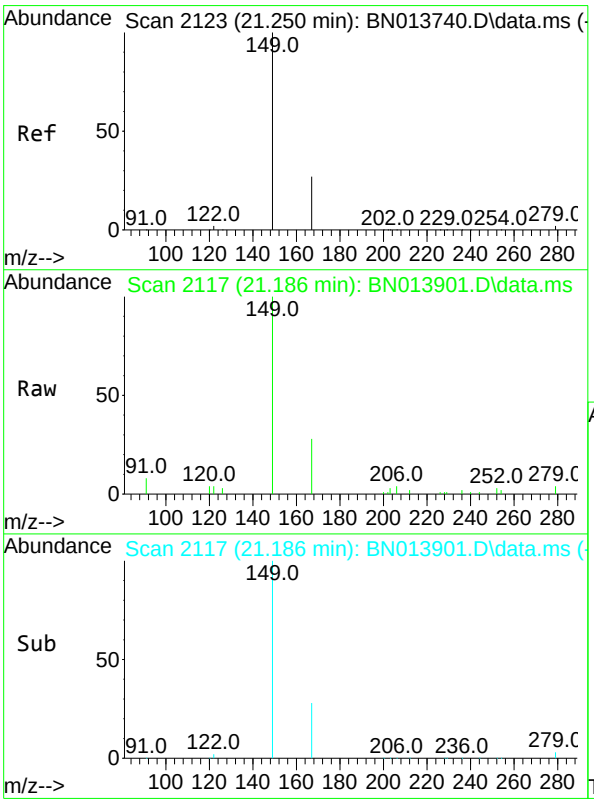


#33
Chrysene
Concen: 0.04 ng
RT: 21.303 min Scan# 2128
Delta R.T. 0.003 min
Lab File: BN013901.D
Acq: 10 Mar 2021 11:32

Tgt Ion:228 Resp: 2956

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.3	36.5
229	23.2	15.1	22.7#

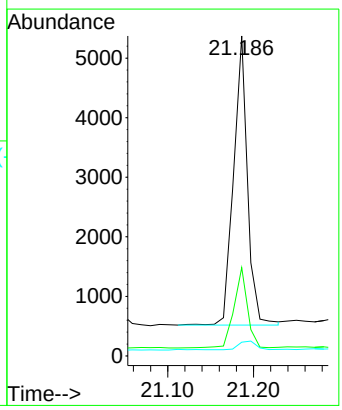




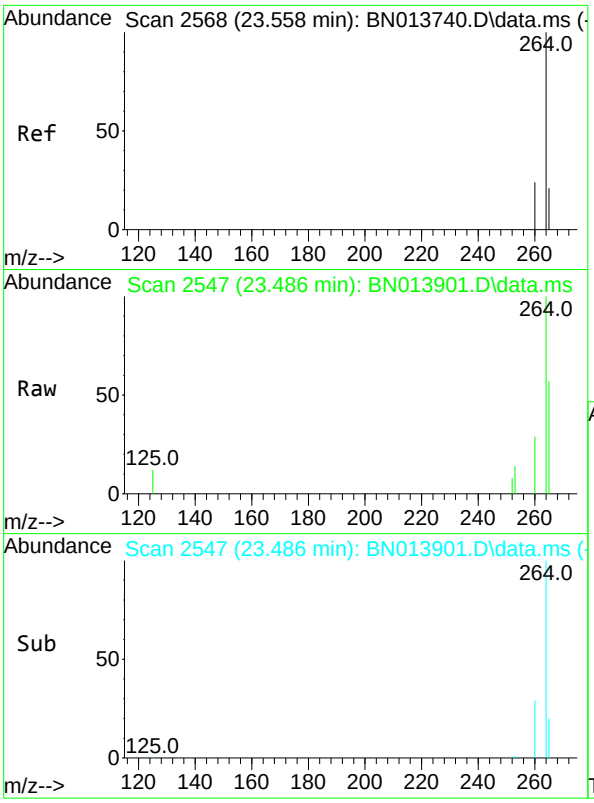
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.13 ng
RT: 21.186 min Scan# 2117
Delta R.T. -0.008 min
Lab File: BN013901.D
Acq: 10 Mar 2021 11:32

