Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031623\
Data File : BN024328.D
Acq On : 17 Mar 2023 01:30
Operator : CG/JU
Sample : 01843-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Mar 17 04:45:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 17 04:37:08 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	15835	0.400	ng	0.00
7) Naphthalene-d8	10.856	136	46005	0.400	ng	# 0.00
13) Acenaphthene-d10	14.675	164	21777	0.400	ng	0.00
19) Phenanthrene-d10	17.413	188	45092	0.400	ng	# 0.00
29) Chrysene-d12	21.601	240	30804	0.400	ng	# 0.00
35) Perylene-d12	24.097	264	24088	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.584	112	787	0.022	ng	0.00
5) Phenol-d6	7.195	99	1349	0.030	ng	0.00
8) Nitrobenzene-d5	9.201	82	5593	0.182	ng	0.00
11) 2-Methylnaphthalene-d10	12.437	152	9291	0.164	ng	0.00
14) 2,4,6-Tribromophenol	16.159	330	30	0.003	ng	0.00
15) 2-Fluorobiphenyl	13.307	172	13743	0.167	ng	0.00
27) Fluoranthene-d10	19.446	212	19060	0.199	ng	0.00
31) Terphenyl-d14	20.034	244	9802	0.189	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.432	88	24865	1.443	ng	96
20) 4,6-Dinitro-2-methylph...	15.824	198	12	0.180	ng	# 1
24) Pentachlorophenol	17.065	266	7	0.129	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.502	149	2076	0.043	ng	# 99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031623\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
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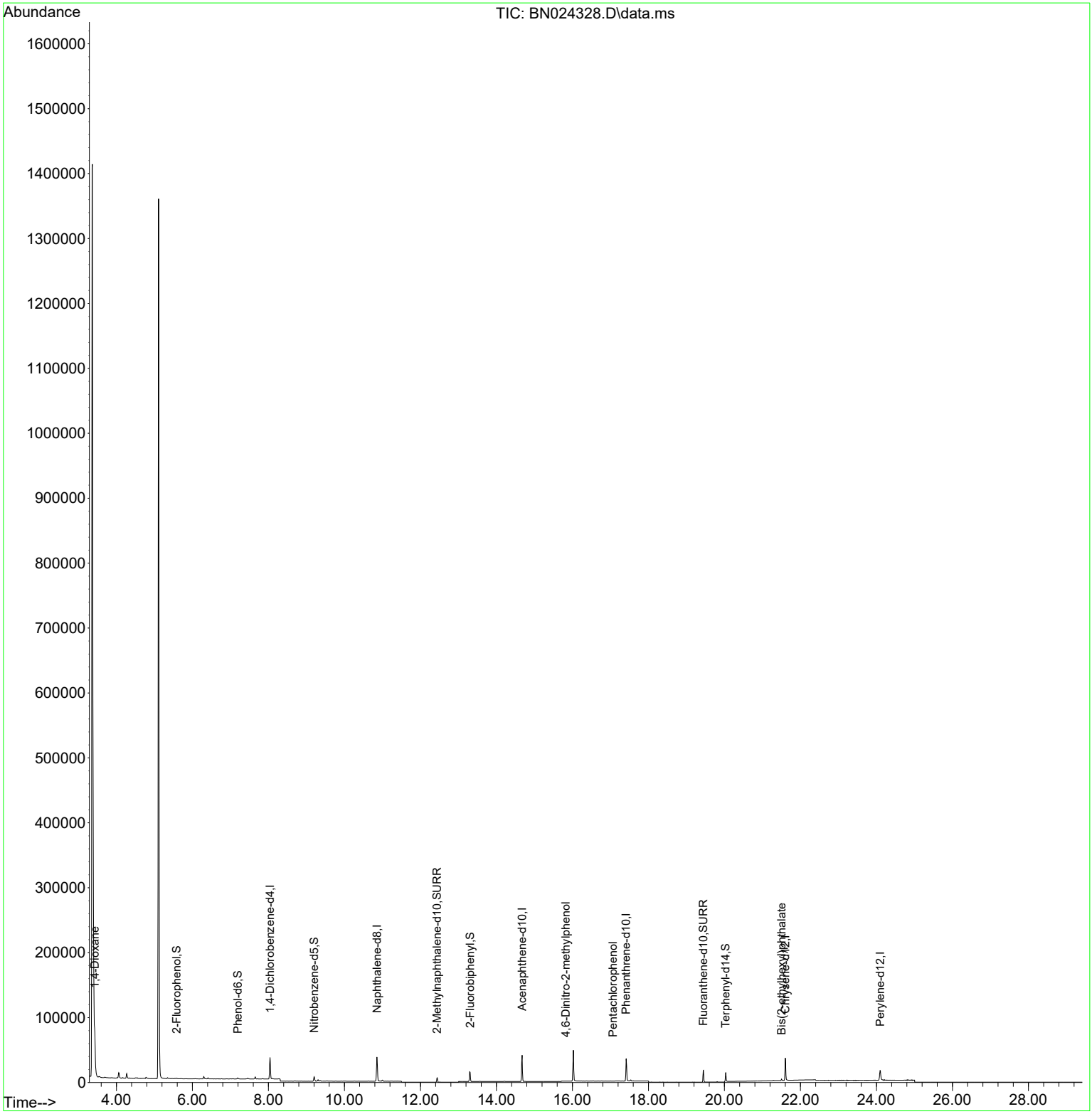
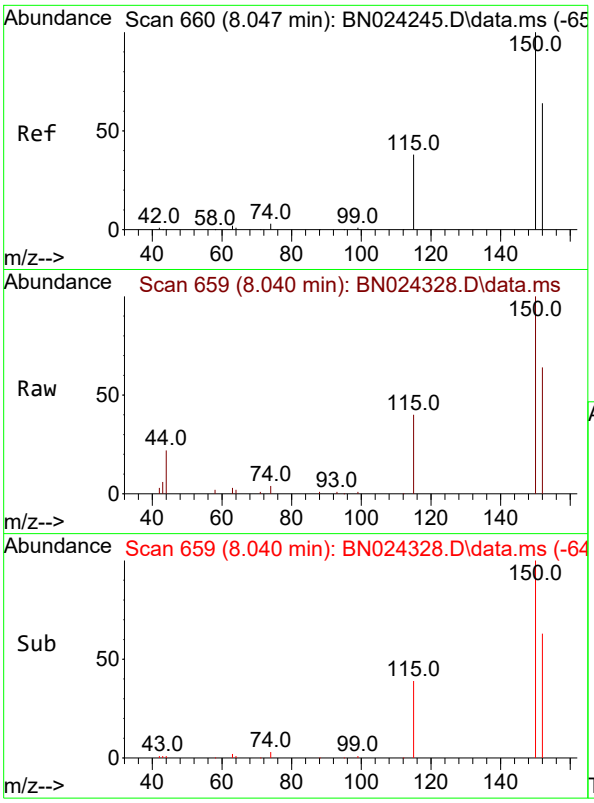


