Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122220\
Data File : BN013265.D
Acq On : 22 Dec 2020 10:23
Operator : CG/JU
Sample : L5123-19
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MW179D2-20201214

Quant Time: Dec 22 11:07:38 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	720	0.40	ng	0.00
7) Naphthalene-d8	10.112	136	2476	0.40	ng	# 0.01
13) Acenaphthene-d10	13.991	164	1592	0.40	ng	0.00
19) Phenanthrene-d10	16.763	188	3525	0.40	ng	# 0.00
29) Chrysene-d12	20.992	240	4358	0.40	ng	# 0.00
36) Perylene-d12	23.083	264	4974	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.962	112	238	0.08	ng	0.00
5) Phenol-d6	6.549	99	131	0.04	ng	0.00
8) Nitrobenzene-d5	8.528	82	518	0.20	ng	0.03
11) 2-Methylnaphthalene-d10	11.715	152	888	0.20	ng	0.00
14) 2,4,6-Tribromophenol	15.526	330	234	0.23	ng	0.00
15) 2-Fluorobiphenyl	12.608	172	1424	0.21	ng	0.00
27) Fluoranthene-d10	18.813	212	3538	0.30	ng	0.00
31) Terphenyl-d14	19.429	244	3167	0.29	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.925	88	1239	0.99	ng	# 90
6) bis(2-Chloroethyl)ether	6.790	93	83	0.04	ng	# 79
32) Benzo(a)anthracene	20.982	228	415	0.03	ng	# 68
33) Chrysene	21.035	228	406	0.02	ng	# 74
37) Benzo(b)fluoranthene	22.473	252	494	0.03	ng	# 1
38) Benzo(k)fluoranthene	22.514	252	522	0.03	ng	# 1
39) Benzo(a)pyrene	23.000	252	483	0.03	ng	# 1
41) Benzo(g,h,i)perylene	25.756	276	590	0.03	ng	# 38

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

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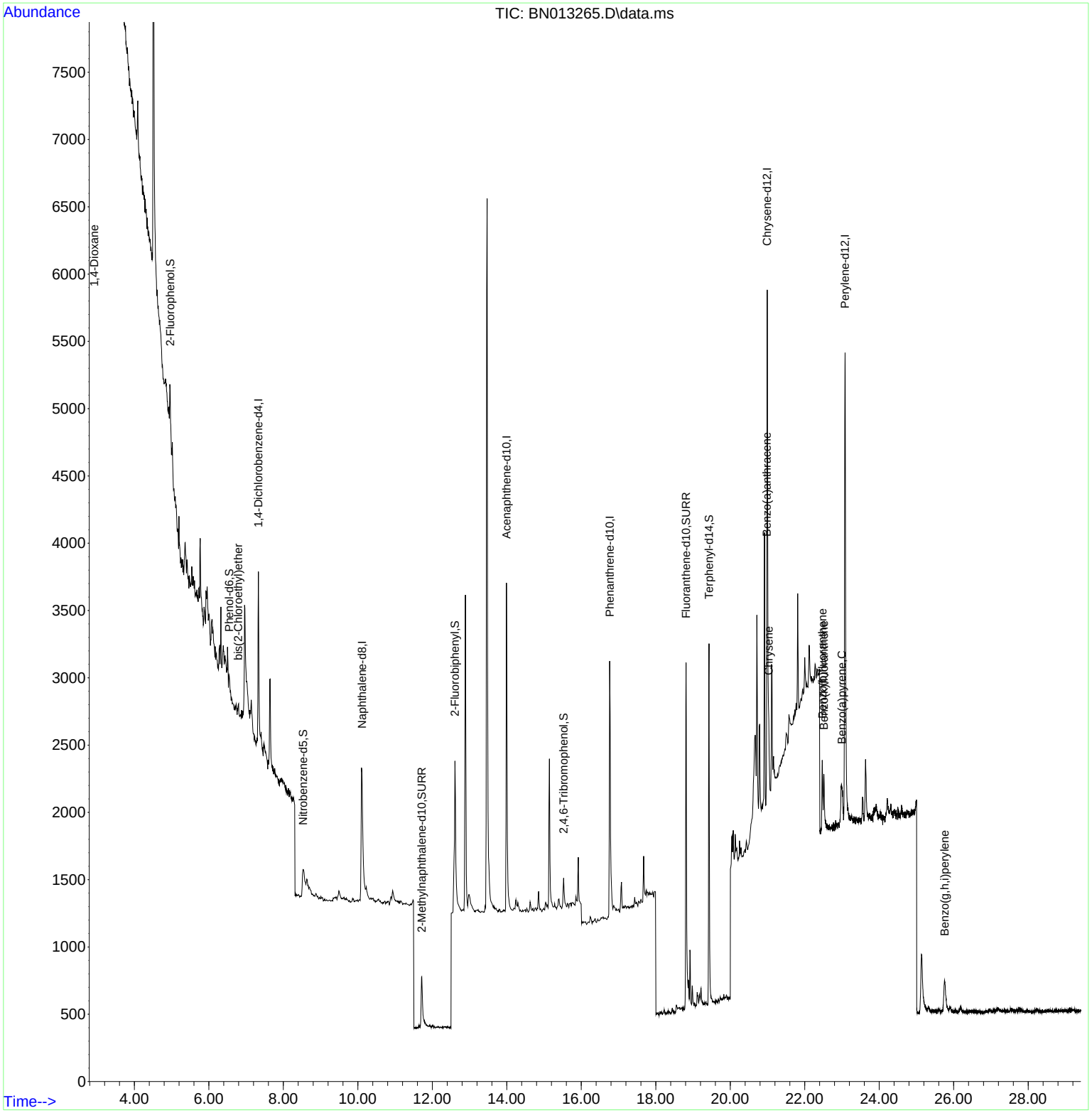
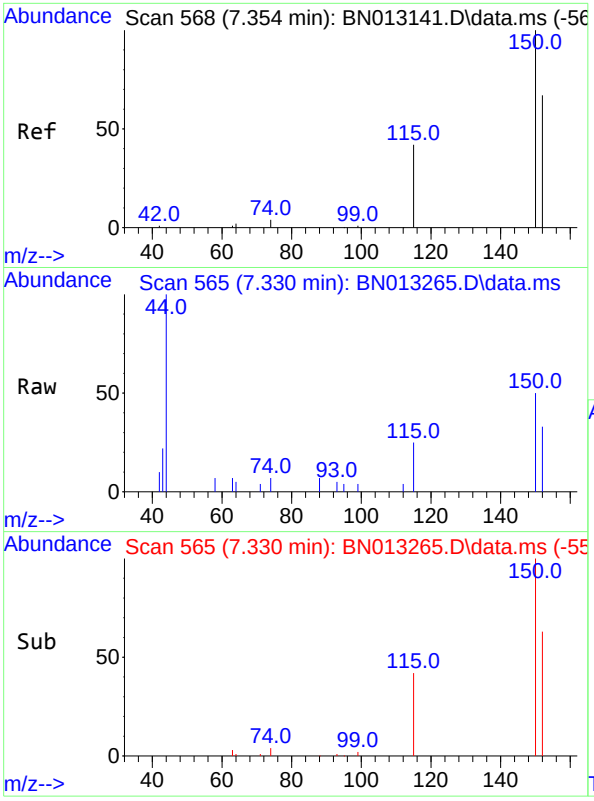
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 22 10:46:43 2020
Response via : Initial Calibration



