Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101022\
Data File : BN022044.D
Acq On : 10 Oct 2022 18:33
Operator : CG/JU
Sample : N5058-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW5-GW-808-810

Quant Time: Oct 11 04:44:33 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 11 04:42:07 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.978	152	3991	0.400	ng	0.00
7) Naphthalene-d8	10.805	136	12458	0.400	ng	# 0.00
13) Acenaphthene-d10	14.642	164	6340	0.400	ng	0.00
19) Phenanthrene-d10	17.400	188	12946	0.400	ng	# 0.00
29) Chrysene-d12	21.600	240	9093	0.400	ng	# 0.00
35) Perylene-d12	24.078	264	6375	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.508	112	2064	0.223	ng	0.00
5) Phenol-d6	7.140	99	1630	0.136	ng	0.00
8) Nitrobenzene-d5	9.161	82	4073	0.407	ng	0.01
11) 2-Methylnaphthalene-d10	12.402	152	7367	0.322	ng	0.00
14) 2,4,6-Tribromophenol	16.146	330	967	0.400	ng	0.00
15) 2-Fluorobiphenyl	13.274	172	12659	0.457	ng	0.00
27) Fluoranthene-d10	19.437	212	15580	0.453	ng	0.00
31) Terphenyl-d14	20.033	244	10234	0.560	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.320	88	819	0.159	ng	# 69
10) Hexachlorobutadiene	11.136	225	147	0.023	ng	# 100
34) Bis(2-ethylhexyl)phtha...	21.501	149	1190	0.073	ng	# 98