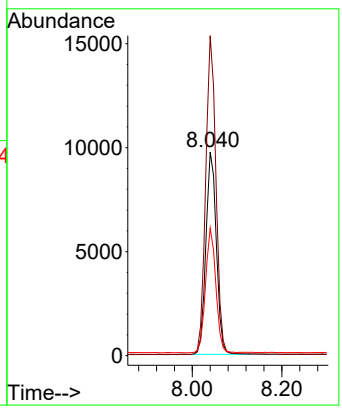


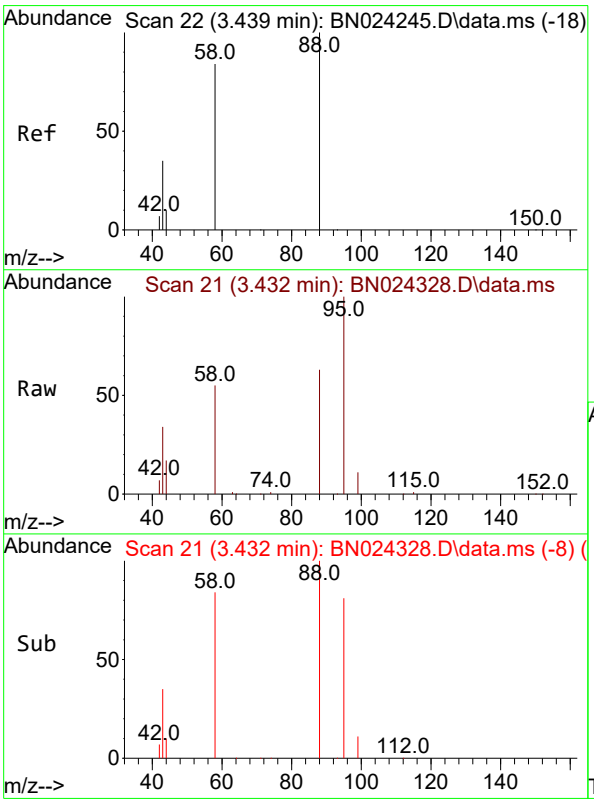
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.040 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN024328.D
Acq: 17 Mar 2023 01:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 15835

Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.7	187.1
115	62.7	49.1	73.7

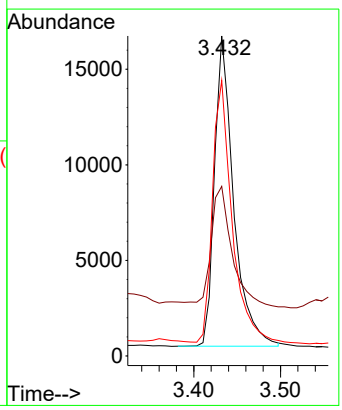


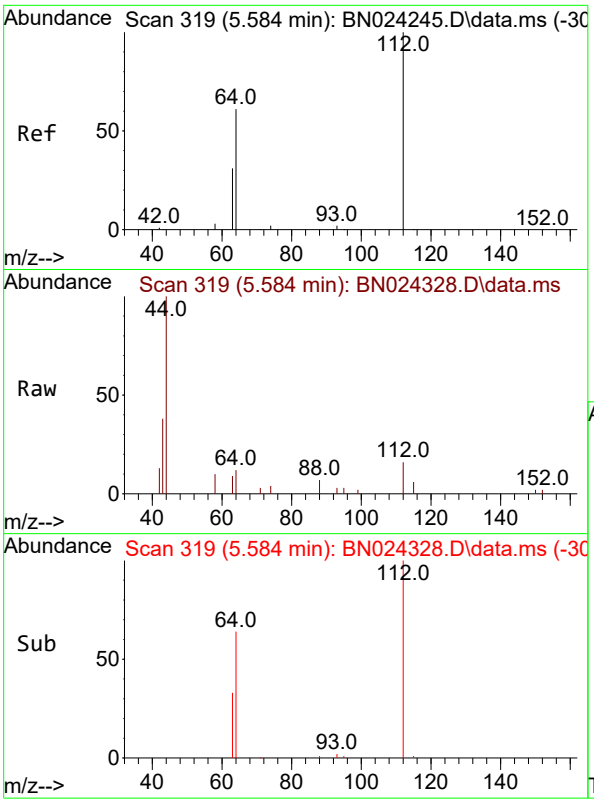


#2
1,4-Dioxane
Concen: 1.443 ng
RT: 3.432 min Scan# 21
Delta R.T. -0.007 min
Lab File: BN024328.D
Acq: 17 Mar 2023 01:30

