Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070621\
Data File : BN015349.D
Acq On : 06 Jul 2021 21:38
Operator : CG/JU
Sample : M2898-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : EB-01-062921

Quant Time: Jul 07 01:33:15 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 01 09:06:31 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.735	152	15951	0.40	ng	# 0.00
7) Naphthalene-d8	10.495	136	76022	0.40	ng	0.00
13) Acenaphthene-d10	14.345	164	44537	0.40	ng	0.00
19) Phenanthrene-d10	17.091	188	91106	0.40	ng	0.00
29) Chrysene-d12	21.291	240	81765	0.40	ng	#-0.01
35) Perylene-d12	23.539	264	46257	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.365	112	5504	0.14	ng	0.00
5) Phenol-d6	6.905	99	3850	0.08	ng	0.00
8) Nitrobenzene-d5	8.873	82	17789	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	12.087	152	42337	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.842	330	6825	0.58	ng	0.00
15) 2-Fluorobiphenyl	12.962	172	58913	0.33	ng	0.00
27) Fluoranthene-d10	19.133	212	112951	0.42	ng	0.00
31) Terphenyl-d14	19.733	244	88185	0.46	ng	0.00
Target Compounds						Qvalue
24) Pentachlorophenol	16.750	266	79	0.25	ng	# 79
32) Benzo(a)anthracene	21.281	228	14511	0.05	ng	97
33) Chrysene	21.323	228	13937	0.05	ng	98
34) Bis(2-ethylhexyl)phtha...	21.217	149	41424	0.56	ng	# 88
36) Indeno(1,2,3-cd)pyrene	25.792	276	4399	0.03	ng	# 89
37) Benzo(b)fluoranthene	22.865	252	10536	0.06	ng	# 71
38) Benzo(k)fluoranthene	22.910	252	10131	0.05	ng	# 81
39) Benzo(a)pyrene	23.440	252	7806	0.05	ng	# 58
40) Dibenzo(a,h)anthracene	25.809	278	4047	0.03	ng	# 78
41) Benzo(g,h,i)perylene	26.483	276	3067	0.02	ng	# 72

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

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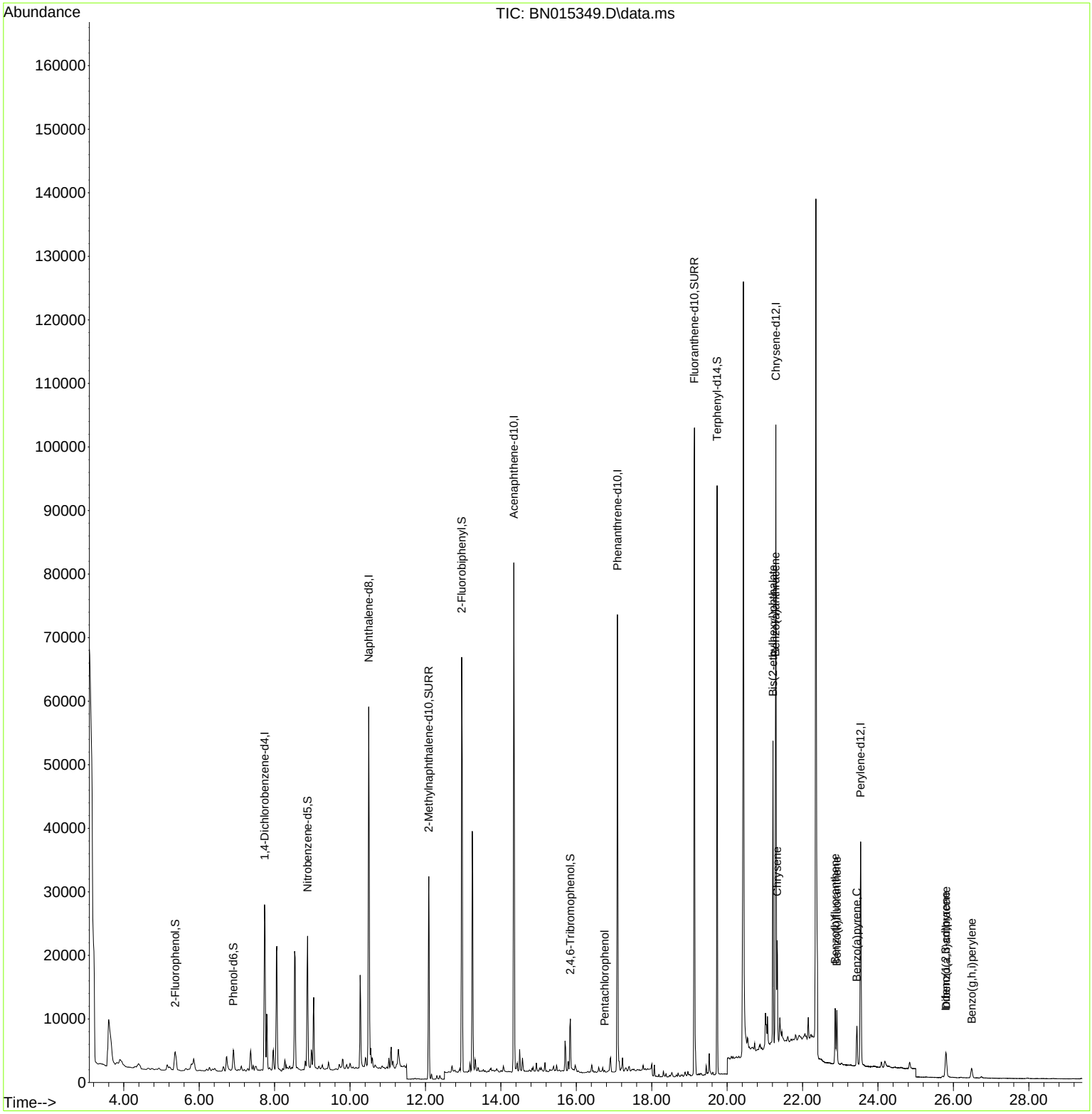
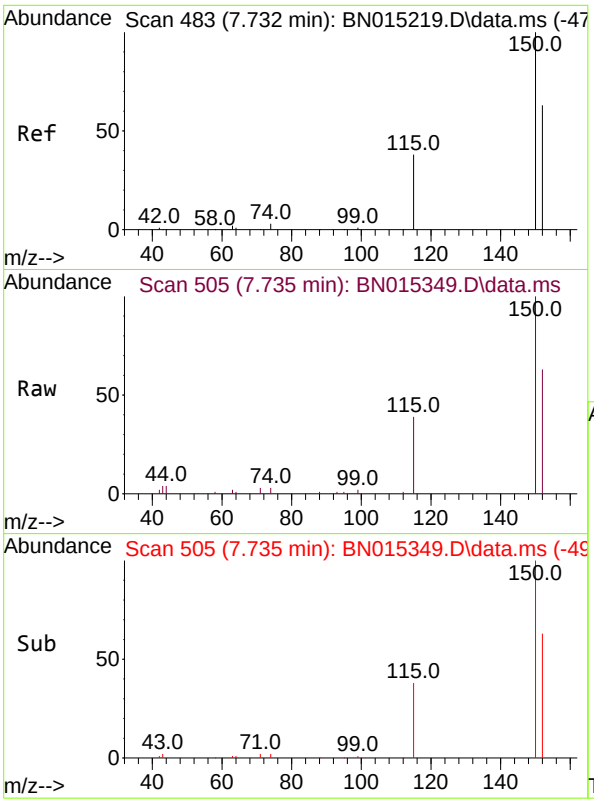
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EB-01-062921

Quant Time: Jul 07 01:33:15 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 01 09:06:31 2021
Response via : Initial Calibration



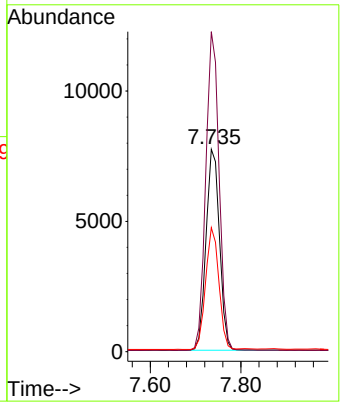
Instrument :
BNA_N
ClientSampleId :
EB-01-062921

