Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
Data File : BN016666.D
Acq On : 02 Oct 2021 11:08
Operator : CG/JU
Sample : M3829-02
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Oct 04 03:33:37 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 01 13:35:26 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.643	152	30997	0.400	ng	0.00
7) Naphthalene-d8	10.407	136	141608	0.400	ng	# 0.00
13) Acenaphthene-d10	14.269	164	76626	0.400	ng	0.00
19) Phenanthrene-d10	17.018	188	148139	0.400	ng	#-0.01
29) Chrysene-d12	21.238	240	143337	0.400	ng	0.00
35) Perylene-d12	23.485	264	146837	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.273	112	7657	0.097	ng	0.02
5) Phenol-d6	6.822	99	4785	0.055	ng	0.00
8) Nitrobenzene-d5	8.785	82	23893	0.259	ng	0.00
11) 2-Methylnaphthalene-d10	12.003	152	63434	0.303	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	11192	0.321	ng	0.00
15) 2-Fluorobiphenyl	12.886	172	92643	0.299	ng	-0.01
27) Fluoranthene-d10	19.063	212	154682	0.393	ng	0.00
31) Terphenyl-d14	19.679	244	138948	0.446	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.253	88	41912	2.938	ng	# 86
6) bis(2-Chloroethyl)ether	7.080	93	4894	0.058	ng	100
20) 4,6-Dinitro-2-methylph...	15.411	198	14	0.137	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.164	149	91533	0.522	ng	100

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

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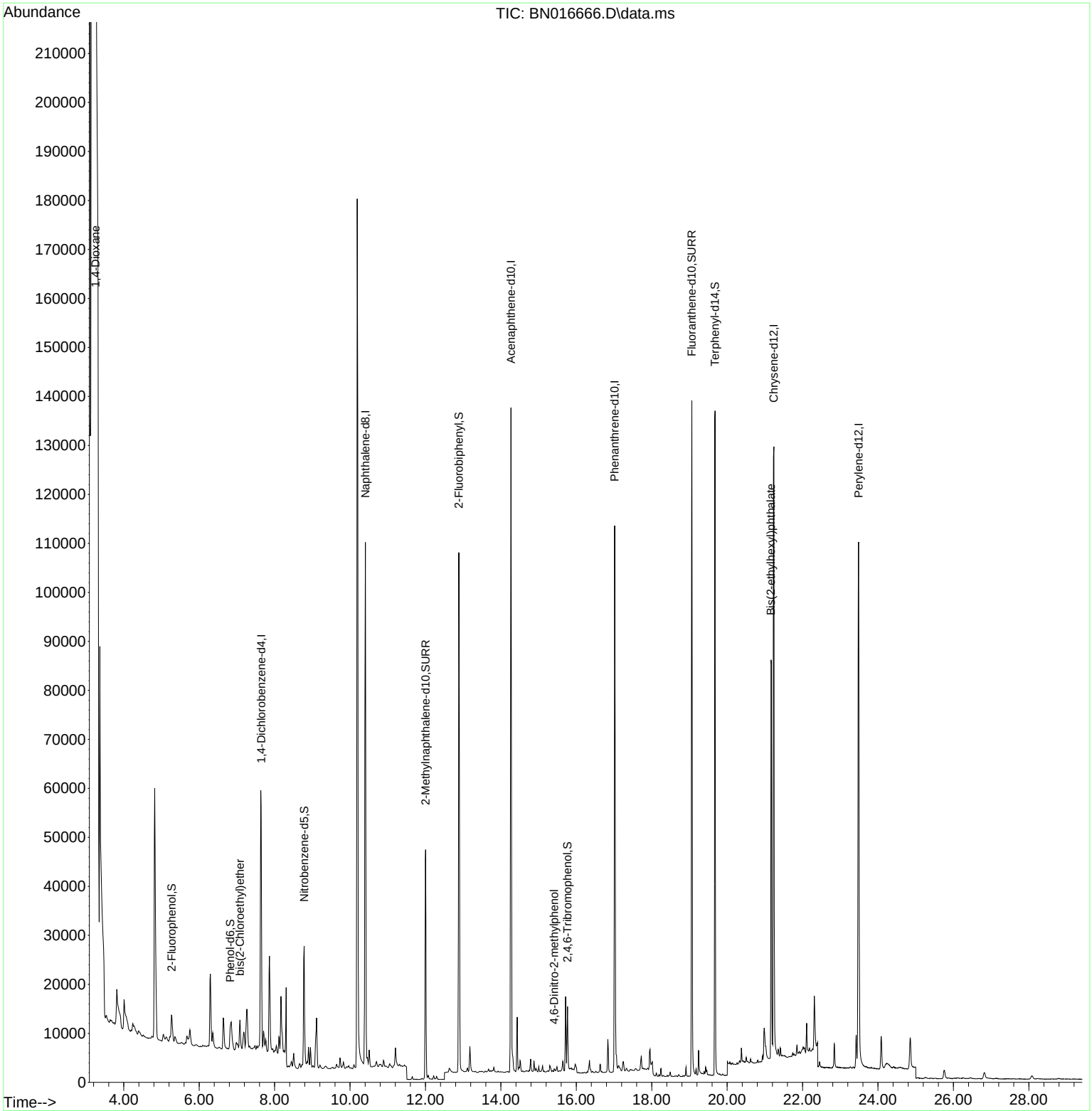
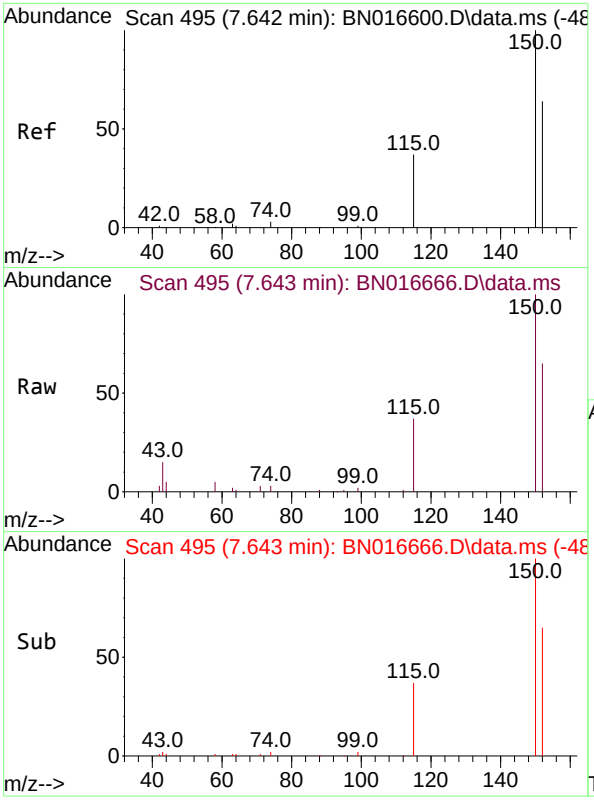
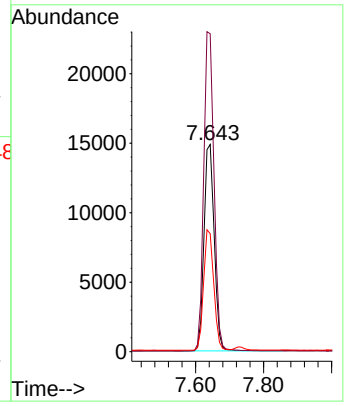