Tgt Ion: 88 Resp: 24865

Ion	Ratio	Lower	Upper
88	100		
43	42.8	29.0	43.4
58	85.5	67.3	100.9



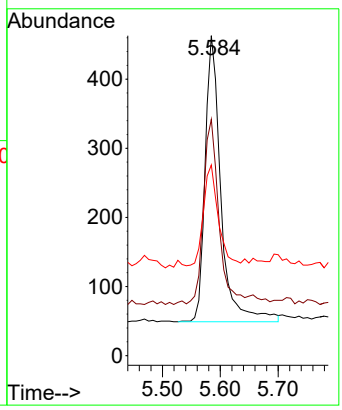


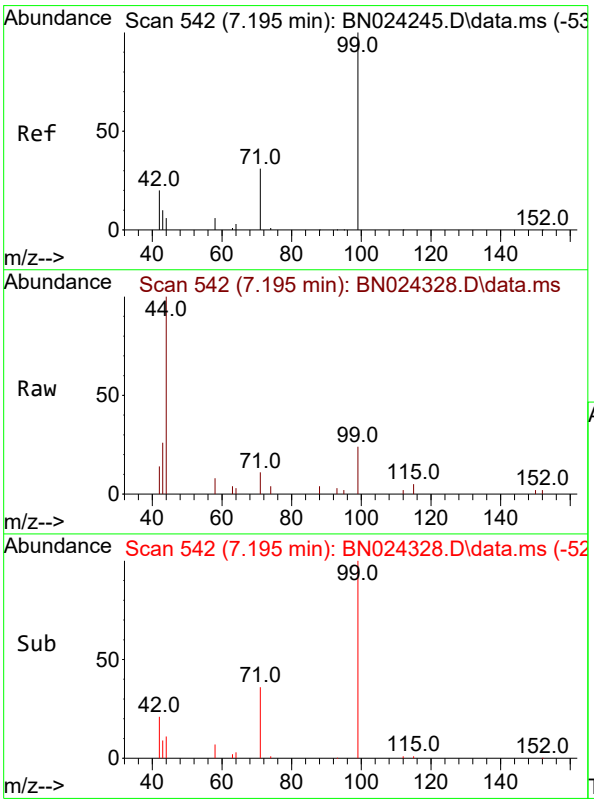
#4
2-Fluorophenol
Concen: 0.022 ng
RT: 5.584 min Scan# 3
Delta R.T. 0.007 min
Lab File: BN024328.D
Acq: 17 Mar 2023 01:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:112 Resp: 787

Ion	Ratio	Lower	Upper
112	100		
64	63.4	49.0	73.6
63	33.3	25.7	38.5

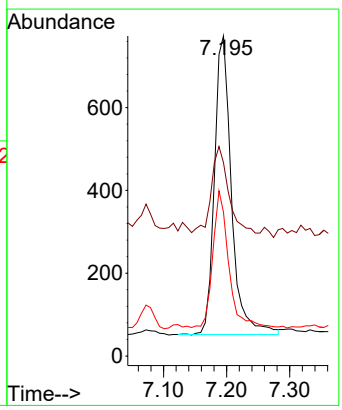


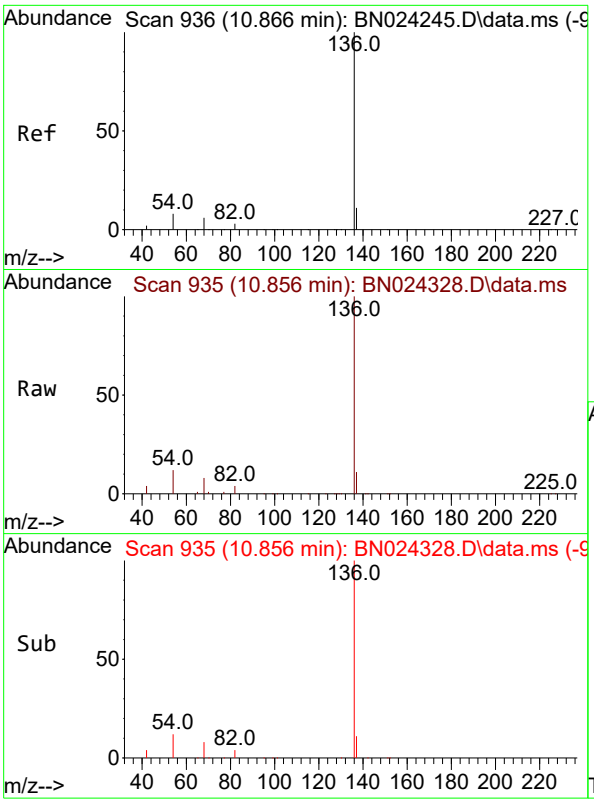


#5
Phenol-d6
Concen: 0.030 ng
RT: 7.195 min Scan# 542
Delta R.T. 0.007 min
Lab File: BN024328.D
Acq: 17 Mar 2023 01:30

Tgt Ion: 99 Resp: 1349

Ion	Ratio	Lower	Upper
99	100		
42	28.8	20.1	30.1
71	43.7	25.8	38.8#



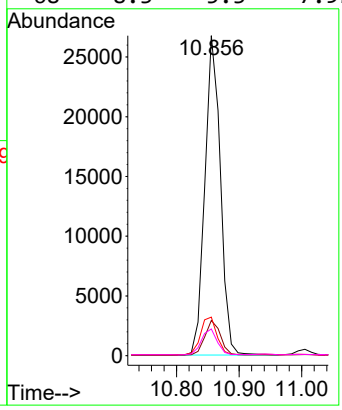


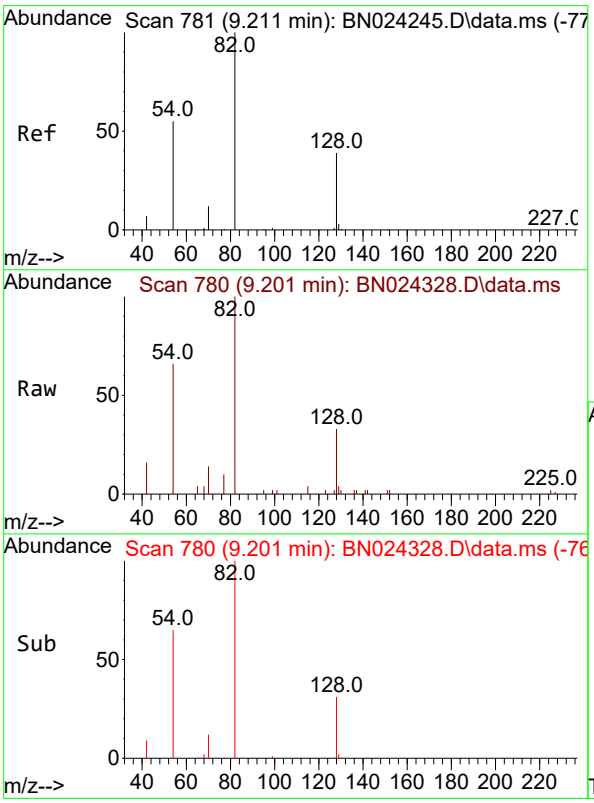
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.856 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN024328.D
Acq: 17 Mar 2023 01:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 46005