Tgt Ion:149 Resp: 5458

Ion	Ratio	Lower	Upper
149	100		
167	27.0	22.1	33.1
279	3.7	3.5	5.3



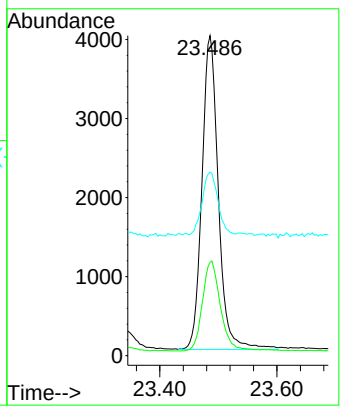
Instrument :
BNA_N
ClientSampleId :
EB-01-030921

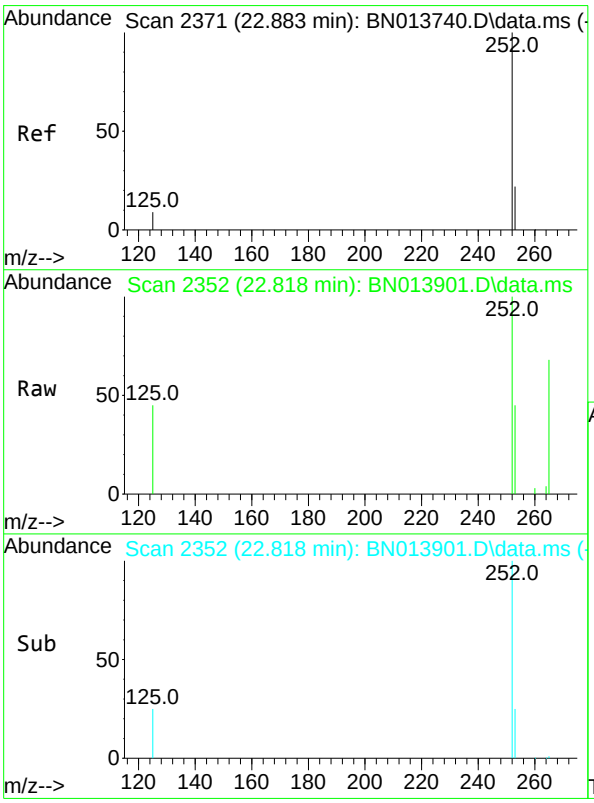


#36
Perylene-d12
Concen: 0.40 ng
RT: 23.486 min Scan# 2547
Delta R.T. -0.007 min
Lab File: BN013901.D
Acq: 10 Mar 2021 11:32

Tgt Ion:264 Resp: 7733

Ion	Ratio	Lower	Upper
264	100		
260	29.2	19.3	28.9#
265	57.4	66.2	99.4#

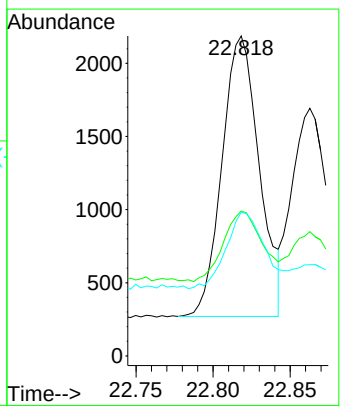




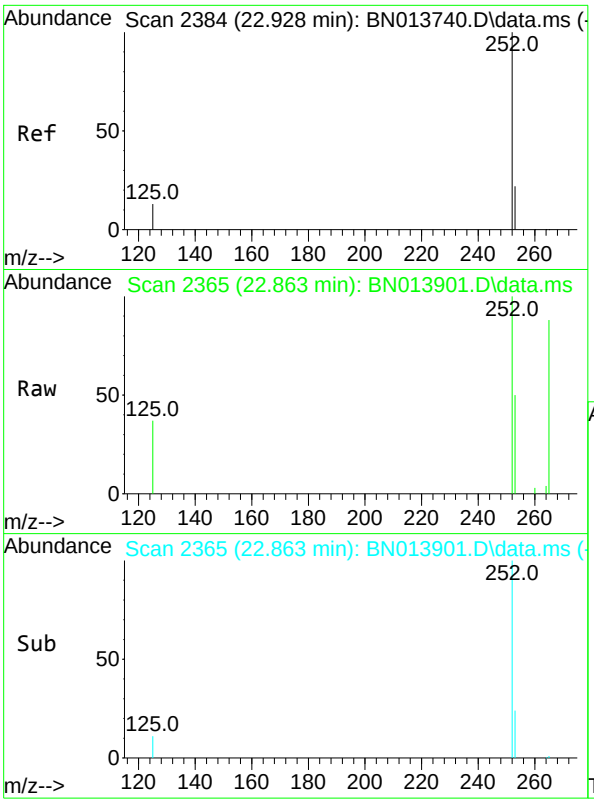
#37
Benzo(b)fluoranthene
Concen: 0.13 ng
RT: 22.818 min Scan# 2352
Delta R.T. -0.007 min
Lab File: BN013901.D
Acq: 10 Mar 2021 11:32