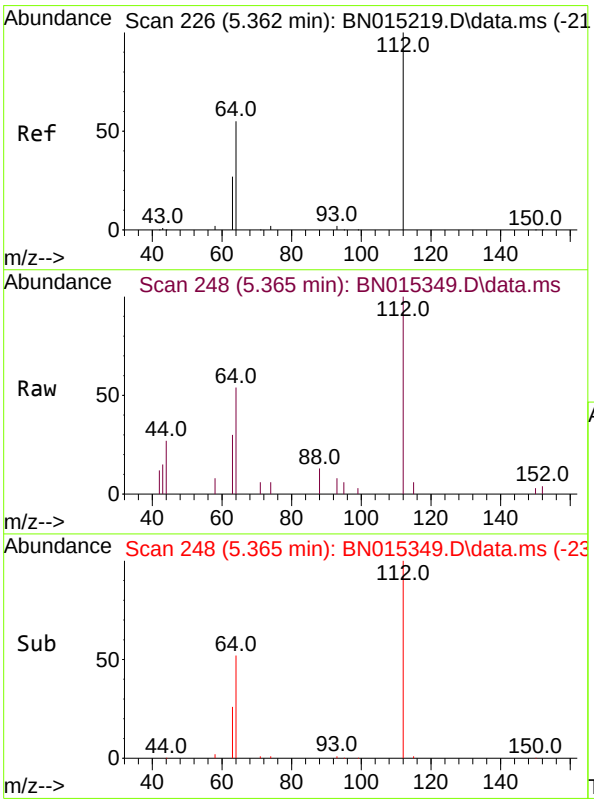


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.735 min Scan# 505
Delta R.T. 0.003 min
Lab File: BN015349.D
Acq: 06 Jul 2021 21:38

Tgt Ion:152 Resp: 15951

Ion	Ratio	Lower	Upper
152	100		
150	158.1	119.0	178.6
115	61.3	62.2	93.4#

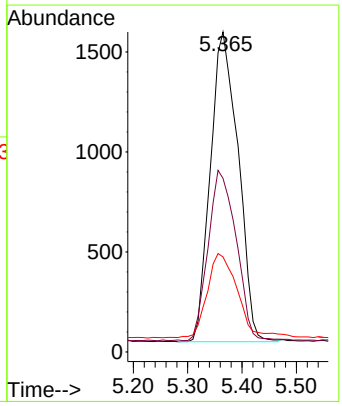




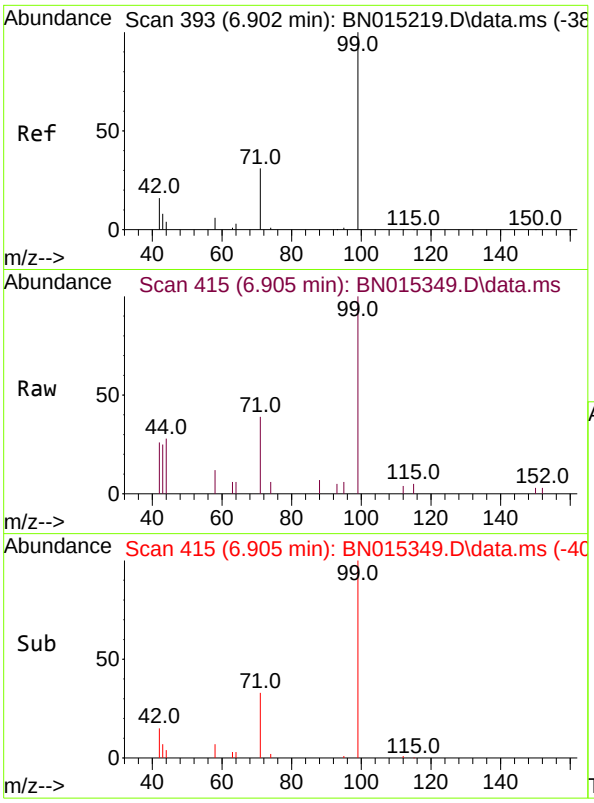
#4
2-Fluorophenol
Concen: 0.14 ng
RT: 5.365 min Scan# 248
Delta R.T. 0.003 min
Lab File: BN015349.D
Acq: 06 Jul 2021 21:38

Tgt Ion:112 Resp: 5504

Ion	Ratio	Lower	Upper
112	100		
64	55.4	39.0	58.6
63	29.3	20.6	30.8



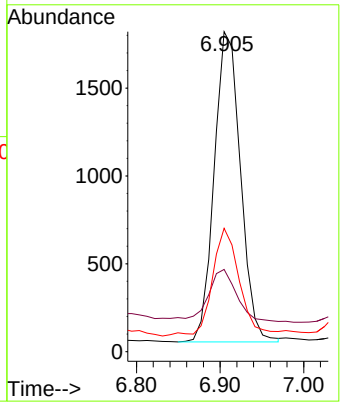
Instrument :
BNA_N
ClientSampleId :
EB-01-062921

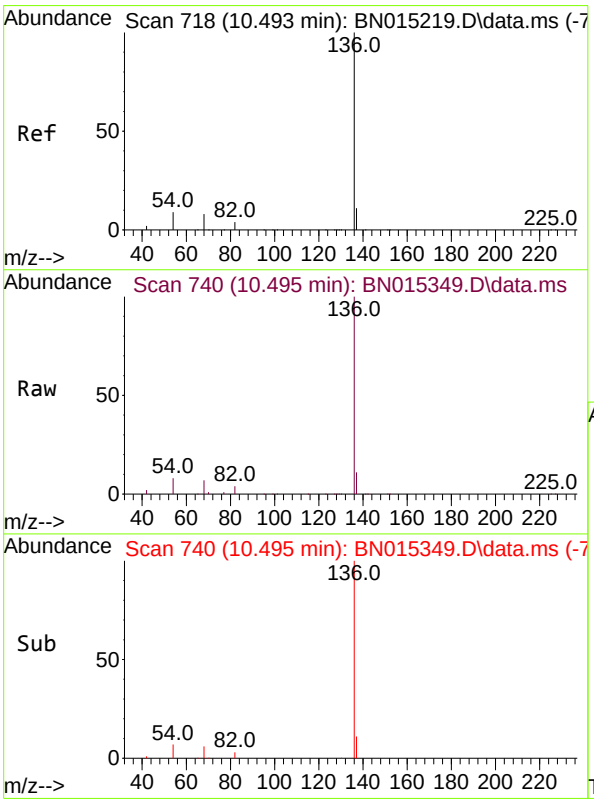


#5
Phenol-d6
Concen: 0.08 ng
RT: 6.905 min Scan# 415
Delta R.T. 0.003 min
Lab File: BN015349.D
Acq: 06 Jul 2021 21:38