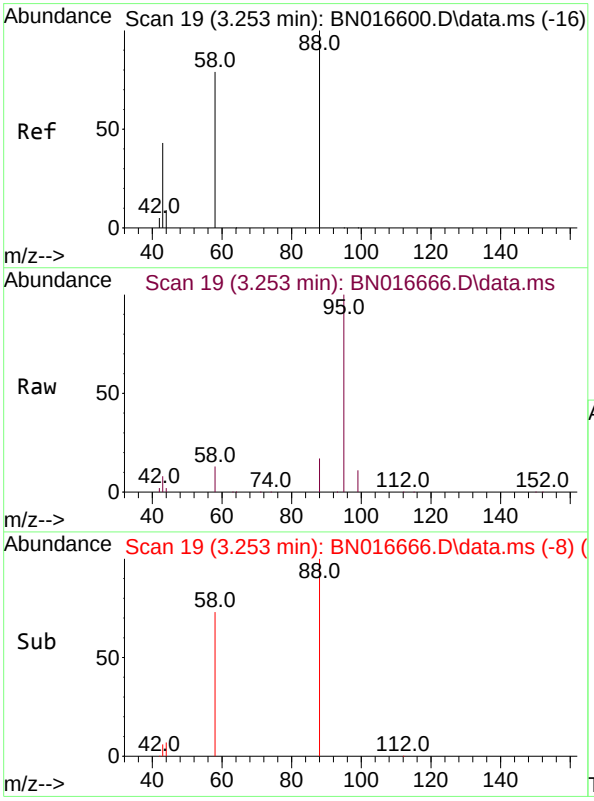
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.643 min Scan# 495
Delta R.T. 0.001 min
Lab File: BN016666.D
Acq: 02 Oct 2021 11:08

Tgt Ion:152 Resp: 30997

Ion	Ratio	Lower	Upper
152	100		
150	153.4	124.6	186.8
115	56.9	46.5	69.7



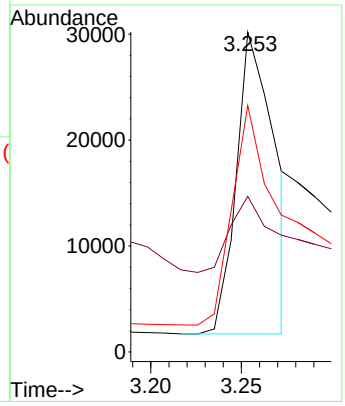
Instrument :
BNA_N
ClientSampleId :

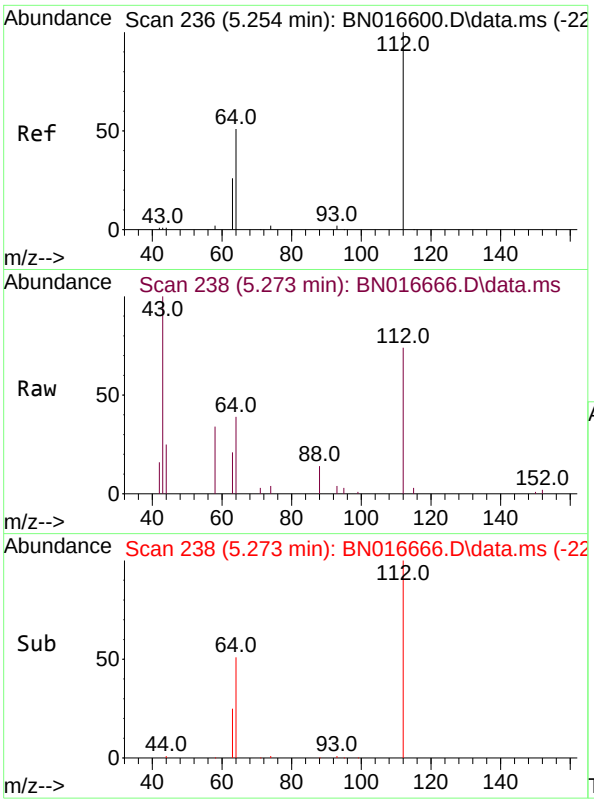


#2
1,4-Dioxane
Concen: 2.938 ng
RT: 3.253 min Scan# 19
Delta R.T. 0.000 min
Lab File: BN016666.D
Acq: 02 Oct 2021 11:08