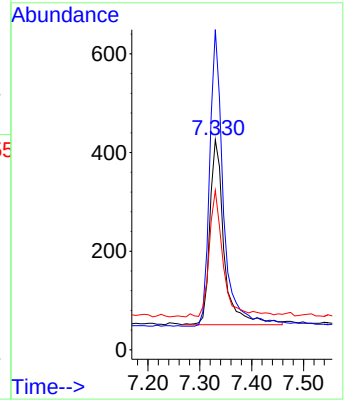
Instrument :
BNA_N
ClientSampleId :
MW179D2-20201214

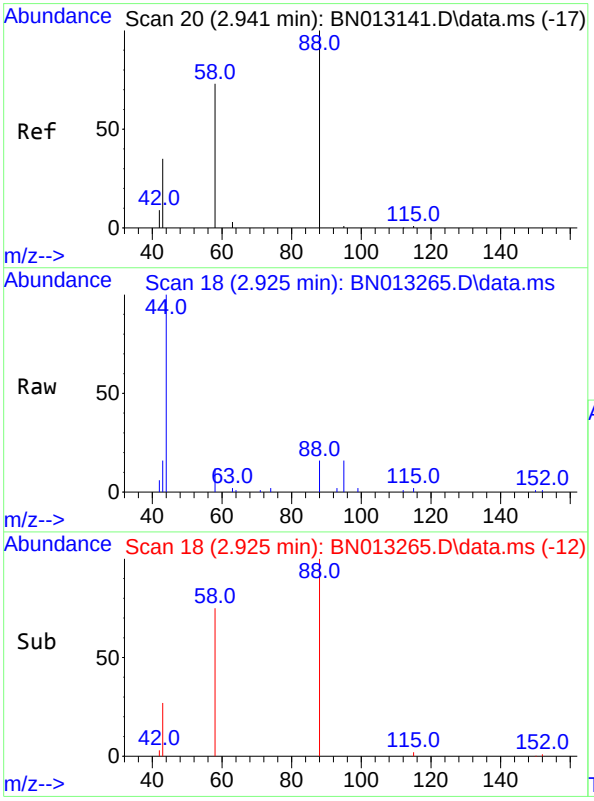


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.330 min Scan# 565
Delta R.T. -0.000 min
Lab File: BN013265.D
Acq: 22 Dec 2020 10:23

Tgt Ion:152 Resp: 720

Ion	Ratio	Lower	Upper
152	100		
150	152.3	116.6	174.8
115	75.8	52.9	79.3

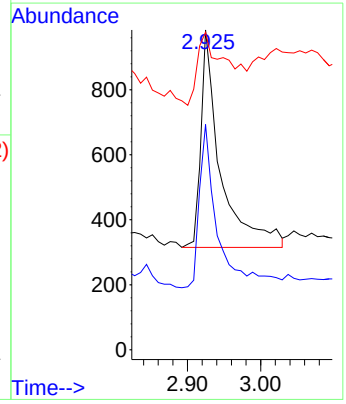


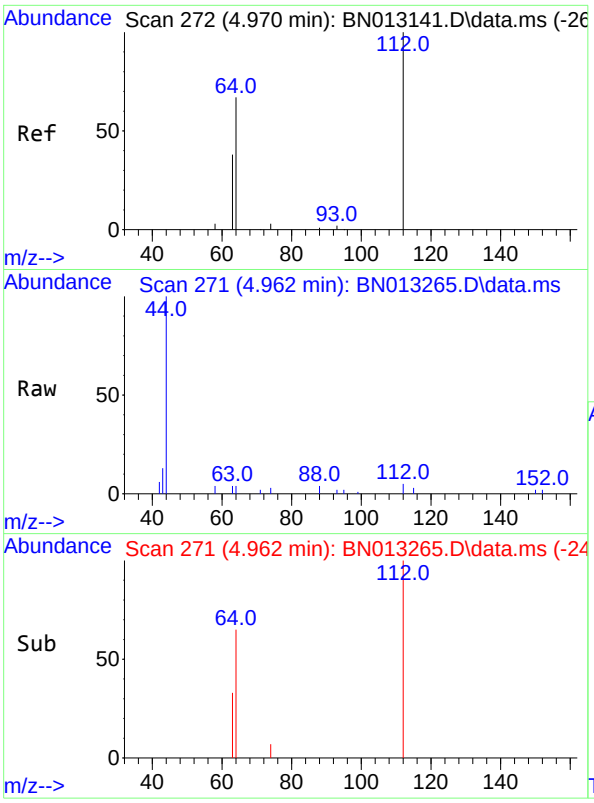


#2
1,4-Dioxane
Concen: 0.99 ng
RT: 2.925 min Scan# 18
Delta R.T. -0.000 min
Lab File: BN013265.D
Acq: 22 Dec 2020 10:23

Tgt Ion: 88 Resp: 1239

Ion	Ratio	Lower	Upper
88	100		
58	71.3	59.4	89.2
43	53.7	32.3	48.5#

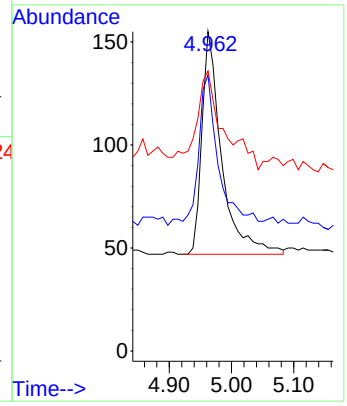




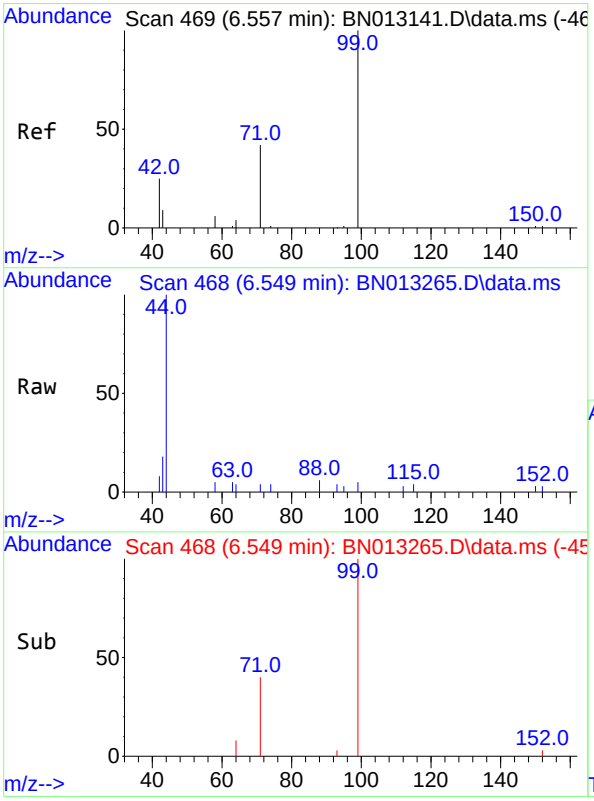
#4
2-Fluorophenol
Concen: 0.08 ng
RT: 4.962 min Scan# 271
Delta R.T. 0.008 min
Lab File: BN013265.D
Acq: 22 Dec 2020 10:23

