Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121620\
Data File : BN013161.D
Acq On : 16 Dec 2020 10:07
Operator : CG/JU
Sample : L4996-20
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : RE134D4-20201208

Quant Time: Dec 16 11:25:42 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 15 16:49:20 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.354	152	675	0.40	ng	0.00
7) Naphthalene-d8	10.125	136	2055	0.40	ng	# 0.01
13) Acenaphthene-d10	14.016	164	1226	0.40	ng	0.00
19) Phenanthrene-d10	16.775	188	2678	0.40	ng	# 0.00
29) Chrysene-d12	21.016	240	2983	0.40	ng	# 0.01
36) Perylene-d12	23.102	264	3428	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.978	112	353	0.13	ng	0.00
5) Phenol-d6	6.557	99	194	0.07	ng	0.00
8) Nitrobenzene-d5	8.540	82	624	0.29	ng	0.03
11) 2-Methylnaphthalene-d10	11.724	152	1149	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.539	330	222	0.29	ng	0.00
15) 2-Fluorobiphenyl	12.621	172	1812	0.35	ng	-0.01
27) Fluoranthene-d10	18.826	212	3985	0.45	ng	0.00
31) Terphenyl-d14	19.442	244	3470	0.46	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.933	88	1982	1.68	ng	94
9) Naphthalene	10.163	128	226	0.04	ng	# 25
12) 2-Methylnaphthalene	11.800	142	753	0.18	ng	# 91
25) Phenanthrene	16.824	178	401	0.05	ng	# 88

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121620\
Data File : BN013161.D
Acq On : 16 Dec 2020 10:07
Operator : CG/JU
Sample : L4996-20
Misc :
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Instrument :
BNA_N
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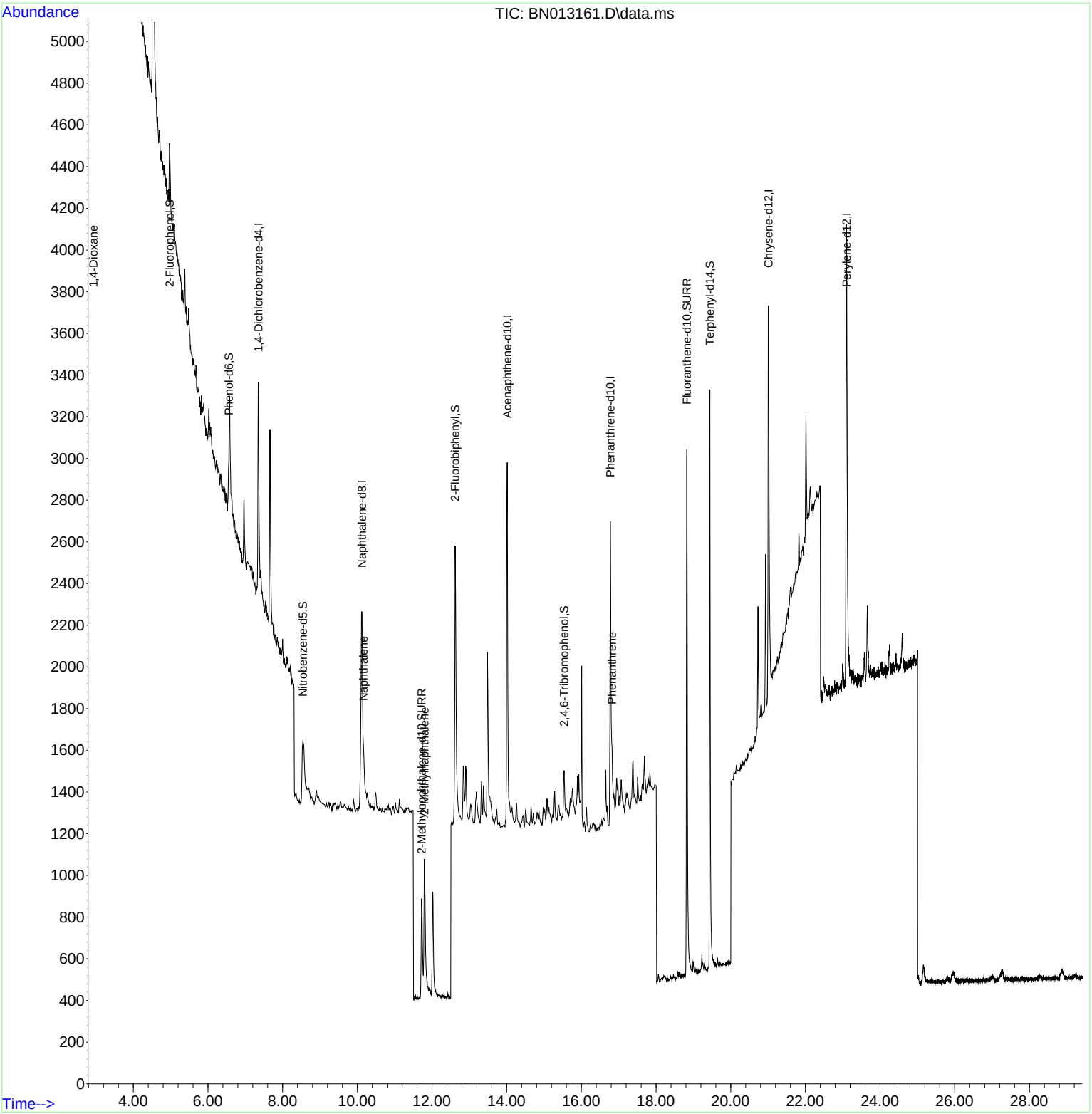
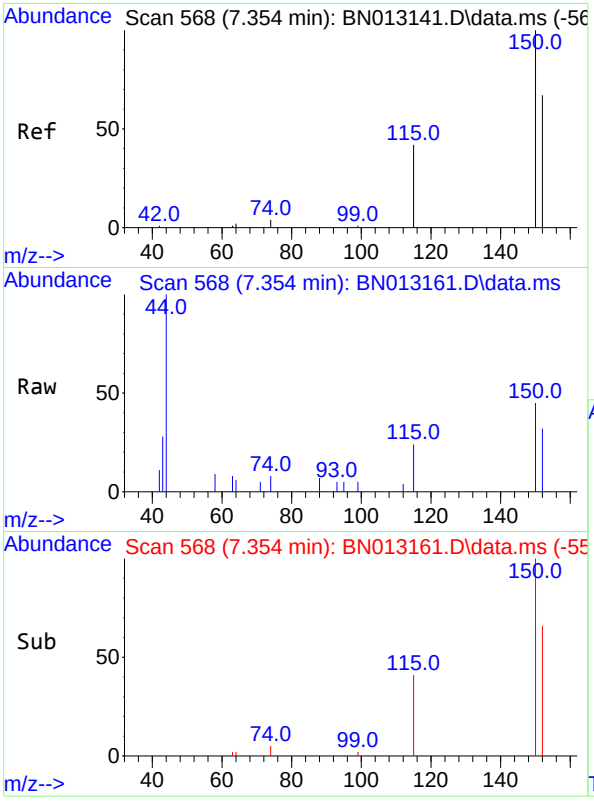
Quant Time: Dec 16 11:25:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 16:49:20 2020
Response via : Initial Calibration