Tgt Ion: 88 Resp: 41912

Ion	Ratio	Lower	Upper
88	100		
43	26.5	37.8	56.8#
58	74.3	61.3	91.9

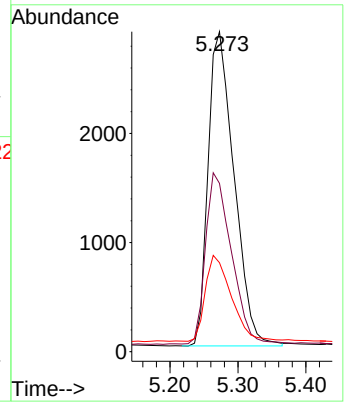




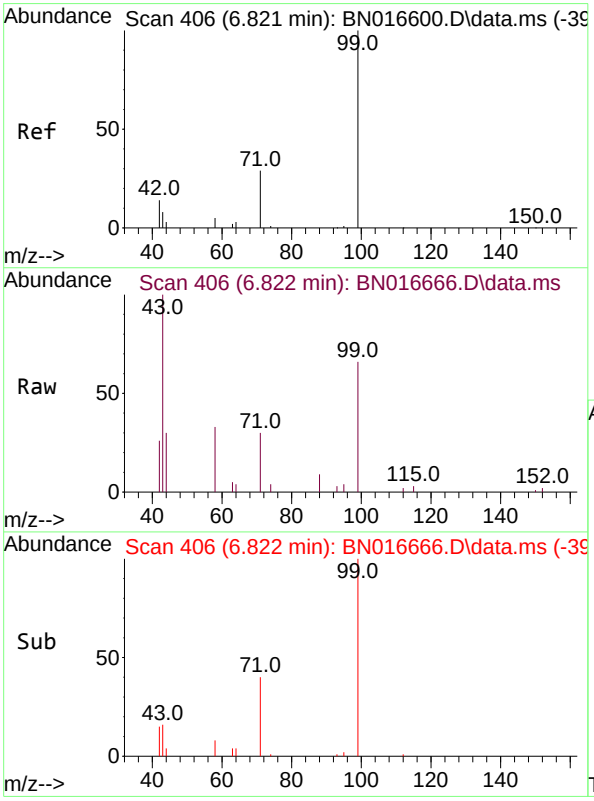
#4
2-Fluorophenol
Concen: 0.097 ng
RT: 5.273 min Scan# 238
Delta R.T. 0.019 min
Lab File: BN016666.D
Acq: 02 Oct 2021 11:08

Tgt Ion:112 Resp: 7657

Ion	Ratio	Lower	Upper
112	100		
64	54.4	43.1	64.7
63	27.2	21.6	32.4



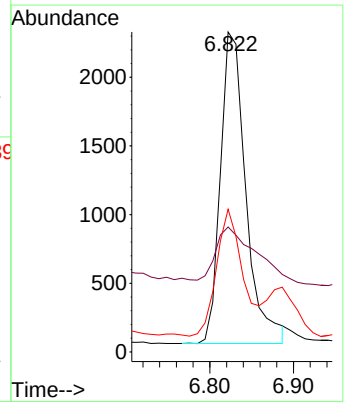
Instrument :
BNA_N
ClientSampleId :



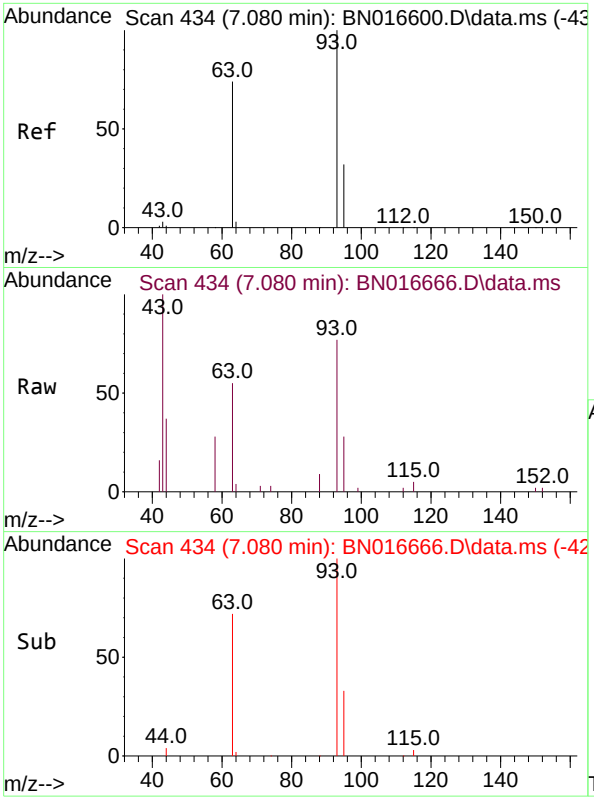
#5
Phenol-d6
Concen: 0.055 ng
RT: 6.822 min Scan# 406
Delta R.T. 0.000 min
Lab File: BN016666.D
Acq: 02 Oct 2021 11:08

Tgt Ion: 99 Resp: 4785

Ion	Ratio	Lower	Upper
99	100		
42	25.2	13.0	19.6#
71	42.3	23.5	35.3#



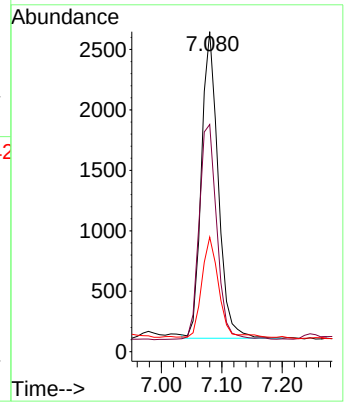
Instrument :
BNA_N
ClientSampleId :