Tgt Ion:112 Resp: 238

Ion	Ratio	Lower	Upper
112	100		
64	68.5	49.5	74.3
63	61.8	32.0	48.0#



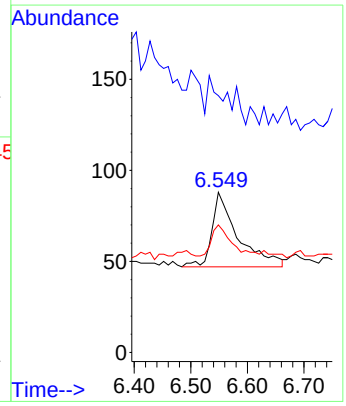
Instrument :
BNA_N
ClientSampleId :
MW179D2-20201214



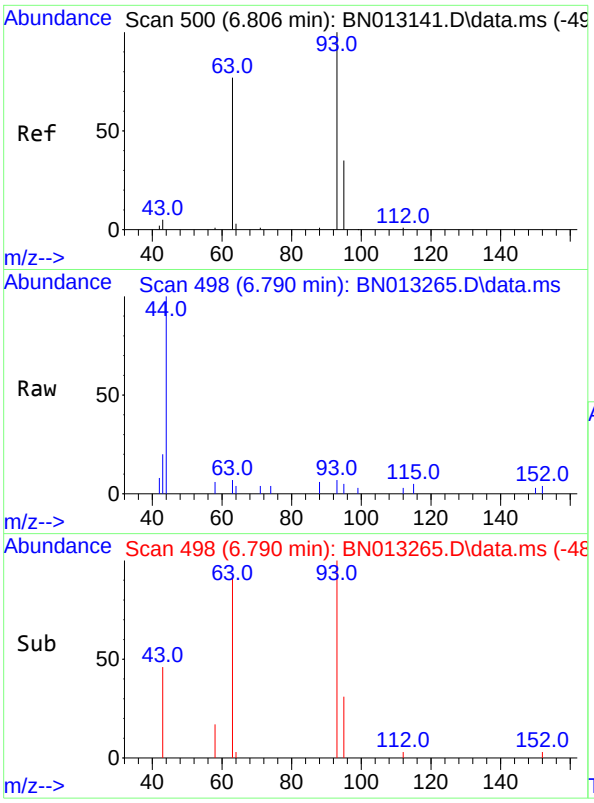
#5
Phenol-d6
Concen: 0.04 ng
RT: 6.549 min Scan# 468
Delta R.T. 0.008 min
Lab File: BN013265.D
Acq: 22 Dec 2020 10:23

Tgt Ion: 99 Resp: 131

Ion	Ratio	Lower	Upper
99	100		
42	18.3	22.4	33.6#
71	30.5	37.8	56.6#



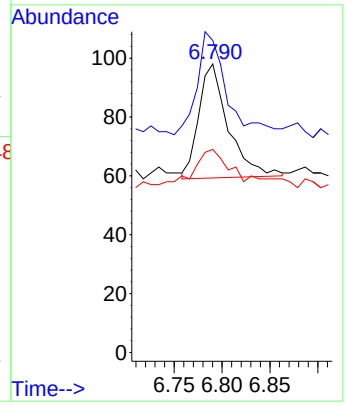
Instrument :
BNA_N
ClientSampleId :
MW179D2-20201214

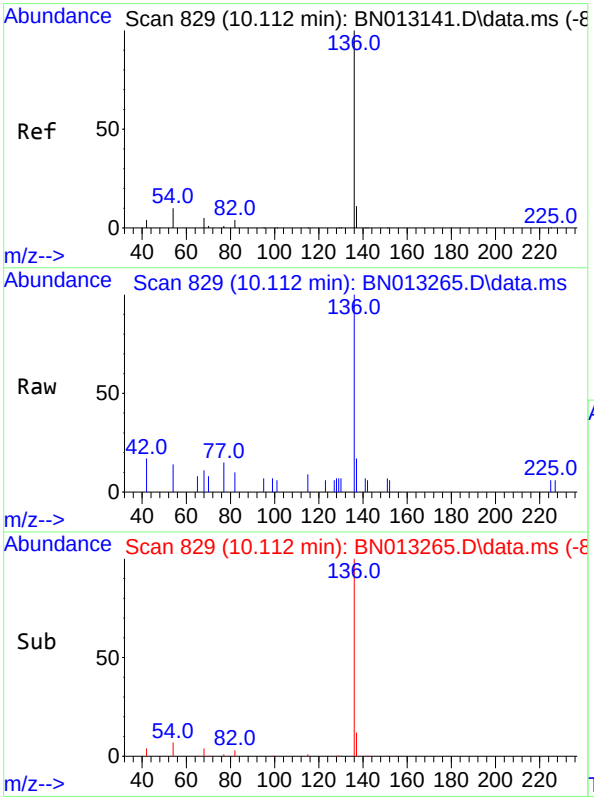


#6
bis(2-Chloroethyl)ether
Concen: 0.04 ng
RT: 6.790 min Scan# 498
Delta R.T. 0.008 min
Lab File: BN013265.D
Acq: 22 Dec 2020 10:23

Tgt Ion: 93 Resp: 83

Ion	Ratio	Lower	Upper
93	100		
63	91.6	63.1	94.7
95	53.0	26.1	39.1#

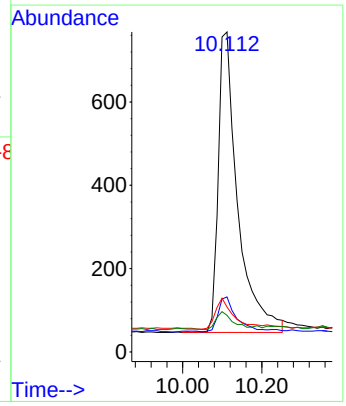


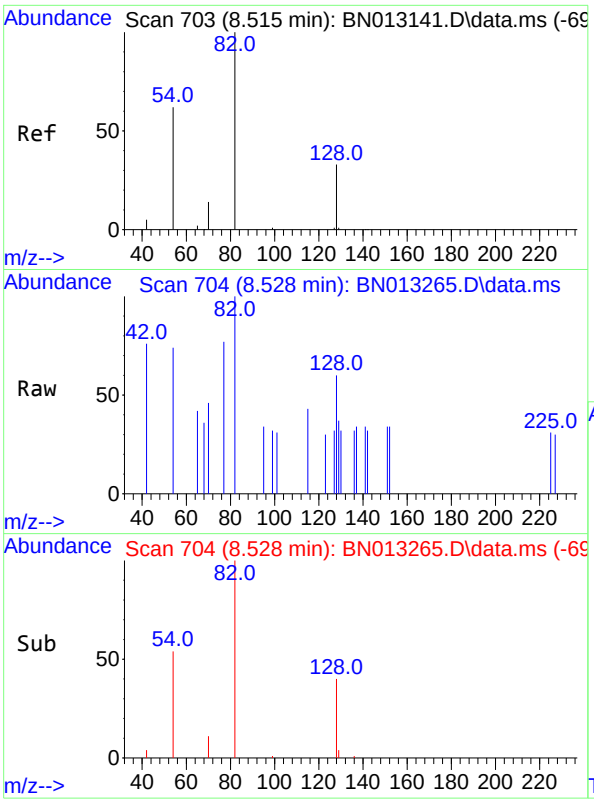


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.112 min Scan# 829
Delta R.T. 0.013 min
Lab File: BN013265.D
Acq: 22 Dec 2020 10:23

Tgt Ion:136 Resp: 2476

Ion	Ratio	Lower	Upper
136	100		
137	17.2	10.6	15.8#
54	14.1	8.6	12.8#
68	11.5	5.7	8.5#