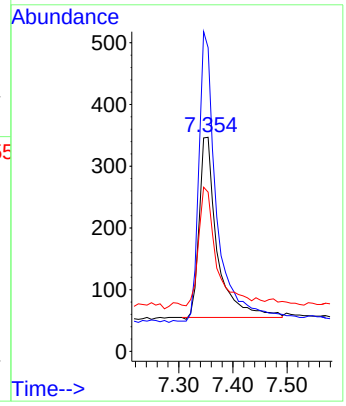
Instrument :
BNA_N
ClientSampleId :
RE134D4-20201208

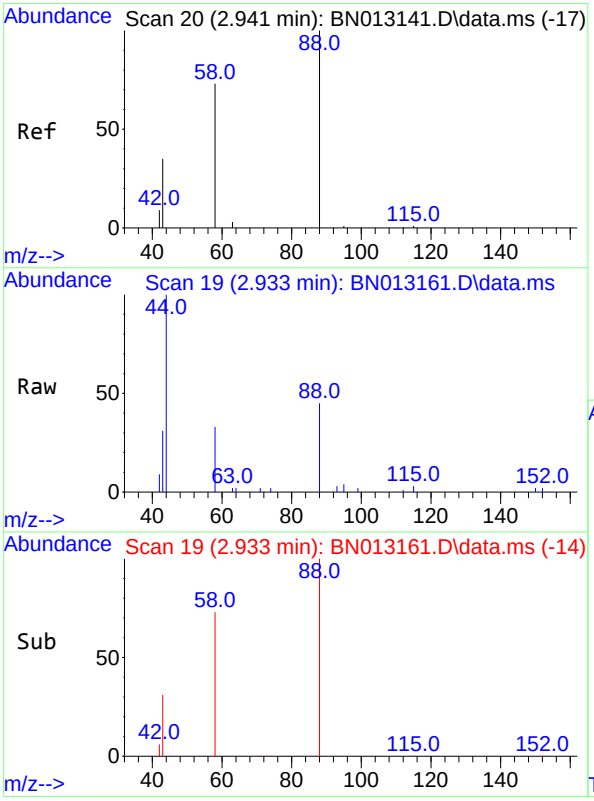


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.354 min Scan# 568
Delta R.T. 0.000 min
Lab File: BN013161.D
Acq: 16 Dec 2020 10:07

Tgt Ion:152 Resp: 675

Ion	Ratio	Lower	Upper
152	100		
150	141.8	116.6	174.8
115	74.4	52.9	79.3

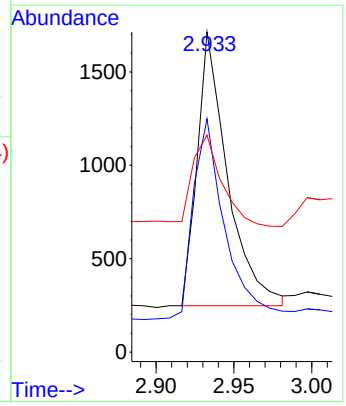


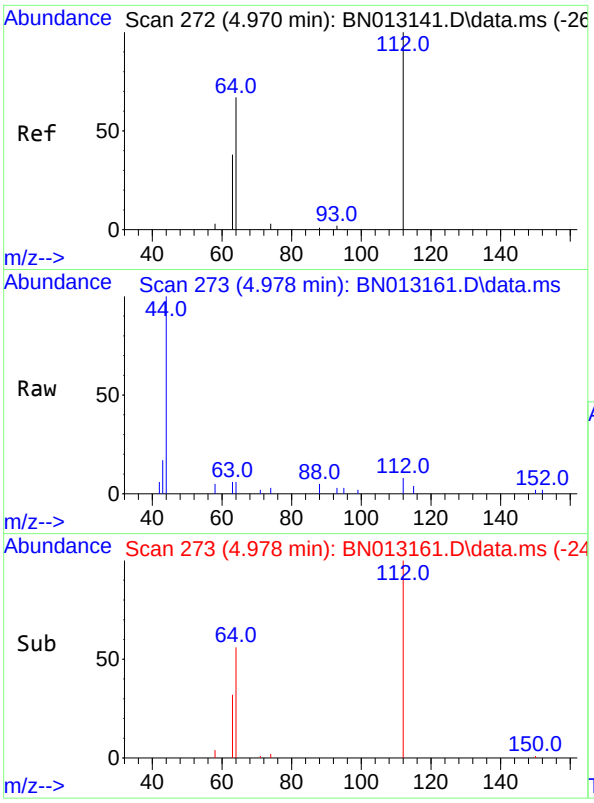


#2
1,4-Dioxane
Concen: 1.68 ng
RT: 2.933 min Scan# 19
Delta R.T. -0.008 min
Lab File: BN013161.D
Acq: 16 Dec 2020 10:07