Tgt Ion: 99 Resp: 3850

Ion	Ratio	Lower	Upper
99	100		
42	17.5	8.9	13.3#
71	35.9	35.6	53.4

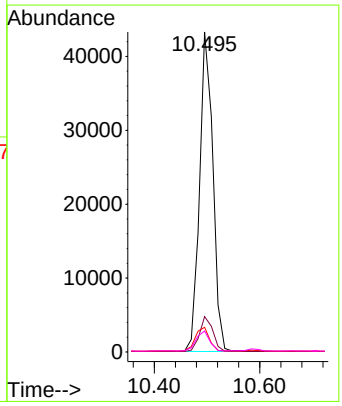




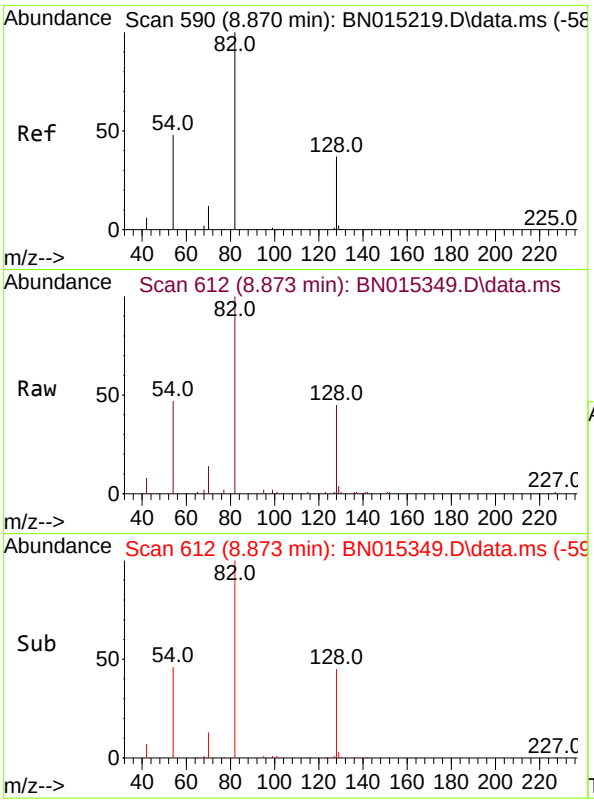
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.495 min Scan# 740
Delta R.T. 0.003 min
Lab File: BN015349.D
Acq: 06 Jul 2021 21:38

Tgt Ion:136 Resp: 76022

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.8	14.8
54	7.7	5.4	8.2
68	6.5	4.9	7.3



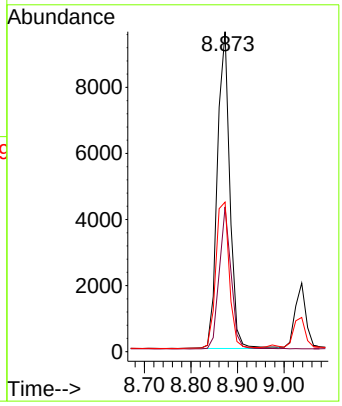
Instrument :
BNA_N
ClientSampleId :
EB-01-062921

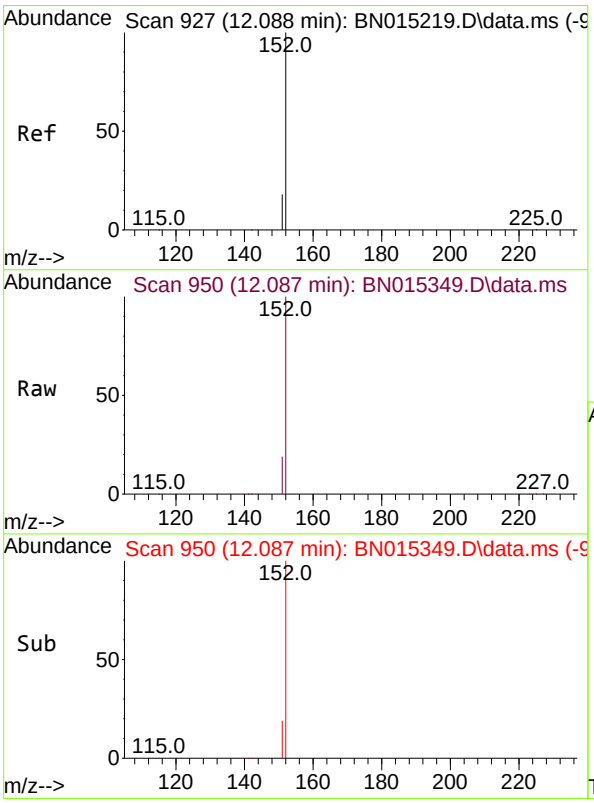


#8
Nitrobenzene-d5
Concen: 0.42 ng
RT: 8.873 min Scan# 612
Delta R.T. 0.003 min
Lab File: BN015349.D
Acq: 06 Jul 2021 21:38

Tgt Ion: 82 Resp: 17789

Ion	Ratio	Lower	Upper
82	100		
128	45.3	31.6	47.4
54	46.7	29.0	43.4#

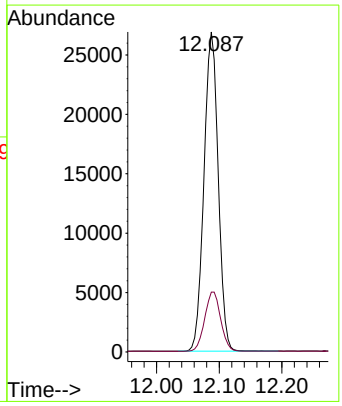


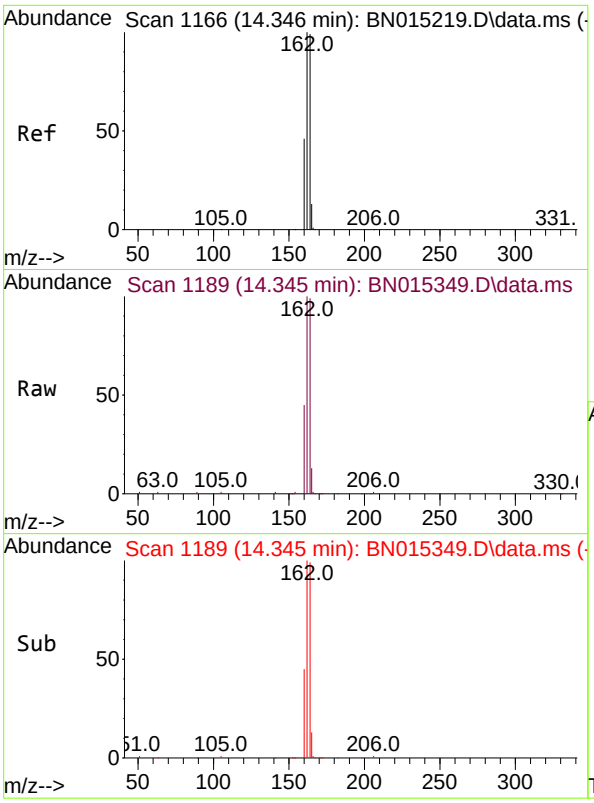


#11
2-Methylnaphthalene-d10
Concen: 0.34 ng
RT: 12.087 min Scan# 950
Delta R.T. -0.001 min
Lab File: BN015349.D
Acq: 06 Jul 2021 21:38

Tgt Ion:152 Resp: 42337

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.7	25.1

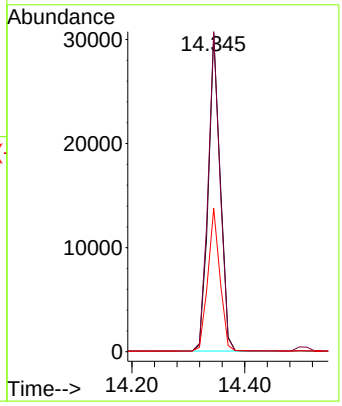




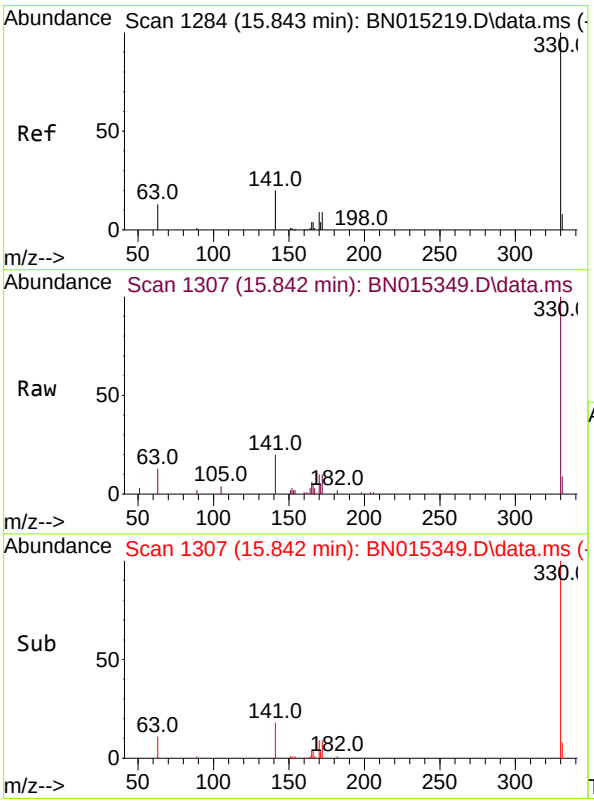
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.345 min Scan# 1189
Delta R.T. -0.001 min
Lab File: BN015349.D
Acq: 06 Jul 2021 21:38

