Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121720\
Data File : BN013192.D
Acq On : 17 Dec 2020 18:49
Operator : CG/JU
Sample : L5053-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DUP03-20201209

Quant Time: Dec 18 03:05:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 17 12:34:52 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.346	152	532	0.40	ng	0.00
7) Naphthalene-d8	10.137	136	1649	0.40	ng	# 0.03
13) Acenaphthene-d10	14.016	164	1116	0.40	ng	0.01
19) Phenanthrene-d10	16.788	188	2460	0.40	ng	# 0.01
29) Chrysene-d12	21.016	240	2627	0.40	ng	# 0.01
36) Perylene-d12	23.103	264	2976	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.978	112	196	0.09	ng	0.00
5) Phenol-d6	6.565	99	81	0.04	ng	0.02
8) Nitrobenzene-d5	8.591	82	347	0.20	ng	0.08
11) 2-Methylnaphthalene-d10	11.751	152	627	0.22	ng	0.02
14) 2,4,6-Tribromophenol	15.552	330	149	0.21	ng	0.01
15) 2-Fluorobiphenyl	12.646	172	1010	0.22	ng	0.01
27) Fluoranthene-d10	18.831	212	2625	0.32	ng	0.00
31) Terphenyl-d14	19.442	244	2250	0.34	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.925	88	3533	3.81	ng	99
20) 4,6-Dinitro-2-methylph...	15.272	198	1	0.19	ng	# 1
21) 4-Bromophenyl-phenylether	16.058	248	201	0.42	ng	# 78
23) Atrazine	16.021	200	202	0.14	ng	# 1
34) Bis(2-ethylhexyl)phtha...	20.931	149	591	Below Cal		# 99

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

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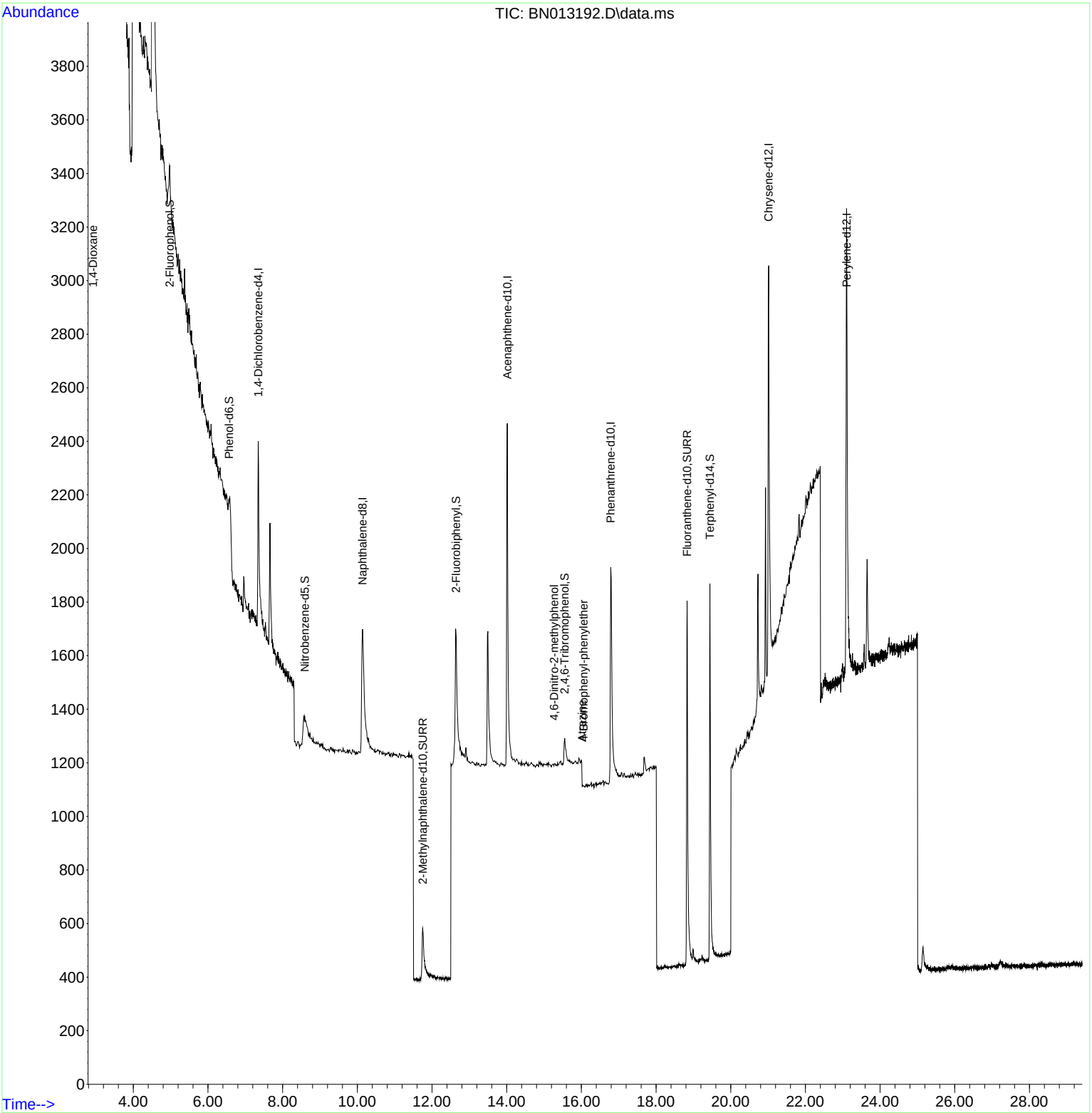
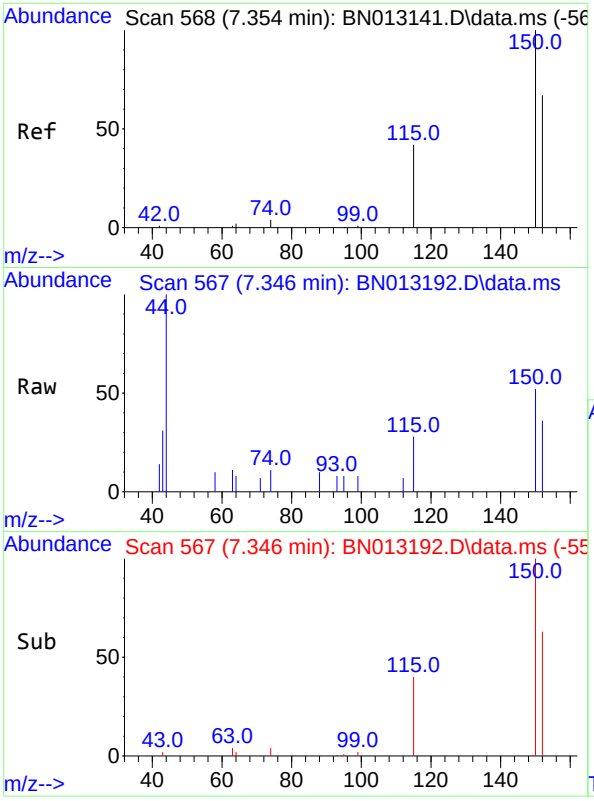
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 17 12:34:52 2020
Response via : Initial Calibration



