Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030322\
Data File : BN018805.D
Acq On : 03 Mar 2022 00:29
Operator : CG/JU
Sample : N1661-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-107

Quant Time: Mar 03 04:34:46 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN030322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 03 00:44:34 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.912	152	6106	0.400	ng	0.00
7) Naphthalene-d8	10.712	136	15768	0.400	ng	#-0.01
13) Acenaphthene-d10	14.538	164	9214	0.400	ng	0.00
19) Phenanthrene-d10	17.277	188	19956	0.400	ng	0.00
29) Chrysene-d12	21.458	240	13917	0.400	ng	# 0.00
35) Perylene-d12	23.855	264	9801	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.464	112	1585	0.119	ng	0.00
5) Phenol-d6	7.067	99	978	0.061	ng	0.00
8) Nitrobenzene-d5	9.067	82	2837	0.247	ng	0.00
11) 2-Methylnaphthalene-d10	12.303	152	6664	0.259	ng	0.00
14) 2,4,6-Tribromophenol	16.025	330	897	0.211	ng	0.00
15) 2-Fluorobiphenyl	13.169	172	11798	0.299	ng	0.00
27) Fluoranthene-d10	19.307	212	18424	0.314	ng	0.00
31) Terphenyl-d14	19.902	244	13360	0.449	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.765	128	2833	0.063	ng	# 91
12) 2-Methylnaphthalene	12.378	142	1748	0.056	ng	95
34) Bis(2-ethylhexyl)phtha...	21.369	149	1692	0.052	ng	# 98
41) Benzo(g,h,i)perylene	27.112	276	748	0.021	ng	# 64

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

Quantitation Report (QT Reviewed)

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Quant Time: Mar 03 04:34:46 2022
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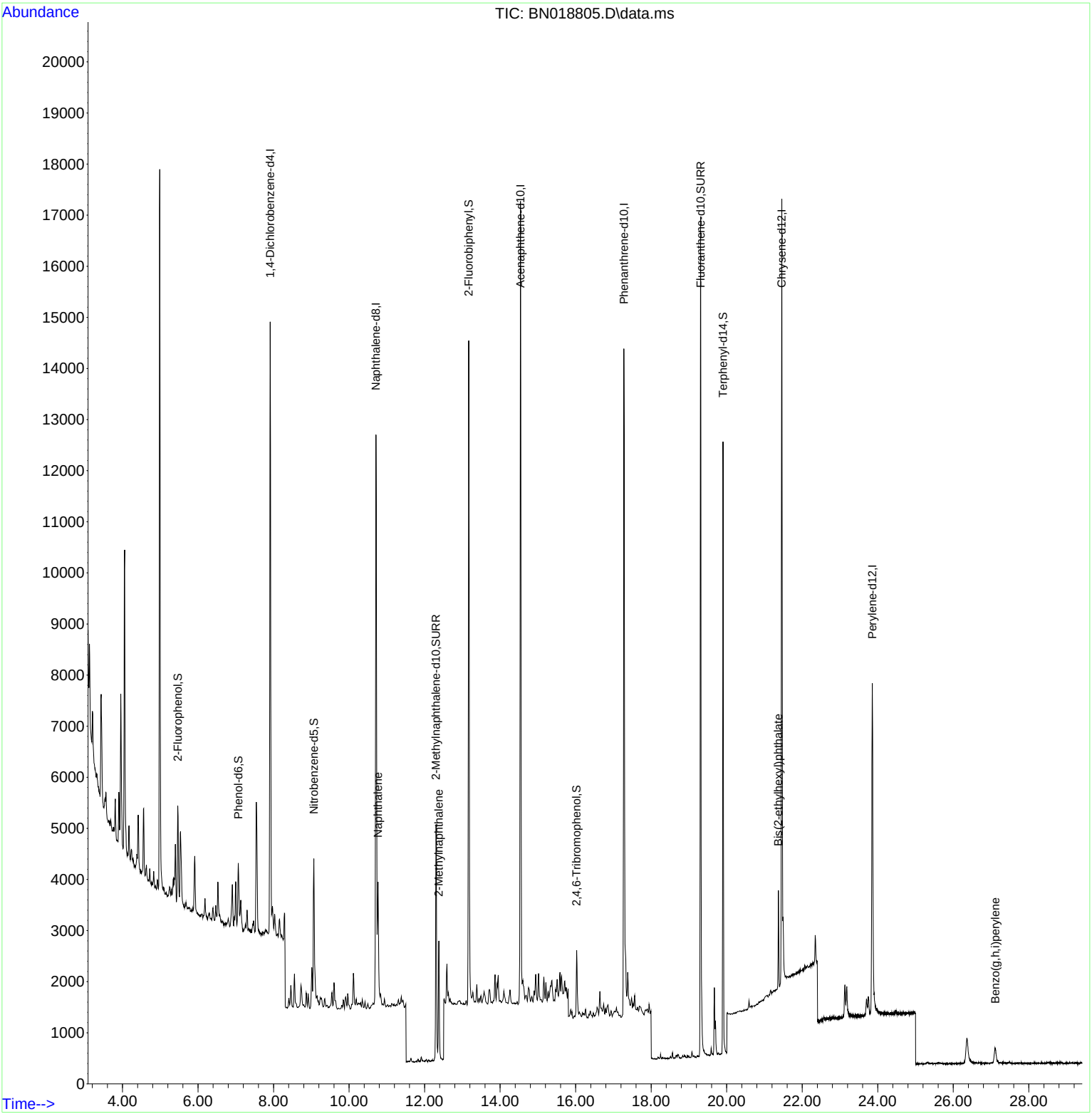
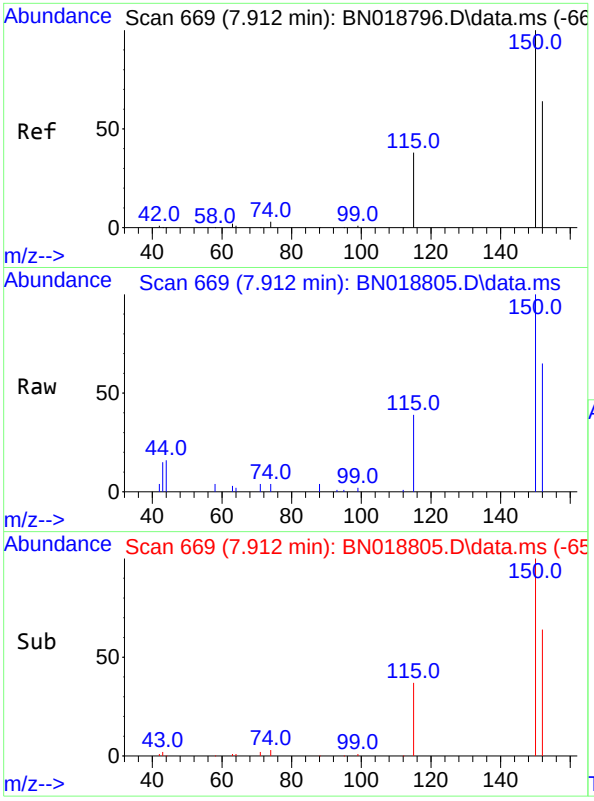
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 03 00:44:34 2022
Response via : Initial Calibration