Tgt Ion:252 Resp: 3224

Ion	Ratio	Lower	Upper
252	100		
253	45.3	20.4	30.6#
125	45.0	11.6	17.4#



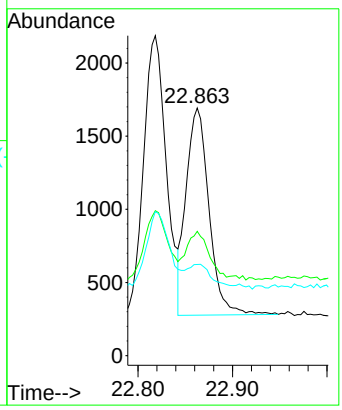
Instrument :
BNA_N
ClientSampleId :
EB-01-030921

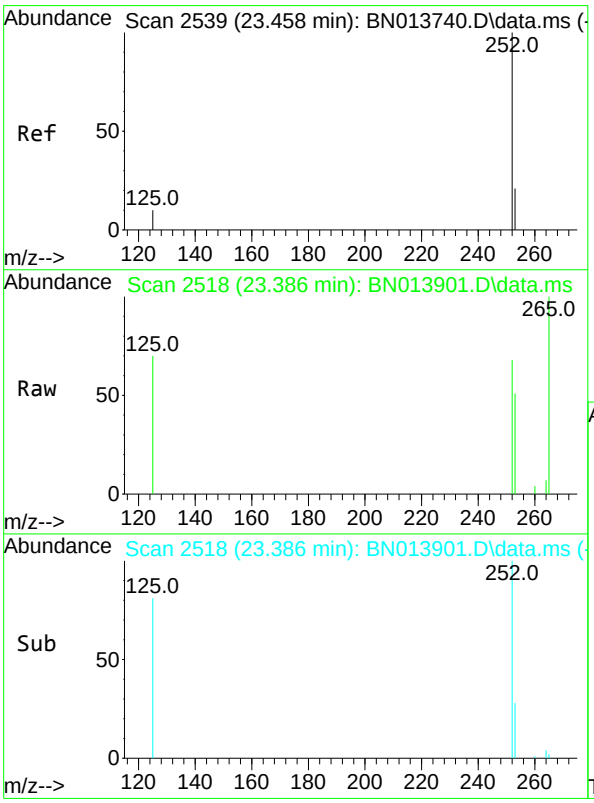


#38
Benzo(k)fluoranthene
Concen: 0.10 ng
RT: 22.863 min Scan# 2365
Delta R.T. -0.004 min
Lab File: BN013901.D
Acq: 10 Mar 2021 11:32