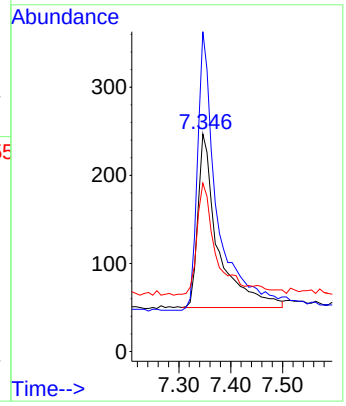
Instrument :
BNA_N
ClientSampleId :
DUP03-20201209

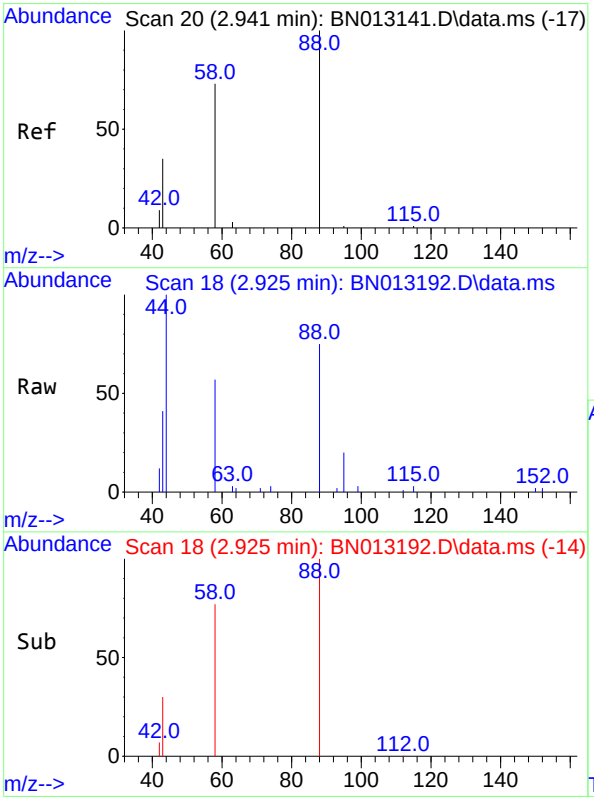


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.346 min Scan# 567
Delta R.T. 0.000 min
Lab File: BN013192.D
Acq: 17 Dec 2020 18:49

Tgt Ion:152 Resp: 532

Ion	Ratio	Lower	Upper
152	100		
150	147.0	116.6	174.8
115	77.3	52.9	79.3

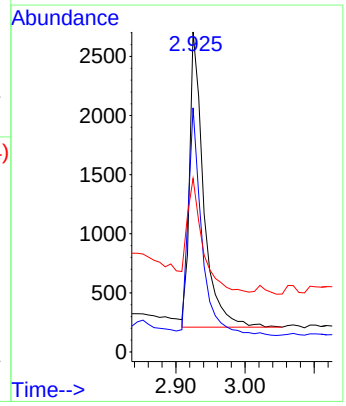




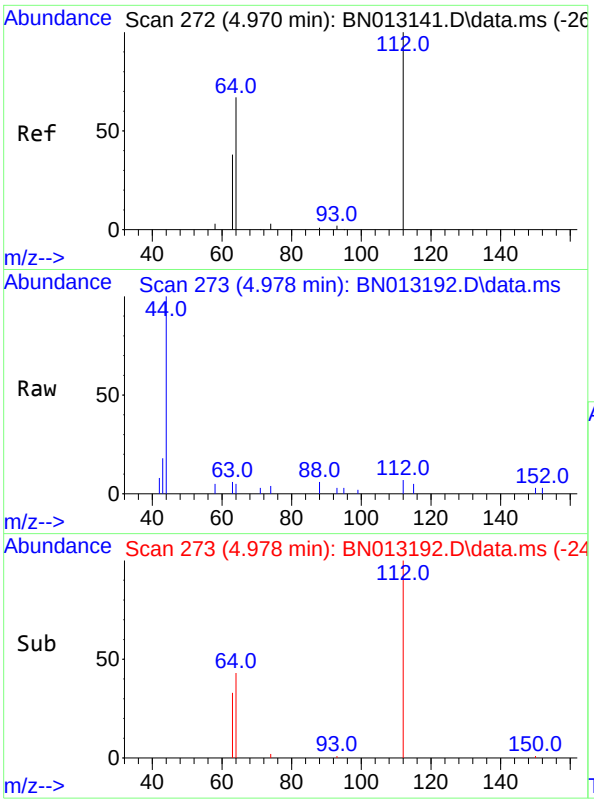
#2
1,4-Dioxane
Concen: 3.81 ng
RT: 2.925 min Scan# 18
Delta R.T. -0.016 min
Lab File: BN013192.D
Acq: 17 Dec 2020 18:49

Tgt Ion: 88 Resp: 3533

Ion	Ratio	Lower	Upper
88	100		
58	74.8	59.4	89.2
43	41.3	32.3	48.5



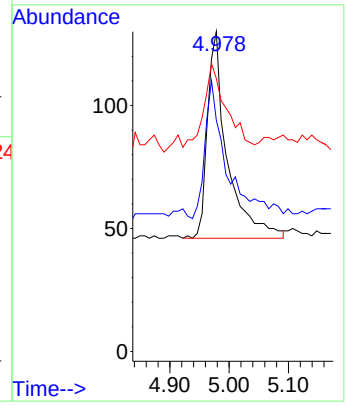
Instrument :
BNA_N
ClientSampleId :
DUP03-20201209