Tgt Ion: 88 Resp: 1982

Ion	Ratio	Lower	Upper
88	100		
58	76.0	59.4	89.2
43	32.6	32.3	48.5

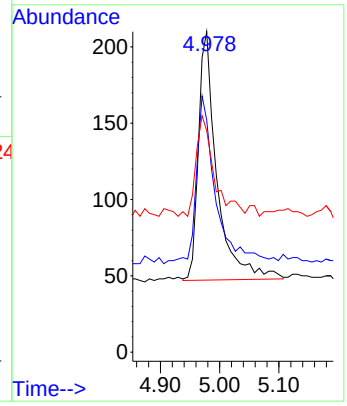




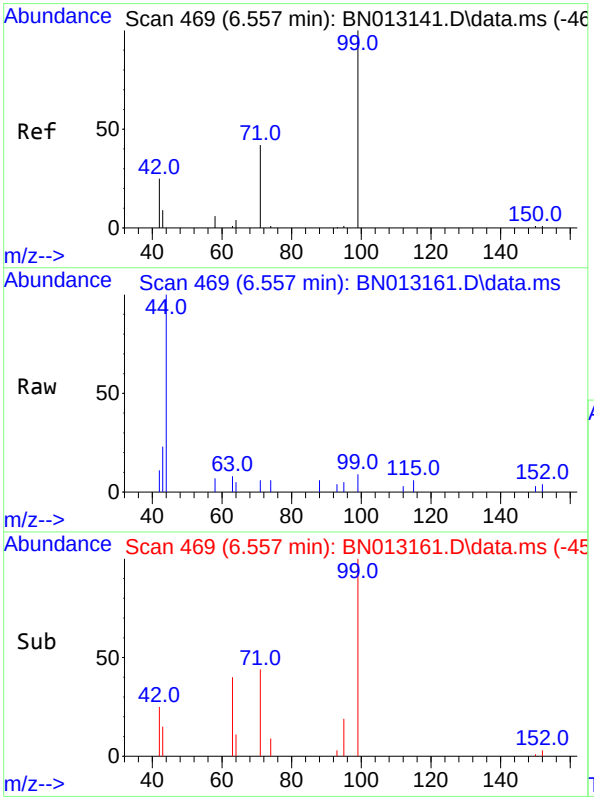
#4
2-Fluorophenol
Concen: 0.13 ng
RT: 4.978 min Scan# 273
Delta R.T. 0.008 min
Lab File: BN013161.D
Acq: 16 Dec 2020 10:07

Tgt Ion:112 Resp: 353

Ion	Ratio	Lower	Upper
112	100		
64	70.5	49.5	74.3
63	39.7	32.0	48.0



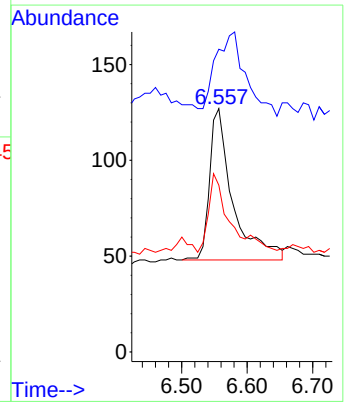
Instrument :
BNA_N
ClientSampleId :
RE134D4-20201208



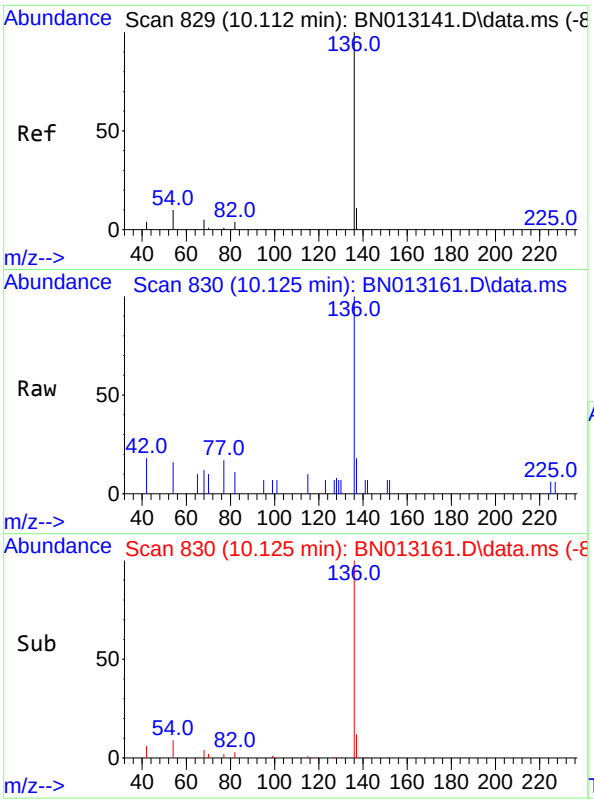
#5
Phenol-d6
Concen: 0.07 ng
RT: 6.557 min Scan# 469
Delta R.T. -0.000 min
Lab File: BN013161.D
Acq: 16 Dec 2020 10:07

Tgt Ion: 99 Resp: 194

Ion	Ratio	Lower	Upper
99	100		
42	0.0	22.4	33.6#
71	47.9	37.8	56.6



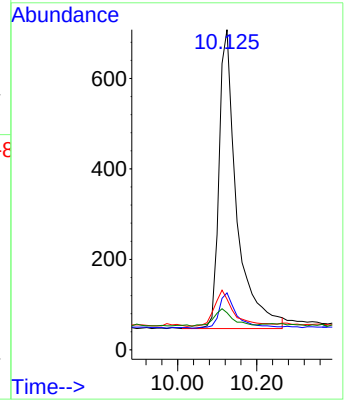
Instrument :
BNA_N
ClientSampleId :
RE134D4-20201208