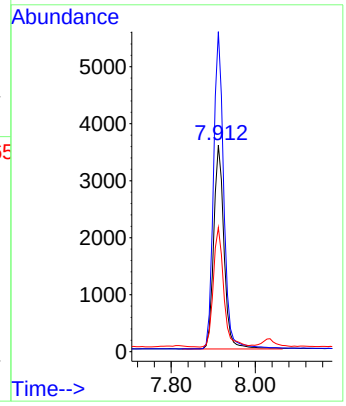


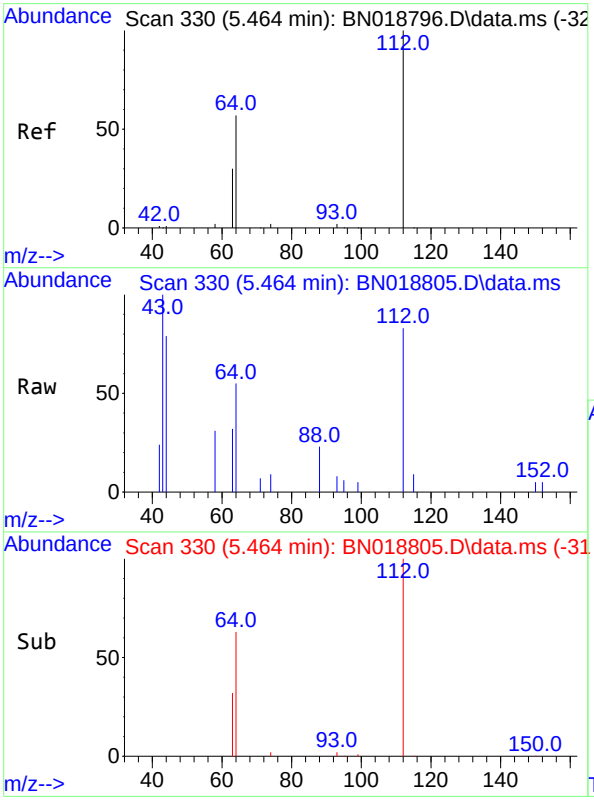
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.912 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN018805.D
Acq: 03 Mar 2022 00:29

Instrument :
BNA_N
ClientSampleId :
MW-107

Tgt Ion:152 Resp: 6106

Ion	Ratio	Lower	Upper
152	100		
150	154.9	123.9	185.9
115	60.1	48.2	72.4

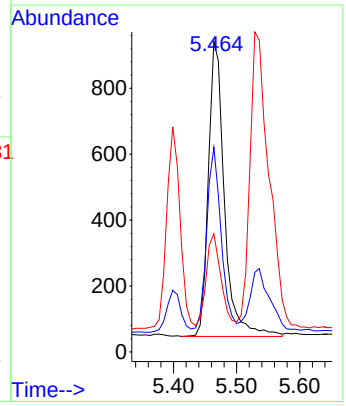


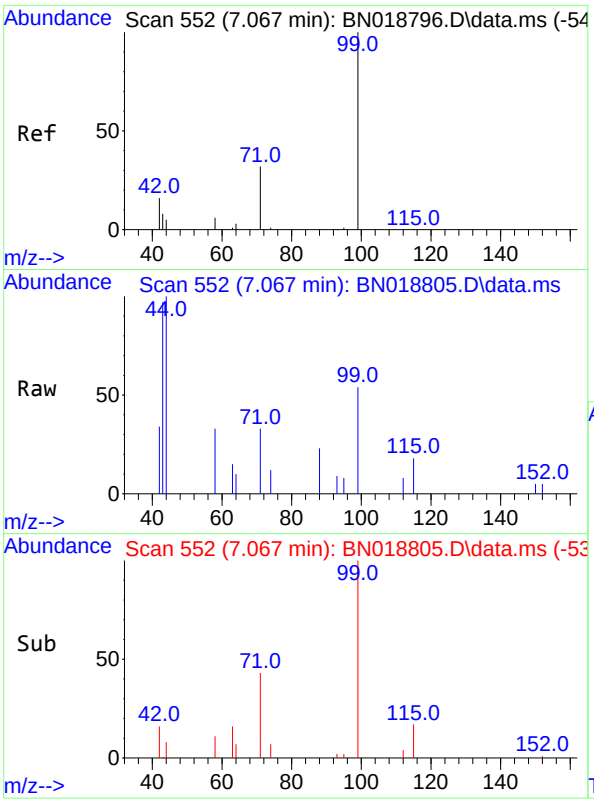


#4
2-Fluorophenol
Concen: 0.119 ng
RT: 5.464 min Scan# 330
Delta R.T. -0.000 min
Lab File: BN018805.D
Acq: 03 Mar 2022 00:29