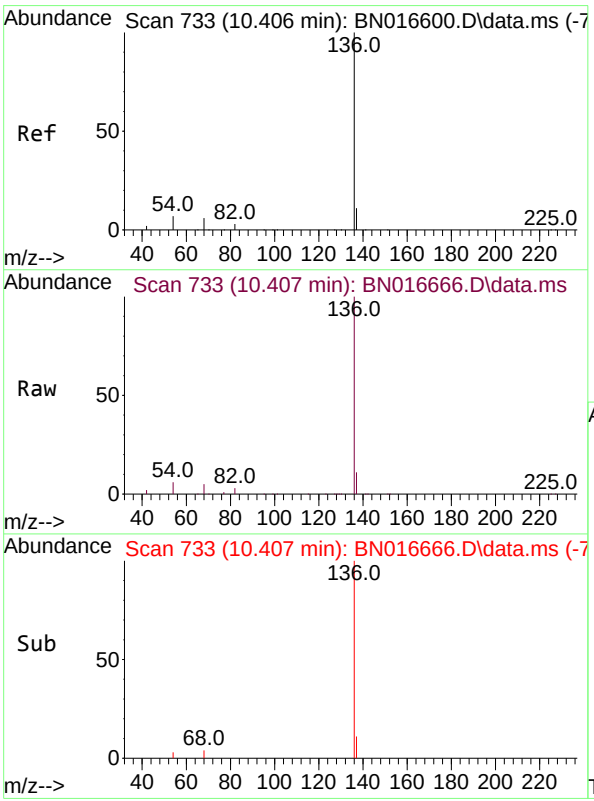


#6
bis(2-Chloroethyl)ether
Concen: 0.058 ng
RT: 7.080 min Scan# 434
Delta R.T. 0.000 min
Lab File: BN016666.D
Acq: 02 Oct 2021 11:08

Tgt Ion: 93 Resp: 4894

Ion	Ratio	Lower	Upper
93	100		
63	73.9	59.1	88.7
95	32.7	26.2	39.4

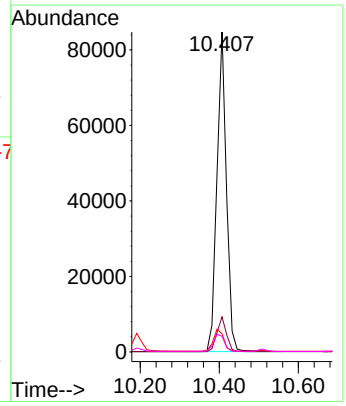


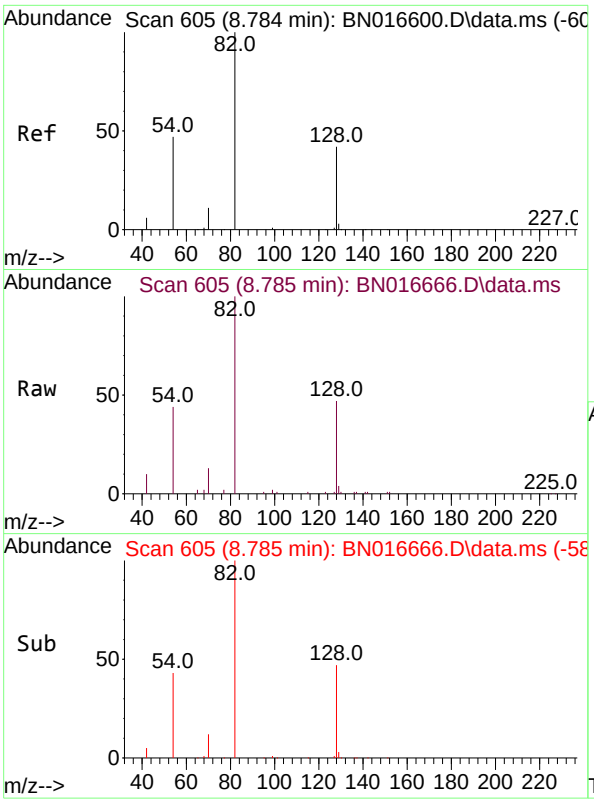


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.407 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016666.D
Acq: 02 Oct 2021 11:08

Tgt Ion:136 Resp: 141608

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	5.6	5.9	8.9#
68	4.9	5.0	7.6#

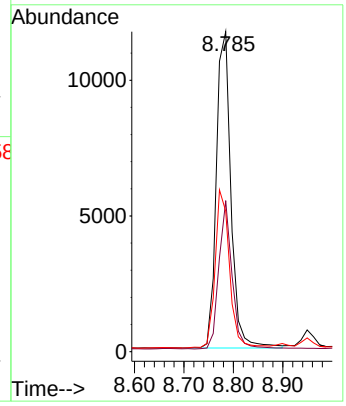




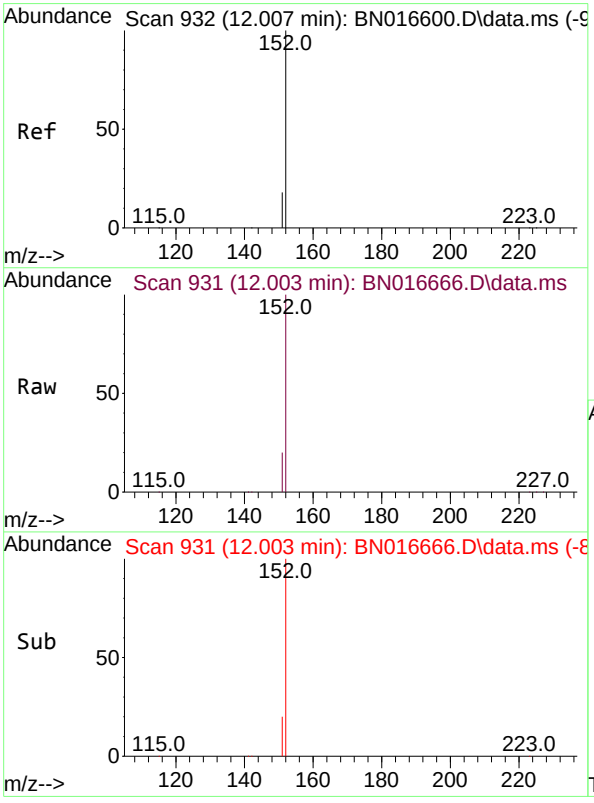
#8
Nitrobenzene-d5
Concen: 0.259 ng
RT: 8.785 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016666.D
Acq: 02 Oct 2021 11:08