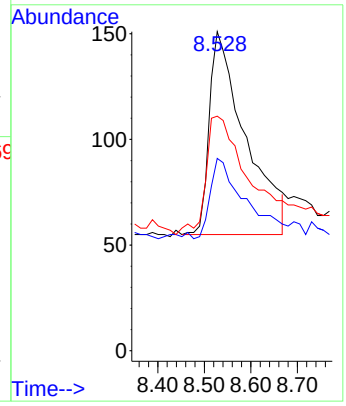




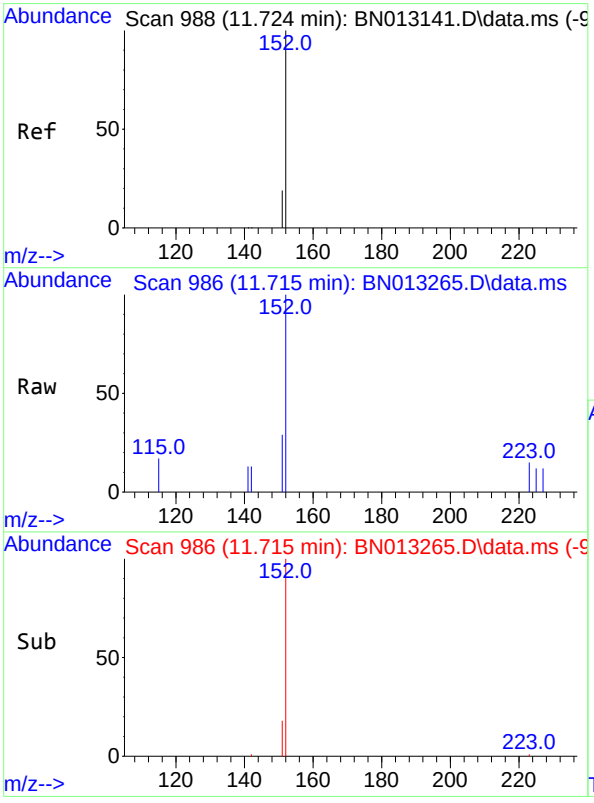
#8
Nitrobenzene-d5
Concen: 0.20 ng
RT: 8.528 min Scan# 704
Delta R.T. 0.025 min
Lab File: BN013265.D
Acq: 22 Dec 2020 10:23

Tgt Ion: 82 Resp: 518

Ion	Ratio	Lower	Upper
82	100		
128	60.3	30.6	46.0#
54	73.5	48.3	72.5#



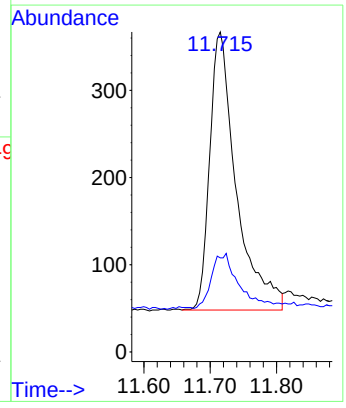
Instrument :
BNA_N
ClientSampleId :
MW179D2-20201214



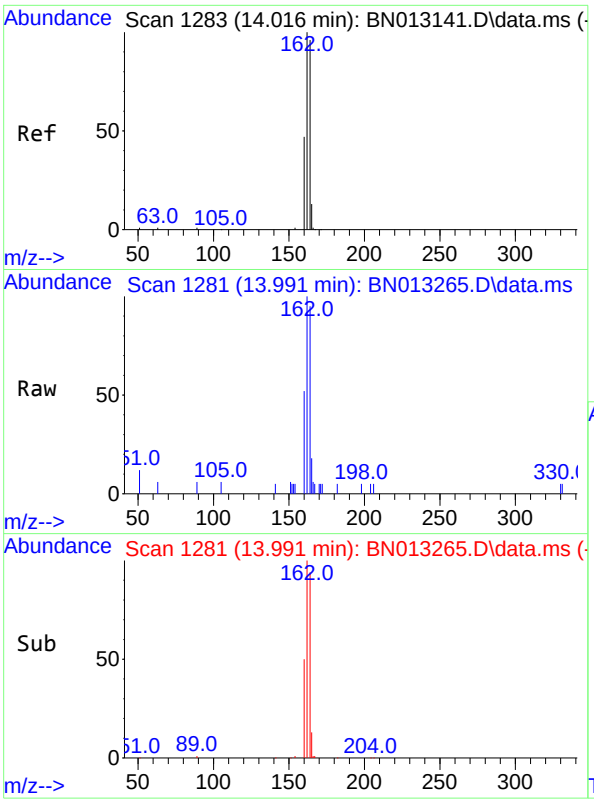
#11
2-Methylnaphthalene-d10
Concen: 0.20 ng
RT: 11.715 min Scan# 986
Delta R.T. 0.009 min
Lab File: BN013265.D
Acq: 22 Dec 2020 10:23

Tgt Ion:152 Resp: 888

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.7	25.1



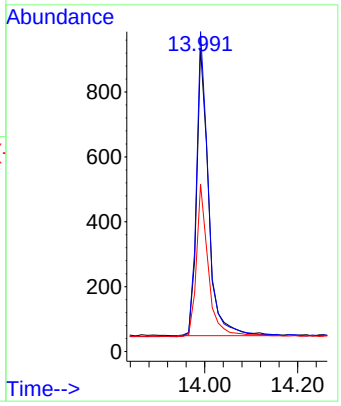
Instrument :
BNA_N
ClientSampleId :
MW179D2-20201214

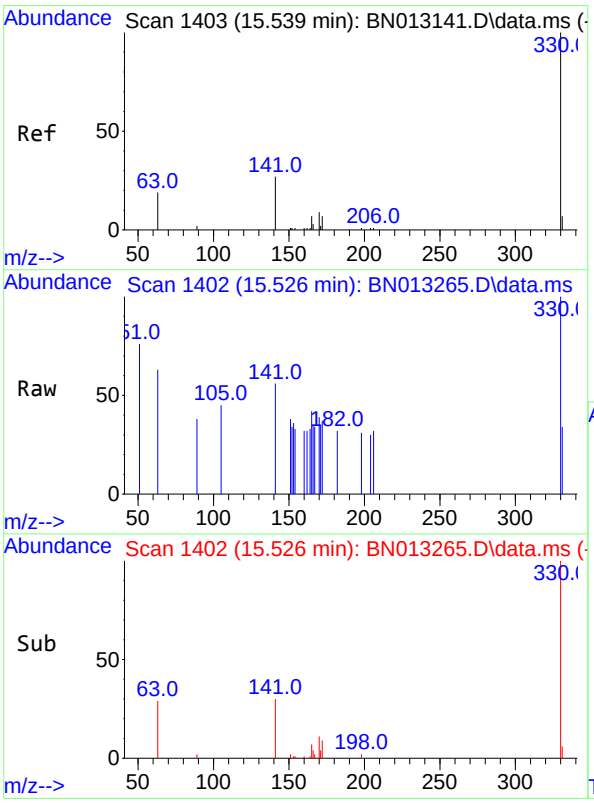


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 13.991 min Scan# 1281
Delta R.T. -0.000 min
Lab File: BN013265.D
Acq: 22 Dec 2020 10:23