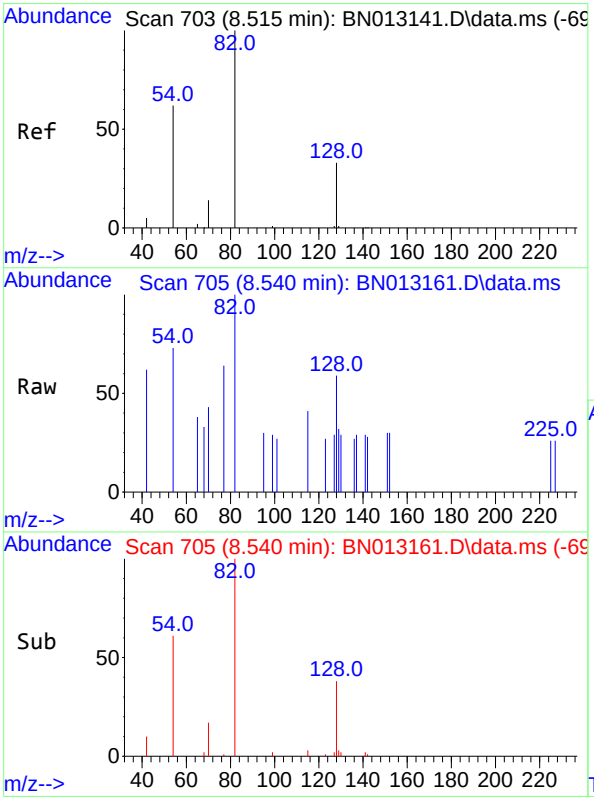


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.125 min Scan# 830
Delta R.T. 0.013 min
Lab File: BN013161.D
Acq: 16 Dec 2020 10:07

Tgt Ion:136 Resp: 2055

Ion	Ratio	Lower	Upper
136	100		
137	17.8	10.6	15.8#
54	15.8	8.6	12.8#
68	11.6	5.7	8.5#

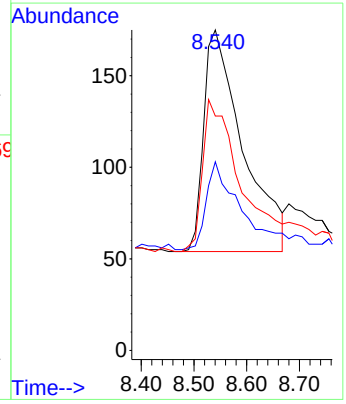


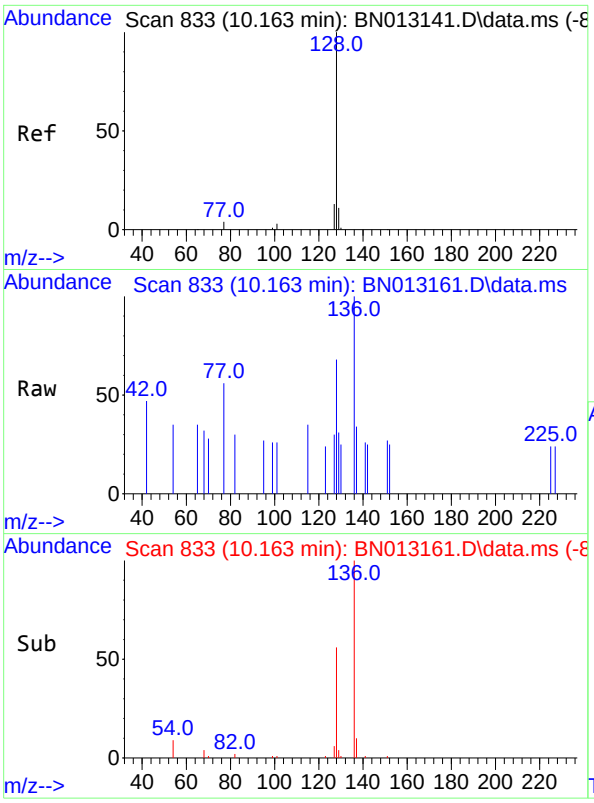


#8
Nitrobenzene-d5
Concen: 0.29 ng
RT: 8.540 min Scan# 705
Delta R.T. 0.025 min
Lab File: BN013161.D
Acq: 16 Dec 2020 10:07

Tgt Ion: 82 Resp: 624

Ion	Ratio	Lower	Upper
82	100		
128	58.9	30.6	46.0#
54	73.1	48.3	72.5#

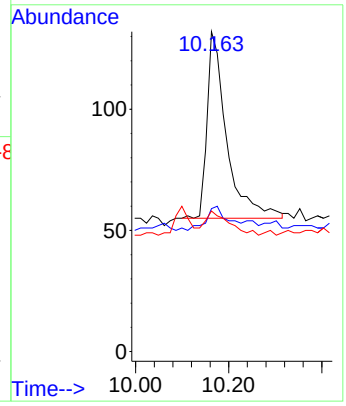




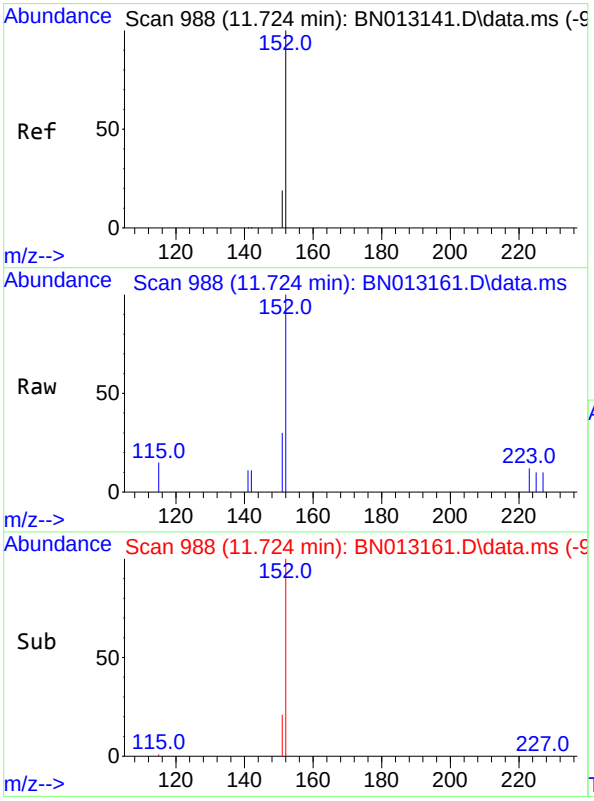
#9
Naphthalene
Concen: 0.04 ng
RT: 10.163 min Scan# 833
Delta R.T. -0.000 min
Lab File: BN013161.D
Acq: 16 Dec 2020 10:07

