Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122220\
Data File : BN013273.D
Acq On : 22 Dec 2020 15:12
Operator : CG/JU
Sample : L5124-06
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : EB-20201214

Quant Time: Dec 22 16:02:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 22 10:46:43 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.330	152	628	0.40	ng	0.00
7) Naphthalene-d8	10.112	136	1910	0.40	ng	# 0.01
13) Acenaphthene-d10	13.991	164	1245	0.40	ng	0.00
19) Phenanthrene-d10	16.775	188	2960	0.40	ng	# 0.01
29) Chrysene-d12	20.995	240	3070	0.40	ng	# 0.00
36) Perylene-d12	23.085	264	3263	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.962	112	145	0.06	ng	0.00
5) Phenol-d6	6.565	99	82	0.03	ng	0.02
8) Nitrobenzene-d5	8.540	82	456	0.23	ng	0.04
11) 2-Methylnaphthalene-d10	11.711	152	874	0.26	ng	0.00
14) 2,4,6-Tribromophenol	15.539	330	40	0.05	ng	0.01
15) 2-Fluorobiphenyl	12.608	172	1354	0.26	ng	0.00
27) Fluoranthene-d10	18.816	212	3429	0.35	ng	0.00
31) Terphenyl-d14	19.431	244	2942	0.38	ng	0.00
Target Compounds						Qvalue
32) Benzo(a)anthracene	20.984	228	300	0.03	ng	# 61
33) Chrysene	21.037	228	351	0.03	ng	# 70
35) Indeno(1,2,3-cd)pyrene	25.146	276	377	0.02	ng	# 54
37) Benzo(b)fluoranthene	22.479	252	413	0.04	ng	# 1
38) Benzo(k)fluoranthene	22.517	252	391	0.03	ng	# 1
40) Dibenzo(a,h)anthracene	25.149	278	305	0.02	ng	# 1
41) Benzo(g,h,i)perylene	25.762	276	576	0.04	ng	# 44

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

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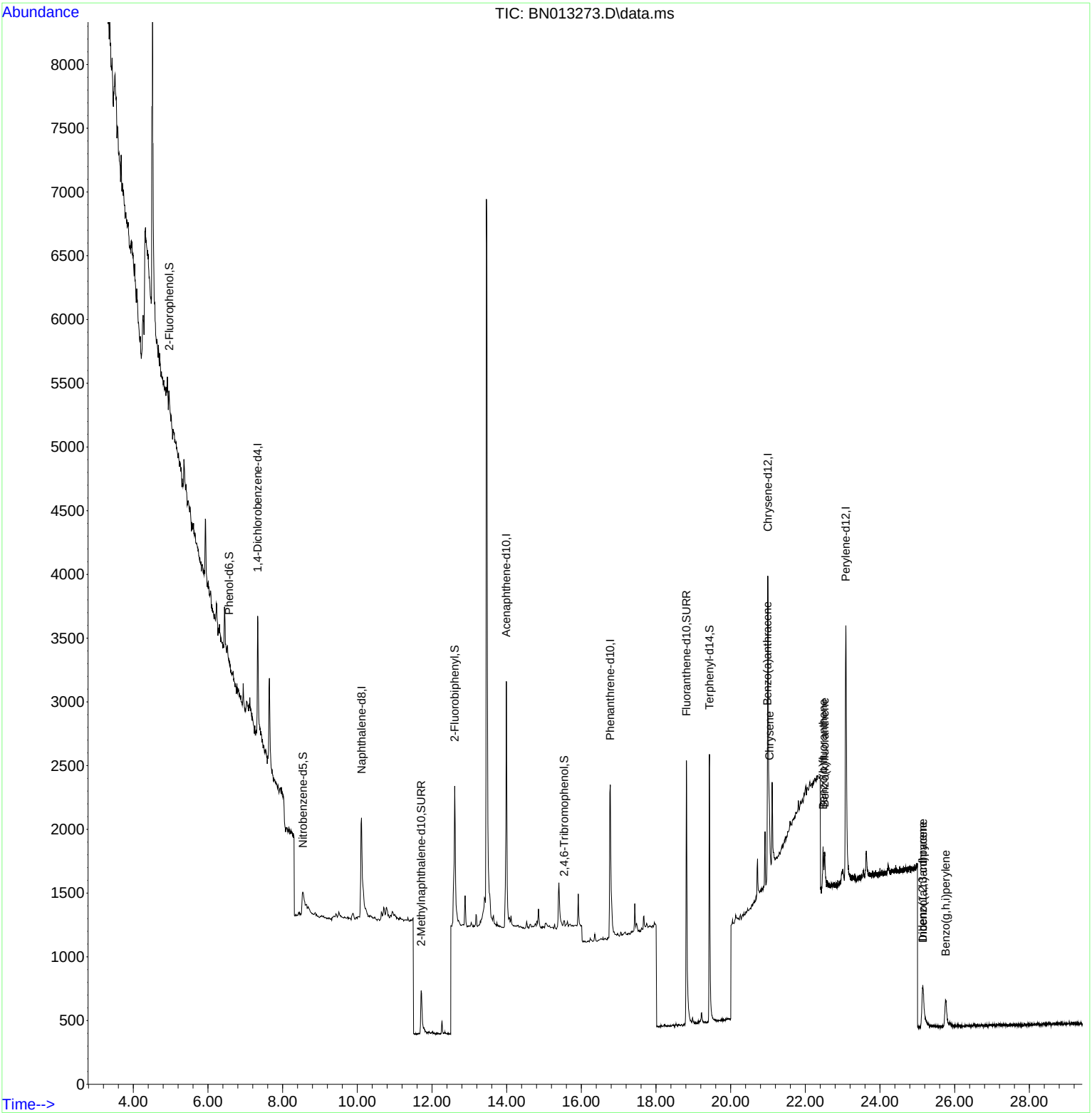
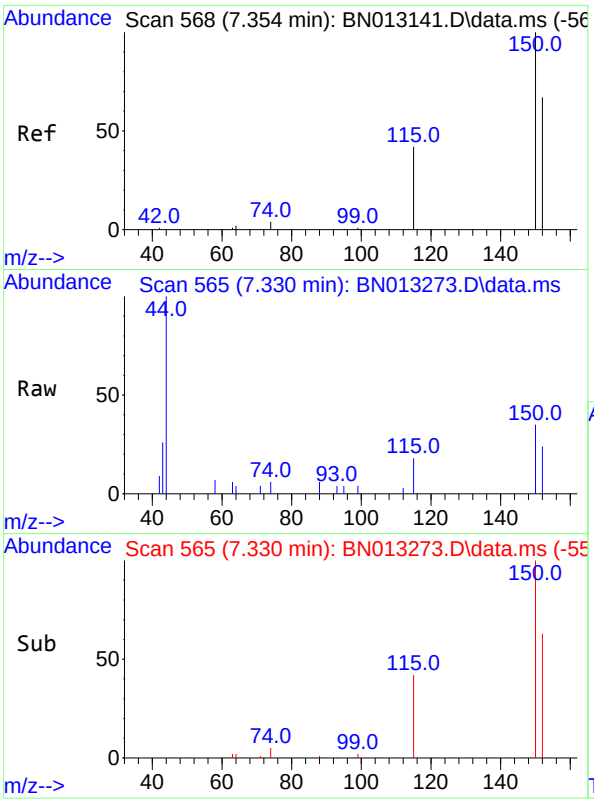
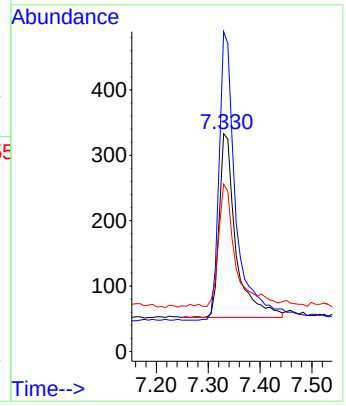