Tgt Ion:112 Resp: 1585

Ion	Ratio	Lower	Upper
112	100		
64	54.8	47.8	71.8
63	27.9	25.7	38.5



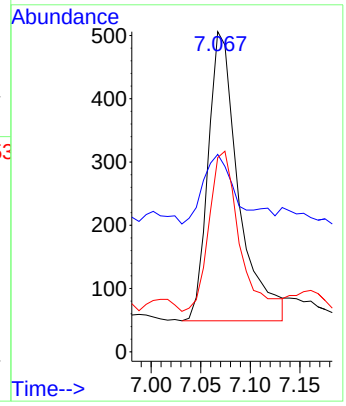


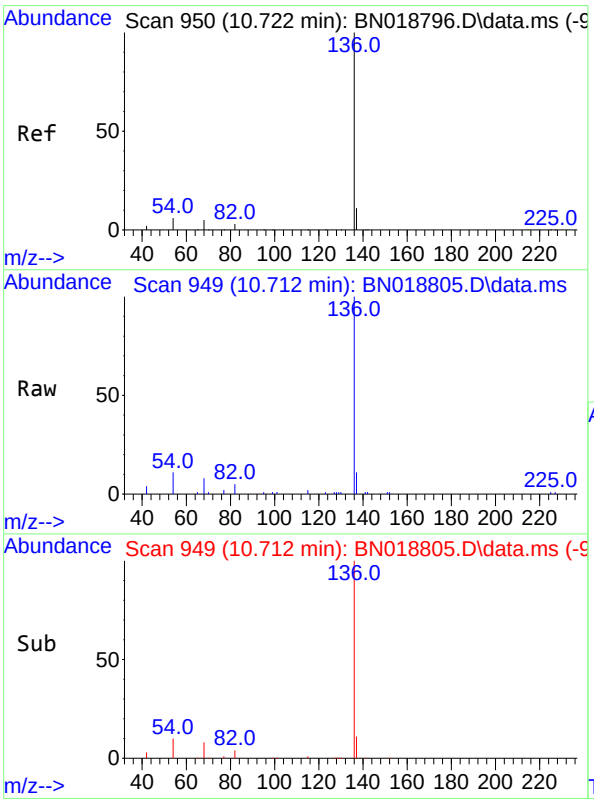
#5
Phenol-d6
Concen: 0.061 ng
RT: 7.067 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN018805.D
Acq: 03 Mar 2022 00:29

Instrument :
BNA_N
ClientSampleId :
MW-107

Tgt Ion: 99 Resp: 978

Ion	Ratio	Lower	Upper
99	100		
42	26.5	16.2	24.4#
71	53.8	27.7	41.5#

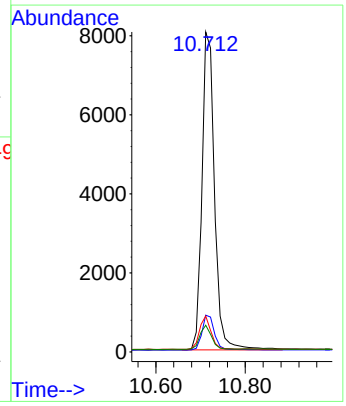


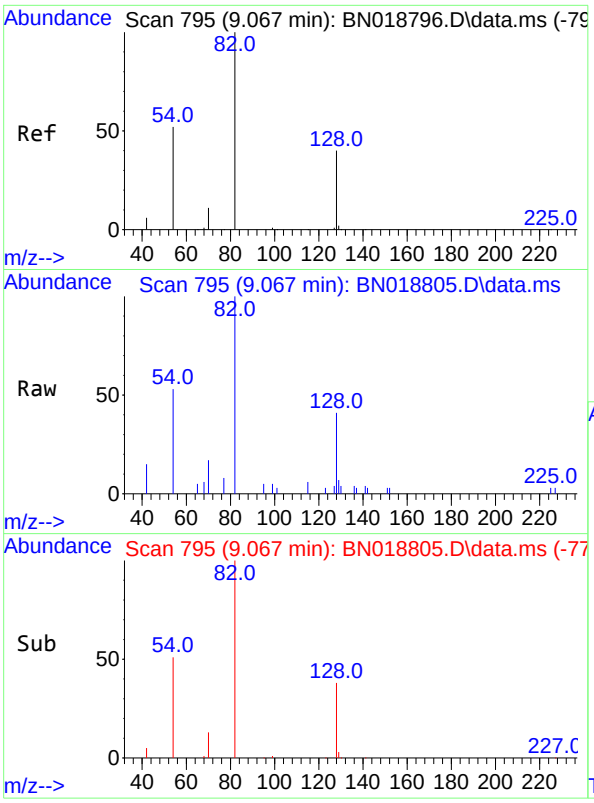


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.712 min Scan# 949
Delta R.T. -0.011 min
Lab File: BN018805.D
Acq: 03 Mar 2022 00:29

Tgt Ion:136 Resp: 15768

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.4
54	11.2	5.8	8.6#
68	8.3	4.6	7.0#



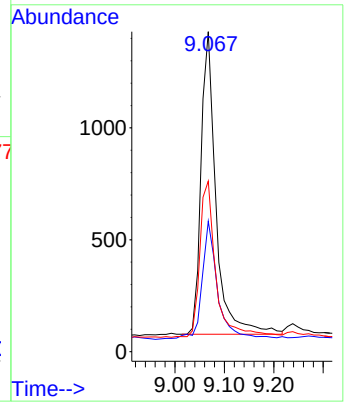


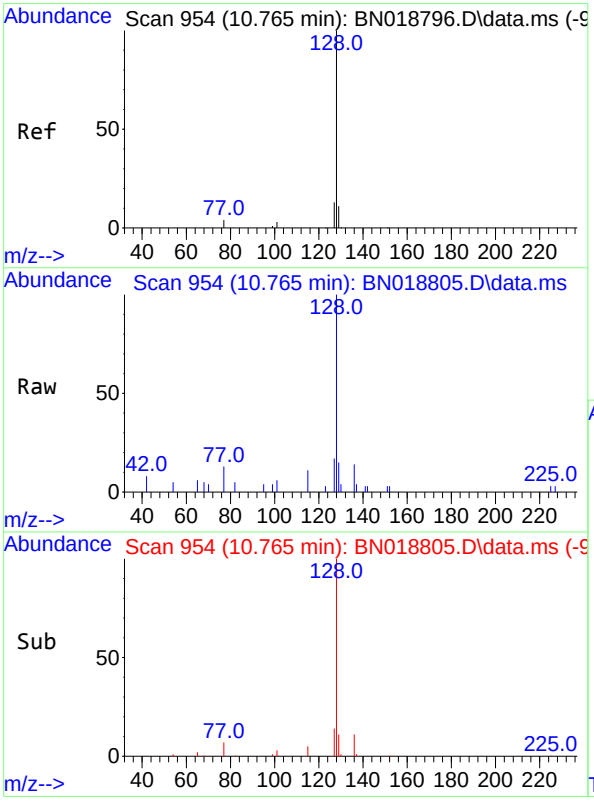
#8
Nitrobenzene-d5
Concen: 0.247 ng
RT: 9.067 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN018805.D
Acq: 03 Mar 2022 00:29