Tgt Ion:164 Resp: 1592

Ion	Ratio	Lower	Upper
164	100		
162	105.5	80.6	120.8
160	55.2	39.5	59.3

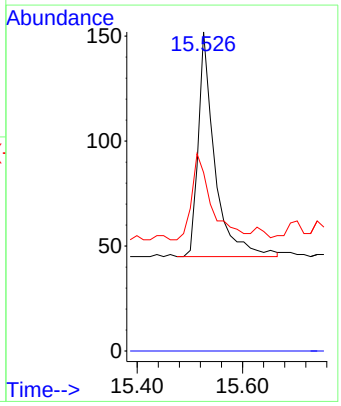




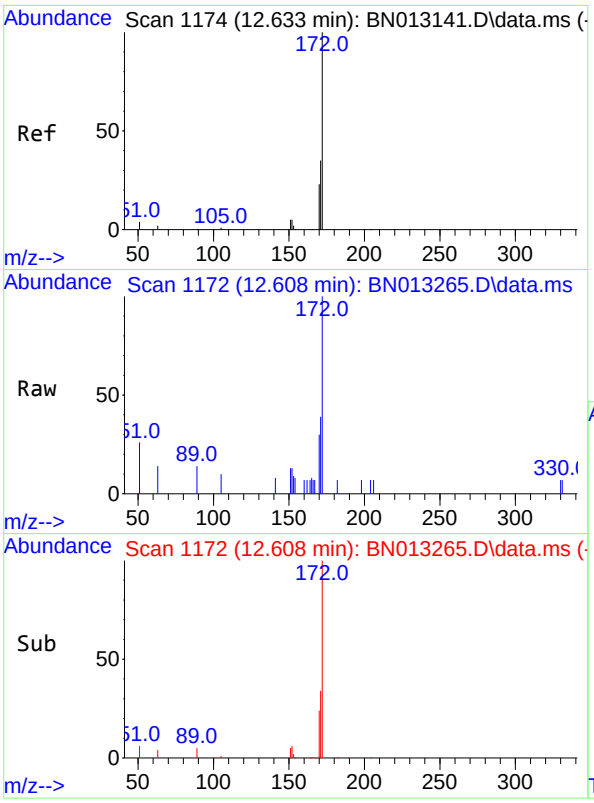
#14
2,4,6-Tribromophenol
Concen: 0.23 ng
RT: 15.526 min Scan# 1402
Delta R.T. -0.000 min
Lab File: BN013265.D
Acq: 22 Dec 2020 10:23

Tgt Ion:330 Resp: 234

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	45.7	34.4	51.6



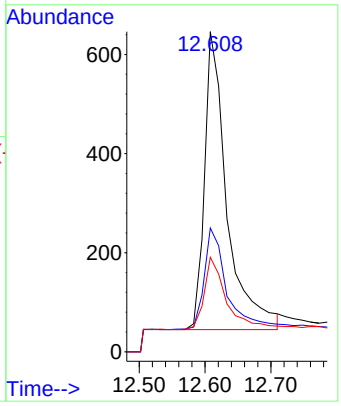
Instrument :
BNA_N
ClientSampleId :
MW179D2-20201214

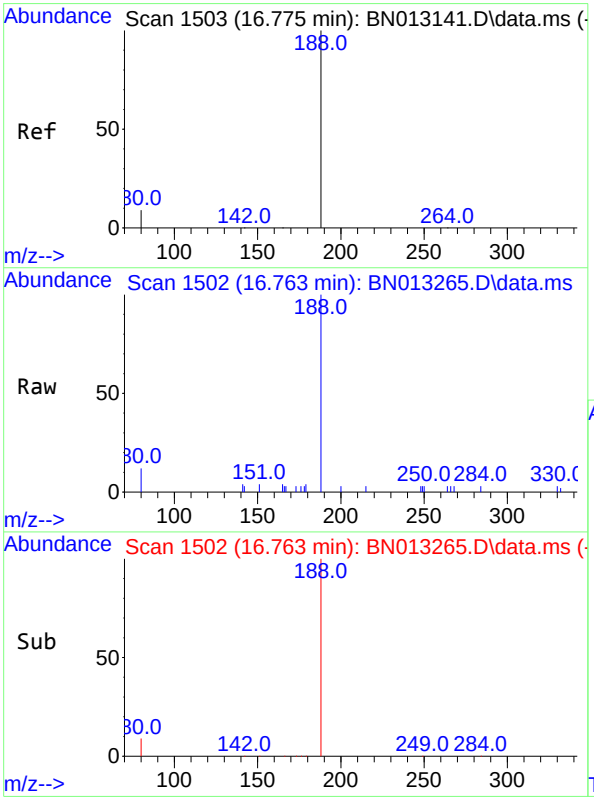


#15
2-Fluorobiphenyl
Concen: 0.21 ng
RT: 12.608 min Scan# 1172
Delta R.T. -0.000 min
Lab File: BN013265.D
Acq: 22 Dec 2020 10:23

Tgt Ion:172 Resp: 1424

Ion	Ratio	Lower	Upper
172	100		
171	38.7	28.2	42.4
170	29.6	20.0	30.0

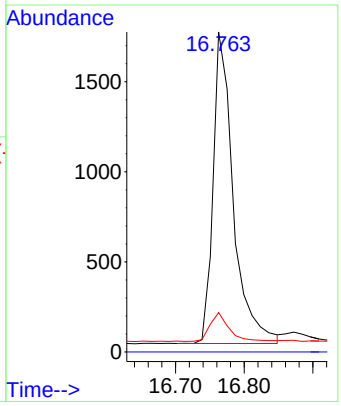




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.763 min Scan# 1502
Delta R.T. -0.001 min
Lab File: BN013265.D
Acq: 22 Dec 2020 10:23

Tgt Ion:188 Resp: 3525

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.3	5.0	7.4#



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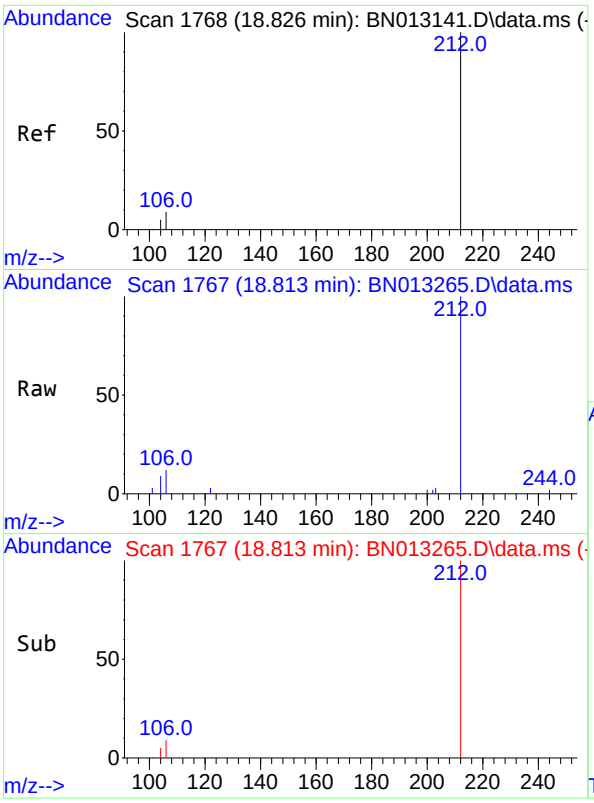
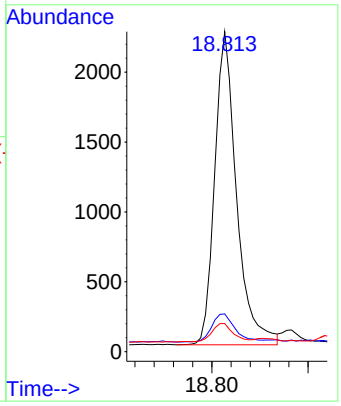
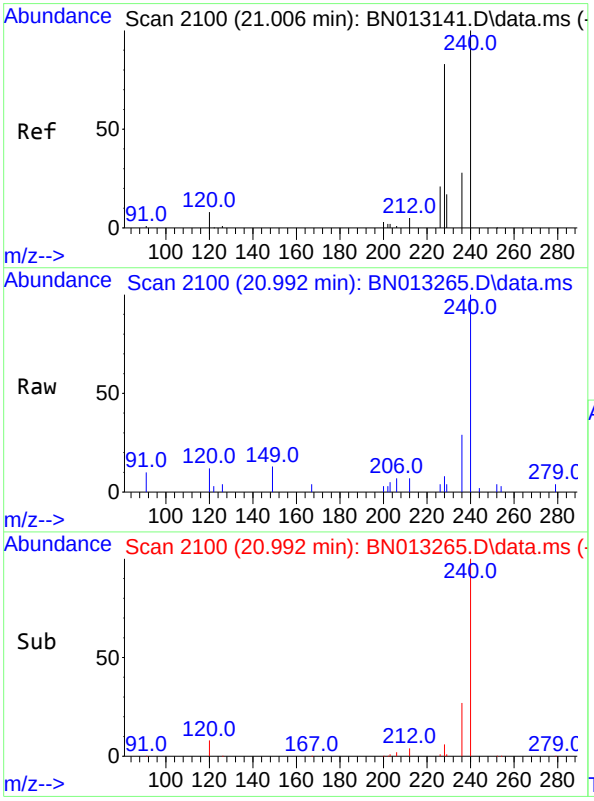