Tgt Ion: 82 Resp: 23893

Ion	Ratio	Lower	Upper
82	100		
128	47.2	33.6	50.4
54	43.9	37.6	56.4



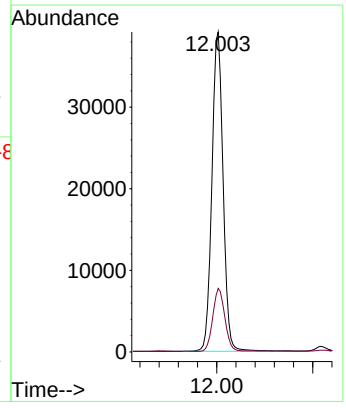
Instrument :
BNA_N
ClientSampleId :



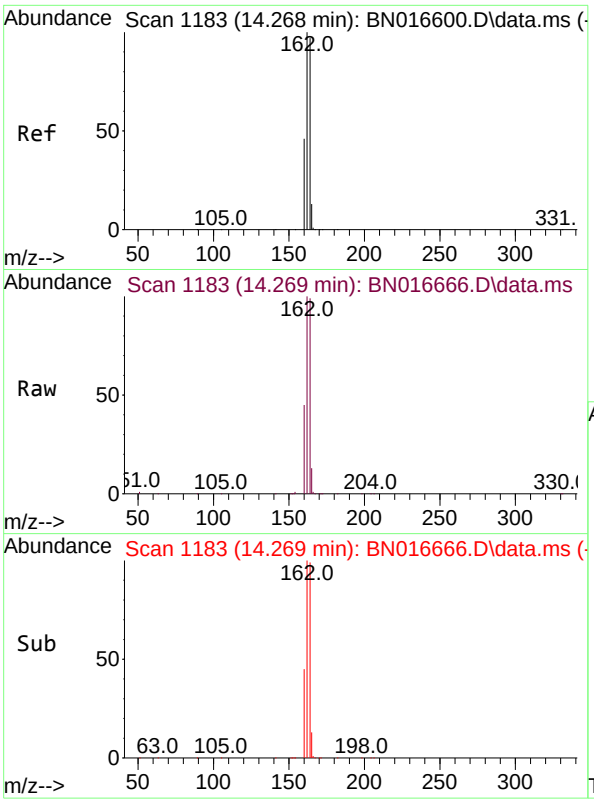
#11
2-Methylnaphthalene-d10
Concen: 0.303 ng
RT: 12.003 min Scan# 931
Delta R.T. -0.004 min
Lab File: BN016666.D
Acq: 02 Oct 2021 11:08

Tgt Ion:152 Resp: 63434

Ion	Ratio	Lower	Upper
152	100		
151	21.3	16.2	24.4



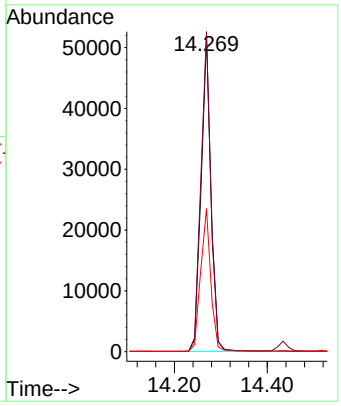
Instrument :
BNA_N
ClientSampleId :

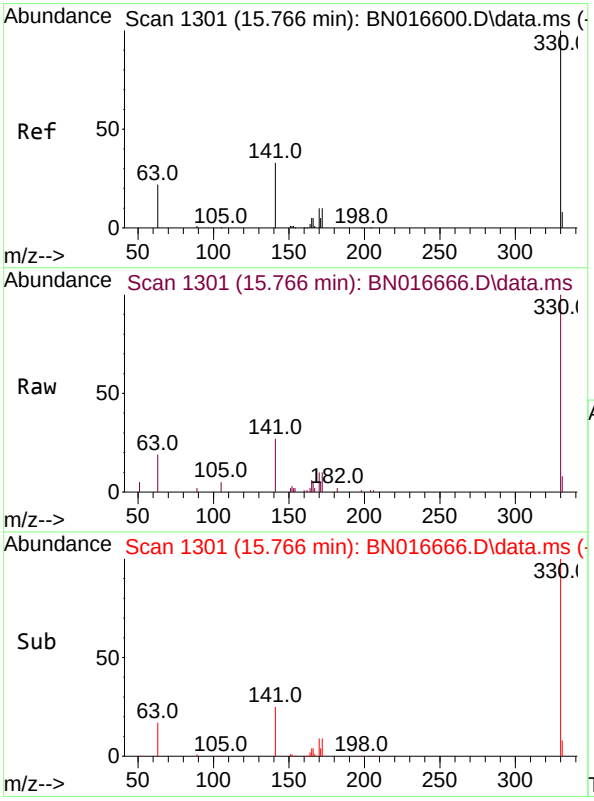


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016666.D
Acq: 02 Oct 2021 11:08