Instrument :
BNA_N
ClientSampleId :
MW-107

Tgt Ion: 82 Resp: 2837

Ion	Ratio	Lower	Upper
82	100		
128	40.8	33.0	49.6
54	53.3	42.5	63.7

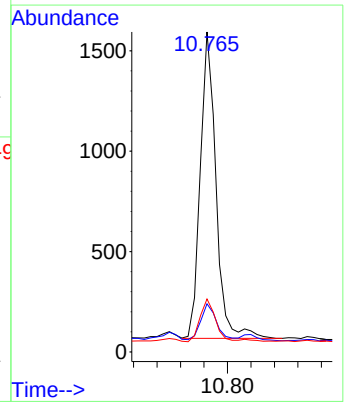


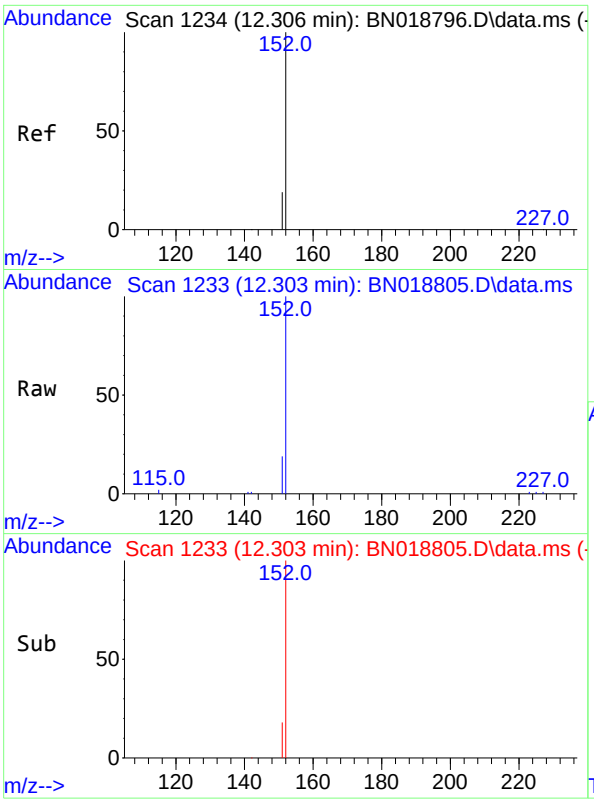


#9
Naphthalene
Concen: 0.063 ng
RT: 10.765 min Scan# 954
Delta R.T. -0.000 min
Lab File: BN018805.D
Acq: 03 Mar 2022 00:29

Tgt Ion:128 Resp: 2833

Ion	Ratio	Lower	Upper
128	100		
129	15.1	9.0	13.4#
127	16.6	10.7	16.1#



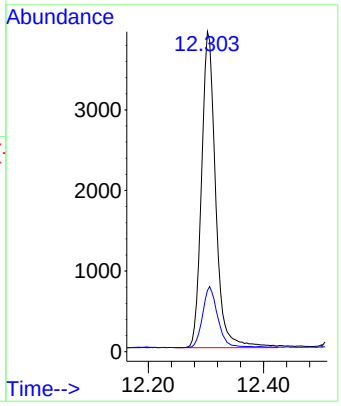


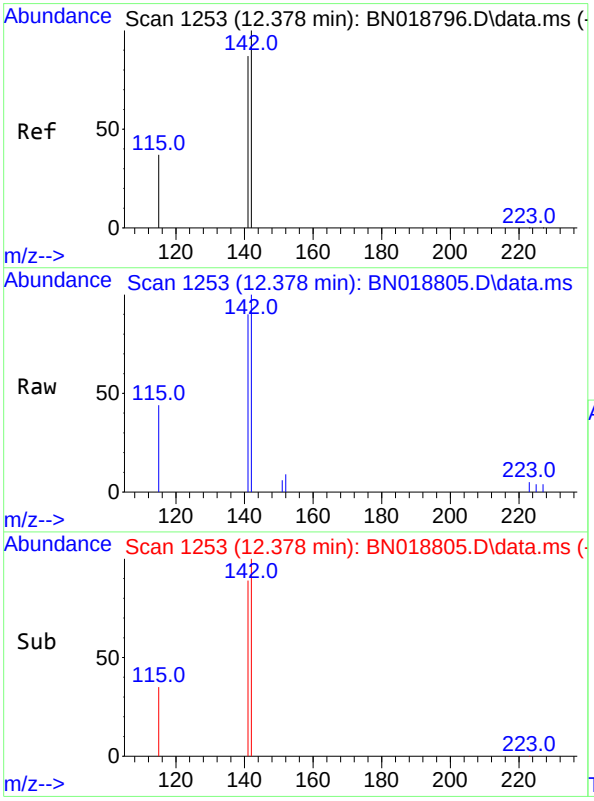
#11
2-Methylnaphthalene-d10
Concen: 0.259 ng
RT: 12.303 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN018805.D
Acq: 03 Mar 2022 00:29