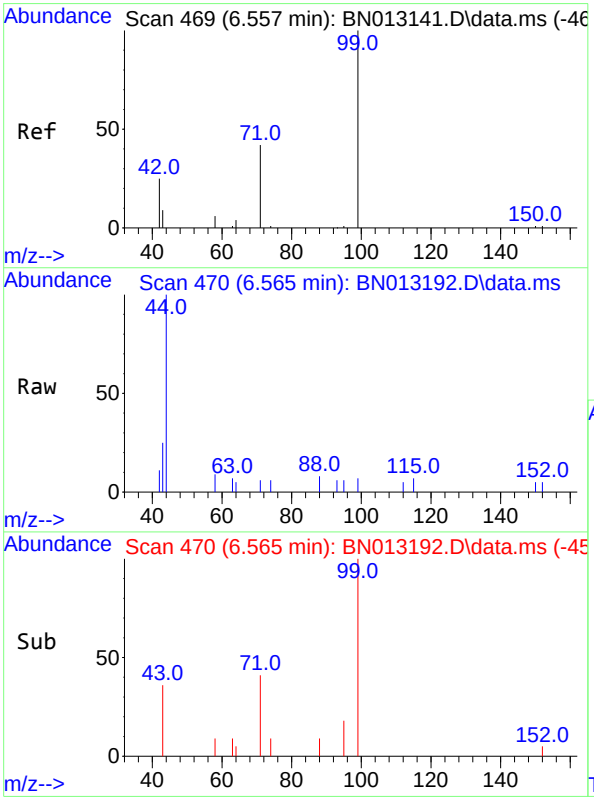


#4
2-Fluorophenol
Concen: 0.09 ng
RT: 4.978 min Scan# 273
Delta R.T. 0.008 min
Lab File: BN013192.D
Acq: 17 Dec 2020 18:49

Tgt Ion:112 Resp: 196

Ion	Ratio	Lower	Upper
112	100		
64	76.5	49.5	74.3#
63	43.9	32.0	48.0

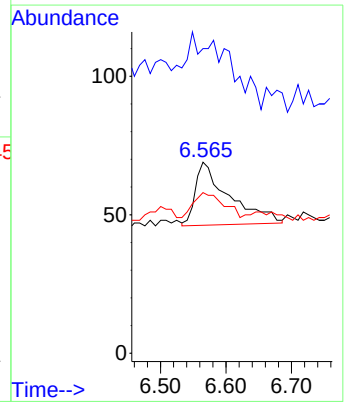




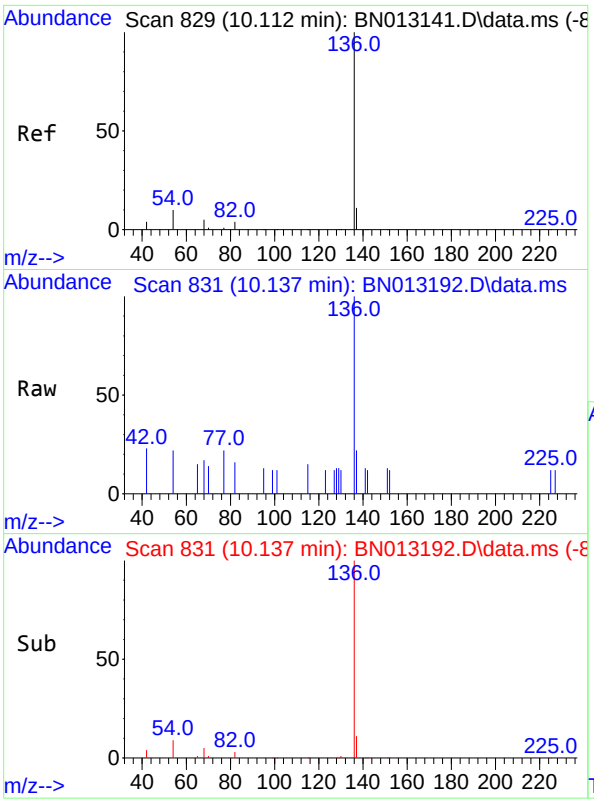
#5
Phenol-d6
Concen: 0.04 ng
RT: 6.565 min Scan# 470
Delta R.T. 0.016 min
Lab File: BN013192.D
Acq: 17 Dec 2020 18:49

Tgt Ion: 99 Resp: 81

Ion	Ratio	Lower	Upper
99	100		
42	17.3	22.4	33.6#
71	42.0	37.8	56.6



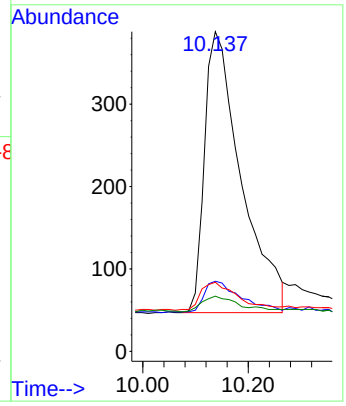
Instrument :
BNA_N
ClientSampleId :
DUP03-20201209

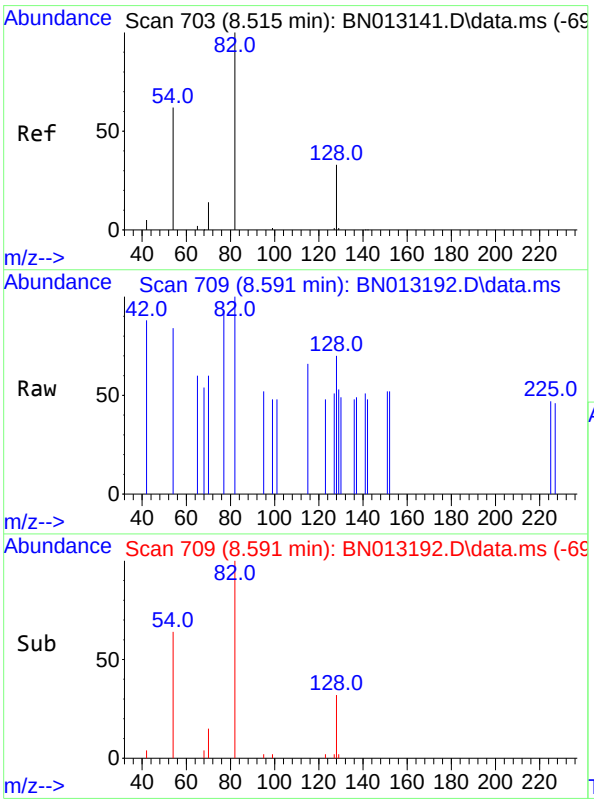


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.137 min Scan# 831
Delta R.T. 0.026 min
Lab File: BN013192.D
Acq: 17 Dec 2020 18:49

Tgt Ion:136 Resp: 1649

Ion	Ratio	Lower	Upper
136	100		
137	21.9	10.6	15.8#
54	21.6	8.6	12.8#
68	17.3	5.7	8.5#