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	12.0	7.1	10.7#
68	8.3	5.3	7.9#

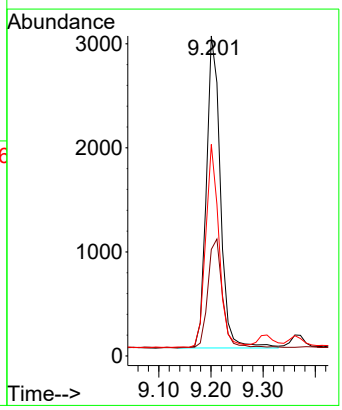


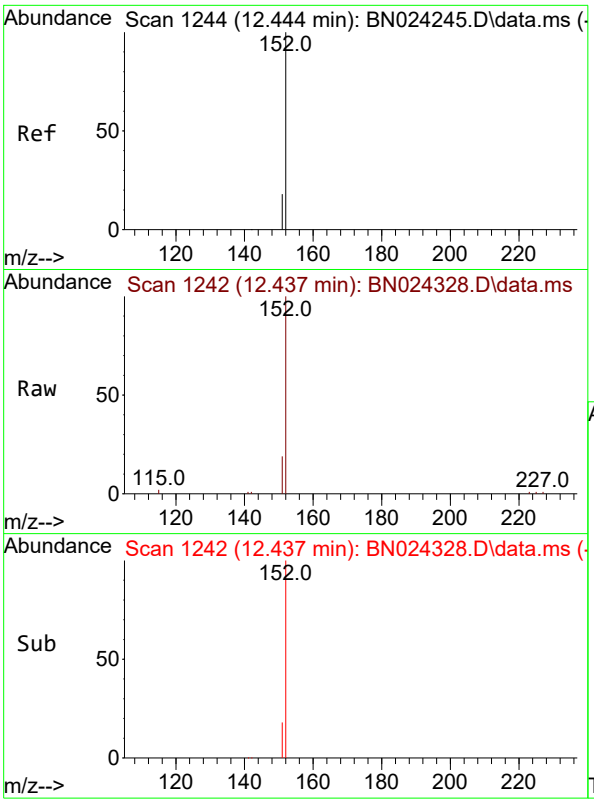


#8
Nitrobenzene-d5
Concen: 0.182 ng
RT: 9.201 min Scan# 780
Delta R.T. 0.000 min
Lab File: BN024328.D
Acq: 17 Mar 2023 01:30

Tgt Ion: 82 Resp: 5593

Ion	Ratio	Lower	Upper
82	100		
128	33.3	32.4	48.6
54	66.1	45.2	67.8



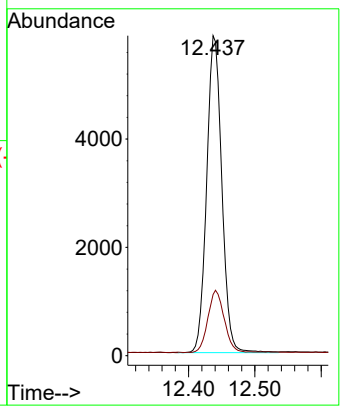


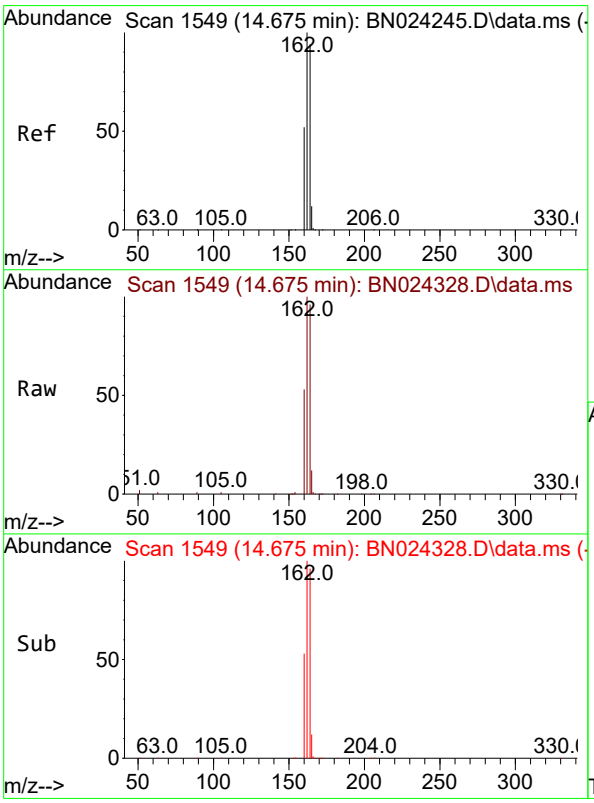
#11
2-Methylnaphthalene-d10
Concen: 0.164 ng
RT: 12.437 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN024328.D
Acq: 17 Mar 2023 01:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 9291