Instrument :
BNA_N
ClientSampleId :
MW-107

Tgt Ion:152 Resp: 6664

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.5	24.7

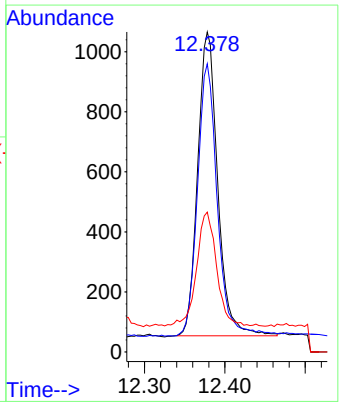


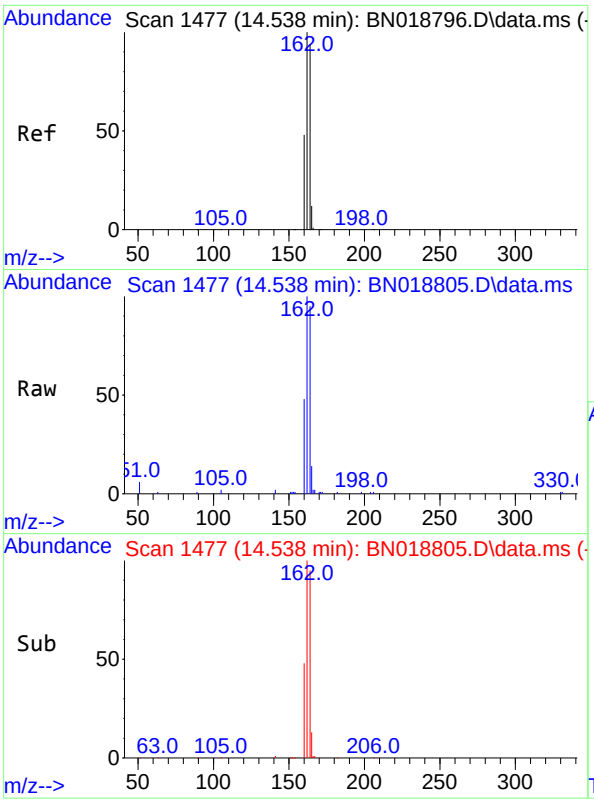


#12
2-Methylnaphthalene
Concen: 0.056 ng
RT: 12.378 min Scan# 1253
Delta R.T. -0.000 min
Lab File: BN018805.D
Acq: 03 Mar 2022 00:29

Tgt Ion:142 Resp: 1748

Ion	Ratio	Lower	Upper
142	100		
141	90.1	70.0	105.0
115	43.7	29.8	44.8



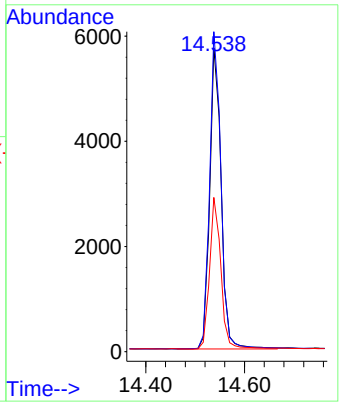


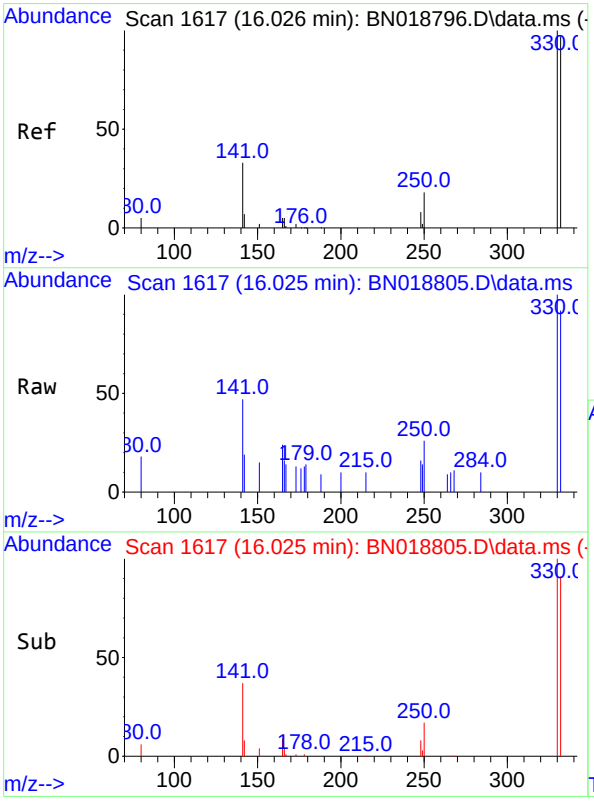
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.538 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN018805.D
Acq: 03 Mar 2022 00:29

Instrument :
BNA_N
ClientSampleId :
MW-107

Tgt Ion:164 Resp: 9214

Ion	Ratio	Lower	Upper
164	100		
162	105.3	85.2	127.8
160	50.8	41.5	62.3

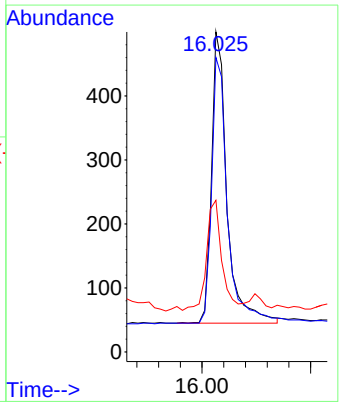


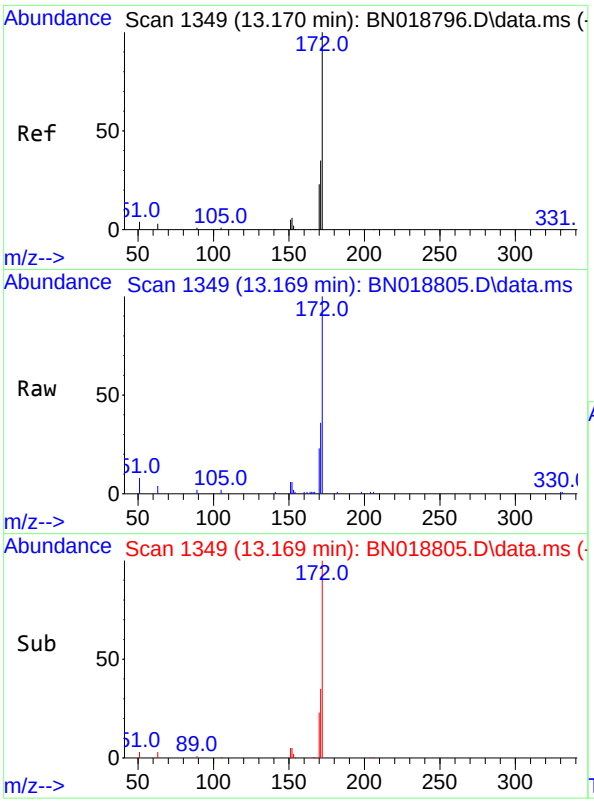


#14
2,4,6-Tribromophenol
Concen: 0.211 ng
RT: 16.025 min Scan# 1617
Delta R.T. -0.000 min
Lab File: BN018805.D
Acq: 03 Mar 2022 00:29