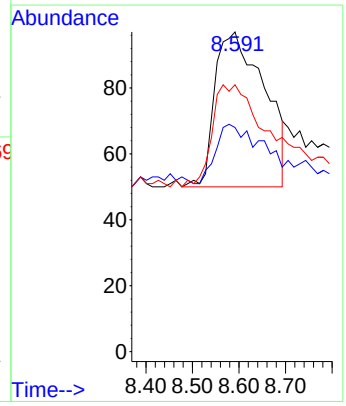




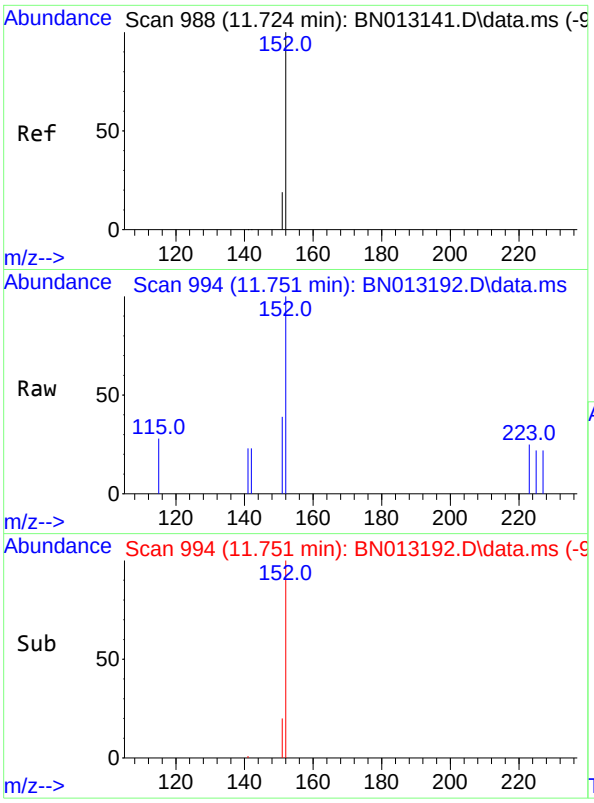
#8
Nitrobenzene-d5
Concen: 0.20 ng
RT: 8.591 min Scan# 709
Delta R.T. 0.076 min
Lab File: BN013192.D
Acq: 17 Dec 2020 18:49

Tgt Ion: 82 Resp: 347

Ion	Ratio	Lower	Upper
82	100		
128	70.1	30.6	46.0#
54	83.5	48.3	72.5#



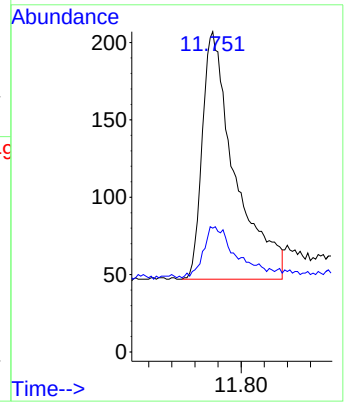
Instrument :
BNA_N
ClientSampleId :
DUP03-20201209

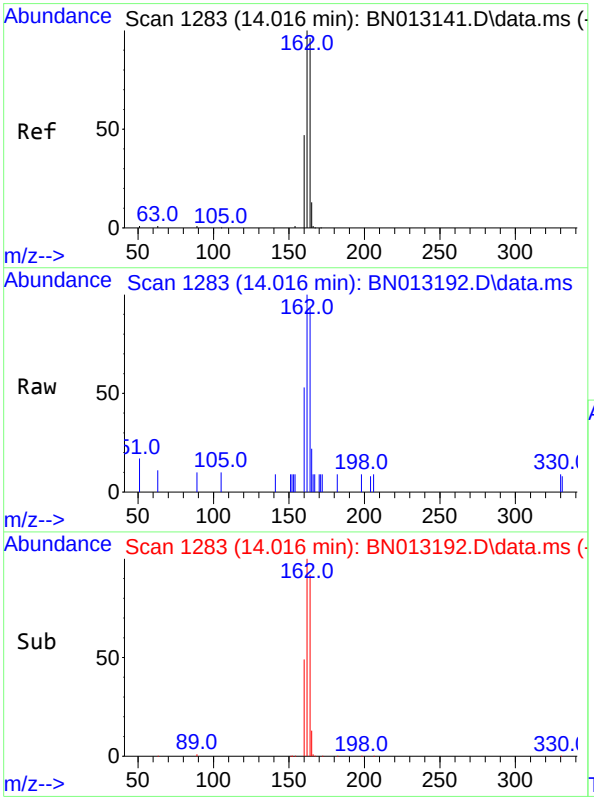


#11
2-Methylnaphthalene-d10
Concen: 0.22 ng
RT: 11.751 min Scan# 994
Delta R.T. 0.022 min
Lab File: BN013192.D
Acq: 17 Dec 2020 18:49

Tgt Ion:152 Resp: 627

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.7	25.1

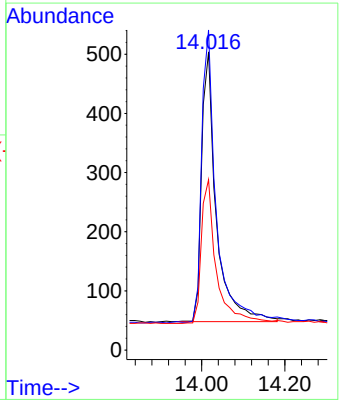




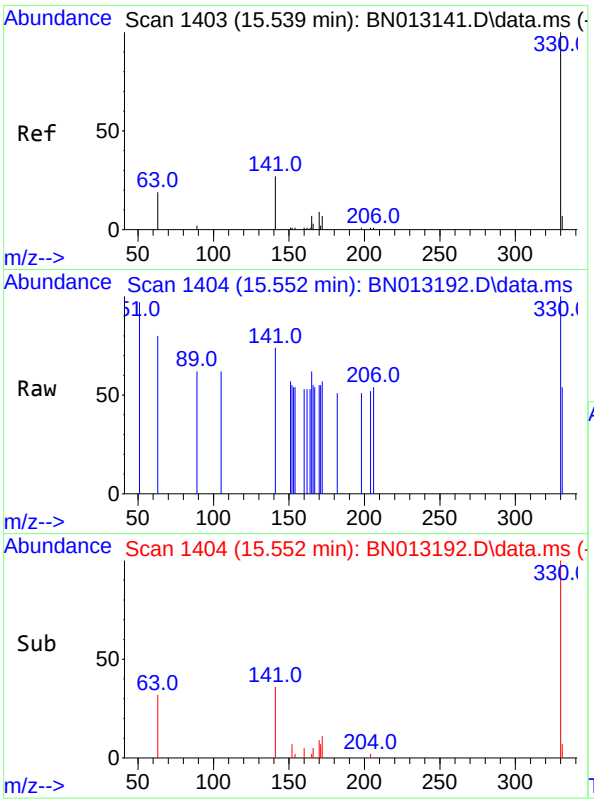
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.016 min Scan# 1283
Delta R.T. 0.013 min
Lab File: BN013192.D
Acq: 17 Dec 2020 18:49