Ion	Ratio	Lower	Upper
152	100		
151	21.3	16.8	25.2

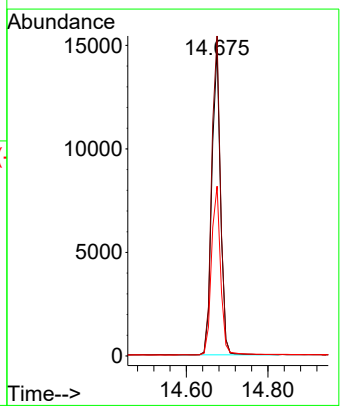


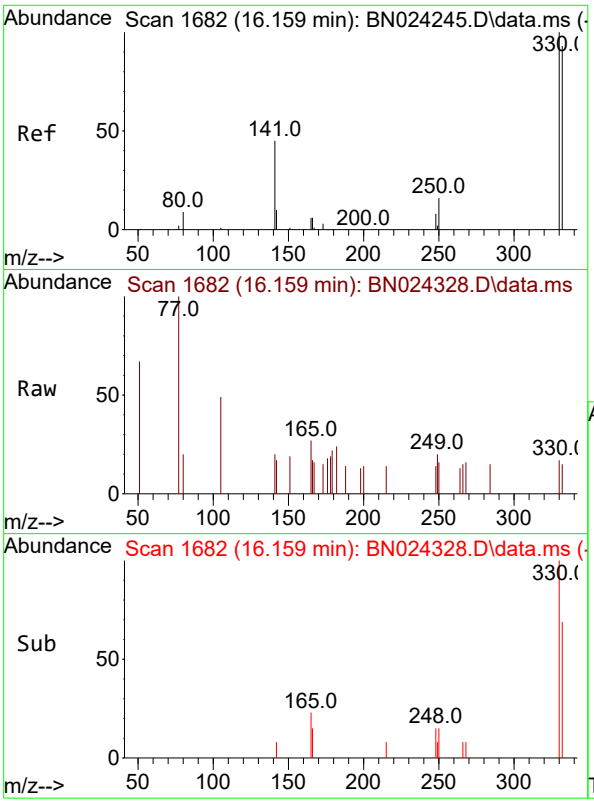


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.675 min Scan# 1549
Delta R.T. 0.000 min
Lab File: BN024328.D
Acq: 17 Mar 2023 01:30

Tgt Ion:164 Resp: 21777

Ion	Ratio	Lower	Upper
164	100		
162	104.3	84.7	127.1
160	55.3	44.6	66.8



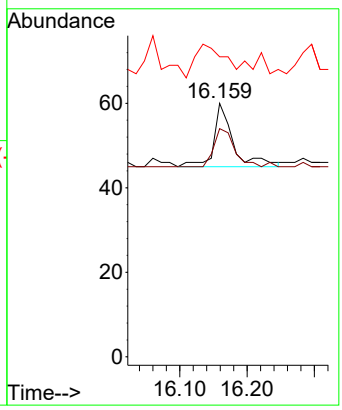


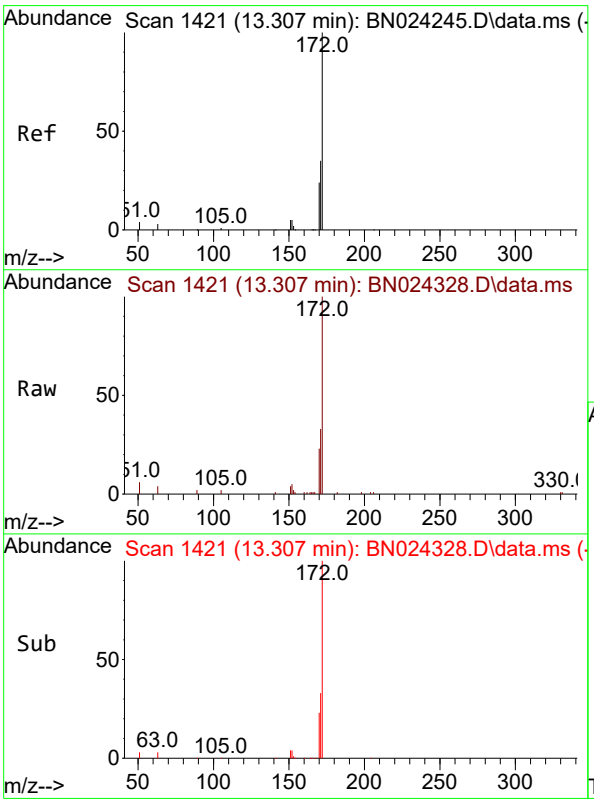
#14
2,4,6-Tribromophenol
Concen: 0.003 ng
RT: 16.159 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN024328.D
Acq: 17 Mar 2023 01:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:330 Resp: 30

Ion	Ratio	Lower	Upper
330	100		
332	63.3	78.0	117.0#
141	0.0	30.8	46.2#

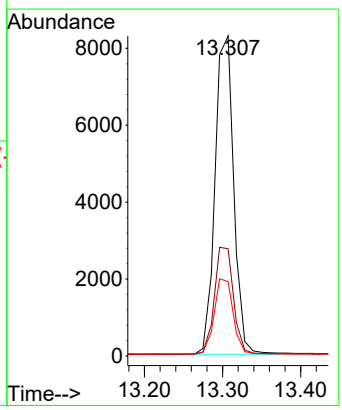


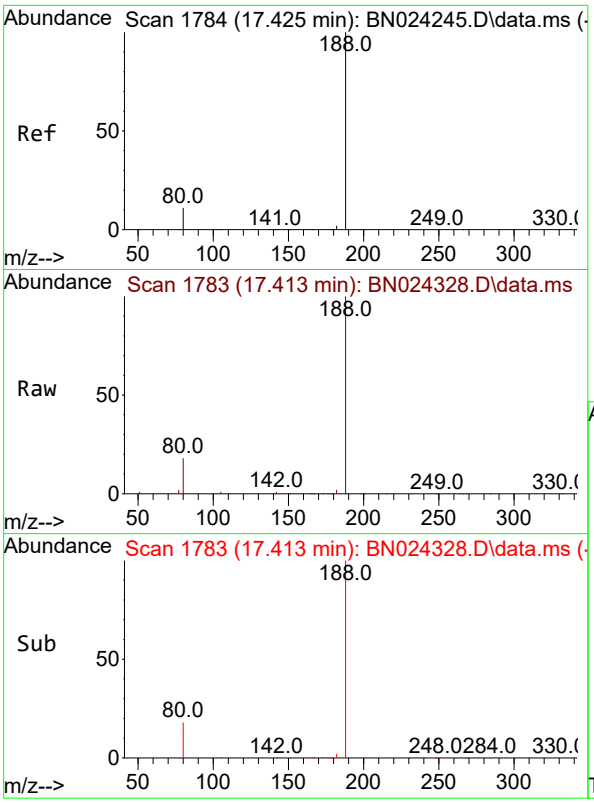


#15
2-Fluorobiphenyl
Concen: 0.167 ng
RT: 13.307 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BN024328.D
Acq: 17 Mar 2023 01:30