Tgt Ion:330 Resp: 897

Ion	Ratio	Lower	Upper
330	100		
332	93.0	76.8	115.2
141	37.0	32.2	48.2



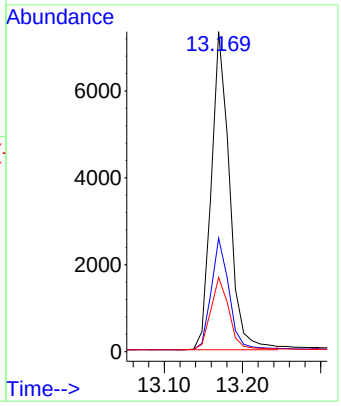


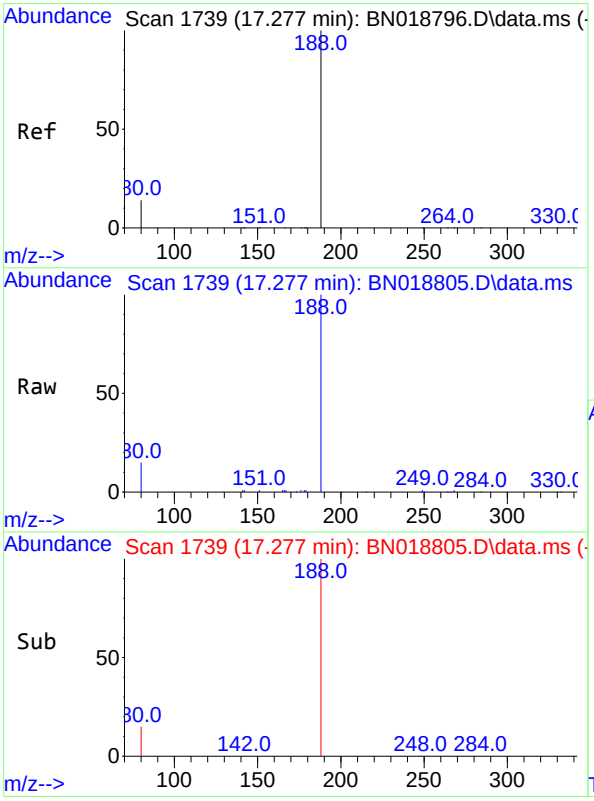
#15
2-Fluorobiphenyl
Concen: 0.299 ng
RT: 13.169 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN018805.D
Acq: 03 Mar 2022 00:29

Instrument :
BNA_N
ClientSampleId :
MW-107

Tgt Ion:172 Resp: 11798

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.2	42.2
170	23.2	18.7	28.1

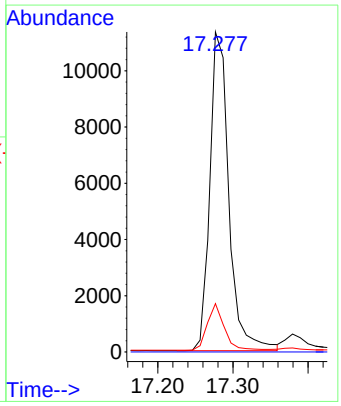


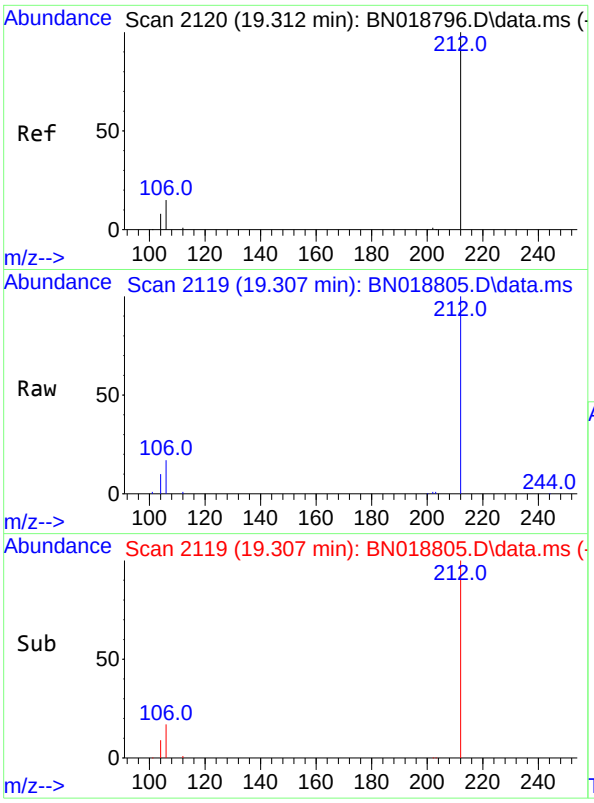


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.277 min Scan# 1739
Delta R.T. -0.000 min
Lab File: BN018805.D
Acq: 03 Mar 2022 00:29