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

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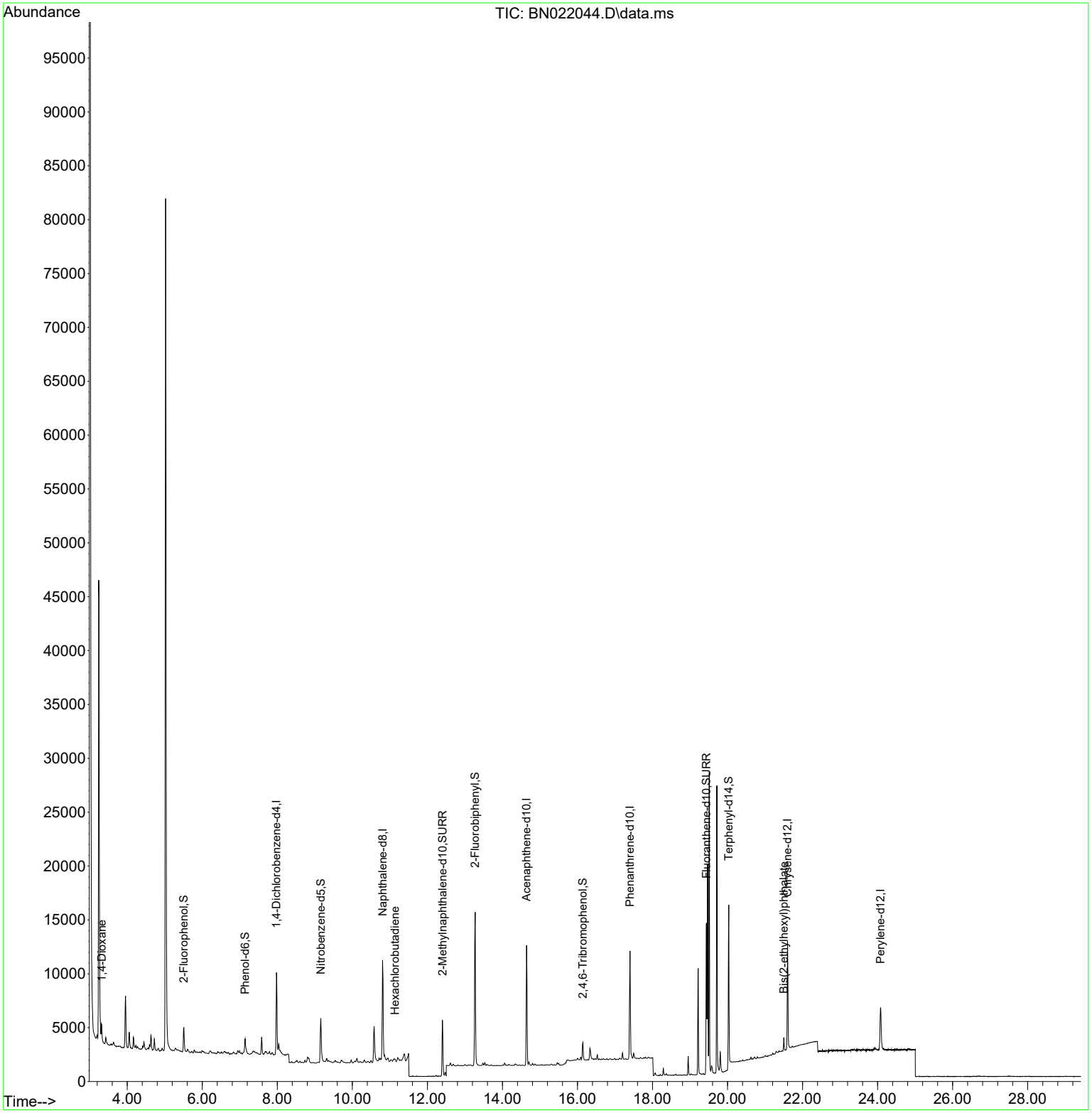
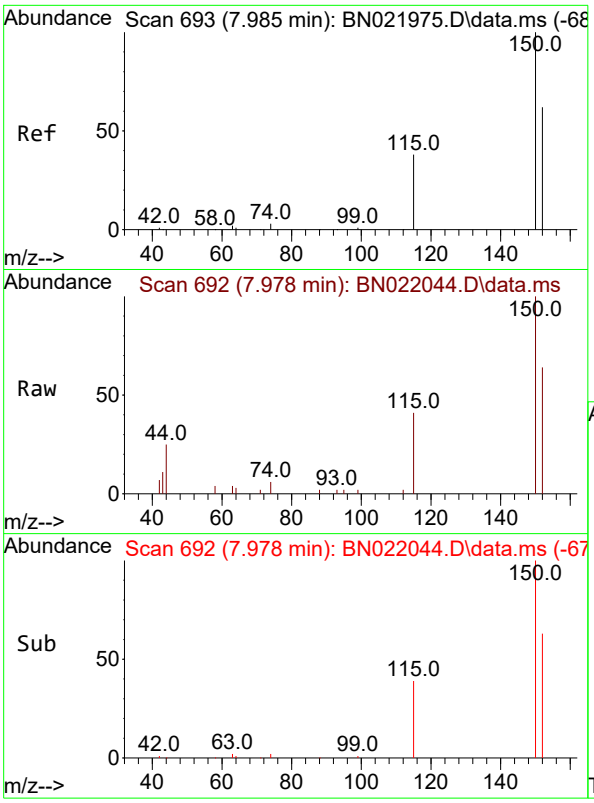


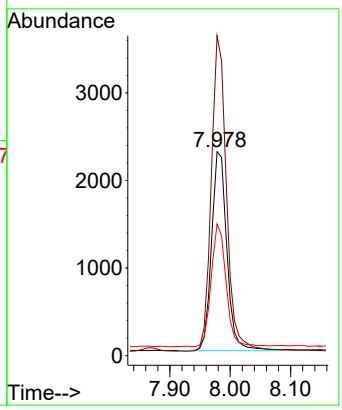


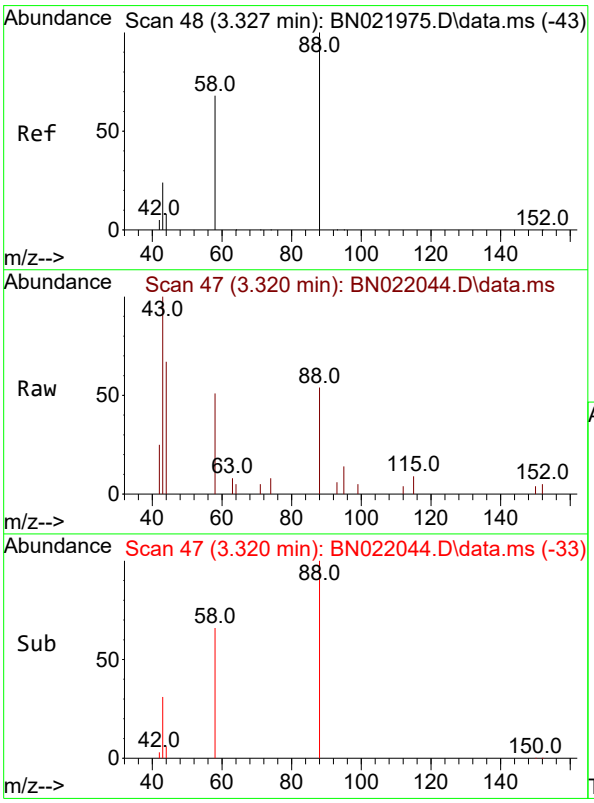
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.978 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN022044.D
Acq: 10 Oct 2022 18:33

Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW5-GW-808-810

Tgt Ion:152 Resp: 3991

Ion	Ratio	Lower	Upper
152	100		
150	156.8	127.2	190.8
115	64.6	51.4	77.0

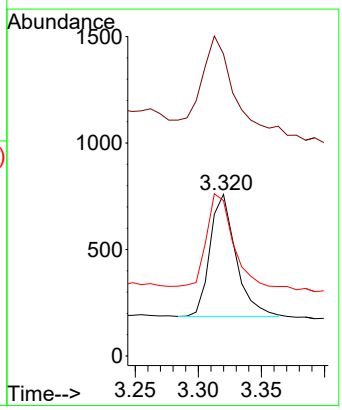


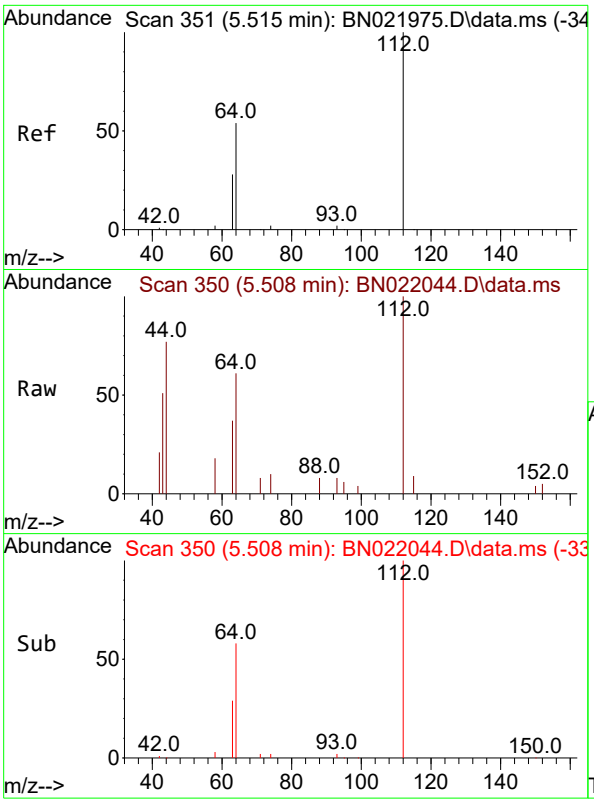


#2
1,4-Dioxane
Concen: 0.159 ng
RT: 3.320 min Scan# 47
Delta R.T. 0.000 min
Lab File: BN022044.D
Acq: 10 Oct 2022 18:33