#27
Fluoranthene-d10
Concen: 0.30 ng
RT: 18.813 min Scan# 1767
Delta R.T. -0.003 min
Lab File: BN013265.D
Acq: 22 Dec 2020 10:23

Tgt Ion:212 Resp: 3538

Ion	Ratio	Lower	Upper
212	100		
106	9.6	6.8	10.2
104	6.0	4.1	6.1

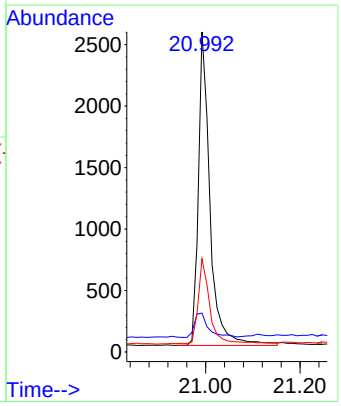


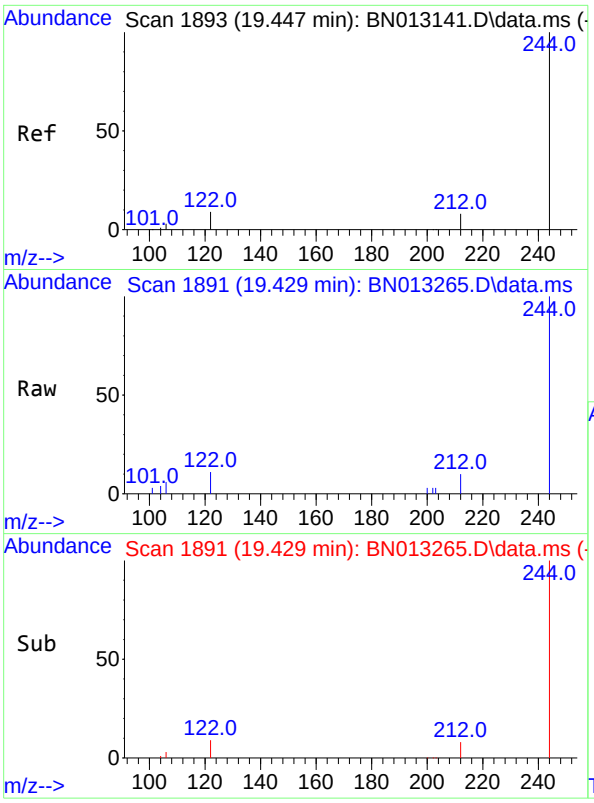


#29
Chrysene-d12
Concen: 0.40 ng
RT: 20.992 min Scan# 2100
Delta R.T. -0.003 min
Lab File: BN013265.D
Acq: 22 Dec 2020 10:23

Tgt Ion:240 Resp: 4358

Ion	Ratio	Lower	Upper
240	100		
120	12.2	5.3	7.9#
236	29.1	21.8	32.8

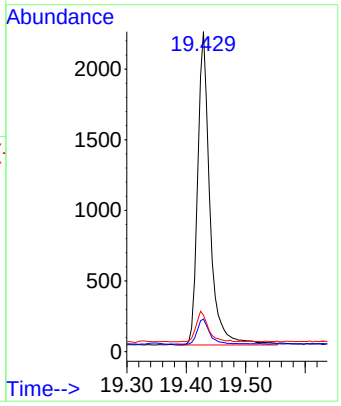




#31
Terphenyl-d14
Concen: 0.29 ng
RT: 19.429 min Scan# 1891
Delta R.T. -0.003 min
Lab File: BN013265.D
Acq: 22 Dec 2020 10:23

Tgt Ion:244 Resp: 3167

Ion	Ratio	Lower	Upper
244	100		
212	10.2	7.3	10.9
122	11.4	7.3	10.9#



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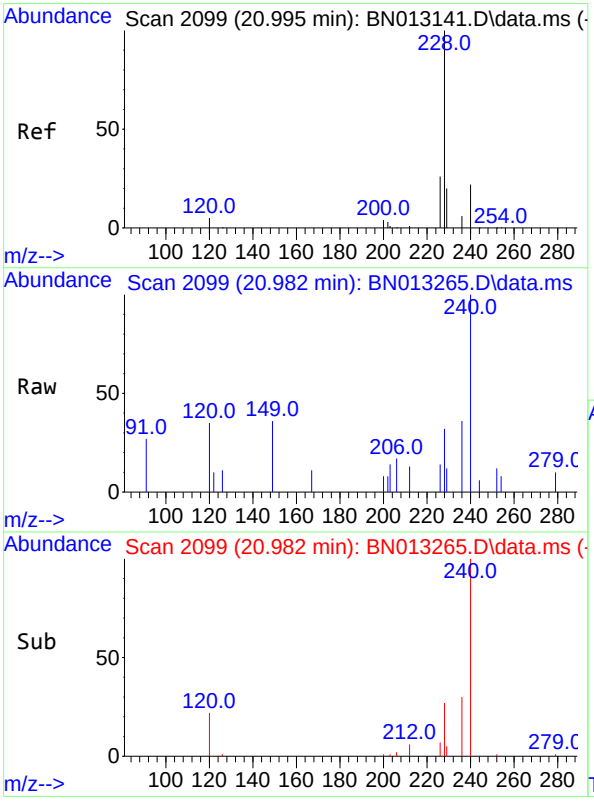
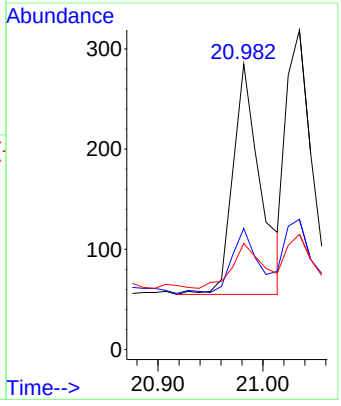