Tgt Ion:164 Resp: 44537

Ion	Ratio	Lower	Upper
164	100		
162	100.9	83.8	125.6
160	45.2	37.4	56.0



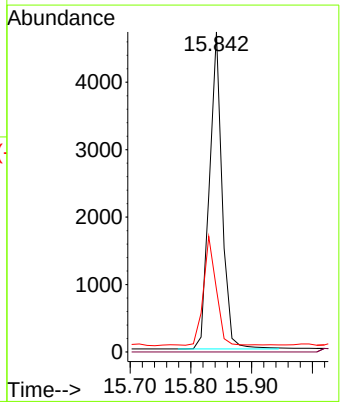
Instrument :
BNA_N
ClientSampleId :
EB-01-062921



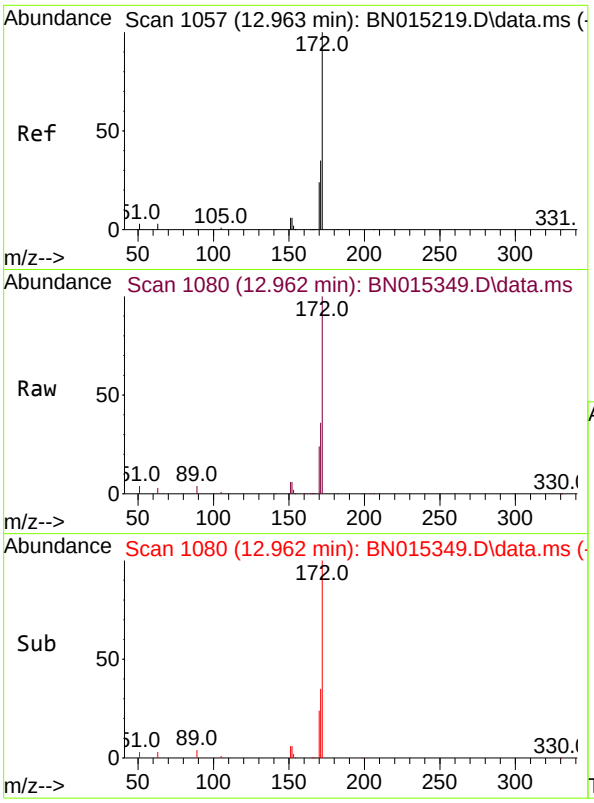
#14
2,4,6-Tribromophenol
Concen: 0.58 ng
RT: 15.842 min Scan# 1307
Delta R.T. -0.001 min
Lab File: BN015349.D
Acq: 06 Jul 2021 21:38

Tgt Ion:330 Resp: 6825

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	34.2	22.4	33.6#



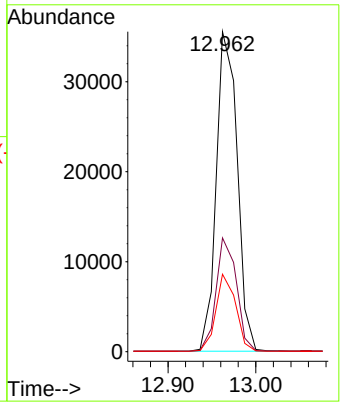
Instrument :
BNA_N
ClientSampleId :
EB-01-062921

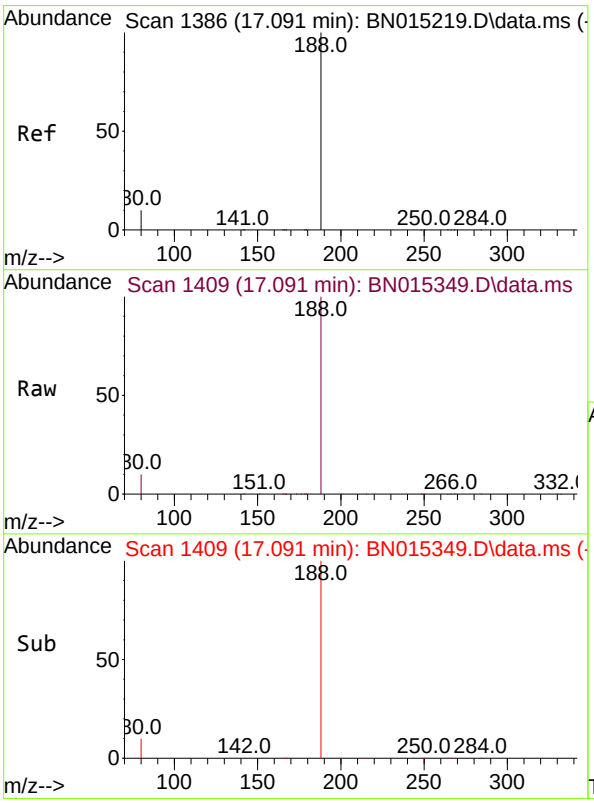


#15
2-Fluorobiphenyl
Concen: 0.33 ng
RT: 12.962 min Scan# 1080
Delta R.T. -0.001 min
Lab File: BN015349.D
Acq: 06 Jul 2021 21:38

Tgt Ion:172 Resp: 58913

Ion	Ratio	Lower	Upper
172	100		
171	35.5	30.6	45.8
170	24.2	20.2	30.4

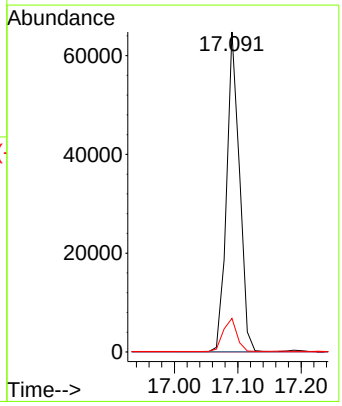




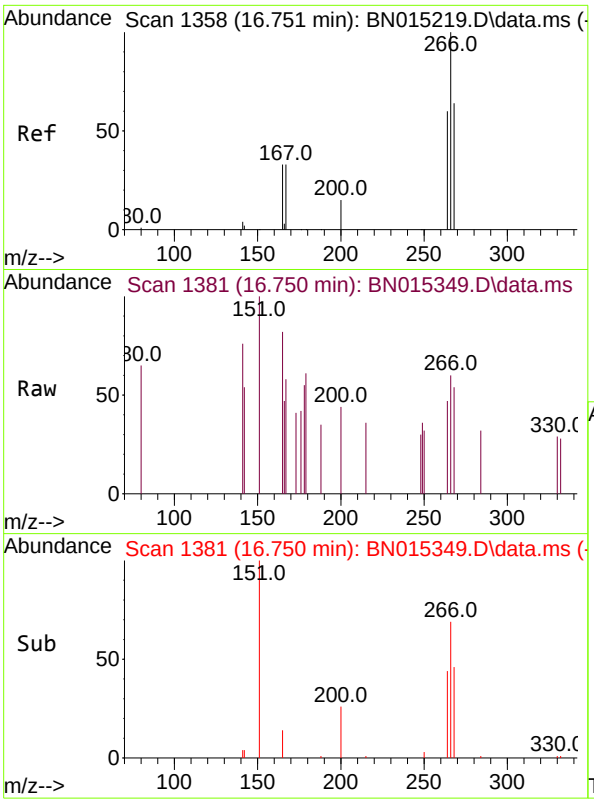
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.091 min Scan# 1409
Delta R.T. -0.000 min
Lab File: BN015349.D
Acq: 06 Jul 2021 21:38