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.330 min Scan# 565
Delta R.T. -0.000 min
Lab File: BN013273.D
Acq: 22 Dec 2020 15:12

Tgt Ion:152 Resp: 628

Ion	Ratio	Lower	Upper
152	100		
150	146.8	116.6	174.8
115	76.9	52.9	79.3



Instrument :
BNA_N
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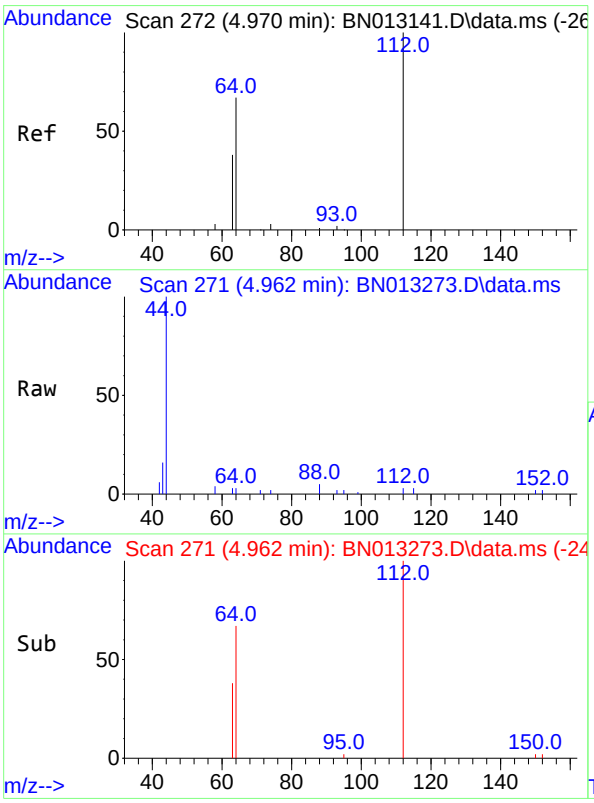
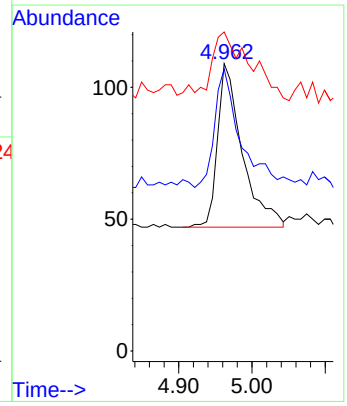
EB-20201214



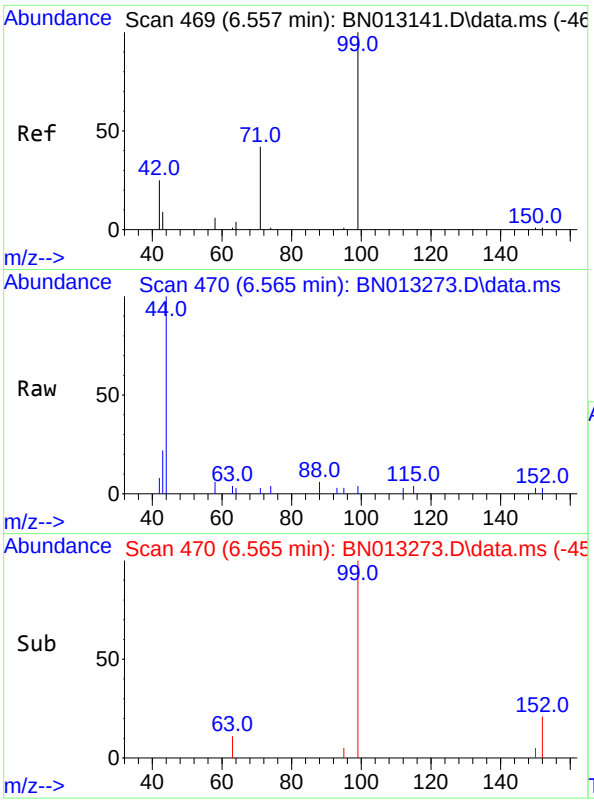
#4
2-Fluorophenol
Concen: 0.06 ng
RT: 4.962 min Scan# 271
Delta R.T. 0.008 min
Lab File: BN013273.D
Acq: 22 Dec 2020 15:12

Tgt Ion:112 Resp: 145

Ion	Ratio	Lower	Upper
112	100		
64	77.9	49.5	74.3#
63	64.1	32.0	48.0#



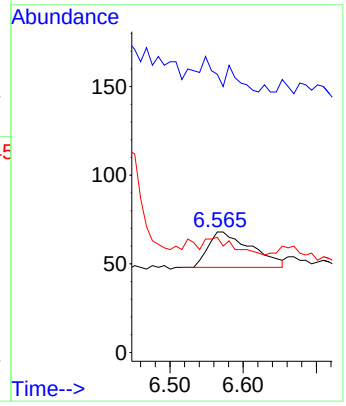
Instrument :
BNA_N
ClientSampleId :
EB-20201214

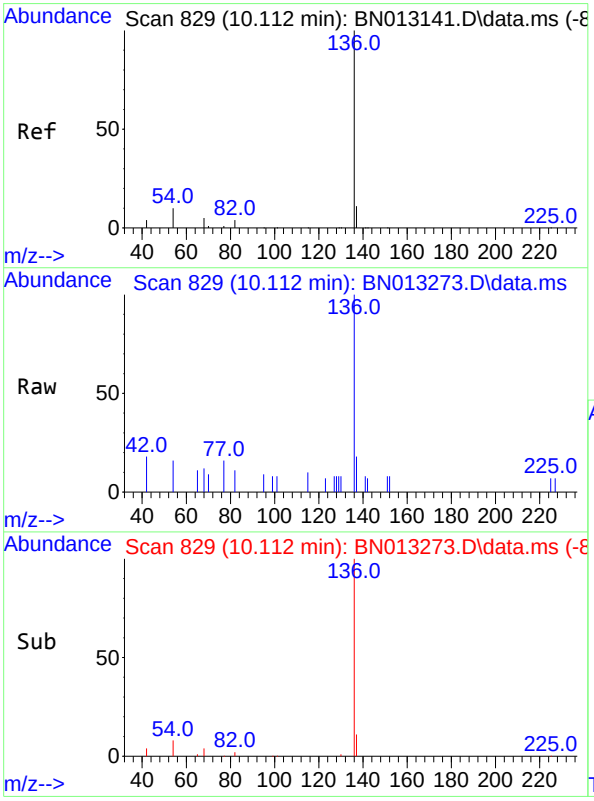


#5
Phenol-d6
Concen: 0.03 ng
RT: 6.565 min Scan# 470
Delta R.T. 0.024 min
Lab File: BN013273.D
Acq: 22 Dec 2020 15:12