Tgt Ion:188 Resp: 19956

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	15.1	11.8	17.8



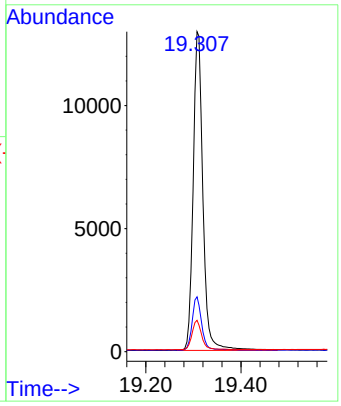


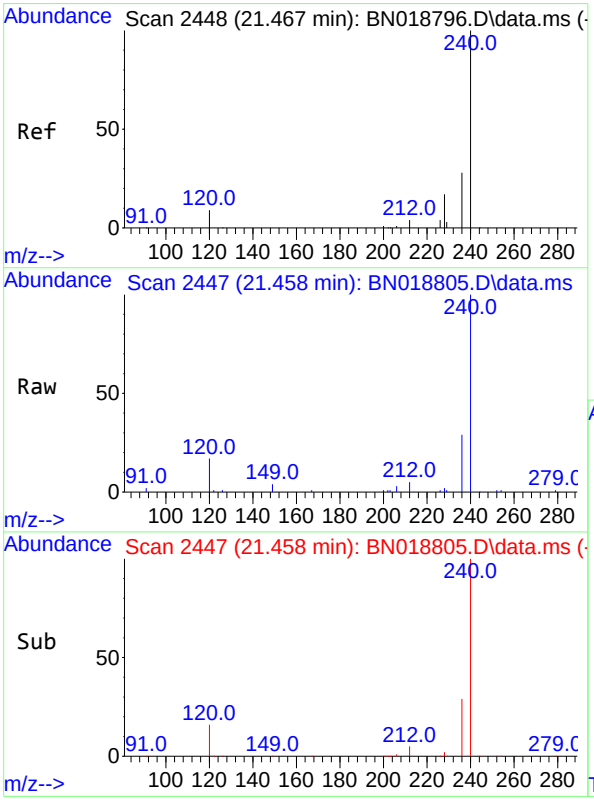
#27
Fluoranthene-d10
Concen: 0.314 ng
RT: 19.307 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN018805.D
Acq: 03 Mar 2022 00:29

Instrument :
BNA_N
ClientSampleId :
MW-107

Tgt Ion:212 Resp: 18424

Ion	Ratio	Lower	Upper
212	100		
106	16.3	12.7	19.1
104	9.2	7.1	10.7

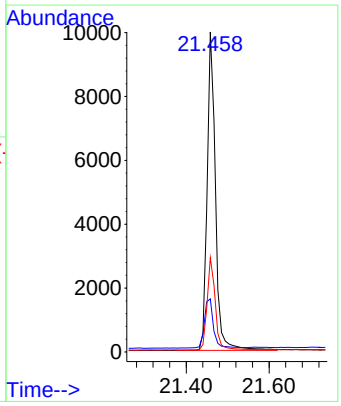


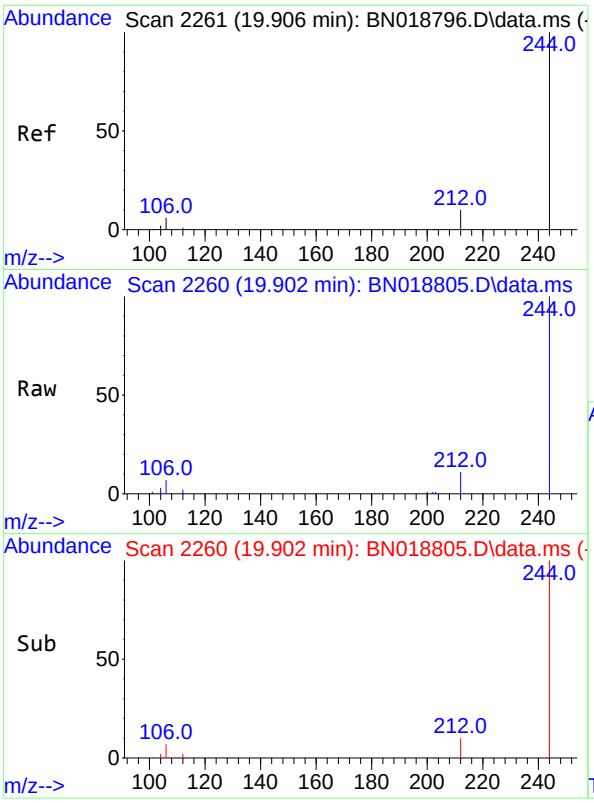


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.458 min Scan# 2447
Delta R.T. -0.009 min
Lab File: BN018805.D
Acq: 03 Mar 2022 00:29

Tgt Ion:240 Resp: 13917

Ion	Ratio	Lower	Upper
240	100		
120	16.6	8.5	12.7#
236	29.5	22.4	33.6



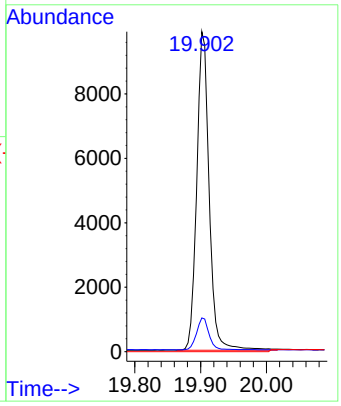


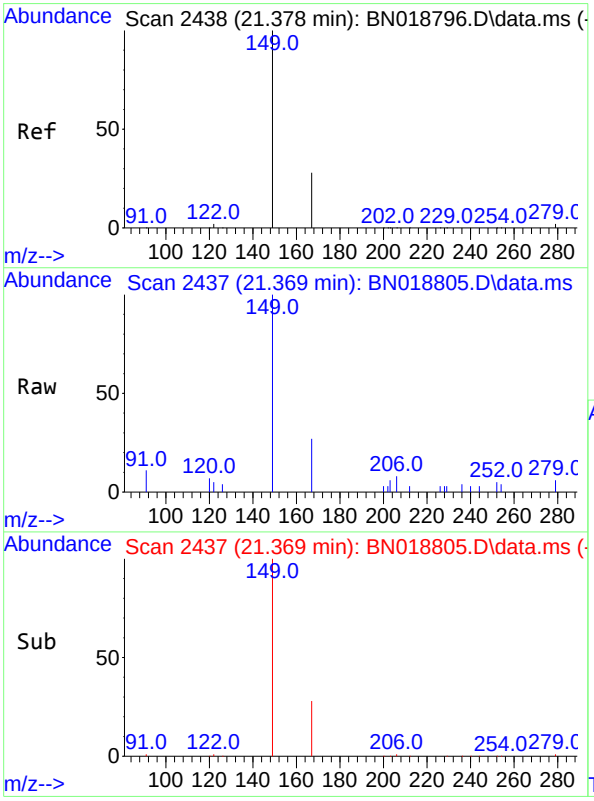
#31
Terphenyl-d14
Concen: 0.449 ng
RT: 19.902 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN018805.D
Acq: 03 Mar 2022 00:29