Tgt Ion:188 Resp: 91106

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.5	9.0	13.4



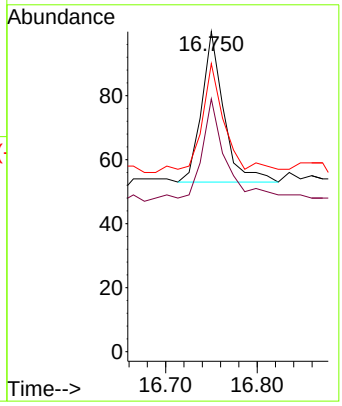
Instrument :
BNA_N
ClientSampleId :
EB-01-062921

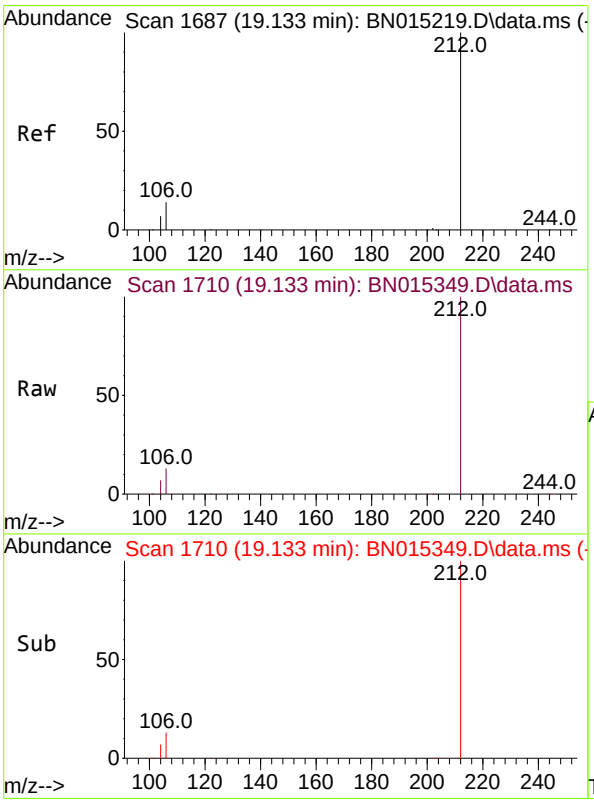


#24
Pentachlorophenol
Concen: 0.25 ng
RT: 16.750 min Scan# 1381
Delta R.T. -0.001 min
Lab File: BN015349.D
Acq: 06 Jul 2021 21:38

Tgt Ion:266 Resp: 79

Ion	Ratio	Lower	Upper
266	100		
264	83.5	51.0	76.4#
268	75.9	50.6	76.0

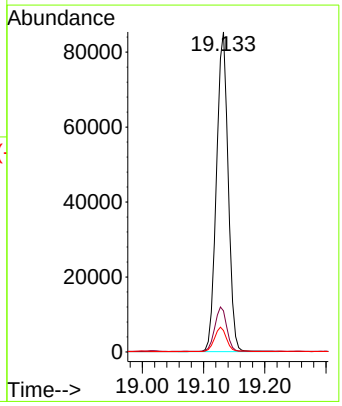




#27
Fluoranthene-d10
Concen: 0.42 ng
RT: 19.133 min Scan# 1710
Delta R.T. -0.000 min
Lab File: BN015349.D
Acq: 06 Jul 2021 21:38

Tgt Ion:212 Resp: 112951

Ion	Ratio	Lower	Upper
212	100		
106	14.0	7.0	10.6#
104	7.9	4.1	6.1#



Instrument :
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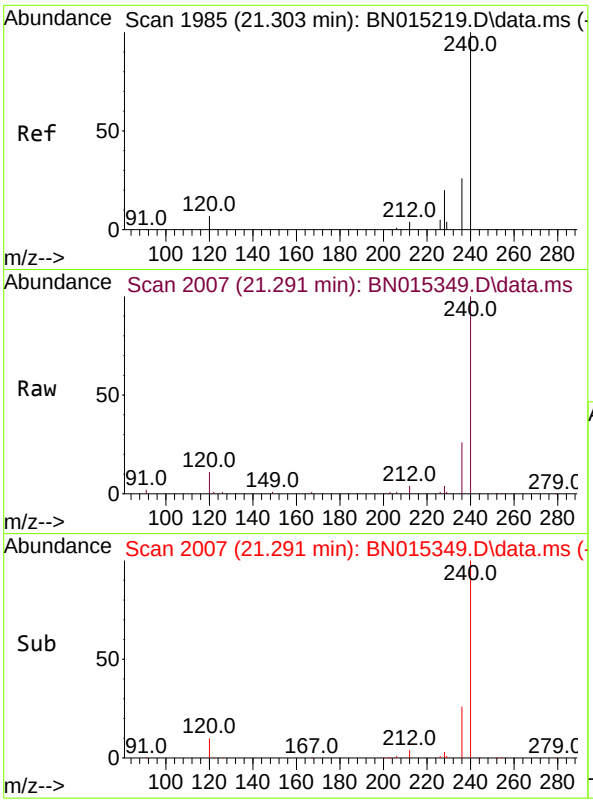
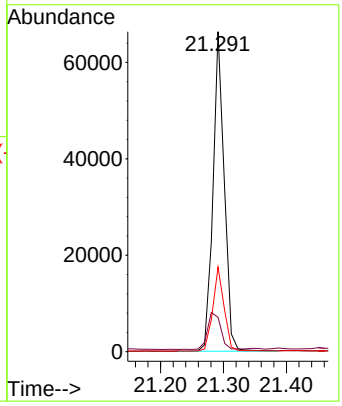
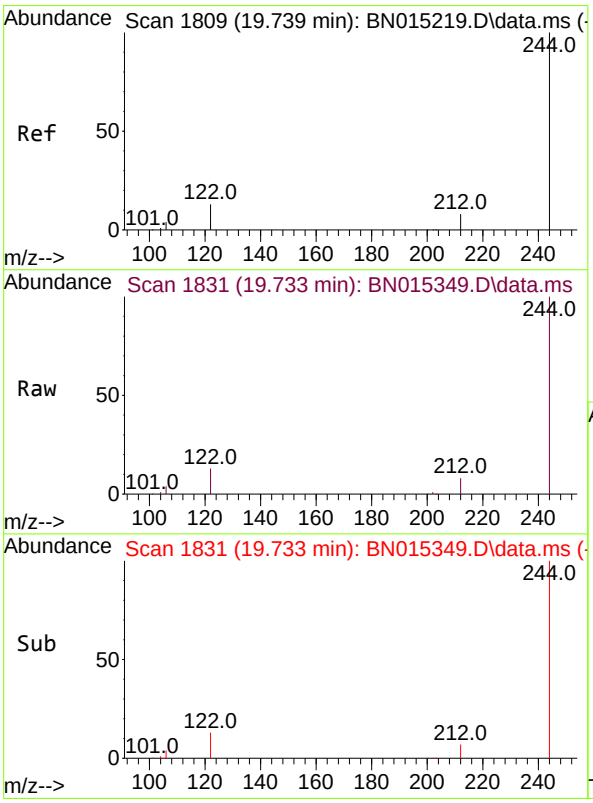


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.291 min Scan# 2007
Delta R.T. -0.012 min
Lab File: BN015349.D
Acq: 06 Jul 2021 21:38

Tgt Ion:240 Resp: 81765

Ion	Ratio	Lower	Upper
240	100		
120	10.7	4.2	6.4#
236	26.5	21.4	32.2

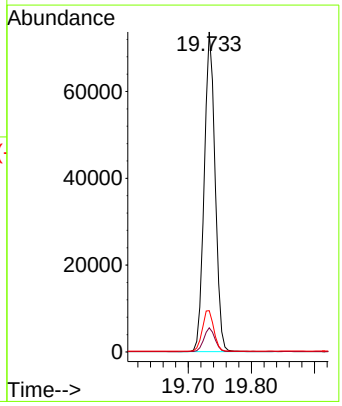




#31
Terphenyl-d14
Concen: 0.46 ng
RT: 19.733 min Scan# 1831
Delta R.T. -0.006 min
Lab File: BN015349.D
Acq: 06 Jul 2021 21:38