Tgt Ion:172 Resp: 13743

Ion	Ratio	Lower	Upper
172	100		
171	33.5	27.8	41.8
170	23.2	19.0	28.6



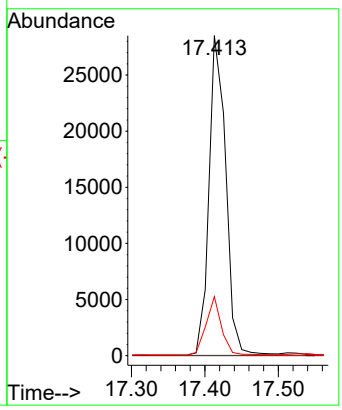


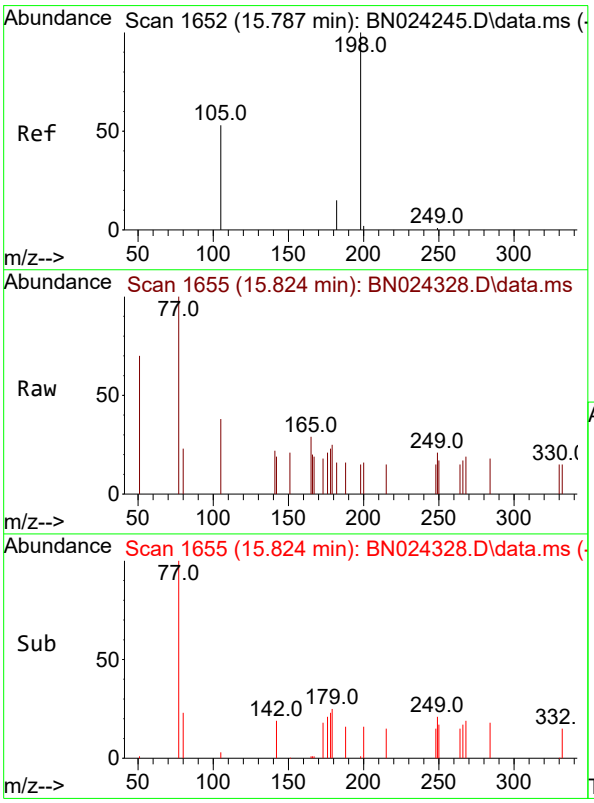
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.413 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN024328.D
Acq: 17 Mar 2023 01:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 45092

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	18.4	8.9	13.3#

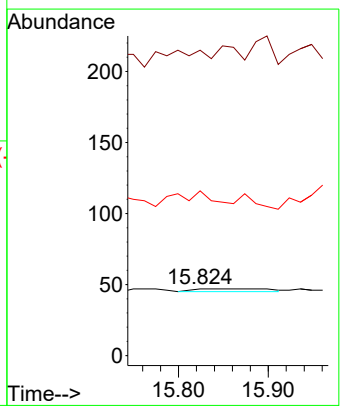


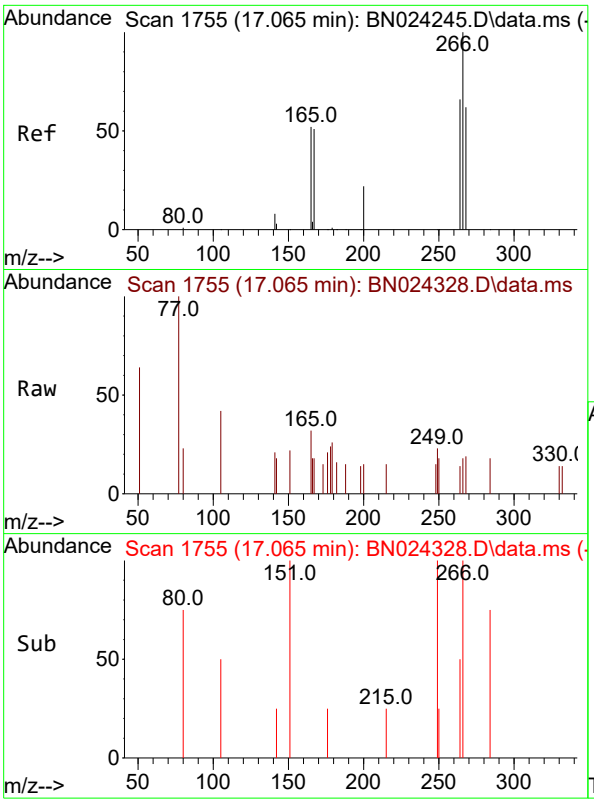


#20
4,6-Dinitro-2-methylphenol
Concen: 0.180 ng
RT: 15.824 min Scan# 1655
Delta R.T. 0.037 min
Lab File: BN024328.D
Acq: 17 Mar 2023 01:30