Tgt Ion:128 Resp: 226

Ion	Ratio	Lower	Upper
128	100		
129	44.7	9.8	14.8#
127	43.9	12.2	18.4#



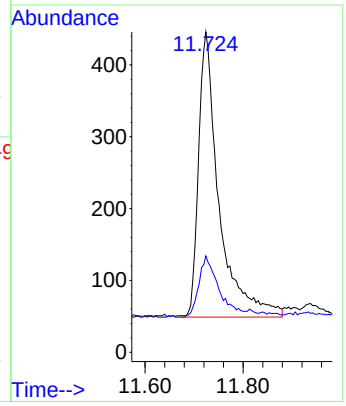
Instrument :
BNA_N
ClientSampleId :
RE134D4-20201208



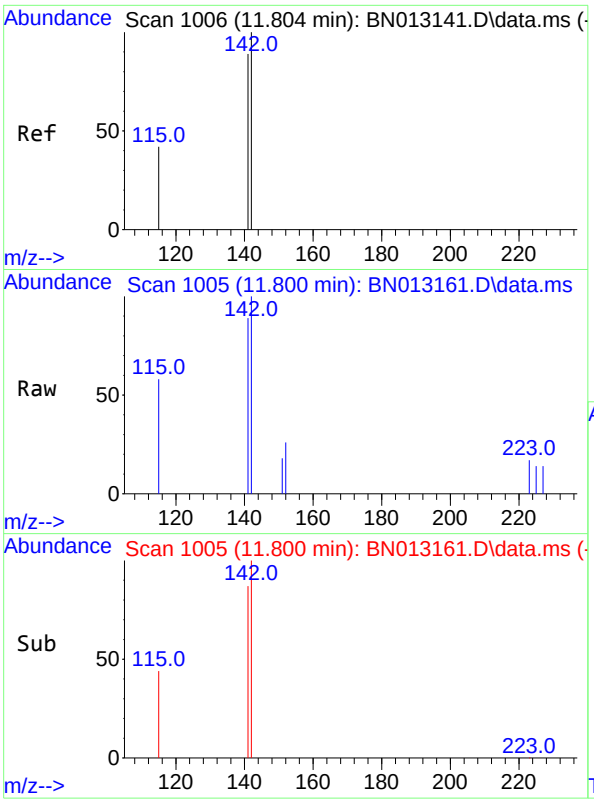
#11
2-Methylnaphthalene-d10
Concen: 0.32 ng
RT: 11.724 min Scan# 988
Delta R.T. -0.000 min
Lab File: BN013161.D
Acq: 16 Dec 2020 10:07

Tgt Ion:152 Resp: 1149

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.7	25.1



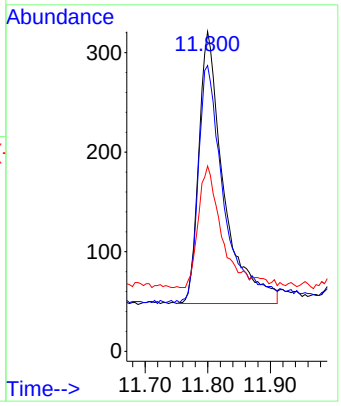
Instrument :
BNA_N
ClientSampleId :
RE134D4-20201208

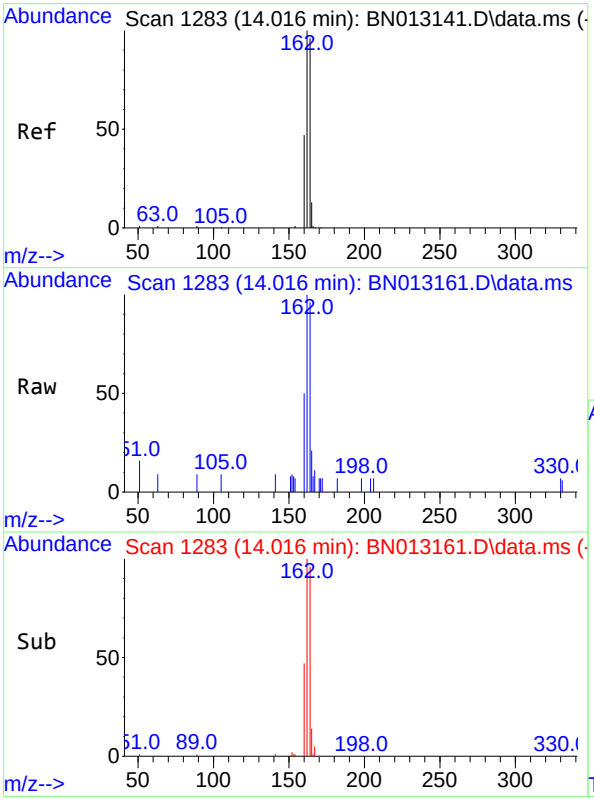


#12
2-Methylnaphthalene
Concen: 0.18 ng
RT: 11.800 min Scan# 1005
Delta R.T. -0.004 min
Lab File: BN013161.D
Acq: 16 Dec 2020 10:07

Tgt Ion:142 Resp: 753

Ion	Ratio	Lower	Upper
142	100		
141	89.4	69.4	104.2
115	57.9	35.7	53.5#

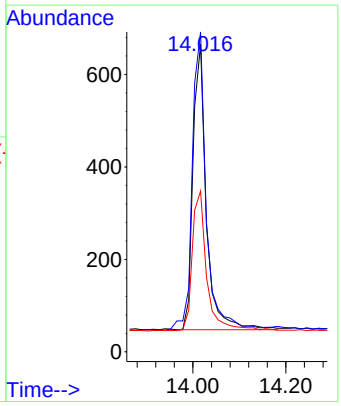




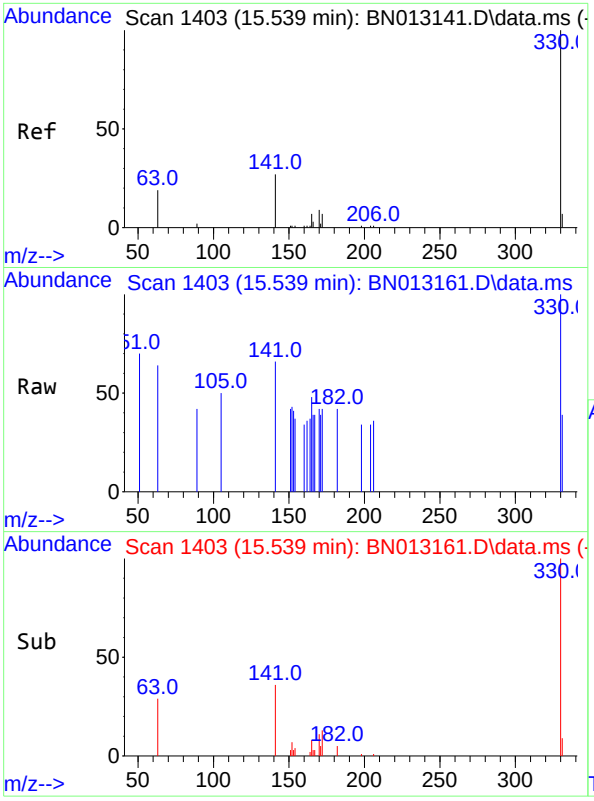
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.016 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BN013161.D
Acq: 16 Dec 2020 10:07