Tgt Ion:164 Resp: 1116

Ion	Ratio	Lower	Upper
164	100		
162	107.3	80.6	120.8
160	57.1	39.5	59.3



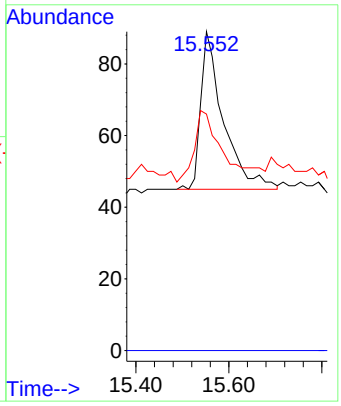
Instrument :
BNA_N
ClientSampleId :
DUP03-20201209

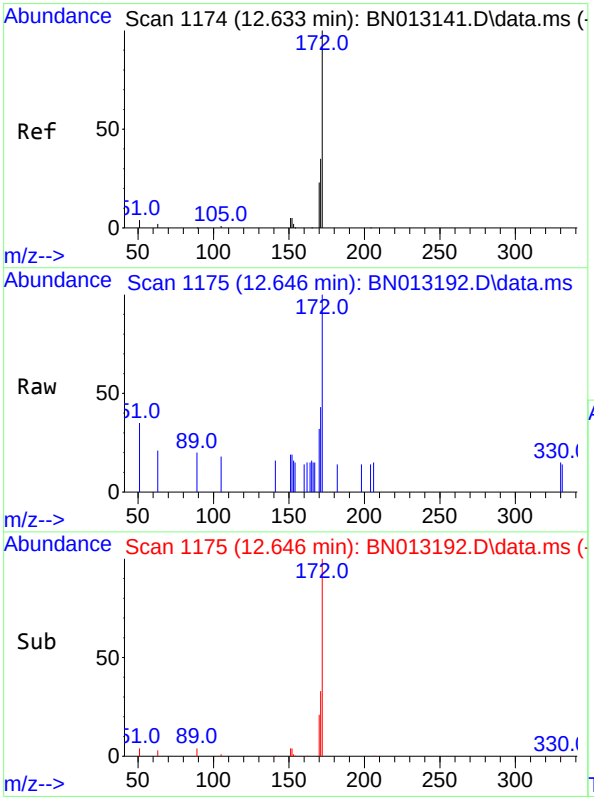


#14
2,4,6-Tribromophenol
Concen: 0.21 ng
RT: 15.552 min Scan# 1404
Delta R.T. 0.013 min
Lab File: BN013192.D
Acq: 17 Dec 2020 18:49

Tgt Ion:330 Resp: 149

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	55.0	34.4	51.6#

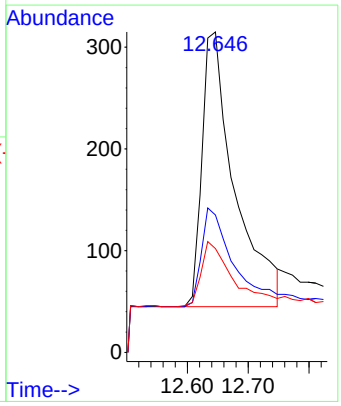




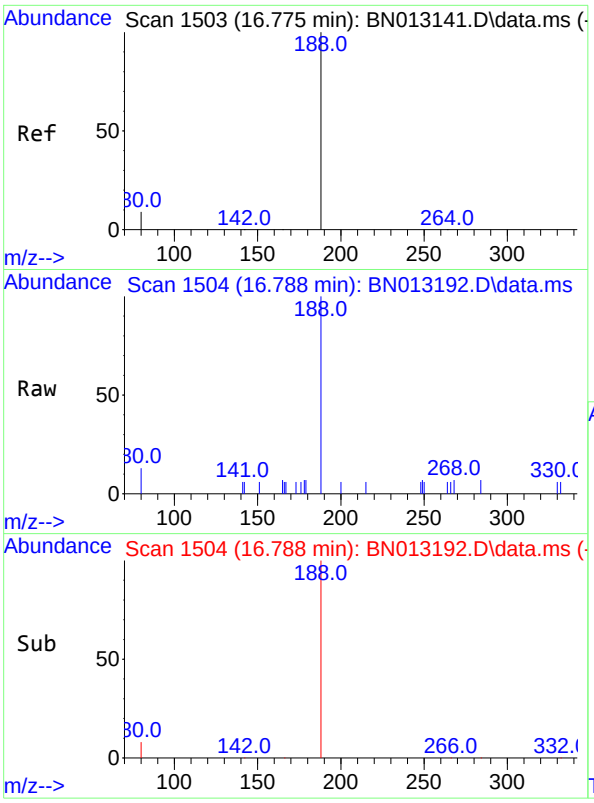
#15
2-Fluorobiphenyl
Concen: 0.22 ng
RT: 12.646 min Scan# 1175
Delta R.T. 0.013 min
Lab File: BN013192.D
Acq: 17 Dec 2020 18:49

Tgt Ion:172 Resp: 1010

Ion	Ratio	Lower	Upper
172	100		
171	42.9	28.2	42.4#
170	32.4	20.0	30.0#



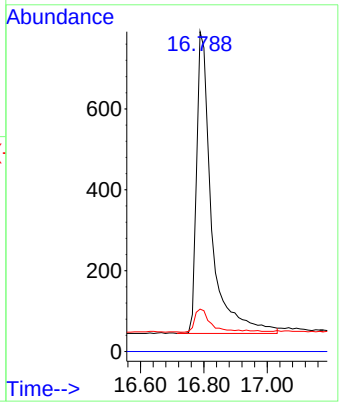
Instrument :
BNA_N
ClientSampleId :
DUP03-20201209