Tgt Ion:198 Resp: 12

Ion	Ratio	Lower	Upper
198	100		
51	457.4	68.2	102.2#
105	246.8	51.6	77.4#



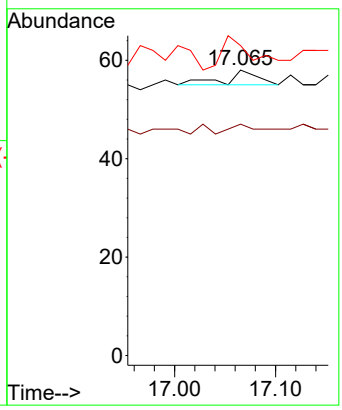


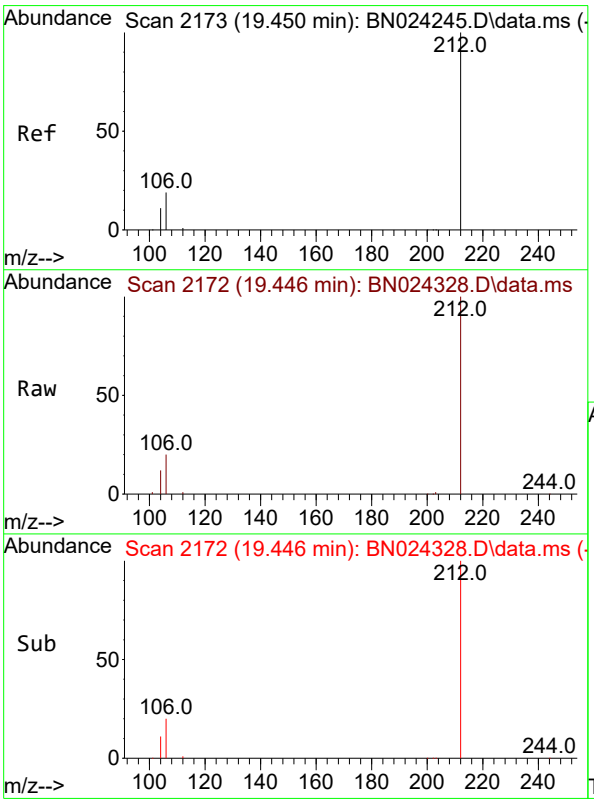
#24
Pentachlorophenol
Concen: 0.129 ng
RT: 17.065 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN024328.D
Acq: 17 Mar 2023 01:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:266 Resp: 7

Ion	Ratio	Lower	Upper
266	100		
264	57.1	51.1	76.7
268	214.3	52.2	78.4#

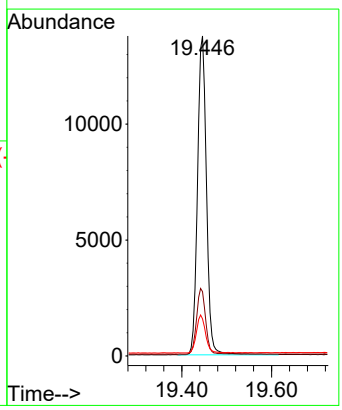


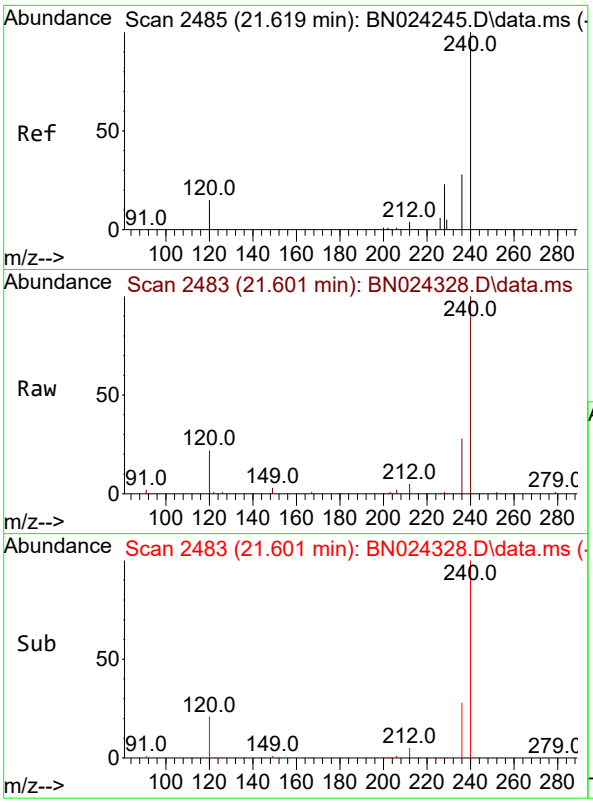


#27
Fluoranthene-d10
Concen: 0.199 ng
RT: 19.446 min Scan# 2172
Delta R.T. 0.000 min
Lab File: BN024328.D
Acq: 17 Mar 2023 01:30

Tgt Ion:212 Resp: 19060

Ion	Ratio	Lower	Upper
212	100		
106	20.7	15.4	23.2
104	12.1	8.6	13.0



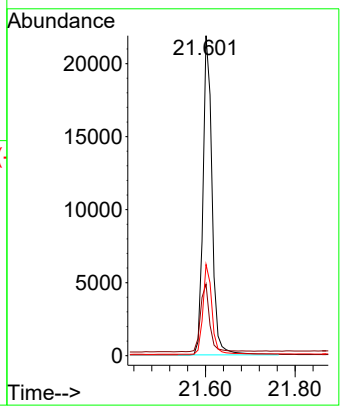


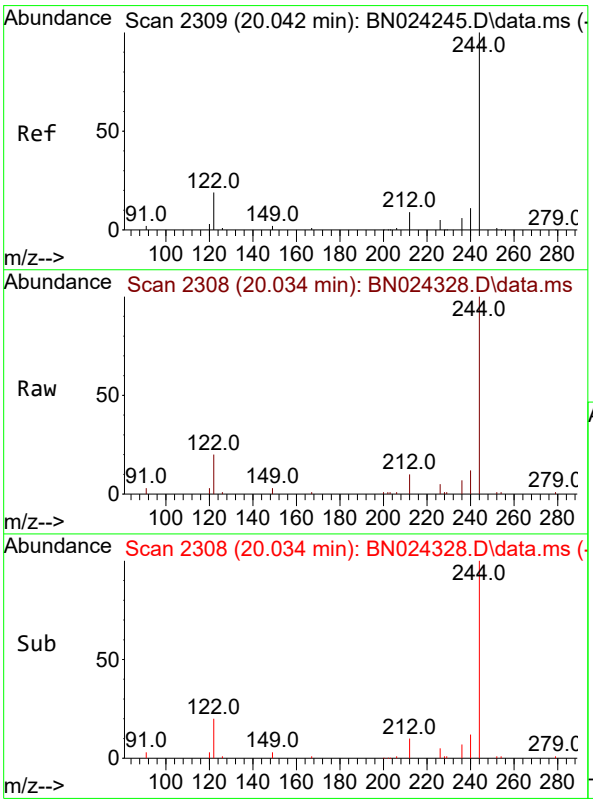
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.601 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN024328.D
Acq: 17 Mar 2023 01:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 30804