Tgt Ion:164 Resp: 1226

Ion	Ratio	Lower	Upper
164	100		
162	104.1	80.6	120.8
160	52.3	39.5	59.3



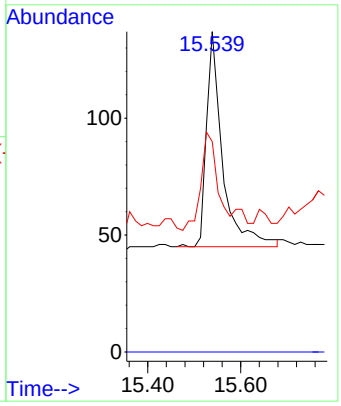
Instrument :
BNA_N
ClientSampleId :
RE134D4-20201208

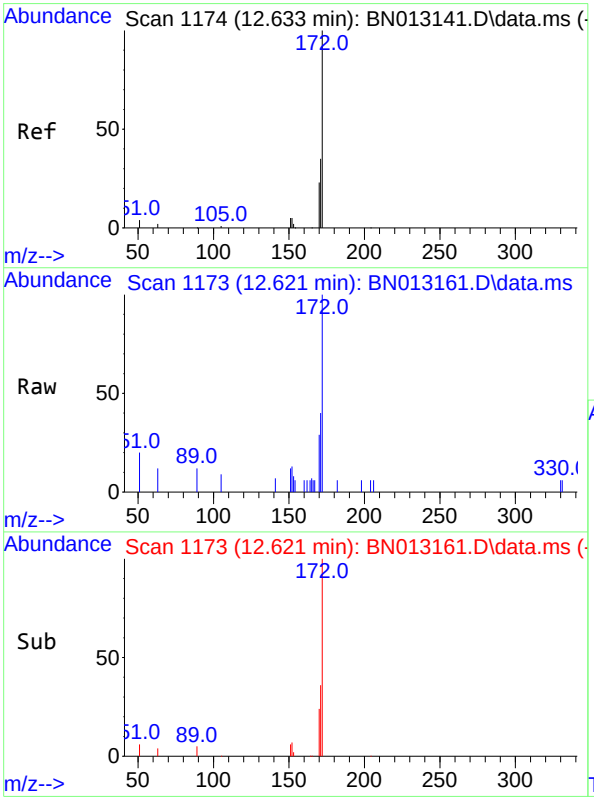


#14
2,4,6-Tribromophenol
Concen: 0.29 ng
RT: 15.539 min Scan# 1403
Delta R.T. -0.000 min
Lab File: BN013161.D
Acq: 16 Dec 2020 10:07

Tgt Ion:330 Resp: 222

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	54.5	34.4	51.6#

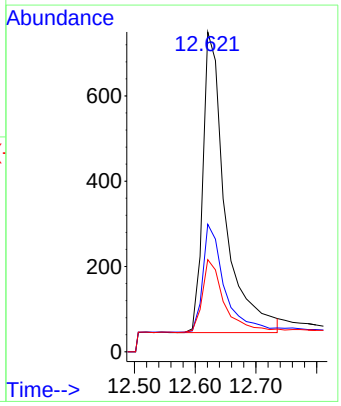




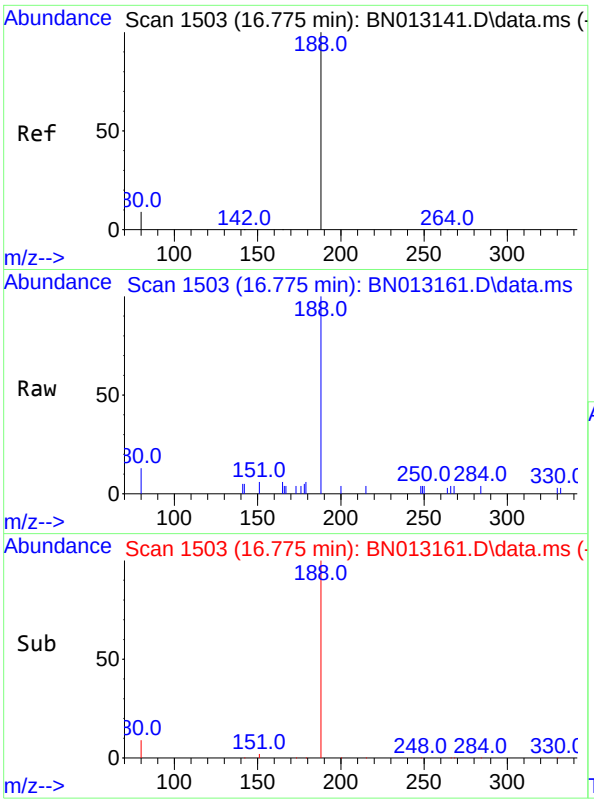
#15
2-Fluorobiphenyl
Concen: 0.35 ng
RT: 12.621 min Scan# 1173
Delta R.T. -0.013 min
Lab File: BN013161.D
Acq: 16 Dec 2020 10:07

Tgt Ion:172 Resp: 1812

Ion	Ratio	Lower	Upper
172	100		
171	39.9	28.2	42.4
170	28.8	20.0	30.0



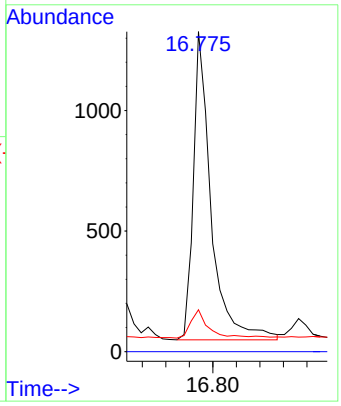
Instrument :
BNA_N
ClientSampleId :
RE134D4-20201208