Tgt Ion:164 Resp: 76626

Ion	Ratio	Lower	Upper
164	100		
162	101.3	82.2	123.2
160	45.3	37.7	56.5

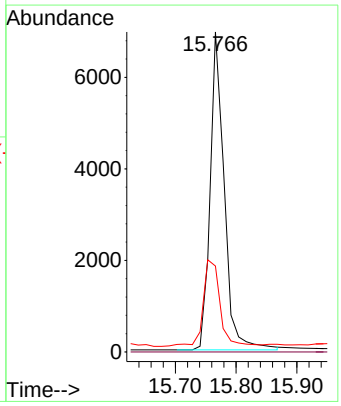




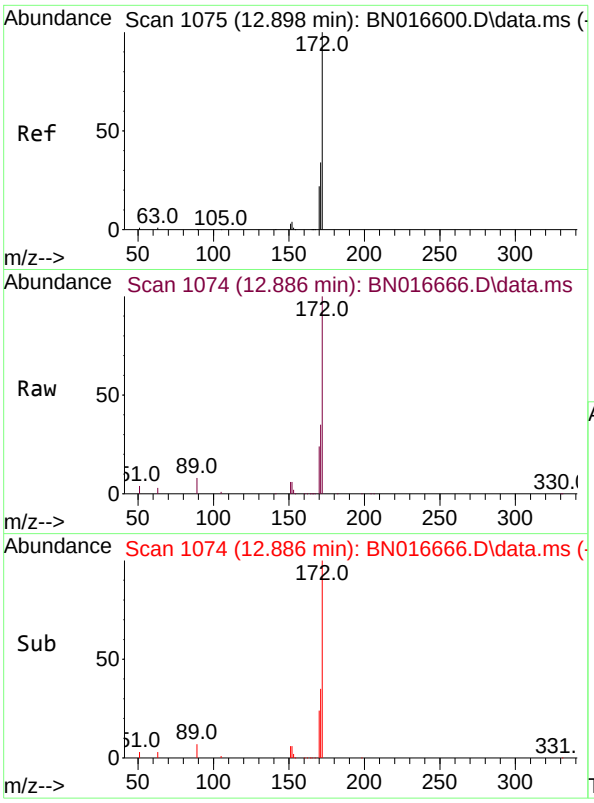
#14
2,4,6-Tribromophenol
Concen: 0.321 ng
RT: 15.766 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BN016666.D
Acq: 02 Oct 2021 11:08

Tgt Ion:330 Resp: 11192

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	31.8	25.2	37.8



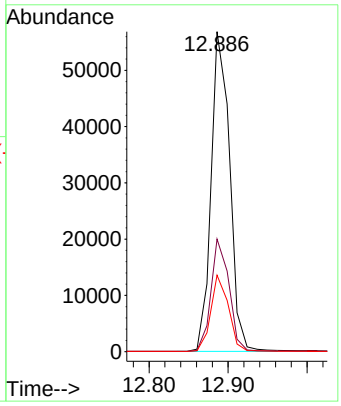
Instrument :
BNA_N
ClientSampleId :

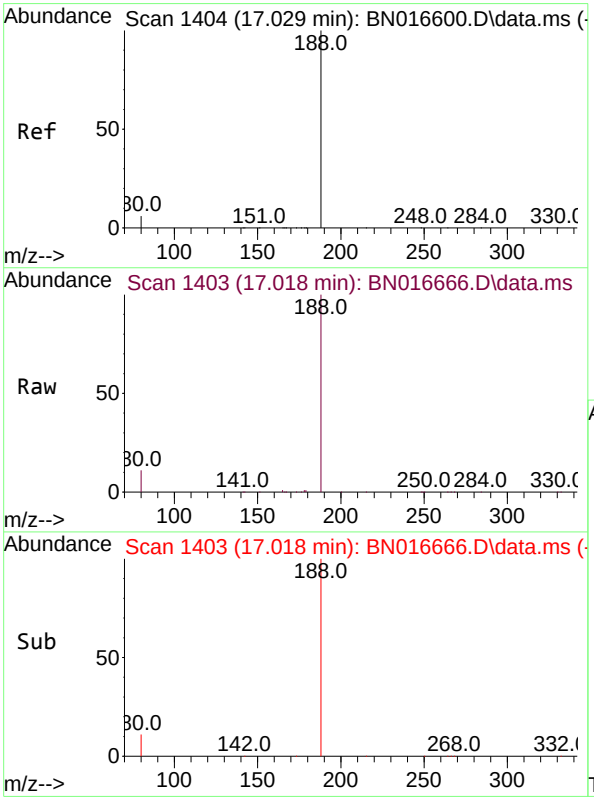


#15
2-Fluorobiphenyl
Concen: 0.299 ng
RT: 12.886 min Scan# 1074
Delta R.T. -0.012 min
Lab File: BN016666.D
Acq: 02 Oct 2021 11:08

Tgt Ion:172 Resp: 92643

Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.0	40.4
170	23.9	17.4	26.2

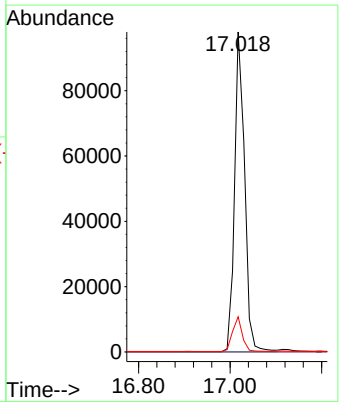


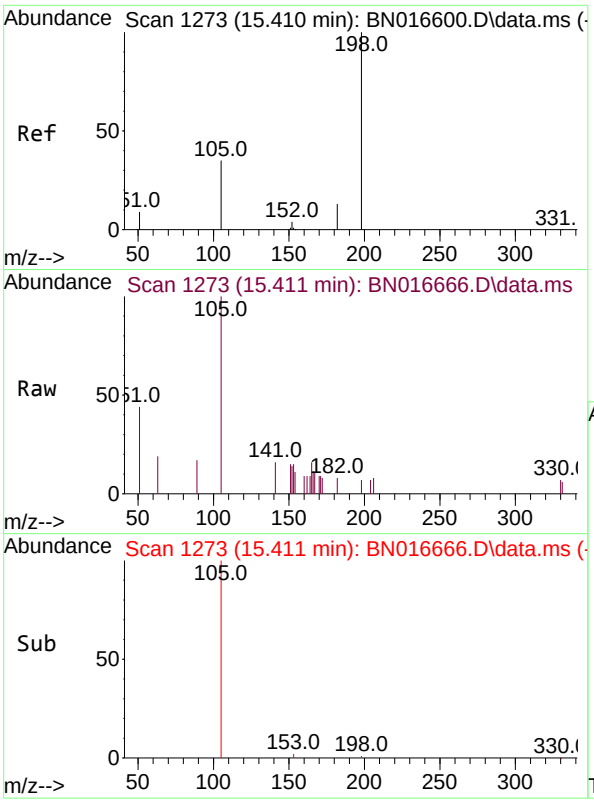


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.018 min Scan# 1403
Delta R.T. -0.012 min
Lab File: BN016666.D
Acq: 02 Oct 2021 11:08