Tgt Ion: 99 Resp: 82

Ion	Ratio	Lower	Upper
99	100		
42	24.4	22.4	33.6
71	34.1	37.8	56.6#

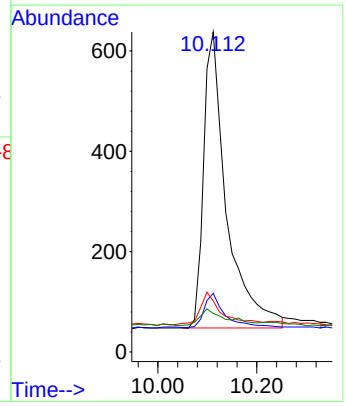


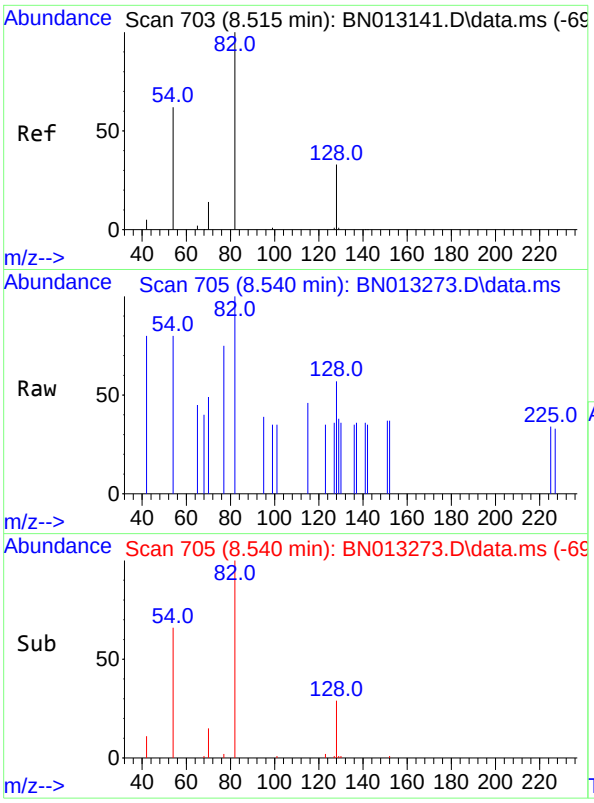


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.112 min Scan# 829
Delta R.T. 0.013 min
Lab File: BN013273.D
Acq: 22 Dec 2020 15:12

Tgt Ion:136 Resp: 1910

Ion	Ratio	Lower	Upper
136	100		
137	18.3	10.6	15.8#
54	16.0	8.6	12.8#
68	12.1	5.7	8.5#

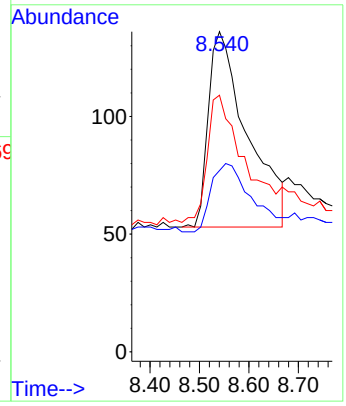




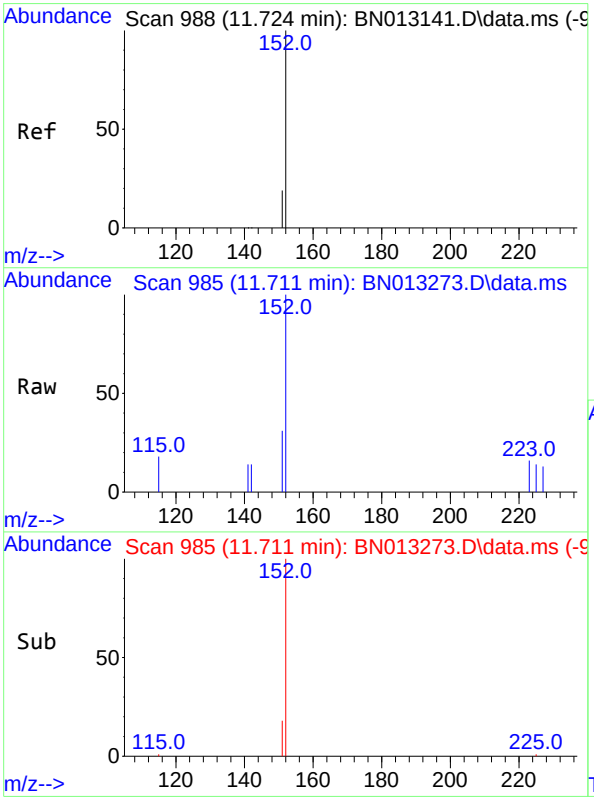
#8
Nitrobenzene-d5
Concen: 0.23 ng
RT: 8.540 min Scan# 705
Delta R.T. 0.038 min
Lab File: BN013273.D
Acq: 22 Dec 2020 15:12

Tgt Ion: 82 Resp: 456

Ion	Ratio	Lower	Upper
82	100		
128	56.6	30.6	46.0#
54	80.1	48.3	72.5#



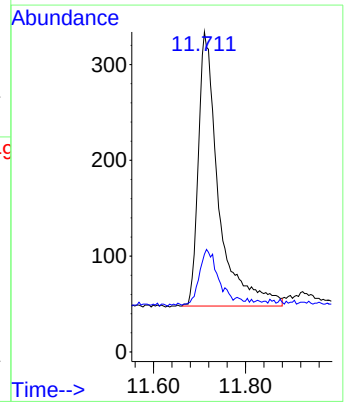
Instrument :
BNA_N
ClientSampleId :
EB-20201214



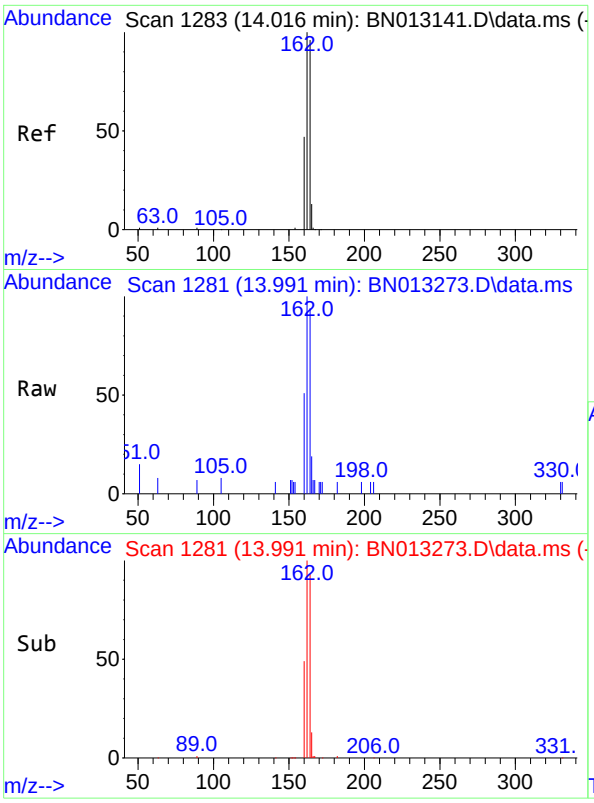
#11
2-Methylnaphthalene-d10
Concen: 0.26 ng
RT: 11.711 min Scan# 985
Delta R.T. 0.004 min
Lab File: BN013273.D
Acq: 22 Dec 2020 15:12