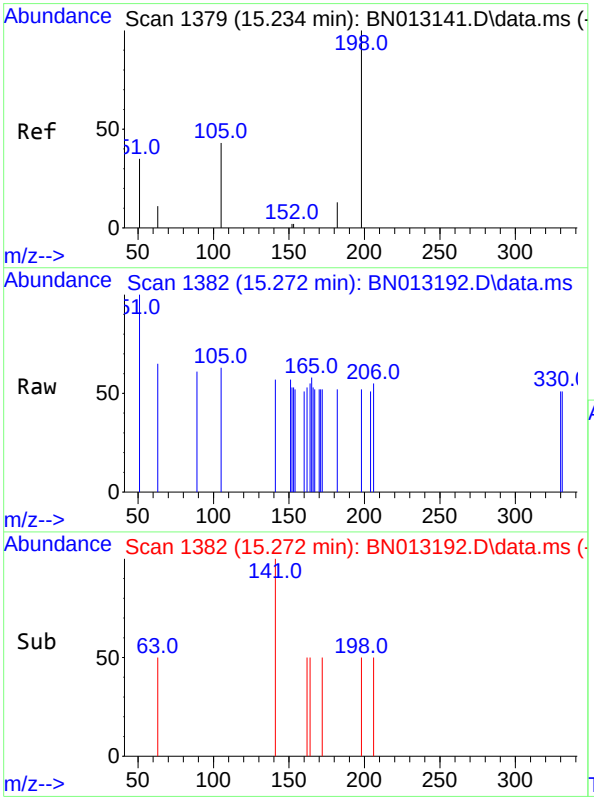


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.788 min Scan# 1504
Delta R.T. 0.012 min
Lab File: BN013192.D
Acq: 17 Dec 2020 18:49

Tgt Ion:188 Resp: 2460

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.3	5.0	7.4#

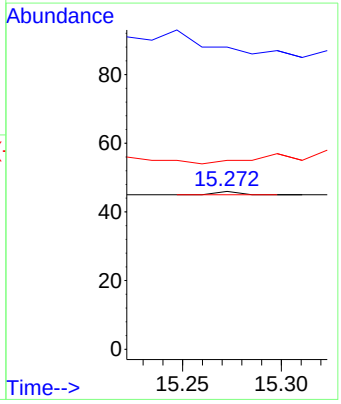




#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.272 min Scan# 1382
Delta R.T. 0.026 min
Lab File: BN013192.D
Acq: 17 Dec 2020 18:49

Tgt Ion:198 Resp: 1

Ion	Ratio	Lower	Upper
198	100		
51	191.3	43.5	65.3#
105	119.6	27.2	40.8#



Instrument :
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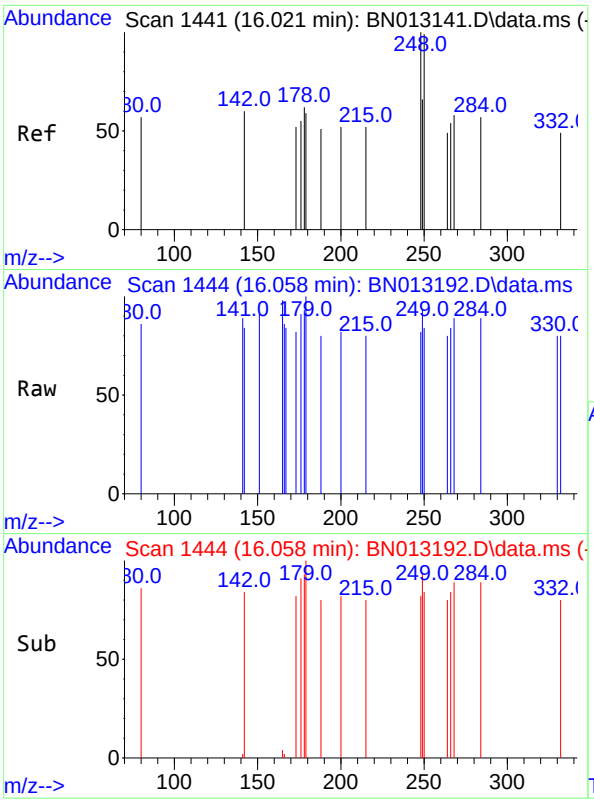
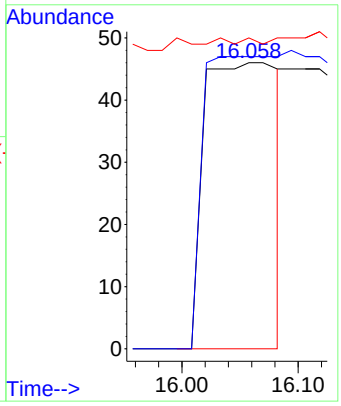
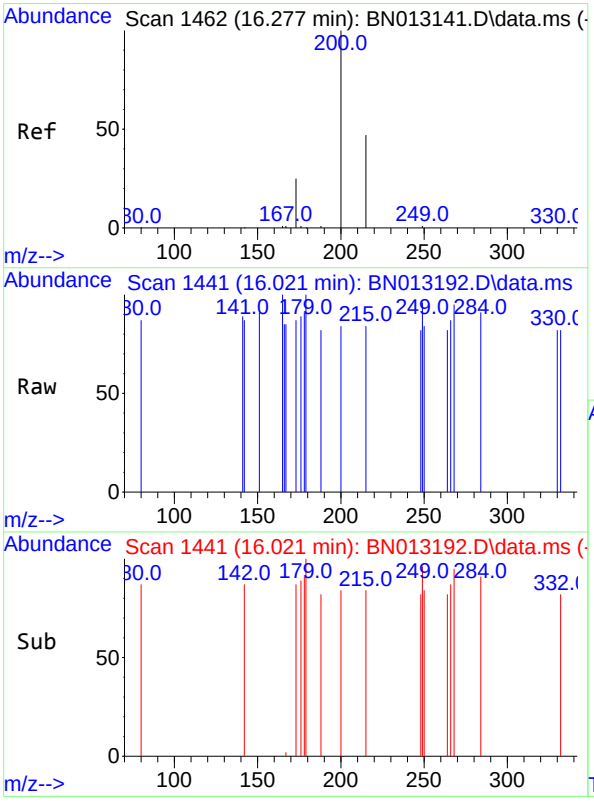


#21
4-Bromophenyl-phenylether
Concen: 0.42 ng
RT: 16.058 min Scan# 1444
Delta R.T. 0.037 min
Lab File: BN013192.D
Acq: 17 Dec 2020 18:49