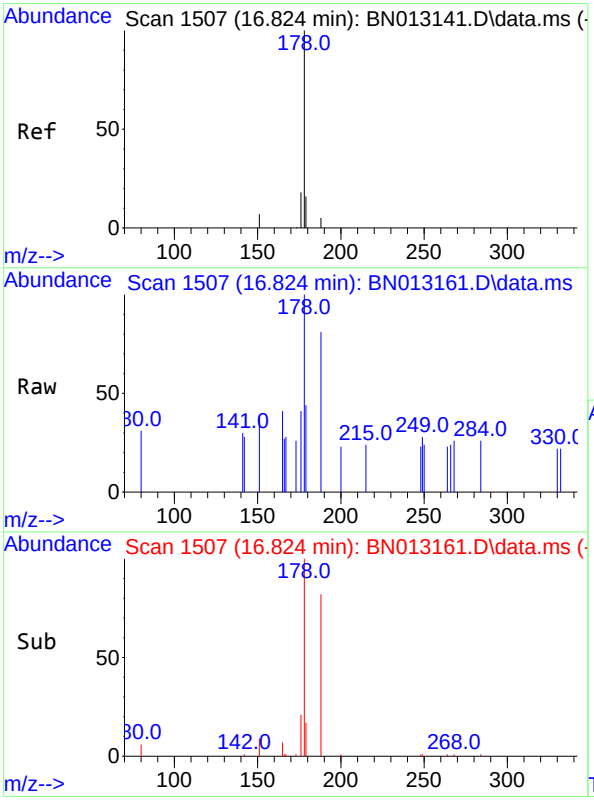


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.775 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BN013161.D
Acq: 16 Dec 2020 10:07

Tgt Ion:188 Resp: 2678

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.1	5.0	7.4#

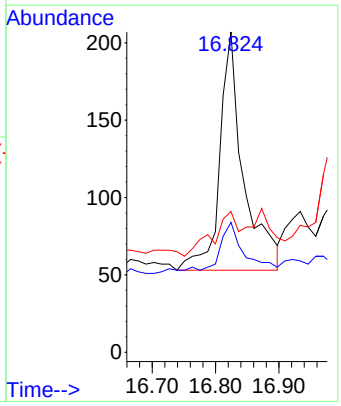




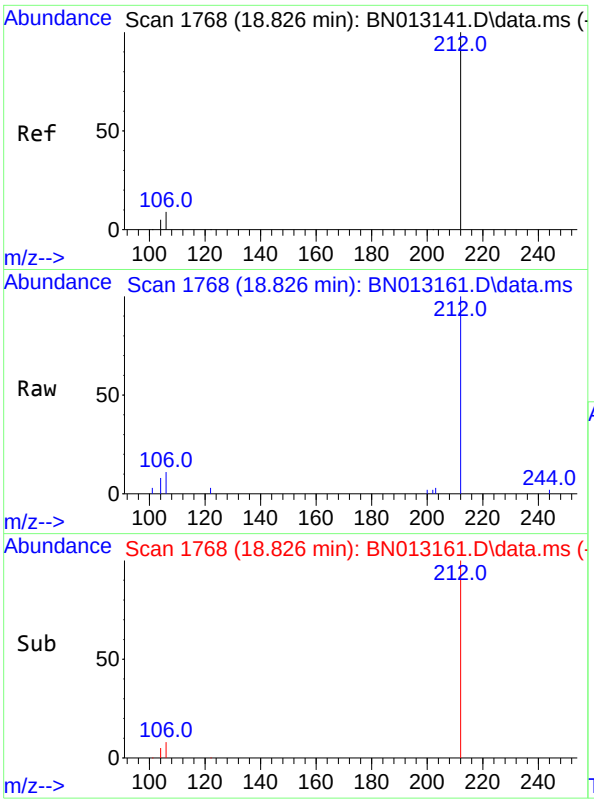
#25
Phenanthrene
Concen: 0.05 ng
RT: 16.824 min Scan# 1507
Delta R.T. -0.000 min
Lab File: BN013161.D
Acq: 16 Dec 2020 10:07

Tgt Ion:178 Resp: 401

Ion	Ratio	Lower	Upper
178	100		
176	24.7	14.8	22.2#
179	19.5	12.4	18.6#



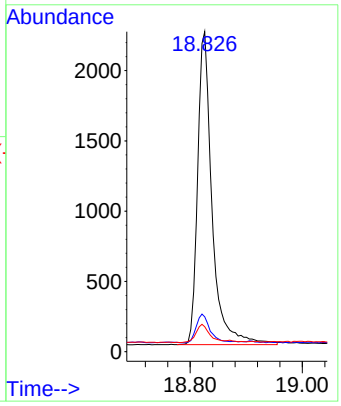
Instrument :
BNA_N
ClientSampleId :
RE134D4-20201208

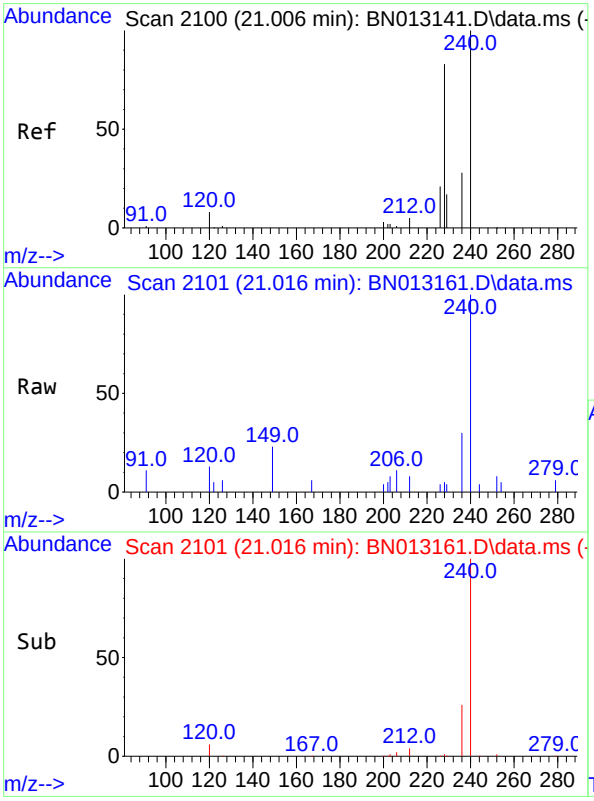


#27
Fluoranthene-d10
Concen: 0.45 ng
RT: 18.826 min Scan# 1768
Delta R.T. -0.000 min
Lab File: BN013161.D
Acq: 16 Dec 2020 10:07