Tgt Ion:152 Resp: 874

Ion	Ratio	Lower	Upper
152	100		
151	18.6	16.7	25.1



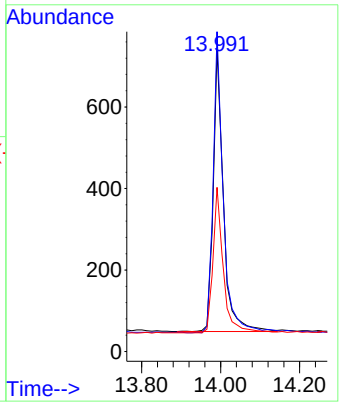
Instrument :
BNA_N
ClientSampleId :
EB-20201214

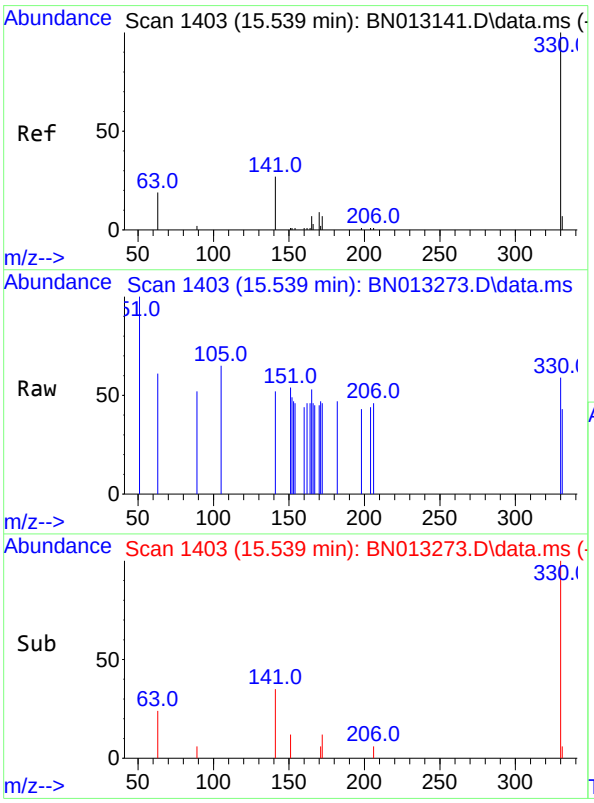


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 13.991 min Scan# 1281
Delta R.T. -0.000 min
Lab File: BN013273.D
Acq: 22 Dec 2020 15:12

Tgt Ion:164 Resp: 1245

Ion	Ratio	Lower	Upper
164	100		
162	105.9	80.6	120.8
160	54.4	39.5	59.3

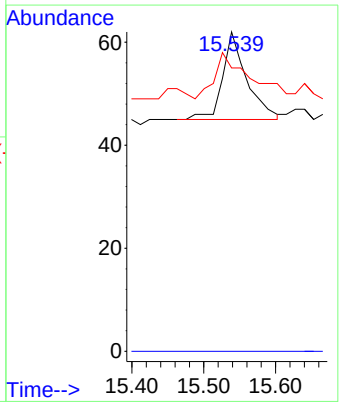




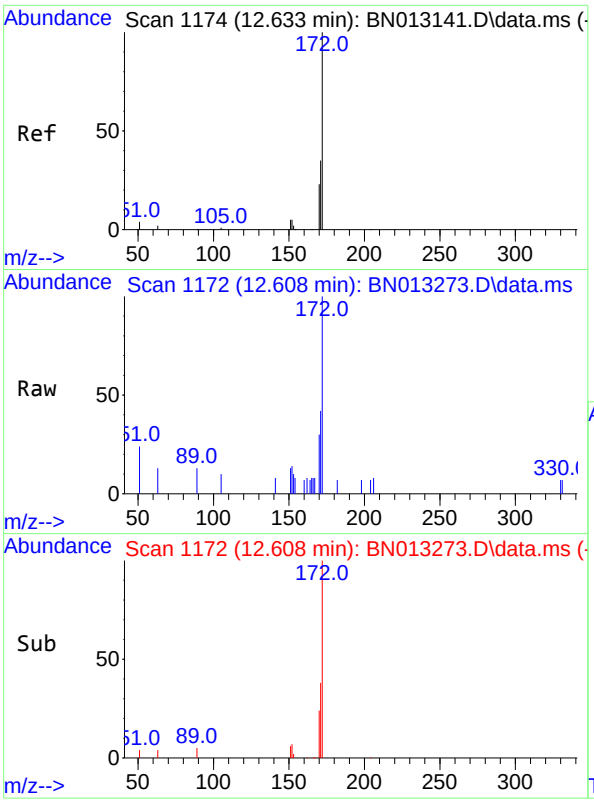
#14
2,4,6-Tribromophenol
Concen: 0.05 ng
RT: 15.539 min Scan# 1403
Delta R.T. 0.013 min
Lab File: BN013273.D
Acq: 22 Dec 2020 15:12

Tgt Ion:330 Resp: 40

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	77.5	34.4	51.6#



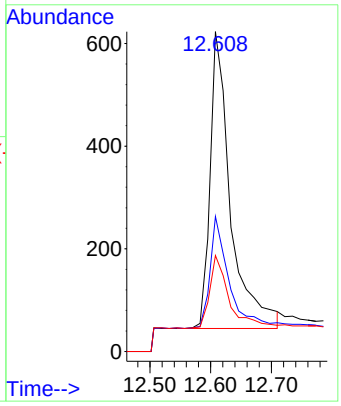
Instrument :
BNA_N
ClientSampleId :
EB-20201214

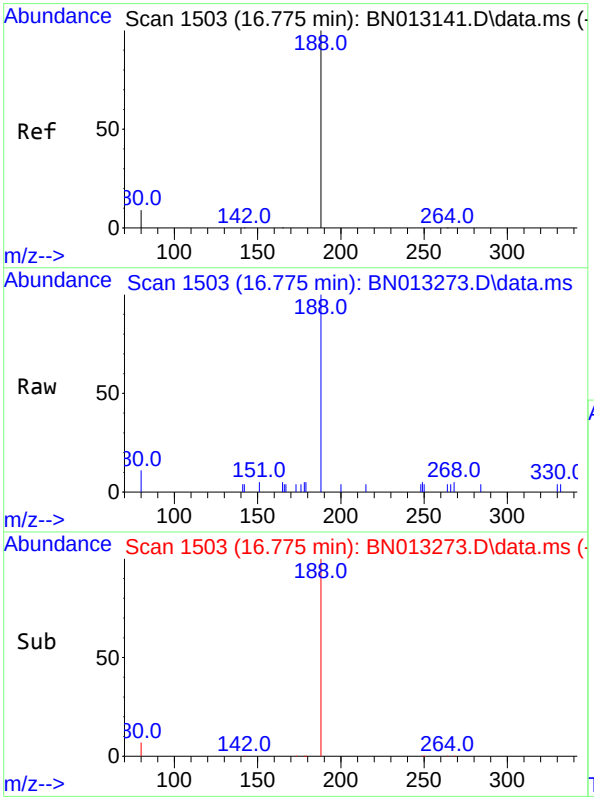


#15
2-Fluorobiphenyl
Concen: 0.26 ng
RT: 12.608 min Scan# 1172
Delta R.T. -0.000 min
Lab File: BN013273.D
Acq: 22 Dec 2020 15:12