Tgt Ion:244 Resp: 88185

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.3	9.5
122	12.9	6.2	9.2#



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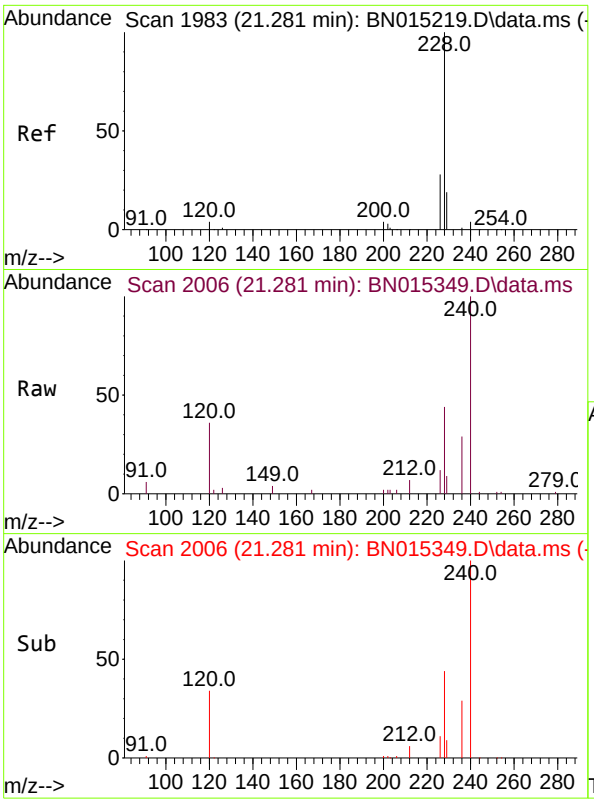
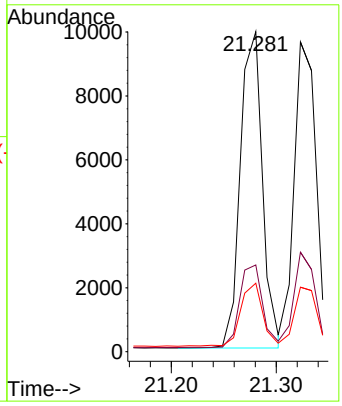
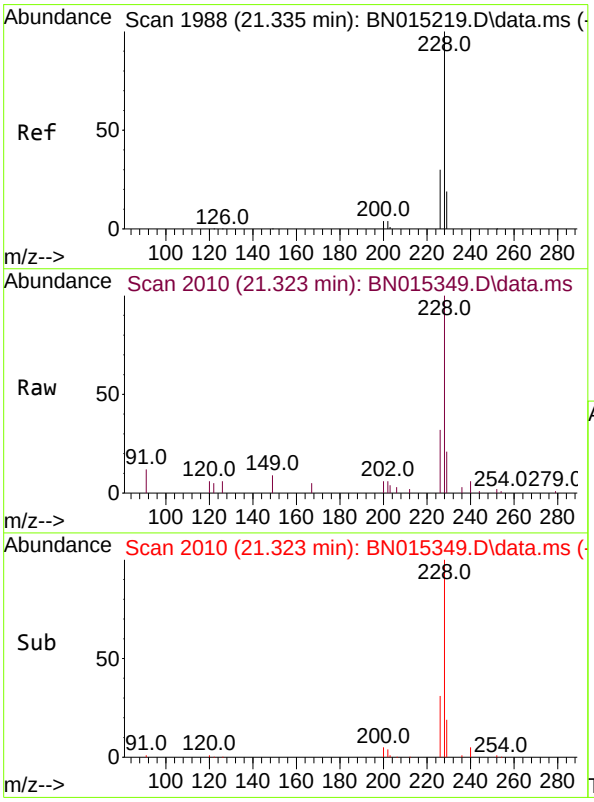


#32
Benzo(a)anthracene
Concen: 0.05 ng
RT: 21.281 min Scan# 2006
Delta R.T. -0.000 min
Lab File: BN015349.D
Acq: 06 Jul 2021 21:38

Tgt Ion:228 Resp: 14511

Ion	Ratio	Lower	Upper
228	100		
226	27.1	23.0	34.6
229	21.4	15.7	23.5

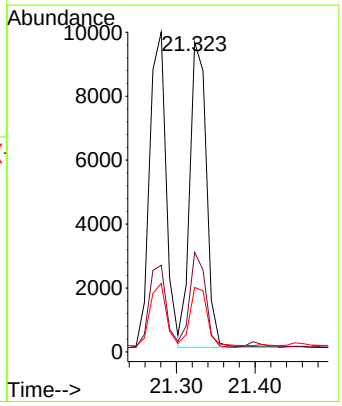




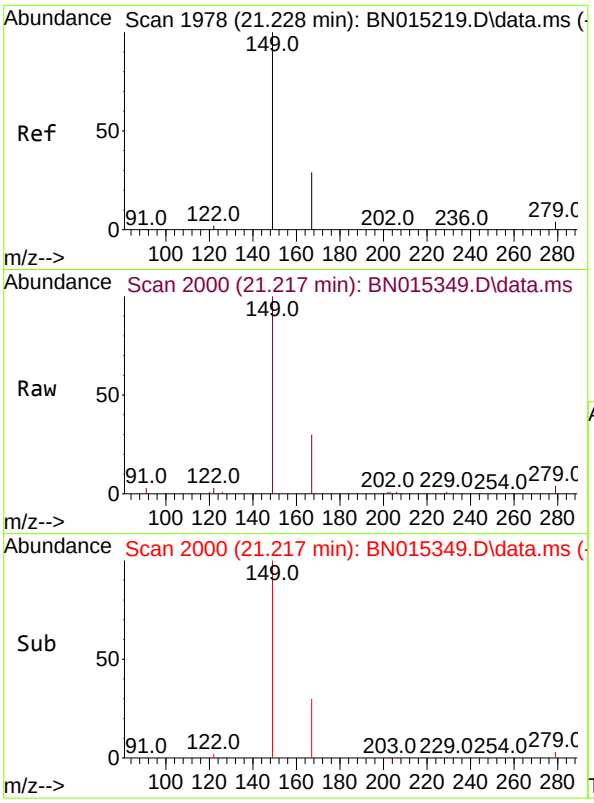
#33
Chrysene
Concen: 0.05 ng
RT: 21.323 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BN015349.D
Acq: 06 Jul 2021 21:38

Tgt Ion:228 Resp: 13937

Ion	Ratio	Lower	Upper
228	100		
226	32.1	25.0	37.6
229	20.8	15.9	23.9



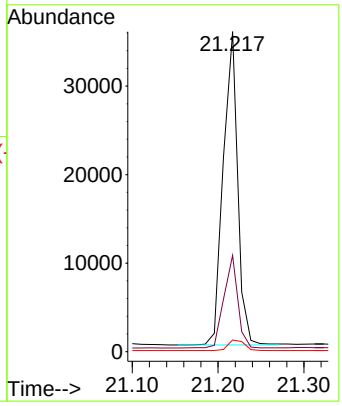
Instrument :
BNA_N
ClientSampleId :
EB-01-062921

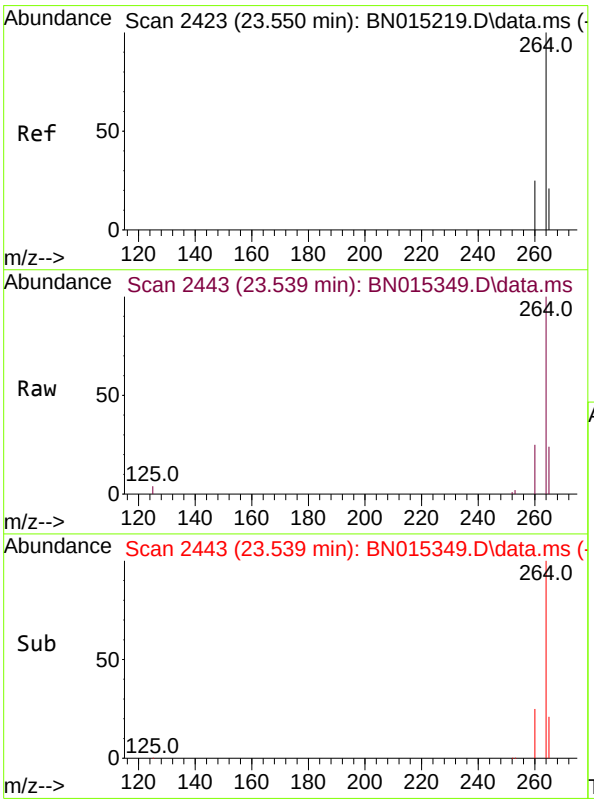


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.56 ng
RT: 21.217 min Scan# 2000
Delta R.T. -0.011 min
Lab File: BN015349.D
Acq: 06 Jul 2021 21:38