Tgt Ion:188 Resp: 148139

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.0	5.0	7.6#

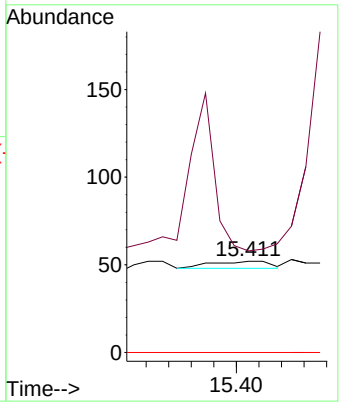




#20
4,6-Dinitro-2-methylphenol
Concen: 0.137 ng
RT: 15.411 min Scan# 1273
Delta R.T. 0.001 min
Lab File: BN016666.D
Acq: 02 Oct 2021 11:08

Tgt Ion:198 Resp: 14

Ion	Ratio	Lower	Upper
198	100		
182	111.5	11.8	17.8#
77	0.0	0.0	0.0



Instrument :
BNA_N
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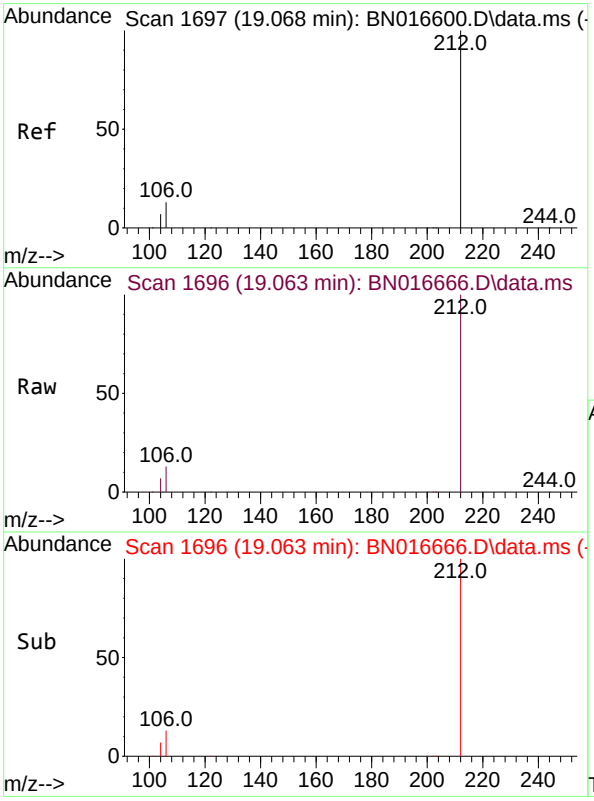
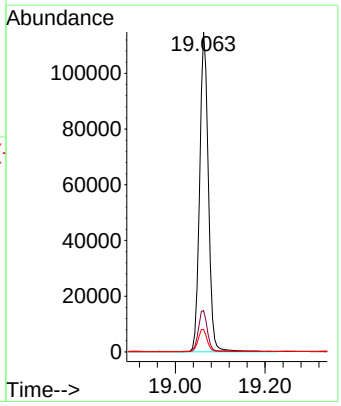
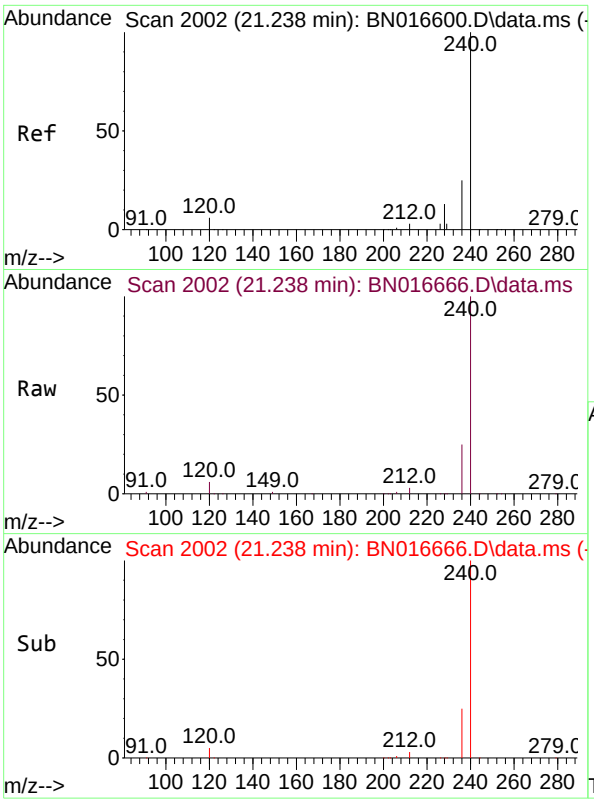


#27
Fluoranthene-d10
Concen: 0.393 ng
RT: 19.063 min Scan# 1696
Delta R.T. -0.005 min
Lab File: BN016666.D
Acq: 02 Oct 2021 11:08

Tgt Ion:212 Resp: 154682

Ion	Ratio	Lower	Upper
212	100		
106	13.2	10.6	16.0
104	7.1	5.9	8.9

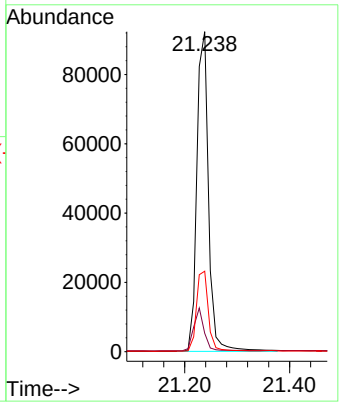




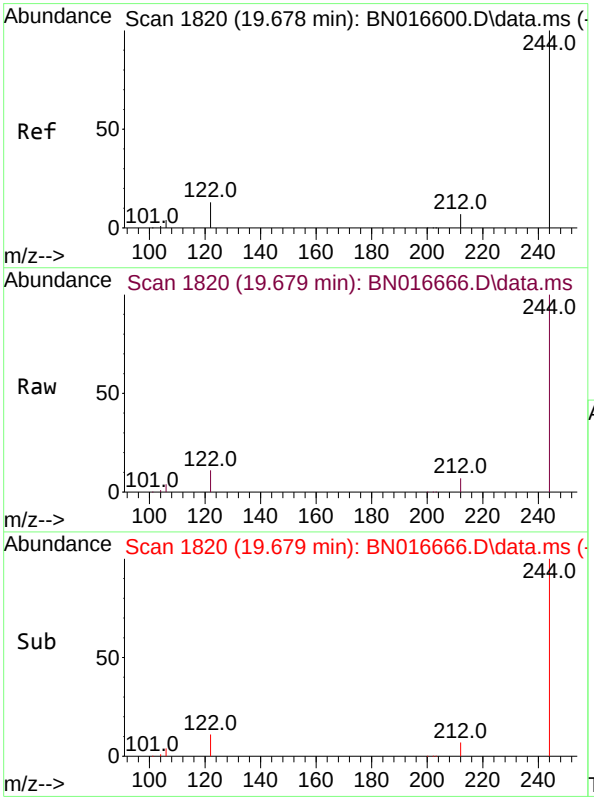
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.238 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN016666.D
Acq: 02 Oct 2021 11:08