Tgt Ion:172 Resp: 1354

Ion	Ratio	Lower	Upper
172	100		
171	42.2	28.2	42.4
170	30.0	20.0	30.0#

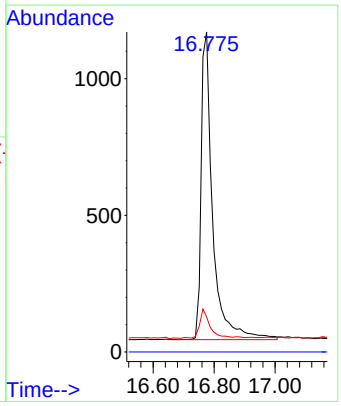




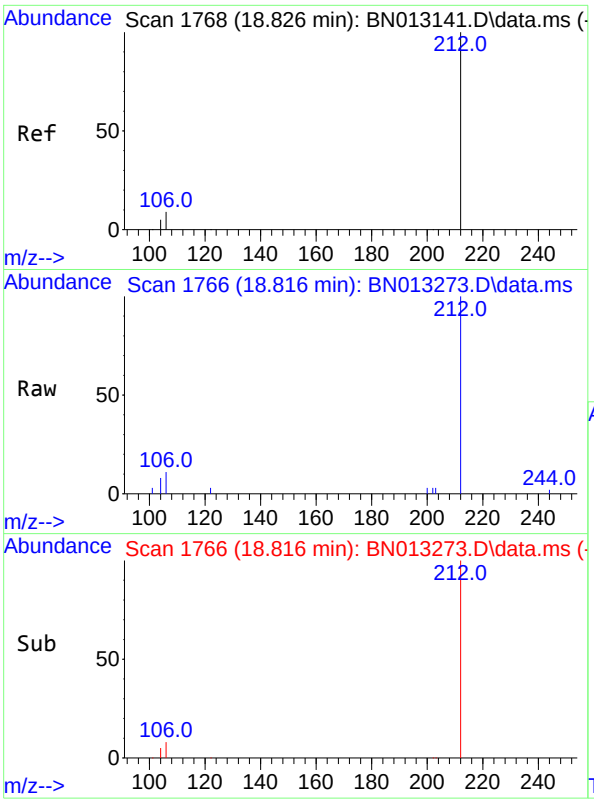
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.775 min Scan# 1503
Delta R.T. 0.012 min
Lab File: BN013273.D
Acq: 22 Dec 2020 15:12

Tgt Ion:188 Resp: 2960

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.9	5.0	7.4#



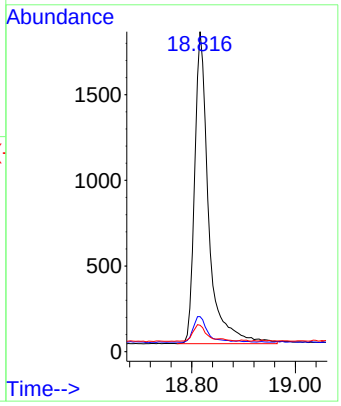
Instrument :
BNA_N
ClientSampleId :
EB-20201214

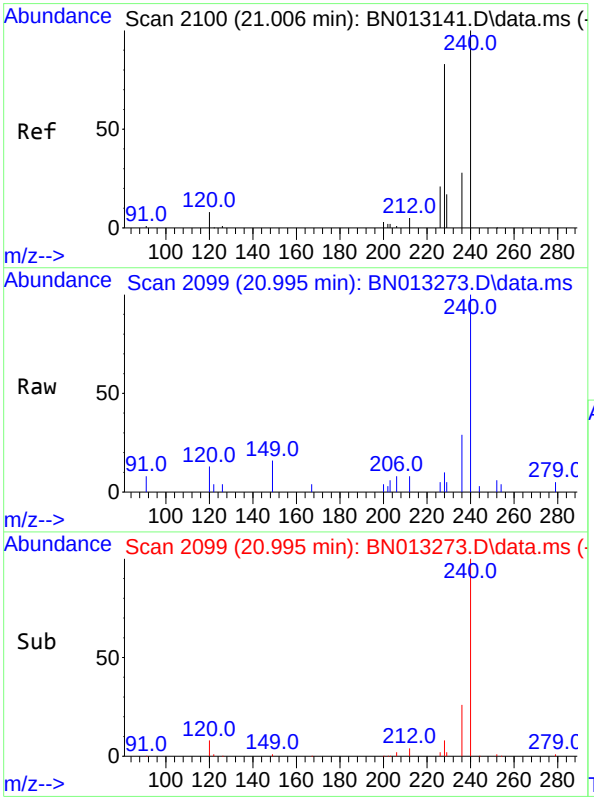


#27
Fluoranthene-d10
Concen: 0.35 ng
RT: 18.816 min Scan# 1766
Delta R.T. -0.000 min
Lab File: BN013273.D
Acq: 22 Dec 2020 15:12

Tgt Ion:212 Resp: 3429

Ion	Ratio	Lower	Upper
212	100		
106	8.4	6.8	10.2
104	4.9	4.1	6.1

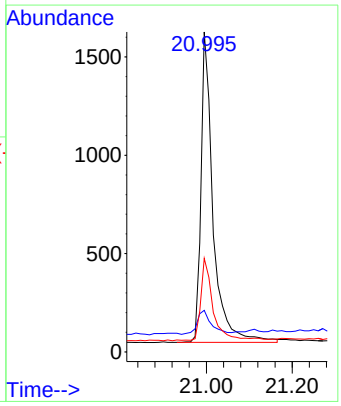




#29
Chrysene-d12
Concen: 0.40 ng
RT: 20.995 min Scan# 2099
Delta R.T. -0.000 min
Lab File: BN013273.D
Acq: 22 Dec 2020 15:12