#32
Benzo(a)anthracene
Concen: 0.03 ng
RT: 20.982 min Scan# 2099
Delta R.T. -0.003 min
Lab File: BN013265.D
Acq: 22 Dec 2020 10:23

Tgt Ion:228 Resp: 415

Ion	Ratio	Lower	Upper
228	100		
226	42.5	22.3	33.5#
229	37.2	15.7	23.5#



Instrument :
BNA_N
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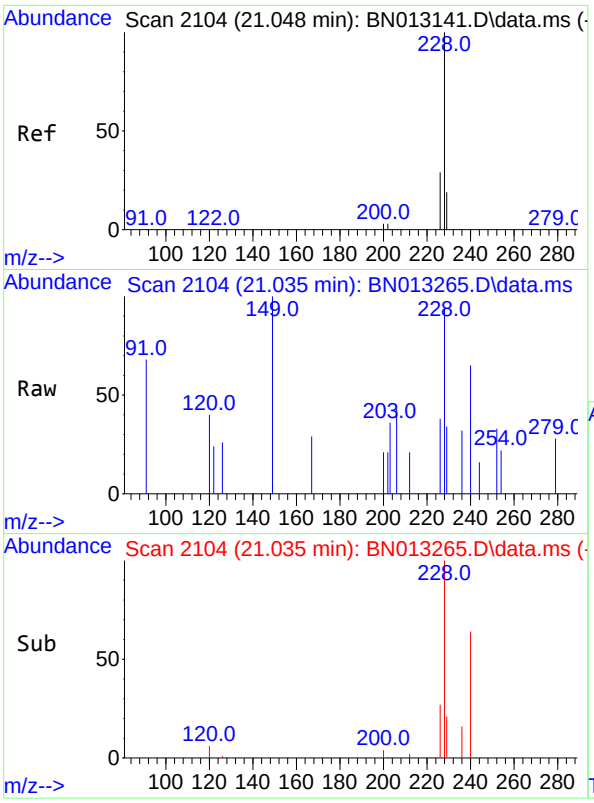
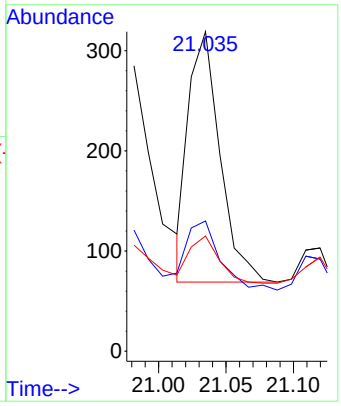
MW179D2-20201214

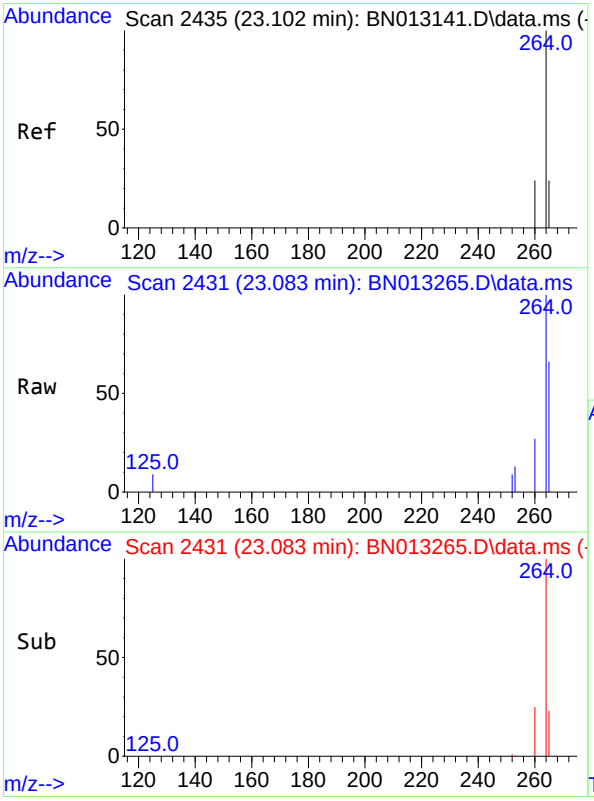


#33
Chrysene
Concen: 0.02 ng
RT: 21.035 min Scan# 2104
Delta R.T. -0.003 min
Lab File: BN013265.D
Acq: 22 Dec 2020 10:23

Tgt Ion:228 Resp: 406

Ion	Ratio	Lower	Upper
228	100		
226	40.8	24.2	36.2#
229	36.1	15.7	23.5#

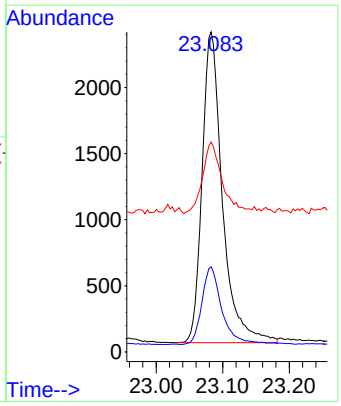




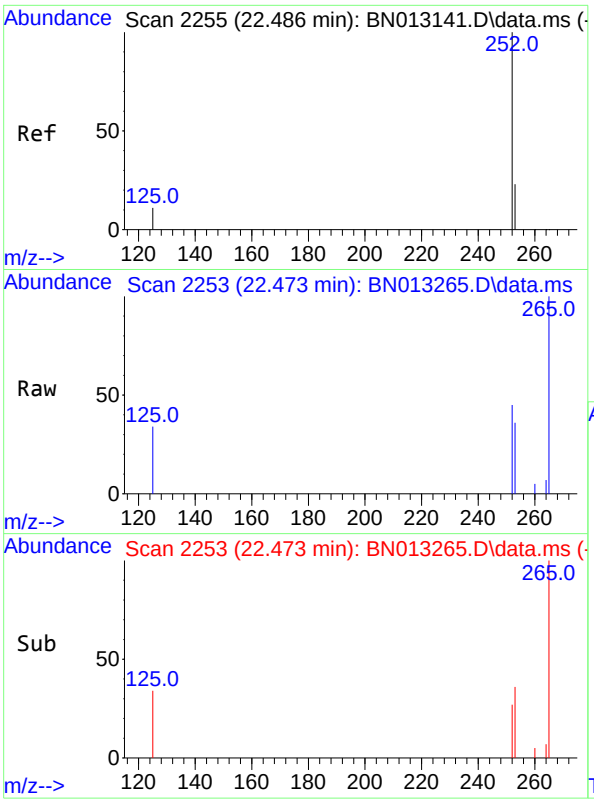
#36
Perylene-d12
Concen: 0.40 ng
RT: 23.083 min Scan# 2431
Delta R.T. -0.003 min
Lab File: BN013265.D
Acq: 22 Dec 2020 10:23

Tgt Ion:264 Resp: 4974

Ion	Ratio	Lower	Upper
264	100		
260	26.6	19.8	29.6
265	65.6	51.4	77.0



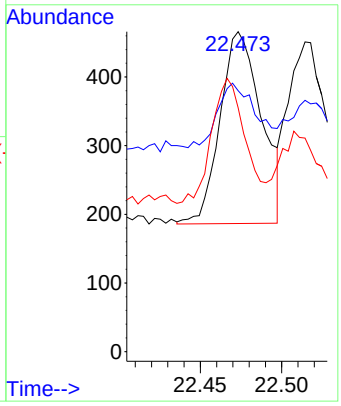
Instrument :
BNA_N
ClientSampleId :
MW179D2-20201214