Tgt Ion:252 Resp: 2387

Ion	Ratio	Lower	Upper
252	100		
253	50.1	20.5	30.7#
125	36.8	12.3	18.5#

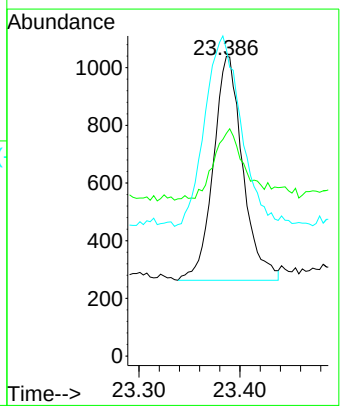




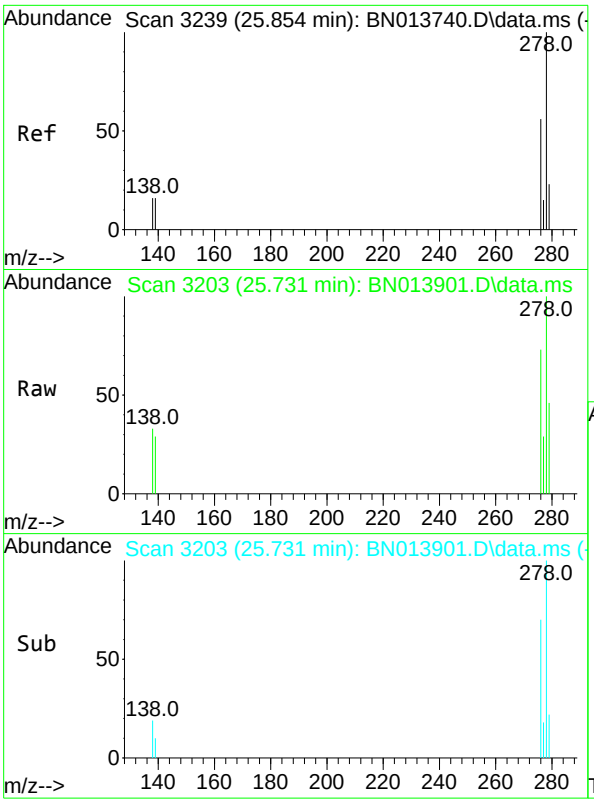
#39
Benzo(a)pyrene
Concen: 0.07 ng
RT: 23.386 min Scan# 2518
Delta R.T. -0.011 min
Lab File: BN013901.D
Acq: 10 Mar 2021 11:32

Tgt Ion:252 Resp: 1575

Ion	Ratio	Lower	Upper
252	100		
253	74.3	21.8	32.6#
125	102.4	14.6	21.8#



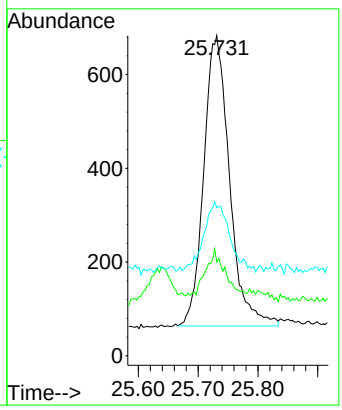
Instrument :
BNA_N
ClientSampleId :
EB-01-030921

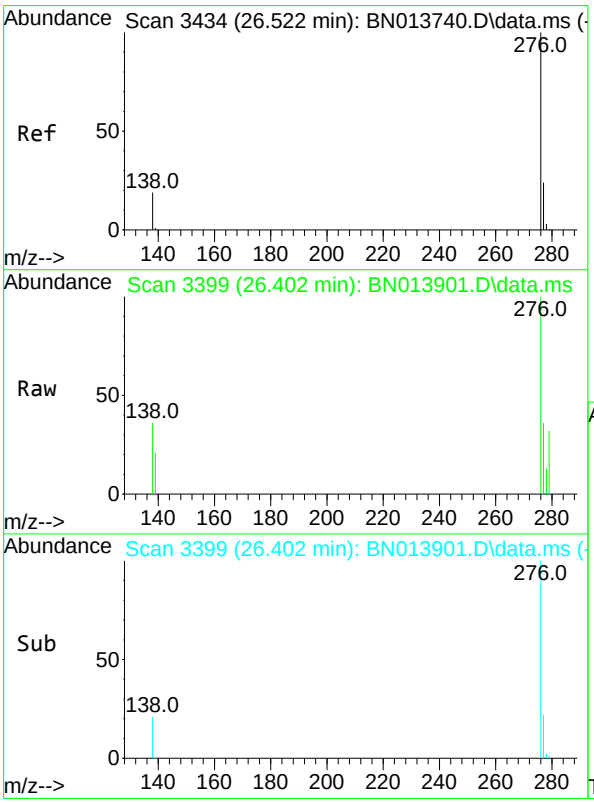


#40
Dibenzo(a,h)anthracene
Concen: 0.08 ng
RT: 25.731 min Scan# 3203
Delta R.T. -0.011 min
Lab File: BN013901.D
Acq: 10 Mar 2021 11:32

Tgt Ion:278 Resp: 1850

Ion	Ratio	Lower	Upper
278	100		
139	29.3	13.1	19.7#
279	46.3	21.4	32.0#





#41
Benzo(g,h,i)perylene
Concen: 0.07 ng
RT: 26.402 min Scan# 3399
Delta R.T. -0.007 min
Lab File: BN013901.D
Acq: 10 Mar 2021 11:32

Tgt Ion:276 Resp: 1602

Ion	Ratio	Lower	Upper
276	100		
277	35.7	20.0	30.0#
138	35.7	17.8	26.8#