Tgt Ion:240 Resp: 3070

Ion	Ratio	Lower	Upper
240	100		
120	13.0	5.3	7.9#
236	29.3	21.8	32.8



Instrument :
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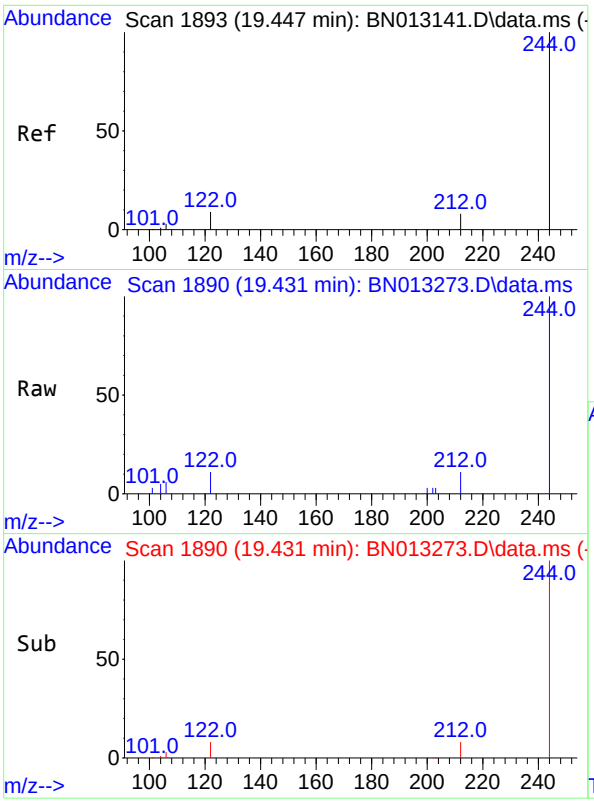
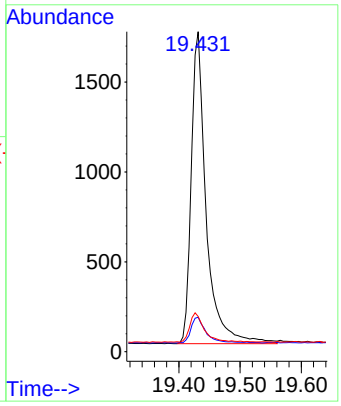
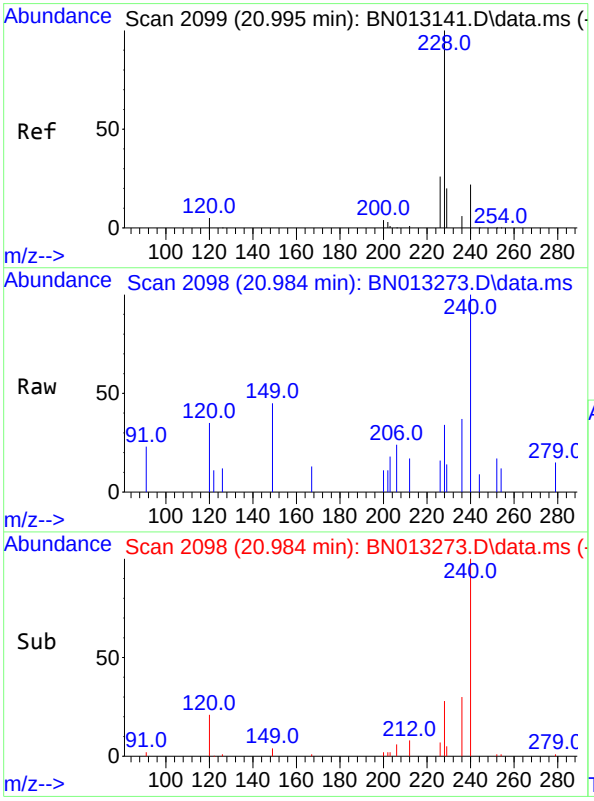


#31
Terphenyl-d14
Concen: 0.38 ng
RT: 19.431 min Scan# 1890
Delta R.T. -0.000 min
Lab File: BN013273.D
Acq: 22 Dec 2020 15:12

Tgt Ion:244 Resp: 2942

Ion	Ratio	Lower	Upper
244	100		
212	10.8	7.3	10.9
122	11.0	7.3	10.9#

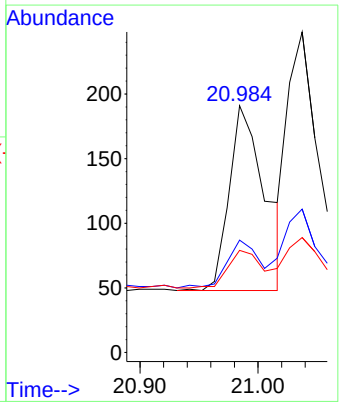




#32
Benzo(a)anthracene
Concen: 0.03 ng
RT: 20.984 min Scan# 2098
Delta R.T. -0.000 min
Lab File: BN013273.D
Acq: 22 Dec 2020 15:12

Tgt Ion:228 Resp: 300

Ion	Ratio	Lower	Upper
228	100		
226	45.5	22.3	33.5#
229	41.4	15.7	23.5#



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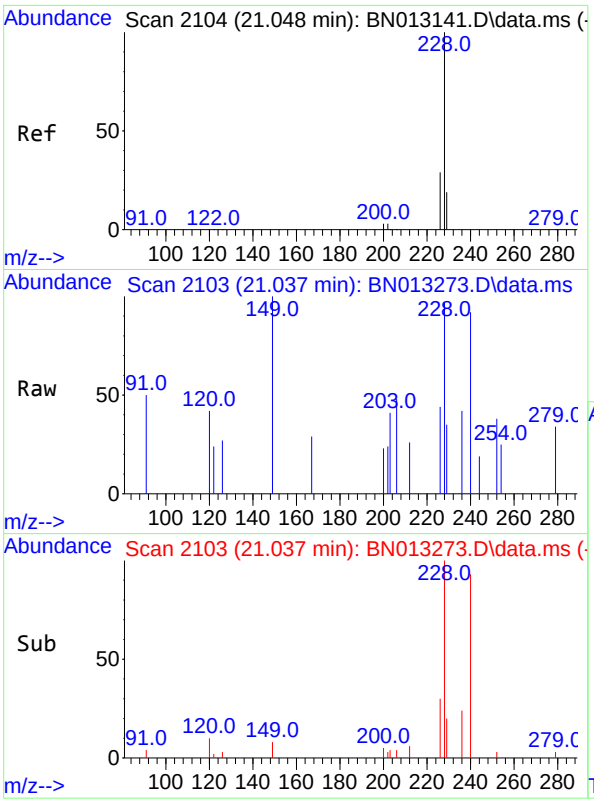
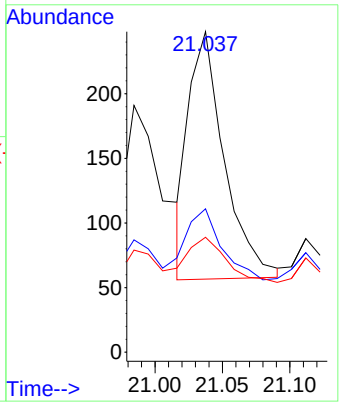
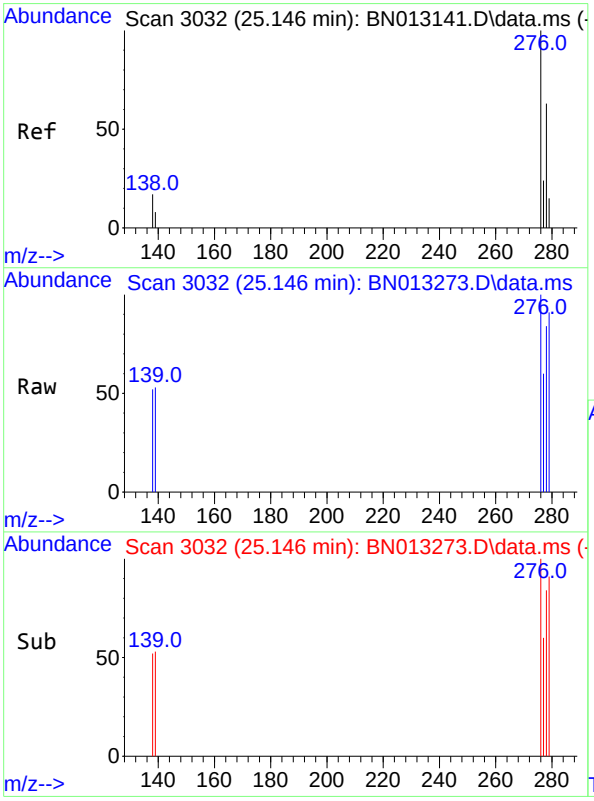