Ion	Ratio	Lower	Upper
240	100		
120	22.4	12.8	19.2#
236	28.5	22.5	33.7

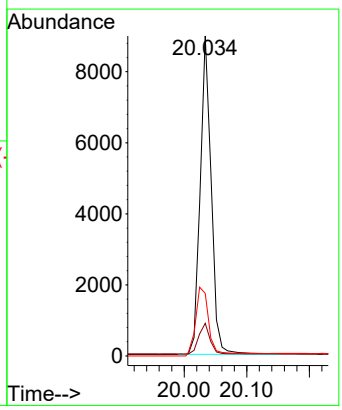


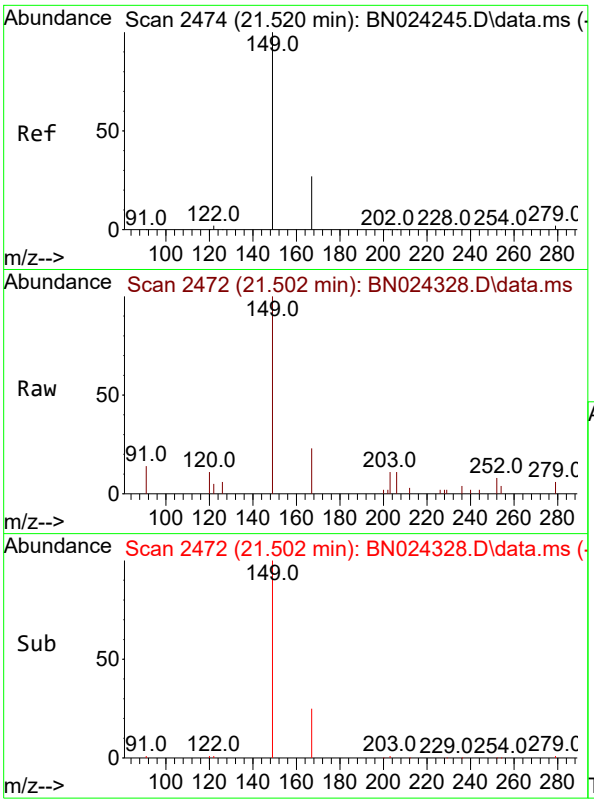


#31
Terphenyl-d14
Concen: 0.189 ng
RT: 20.034 min Scan# 2308
Delta R.T. 0.000 min
Lab File: BN024328.D
Acq: 17 Mar 2023 01:30

Tgt Ion:244 Resp: 9802

Ion	Ratio	Lower	Upper
244	100		
212	10.2	7.6	11.4
122	19.5	15.1	22.7



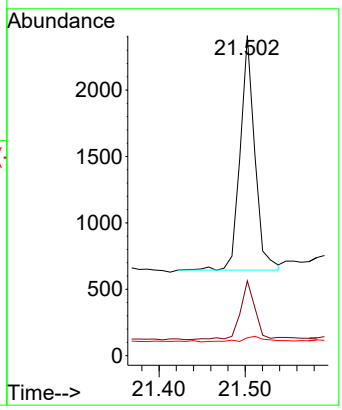


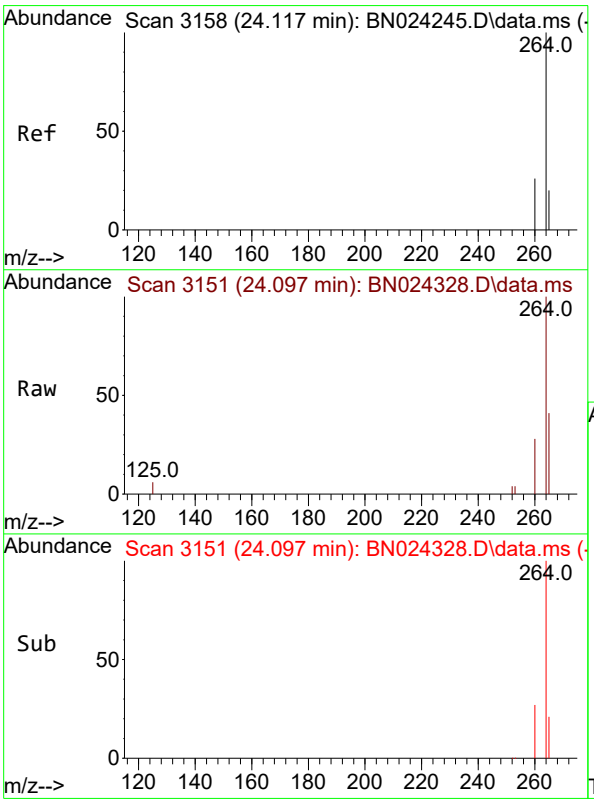
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.043 ng
RT: 21.502 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN024328.D
Acq: 17 Mar 2023 01:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:149 Resp: 2076

Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.2	31.8
279	4.2	1.8	2.8#





#35
Perylene-d12
Concen: 0.400 ng
RT: 24.097 min Scan# 3151
Delta R.T. -0.017 min
Lab File: BN024328.D
Acq: 17 Mar 2023 01:30

Tgt Ion:264 Resp: 24088

Ion	Ratio	Lower	Upper
264	100		
260	27.8	21.4	32.2
265	41.2	35.7	53.5