Tgt Ion:248 Resp: 201

Ion	Ratio	Lower	Upper
248	100		
250	102.2	77.3	115.9
141	108.7	57.8	86.8#

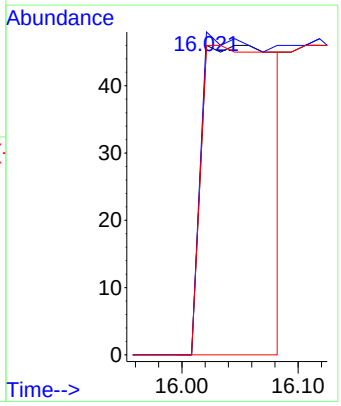




#23
Atrazine
Concen: 0.14 ng
RT: 16.021 min Scan# 1441
Delta R.T. -0.255 min
Lab File: BN013192.D
Acq: 17 Dec 2020 18:49

Tgt Ion:200 Resp: 202

Ion	Ratio	Lower	Upper
200	100		
173	104.3	22.8	34.2#
215	100.0	38.1	57.1#



Instrument :
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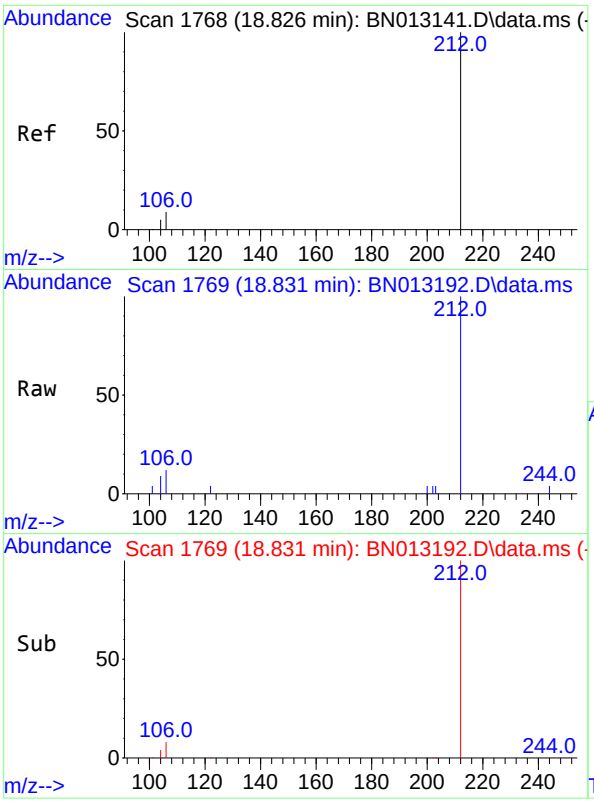
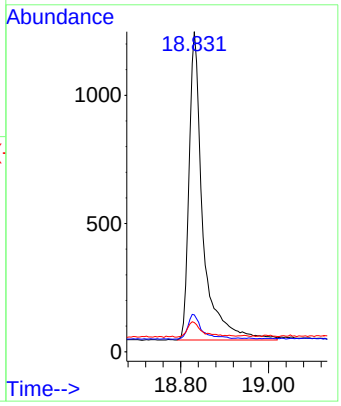
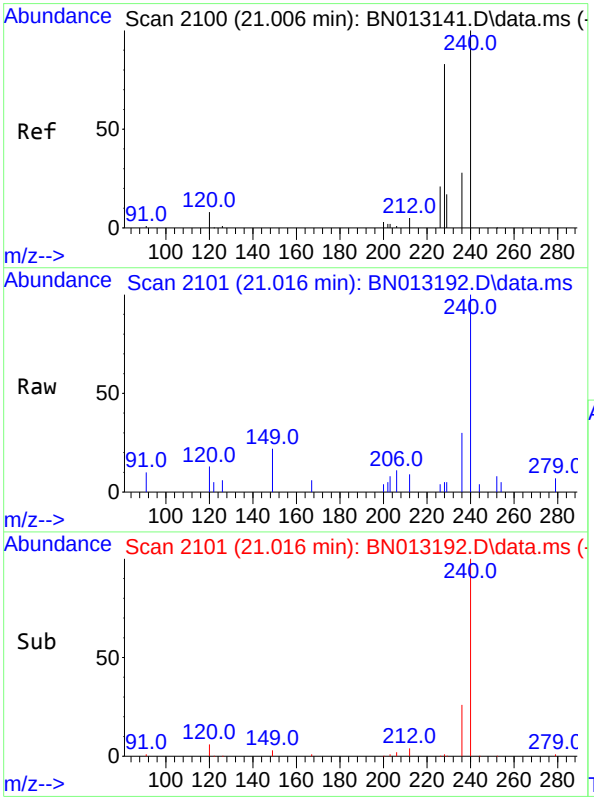


#27
Fluoranthene-d10
Concen: 0.32 ng
RT: 18.831 min Scan# 1769
Delta R.T. 0.005 min
Lab File: BN013192.D
Acq: 17 Dec 2020 18:49

Tgt Ion:212 Resp: 2625

Ion	Ratio	Lower	Upper
212	100		
106	8.3	6.8	10.2
104	5.3	4.1	6.1

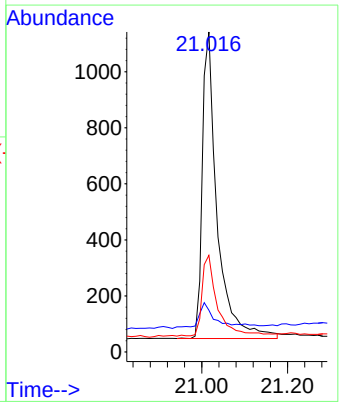




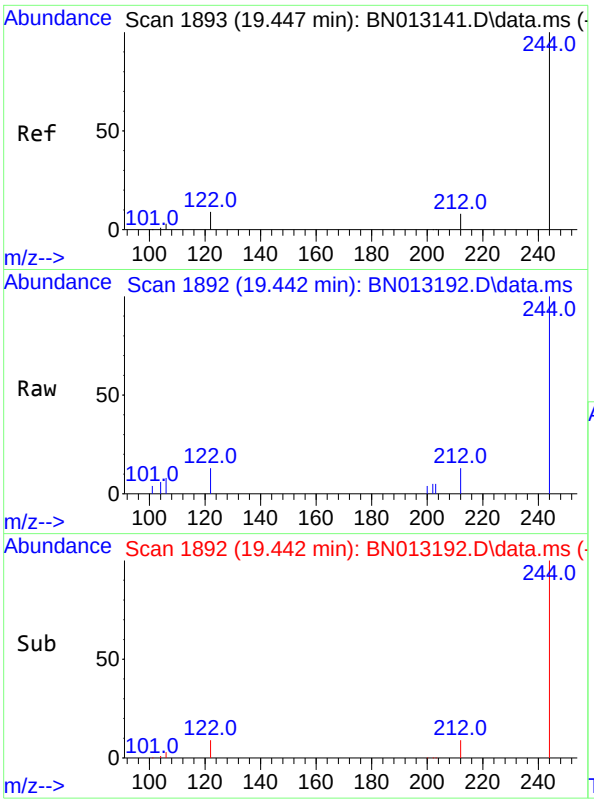
#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.016 min Scan# 2101
Delta R.T. 0.011 min
Lab File: BN013192.D
Acq: 17 Dec 2020 18:49