#33
Chrysene
Concen: 0.03 ng
RT: 21.037 min Scan# 2103
Delta R.T. -0.000 min
Lab File: BN013273.D
Acq: 22 Dec 2020 15:12

Tgt Ion:228 Resp: 351

Ion	Ratio	Lower	Upper
228	100		
226	44.8	24.2	36.2#
229	35.9	15.7	23.5#

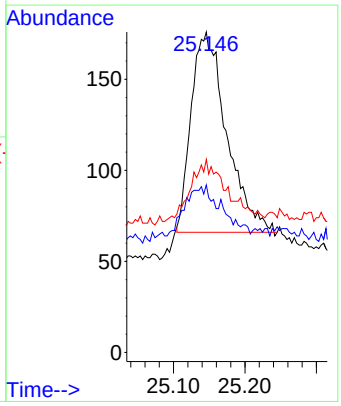




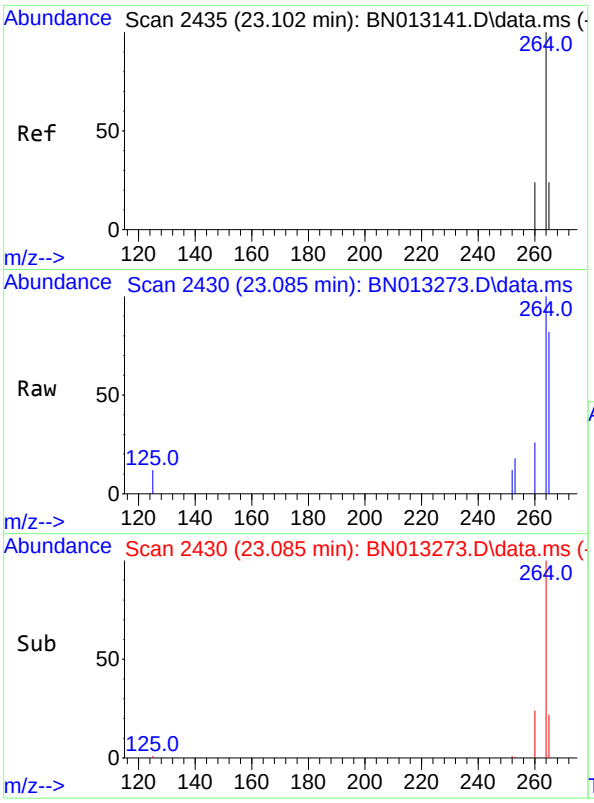
#35
Indeno(1,2,3-cd)pyrene
Concen: 0.02 ng
RT: 25.146 min Scan# 3032
Delta R.T. 0.024 min
Lab File: BN013273.D
Acq: 22 Dec 2020 15:12

Tgt Ion:276 Resp: 377

Ion	Ratio	Lower	Upper
276	100		
138	0.0	13.3	19.9#
277	0.0	20.2	30.4#



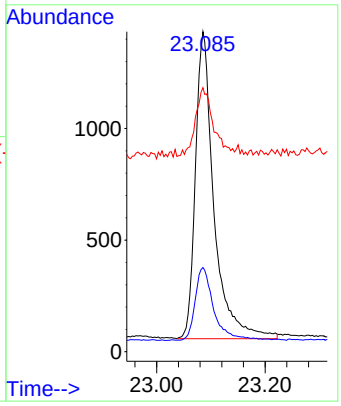
Instrument :
BNA_N
ClientSampleId :
EB-20201214

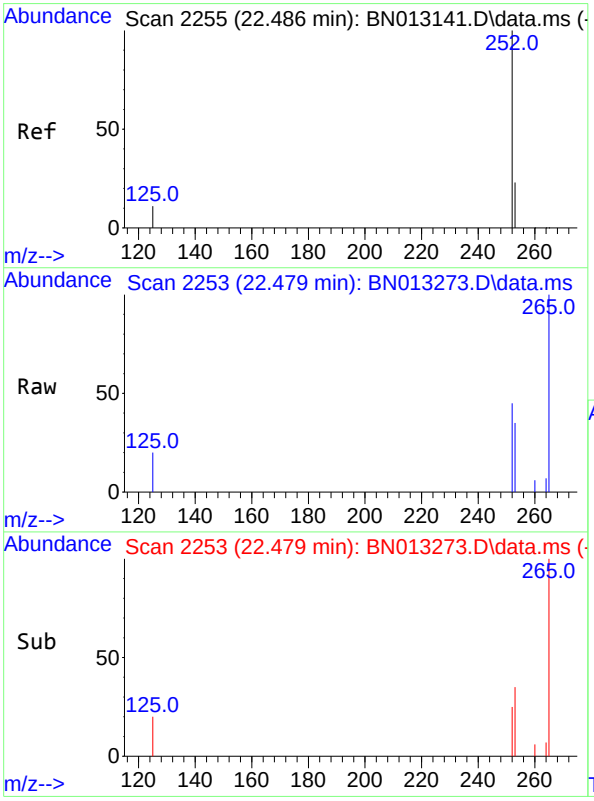


#36
Perylene-d12
Concen: 0.40 ng
RT: 23.085 min Scan# 2430
Delta R.T. -0.000 min
Lab File: BN013273.D
Acq: 22 Dec 2020 15:12

Tgt Ion:264 Resp: 3263

Ion	Ratio	Lower	Upper
264	100		
260	26.3	19.8	29.6
265	82.5	51.4	77.0#

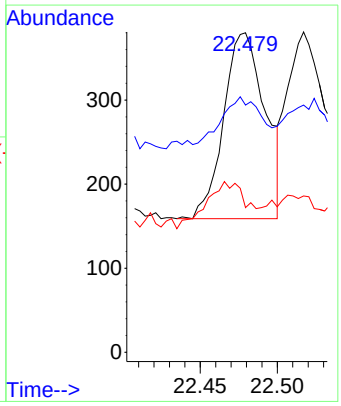




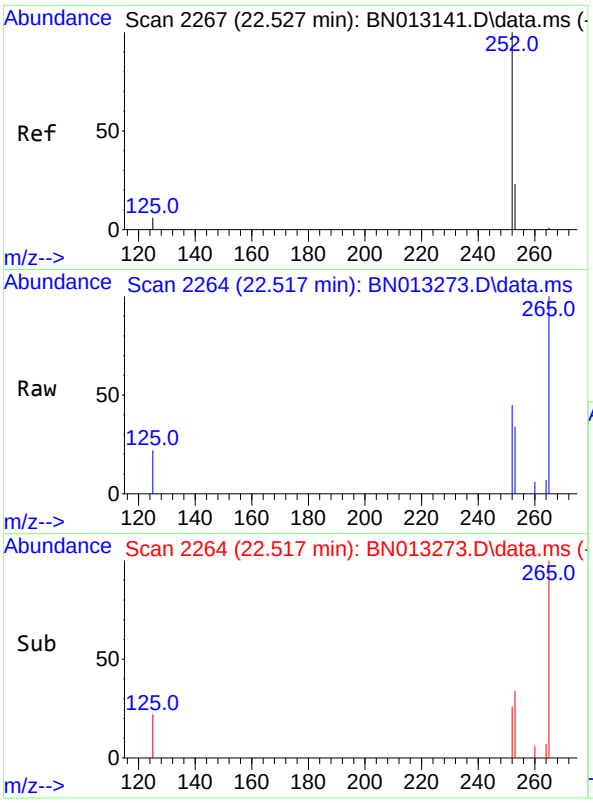
#37
Benzo(b)fluoranthene
Concen: 0.04 ng
RT: 22.479 min Scan# 2253
Delta R.T. 0.007 min
Lab File: BN013273.D
Acq: 22 Dec 2020 15:12