Tgt Ion:149 Resp: 41424

Ion	Ratio	Lower	Upper
149	100		
167	28.4	28.9	43.3#
279	3.9	4.9	7.3#

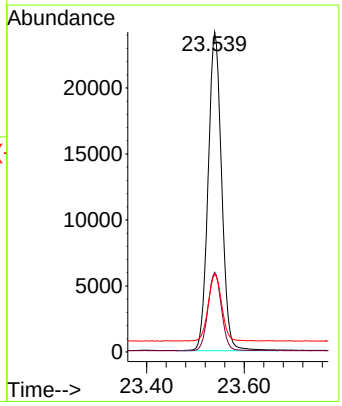




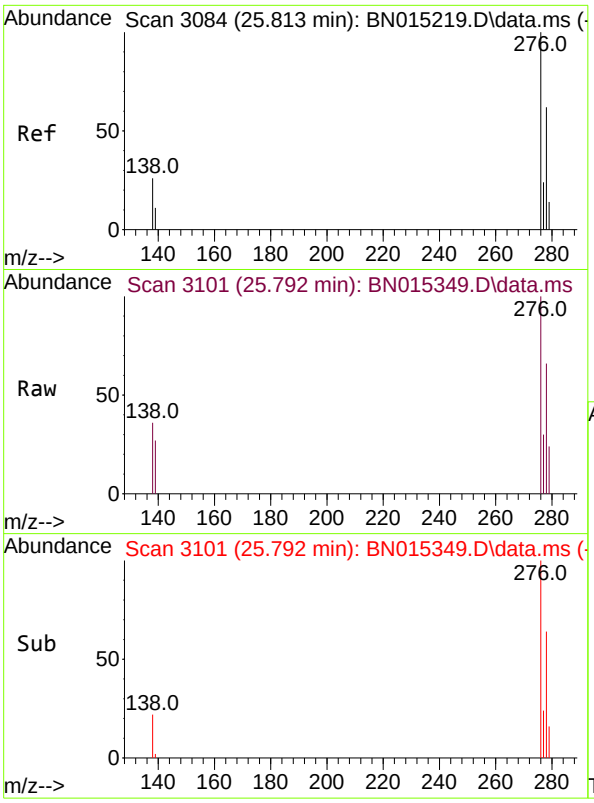
#35
Perylene-d12
Concen: 0.40 ng
RT: 23.539 min Scan# 2443
Delta R.T. -0.011 min
Lab File: BN015349.D
Acq: 06 Jul 2021 21:38

Tgt Ion:264 Resp: 46257

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.6	31.0
265	24.2	21.4	32.2



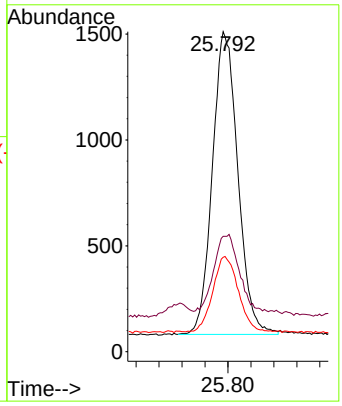
Instrument :
BNA_N
ClientSampleId :
EB-01-062921

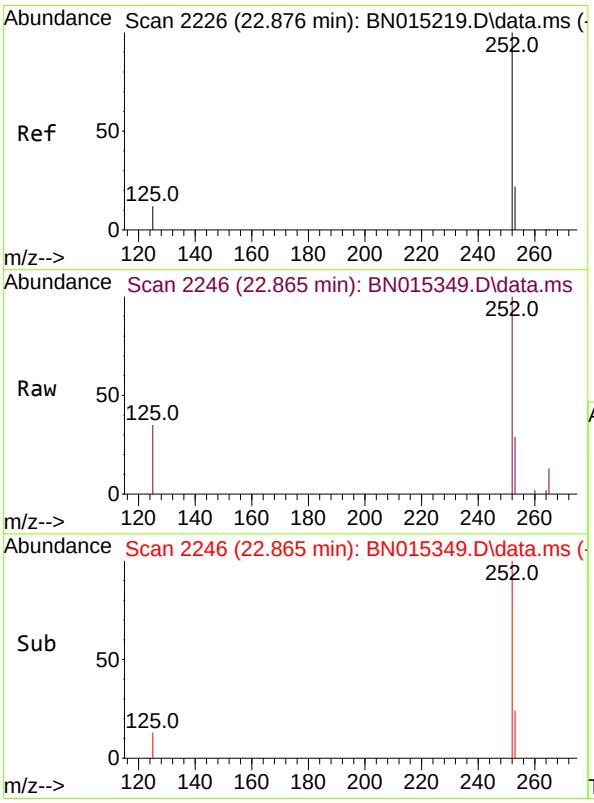


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.03 ng
RT: 25.792 min Scan# 3101
Delta R.T. -0.021 min
Lab File: BN015349.D
Acq: 06 Jul 2021 21:38

Tgt Ion:276 Resp: 4399

Ion	Ratio	Lower	Upper
276	100		
138	24.9	10.0	15.0#
277	24.9	20.4	30.6

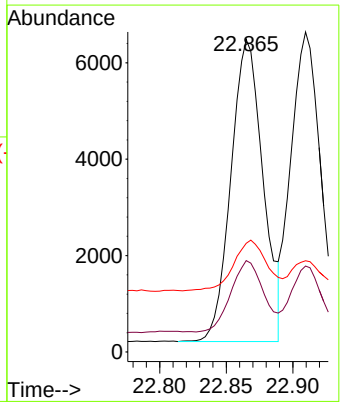




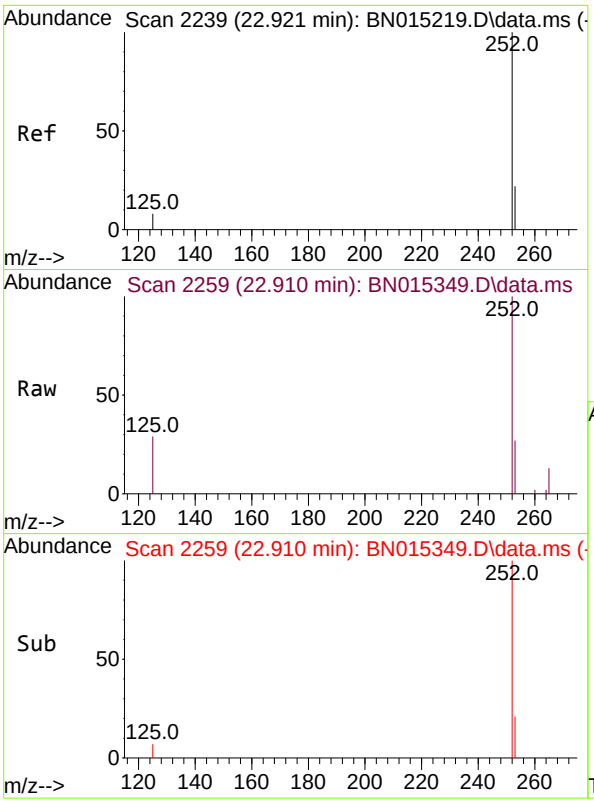
#37
Benzo(b)fluoranthene
Concen: 0.06 ng
RT: 22.865 min Scan# 2246
Delta R.T. -0.011 min
Lab File: BN015349.D
Acq: 06 Jul 2021 21:38