Tgt Ion:212 Resp: 3985

Ion	Ratio	Lower	Upper
212	100		
106	9.1	6.8	10.2
104	5.5	4.1	6.1

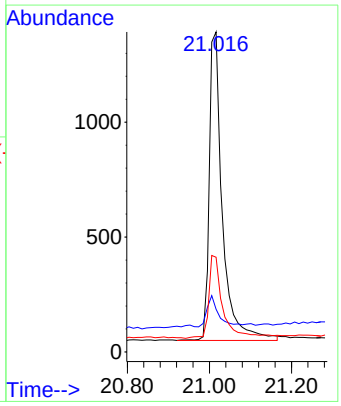




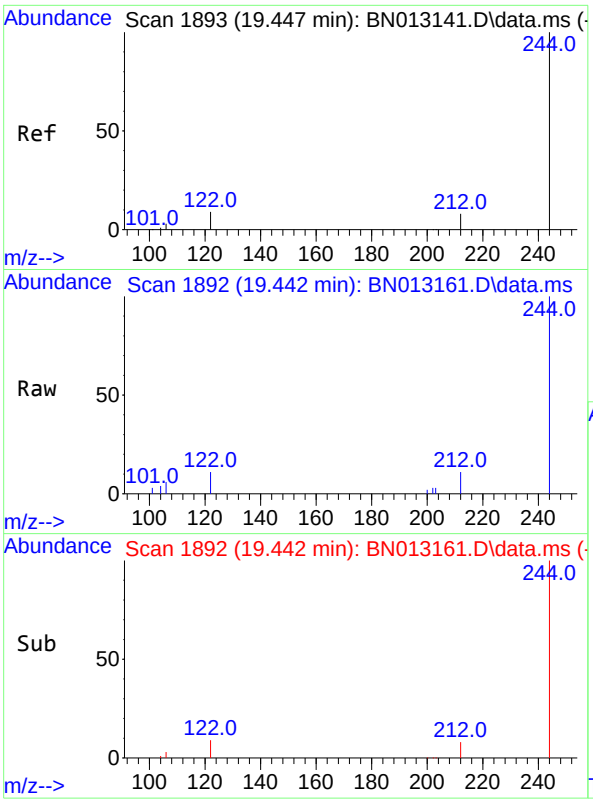
#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.016 min Scan# 2101
Delta R.T. 0.010 min
Lab File: BN013161.D
Acq: 16 Dec 2020 10:07

Tgt Ion:240 Resp: 2983

Ion	Ratio	Lower	Upper
240	100		
120	13.4	5.3	7.9#
236	29.6	21.8	32.8



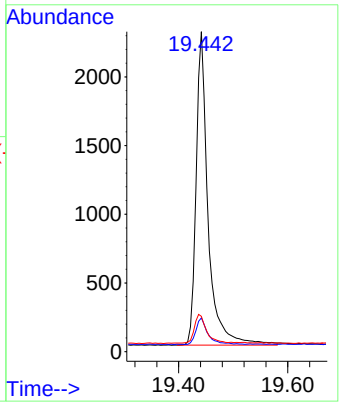
Instrument :
BNA_N
ClientSampleId :
RE134D4-20201208

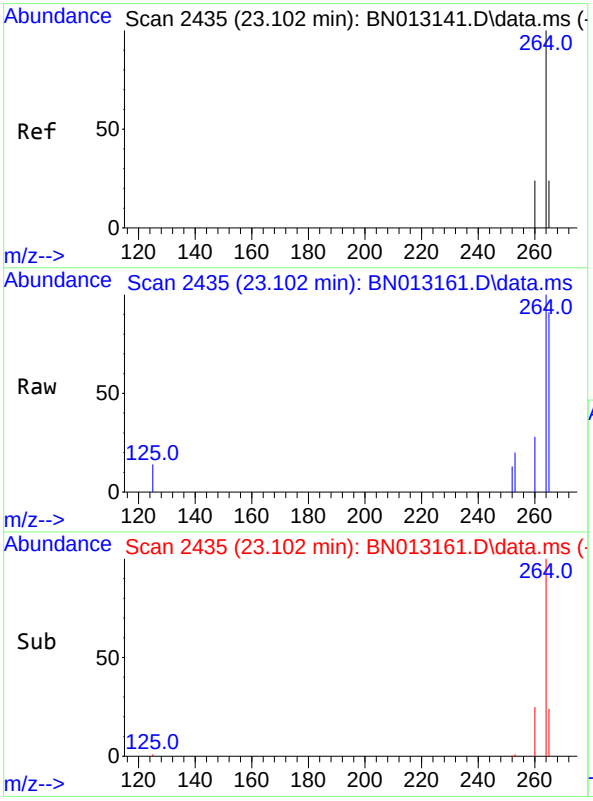


#31
Terphenyl-d14
Concen: 0.46 ng
RT: 19.442 min Scan# 1892
Delta R.T. -0.005 min
Lab File: BN013161.D
Acq: 16 Dec 2020 10:07

Tgt Ion:244 Resp: 3470

Ion	Ratio	Lower	Upper
244	100		
212	10.6	7.3	10.9
122	11.0	7.3	10.9#





#36
Perylene-d12
Concen: 0.40 ng
RT: 23.102 min Scan# 2435
Delta R.T. -0.000 min
Lab File: BN013161.D
Acq: 16 Dec 2020 10:07

Tgt Ion:264 Resp: 3428

Ion	Ratio	Lower	Upper
264	100		
260	27.5	19.8	29.6
265	90.9	51.4	77.0#