Tgt Ion:240 Resp: 143337

Ion	Ratio	Lower	Upper
240	100		
120	5.8	5.0	7.4
236	25.1	20.4	30.6



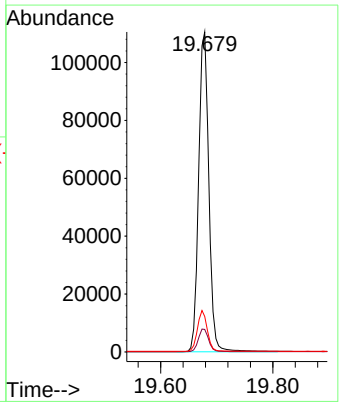
Instrument :
BNA_N
ClientSampleId :

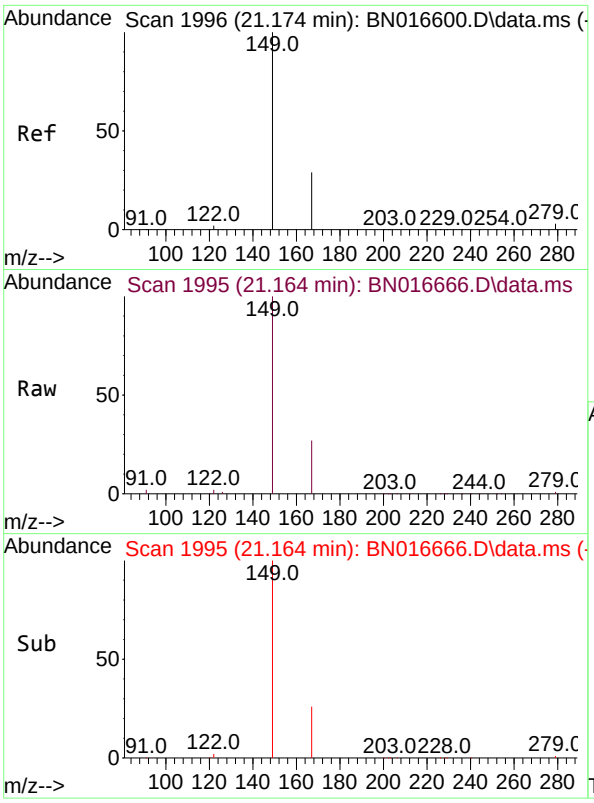


#31
Terphenyl-d14
Concen: 0.446 ng
RT: 19.679 min Scan# 1820
Delta R.T. 0.000 min
Lab File: BN016666.D
Acq: 02 Oct 2021 11:08

Tgt Ion:244 Resp: 138948

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	11.1	10.1	15.1

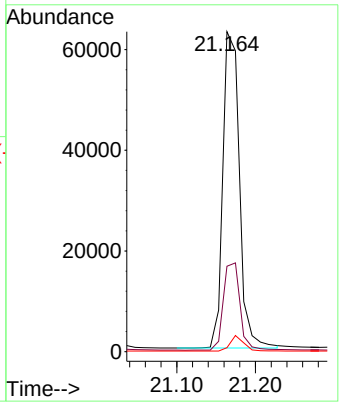




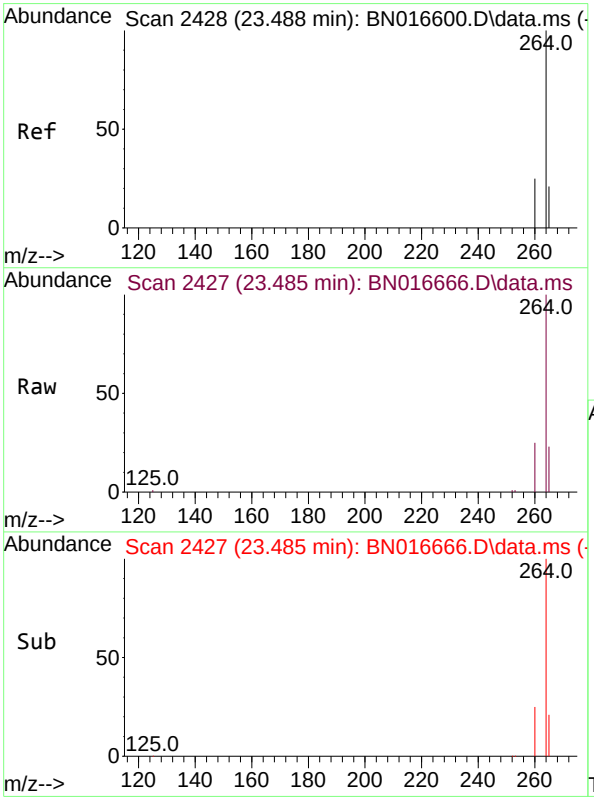
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.522 ng
RT: 21.164 min Scan# 1995
Delta R.T. -0.010 min
Lab File: BN016666.D
Acq: 02 Oct 2021 11:08

Tgt Ion:149 Resp: 91533

Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.2	33.4
279	4.0	3.2	4.8



Instrument :
BNA_N
ClientSampleId :



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.485 min Scan# 2427
Delta R.T. -0.003 min
Lab File: BN016666.D
Acq: 02 Oct 2021 11:08

Tgt Ion:264 Resp: 146837

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.9	29.9
265	22.7	19.2	28.8