Tgt Ion:252 Resp: 10536

Ion	Ratio	Lower	Upper
252	100		
253	29.2	18.5	27.7#
125	34.8	5.8	8.6#



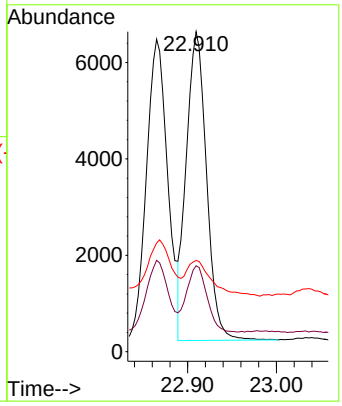
Instrument :
BNA_N
ClientSampleId :
EB-01-062921

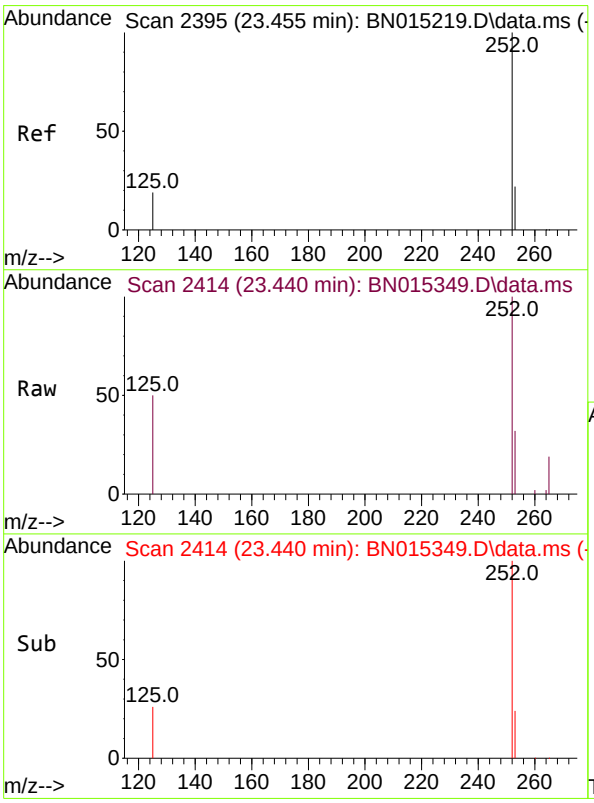


#38
Benzo(k)fluoranthene
Concen: 0.05 ng
RT: 22.910 min Scan# 2259
Delta R.T. -0.011 min
Lab File: BN015349.D
Acq: 06 Jul 2021 21:38

Tgt Ion:252 Resp: 10131

Ion	Ratio	Lower	Upper
252	100		
253	26.9	19.1	28.7
125	28.5	5.4	8.0#

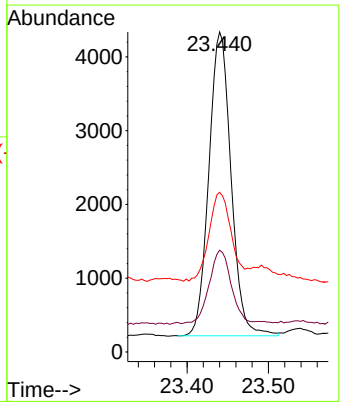




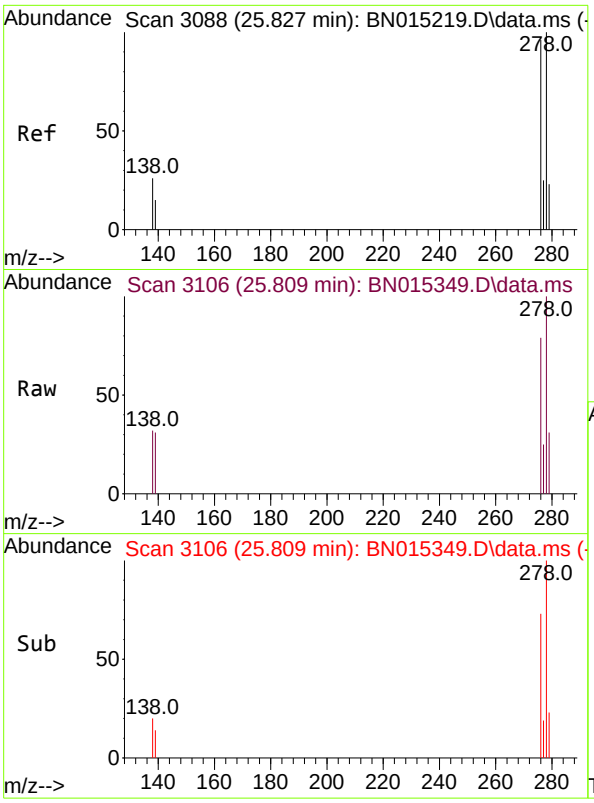
#39
Benzo(a)pyrene
Concen: 0.05 ng
RT: 23.440 min Scan# 2414
Delta R.T. -0.015 min
Lab File: BN015349.D
Acq: 06 Jul 2021 21:38

Tgt Ion:252 Resp: 7806

Ion	Ratio	Lower	Upper
252	100		
253	31.8	19.4	29.2#
125	49.9	7.4	11.2#



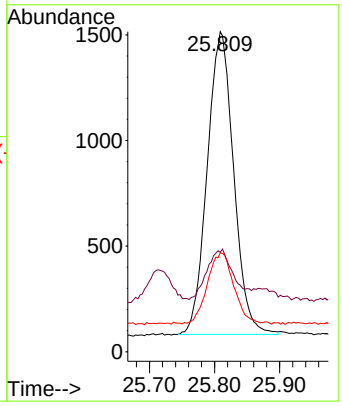
Instrument :
BNA_N
ClientSampleId :
EB-01-062921

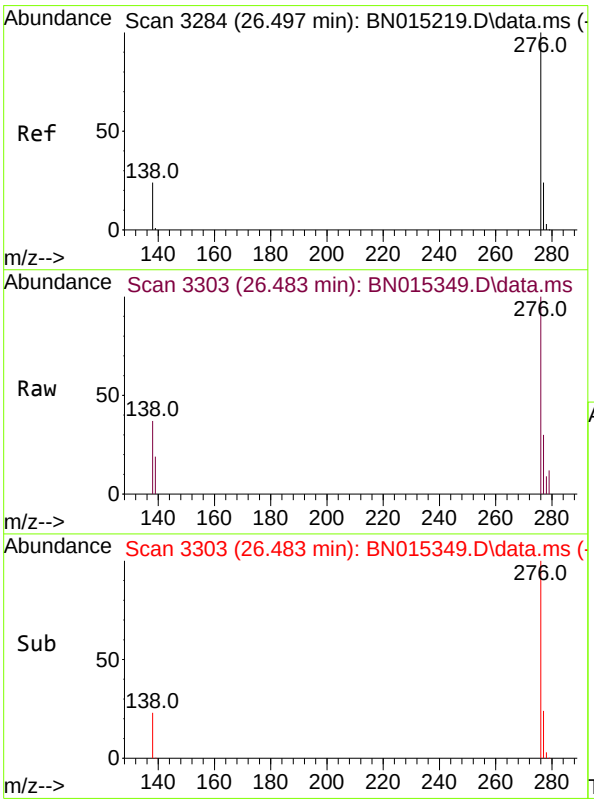


#40
Dibenzo(a,h)anthracene
Concen: 0.03 ng
RT: 25.809 min Scan# 3106
Delta R.T. -0.018 min
Lab File: BN015349.D
Acq: 06 Jul 2021 21:38

Tgt Ion:278 Resp: 4047

Ion	Ratio	Lower	Upper
278	100		
139	31.1	9.0	13.4#
279	30.9	21.0	31.4





#41
Benzo(g,h,i)perylene
Concen: 0.02 ng
RT: 26.483 min Scan# 3303
Delta R.T. -0.015 min
Lab File: BN015349.D
Acq: 06 Jul 2021 21:38

Tgt Ion:276 Resp: 3067

Ion	Ratio	Lower	Upper
276	100		
277	29.8	19.7	29.5#
138	36.6	9.8	14.6#