Tgt Ion:252 Resp: 413

Ion	Ratio	Lower	Upper
252	100		
253	77.4	20.1	30.1#
125	45.3	7.2	10.8#



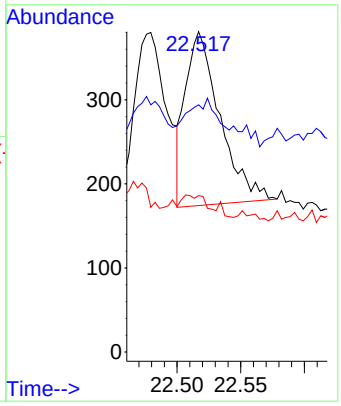
Instrument :
BNA_N
ClientSampleId :
EB-20201214

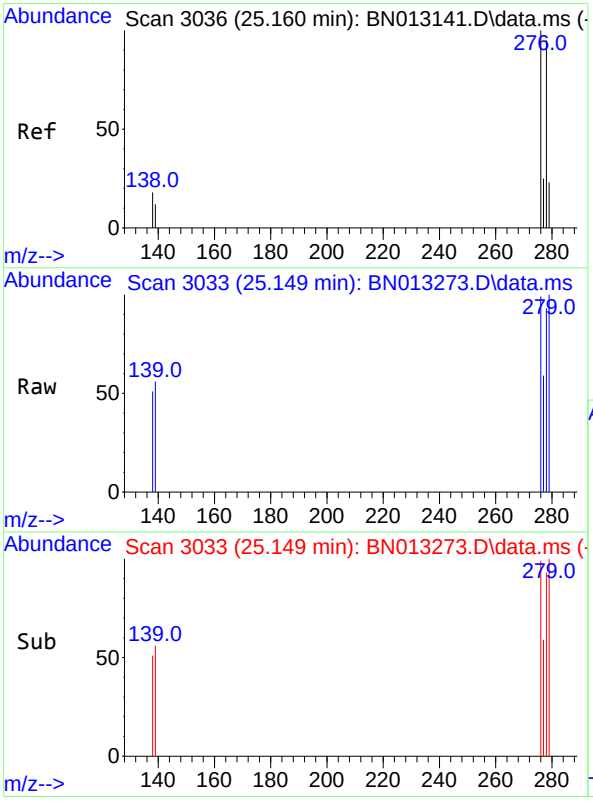


#38
Benzo(k)fluoranthene
Concen: 0.03 ng
RT: 22.517 min Scan# 2264
Delta R.T. 0.003 min
Lab File: BN013273.D
Acq: 22 Dec 2020 15:12

Tgt Ion:252 Resp: 391

Ion	Ratio	Lower	Upper
252	100		
253	77.2	19.8	29.8#
125	48.8	7.1	10.7#

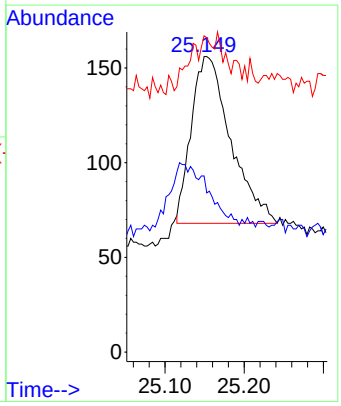


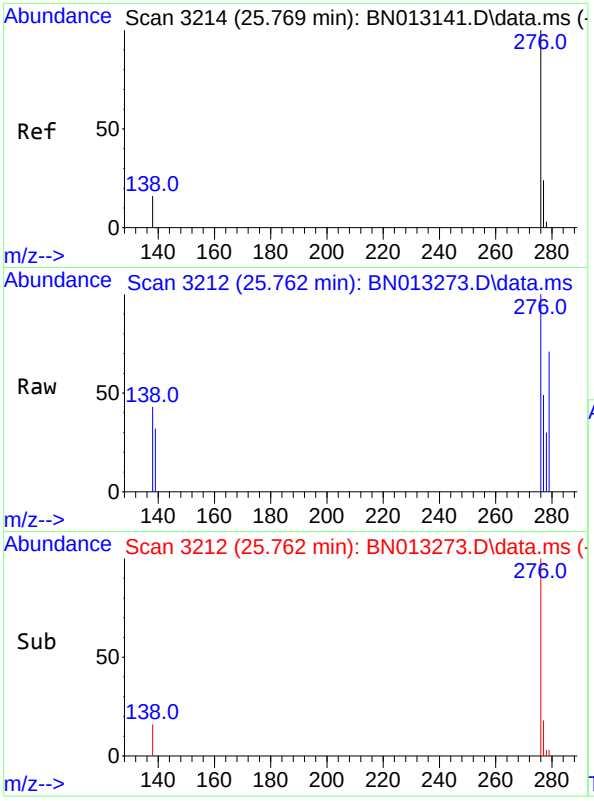


#40
Dibenzo(a,h)anthracene
Concen: 0.02 ng
RT: 25.149 min Scan# 3033
Delta R.T. 0.017 min
Lab File: BN013273.D
Acq: 22 Dec 2020 15:12

Tgt Ion:278 Resp: 305

Ion	Ratio	Lower	Upper
278	100		
139	59.6	9.3	13.9#
279	107.1	21.6	32.4#

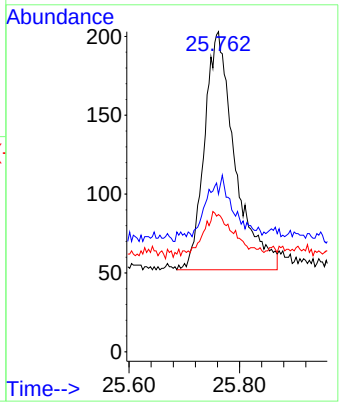




#41
Benzo(g,h,i)perylene
Concen: 0.04 ng
RT: 25.762 min Scan# 3212
Delta R.T. 0.020 min
Lab File: BN013273.D
Acq: 22 Dec 2020 15:12

Tgt Ion:276 Resp: 576

Ion	Ratio	Lower	Upper
276	100		
277	49.3	19.8	29.8#
138	42.9	11.7	17.5#



Instrument :
BNA_N
ClientSampleId :
EB-20201214