Instrument :
BNA_N
ClientSampleId :
MW-107

Tgt Ion:244 Resp: 13360

Ion	Ratio	Lower	Upper
244	100		
212	10.5	8.2	12.4
122	0.0	0.0	0.0

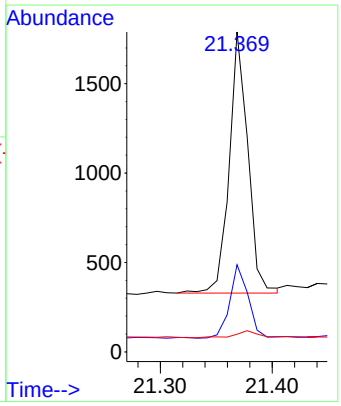


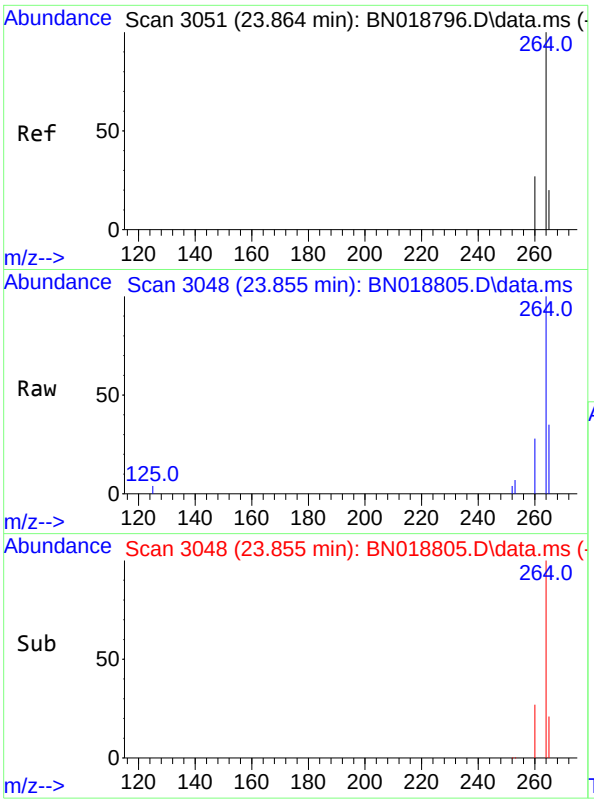


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.052 ng
RT: 21.369 min Scan# 2437
Delta R.T. -0.009 min
Lab File: BN018805.D
Acq: 03 Mar 2022 00:29

Tgt Ion:149 Resp: 1692

Ion	Ratio	Lower	Upper
149	100		
167	28.4	21.8	32.8
279	4.0	2.0	3.0#



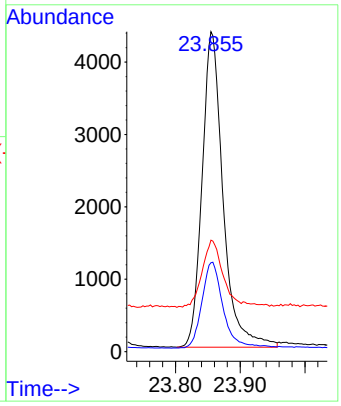


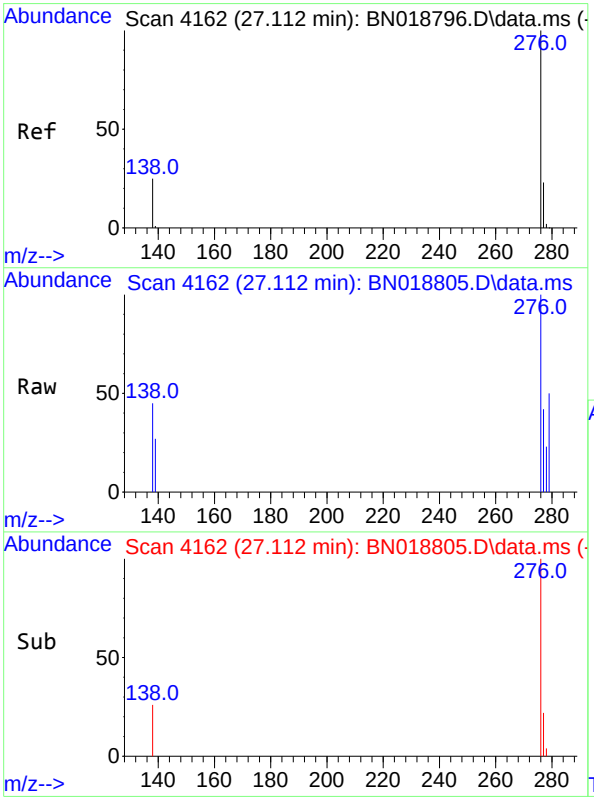
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.855 min Scan# 3
Delta R.T. -0.009 min
Lab File: BN018805.D
Acq: 03 Mar 2022 00:29

Instrument :
BNA_N
ClientSampleId :
MW-107

Tgt Ion:264 Resp: 9801

Ion	Ratio	Lower	Upper
264	100		
260	27.8	22.4	33.6
265	34.8	25.3	37.9





#41
Benzo(g,h,i)perylene
Concen: 0.021 ng
RT: 27.112 min Scan# 4162
Delta R.T. -0.000 min
Lab File: BN018805.D
Acq: 03 Mar 2022 00:29

Tgt Ion:276 Resp: 748

Ion	Ratio	Lower	Upper
276	100		
277	41.9	19.4	29.0#
138	45.1	21.0	31.6#