Tgt Ion:240 Resp: 2627

Ion	Ratio	Lower	Upper
240	100		
120	13.0	5.3	7.9#
236	30.2	21.8	32.8



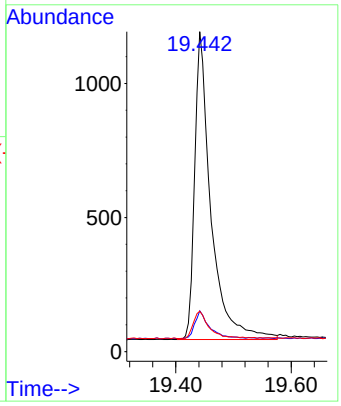
Instrument :
BNA_N
ClientSampleId :
DUP03-20201209

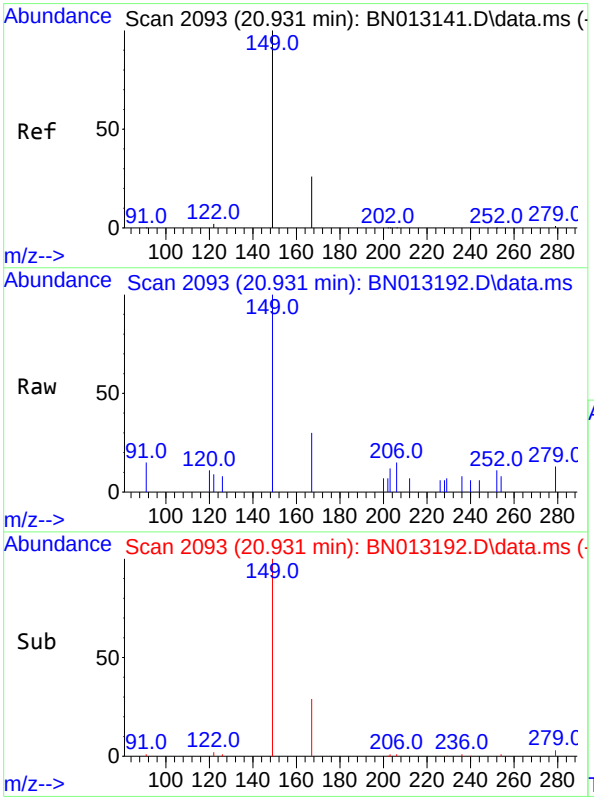


#31
Terphenyl-d14
Concen: 0.34 ng
RT: 19.442 min Scan# 1892
Delta R.T. -0.010 min
Lab File: BN013192.D
Acq: 17 Dec 2020 18:49

Tgt Ion:244 Resp: 2250

Ion	Ratio	Lower	Upper
244	100		
212	12.7	7.3	10.9#
122	12.7	7.3	10.9#

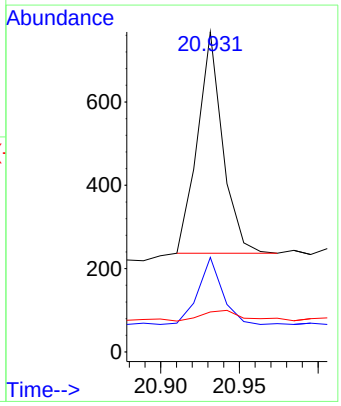


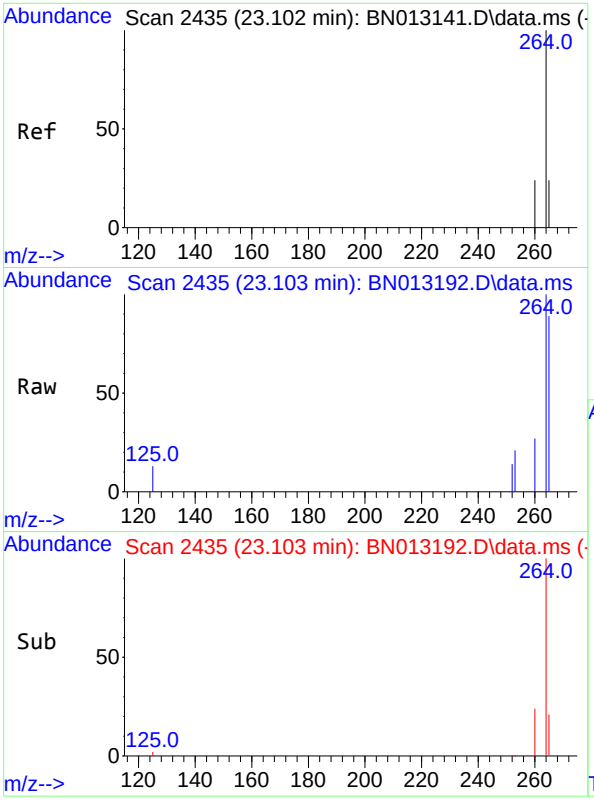


#34
Bis(2-ethylhexyl)phthalate
Concen: Below Cal
RT: 20.931 min Scan# 2093
Delta R.T. 0.000 min
Lab File: BN013192.D
Acq: 17 Dec 2020 18:49

Tgt Ion:149 Resp: 591

Ion	Ratio	Lower	Upper
149	100		
167	28.8	23.2	34.8
279	7.4	3.9	5.9#

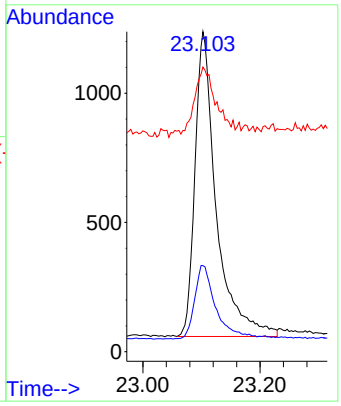




#36
Perylene-d12
Concen: 0.40 ng
RT: 23.103 min Scan# 2435
Delta R.T. 0.004 min
Lab File: BN013192.D
Acq: 17 Dec 2020 18:49

Tgt Ion:264 Resp: 2976

Ion	Ratio	Lower	Upper
264	100		
260	26.9	19.8	29.6
265	88.9	51.4	77.0#



Instrument :
BNA_N
ClientSampleId :
DUP03-20201209