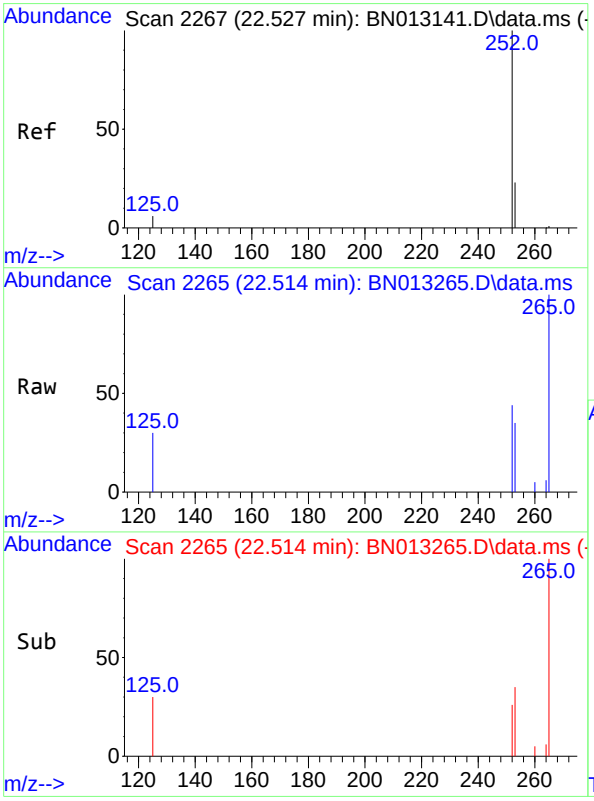


#37
Benzo(b)fluoranthene
Concen: 0.03 ng
RT: 22.473 min Scan# 2253
Delta R.T. 0.001 min
Lab File: BN013265.D
Acq: 22 Dec 2020 10:23

Tgt Ion:252 Resp: 494

Ion	Ratio	Lower	Upper
252	100		
253	81.5	20.1	30.1#
125	76.2	7.2	10.8#

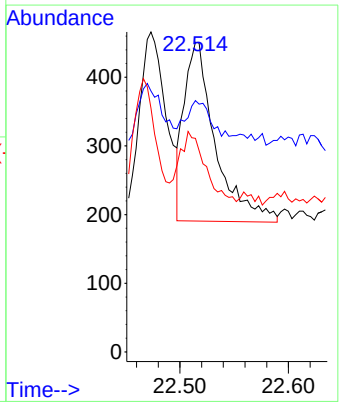




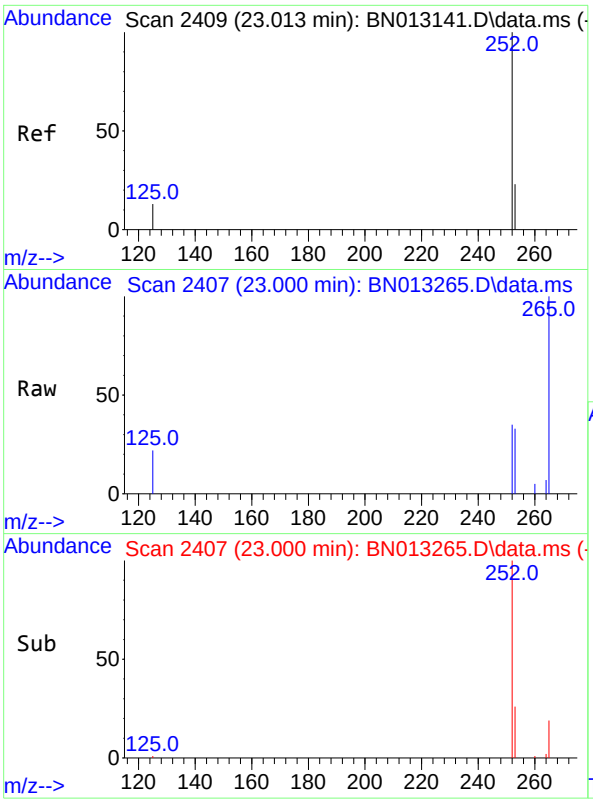
#38
Benzo(k)fluoranthene
Concen: 0.03 ng
RT: 22.514 min Scan# 2265
Delta R.T. 0.001 min
Lab File: BN013265.D
Acq: 22 Dec 2020 10:23

Tgt Ion:252 Resp: 522

Ion	Ratio	Lower	Upper
252	100		
253	81.2	19.8	29.8#
125	69.0	7.1	10.7#



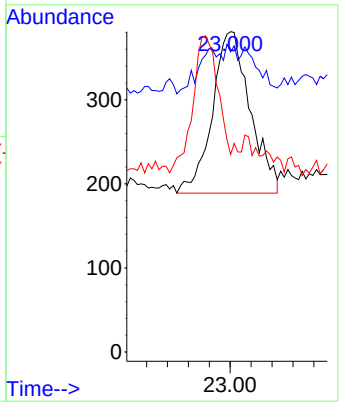
Instrument :
BNA_N
ClientSampleId :
MW179D2-20201214

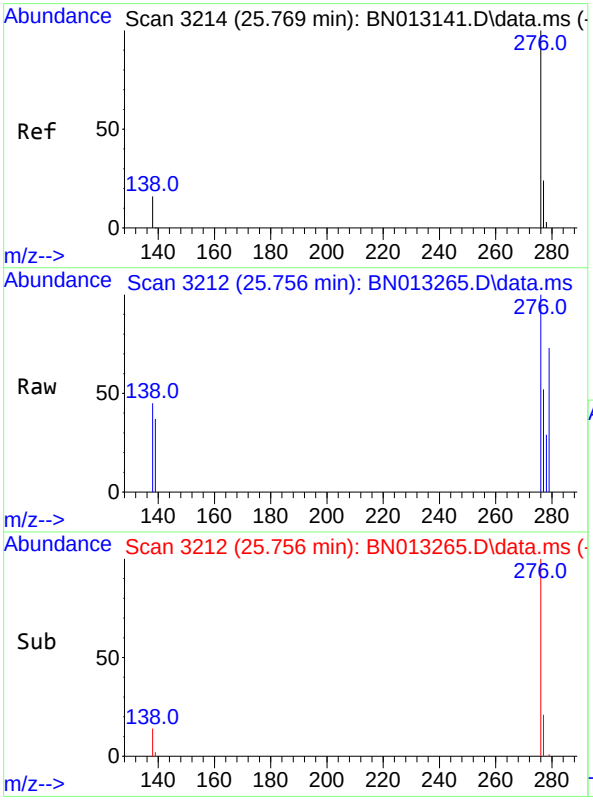


#39
Benzo(a)pyrene
Concen: 0.03 ng
RT: 23.000 min Scan# 2407
Delta R.T. 0.001 min
Lab File: BN013265.D
Acq: 22 Dec 2020 10:23

Tgt Ion:252 Resp: 483

Ion	Ratio	Lower	Upper
252	100		
253	93.7	21.3	31.9#
125	61.7	8.3	12.5#





#41
Benzo(g,h,i)perylene
Concen: 0.03 ng
RT: 25.756 min Scan# 3212
Delta R.T. 0.014 min
Lab File: BN013265.D
Acq: 22 Dec 2020 10:23

Tgt Ion:276 Resp: 590

Ion	Ratio	Lower	Upper
276	100		
277	52.2	19.8	29.8#
138	45.1	11.7	17.5#