Tgt Ion: 88 Resp: 819

Ion	Ratio	Lower	Upper
88	100		
43	82.2	22.6	34.0#
58	76.2	58.6	88.0



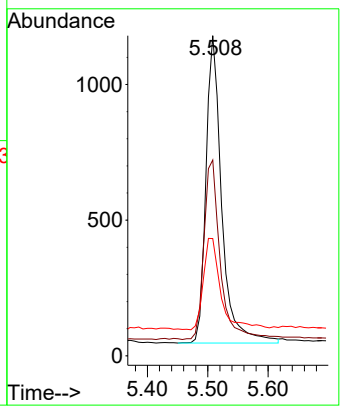


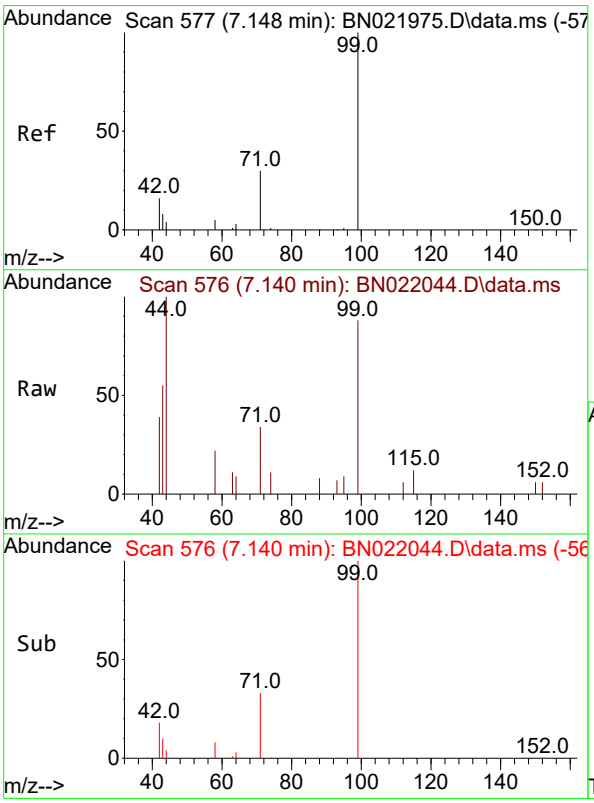
#4
2-Fluorophenol
Concen: 0.223 ng
RT: 5.508 min Scan# 3
Delta R.T. 0.007 min
Lab File: BN022044.D
Acq: 10 Oct 2022 18:33

Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW5-GW-808-810

Tgt Ion:112 Resp: 2064

Ion	Ratio	Lower	Upper
112	100		
64	61.1	46.9	70.3
63	32.7	24.6	37.0

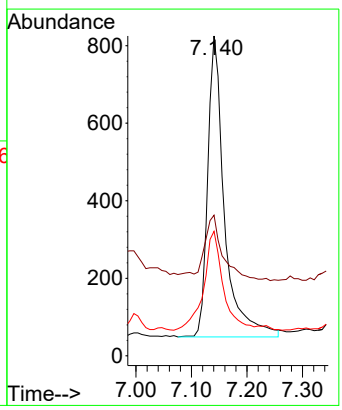


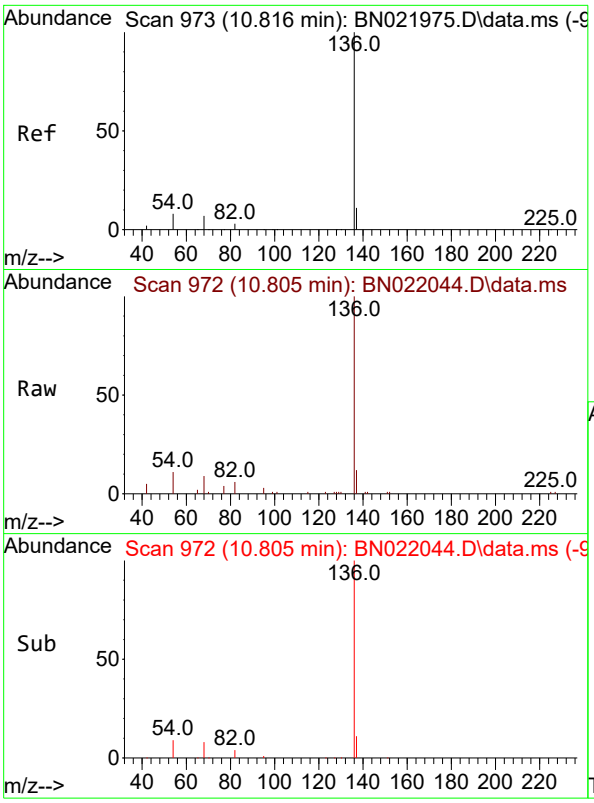


#5
Phenol-d6
Concen: 0.136 ng
RT: 7.140 min Scan# 576
Delta R.T. 0.007 min
Lab File: BN022044.D
Acq: 10 Oct 2022 18:33

Tgt Ion: 99 Resp: 1630

Ion	Ratio	Lower	Upper
99	100		
42	23.1	15.9	23.9
71	38.3	25.6	38.4



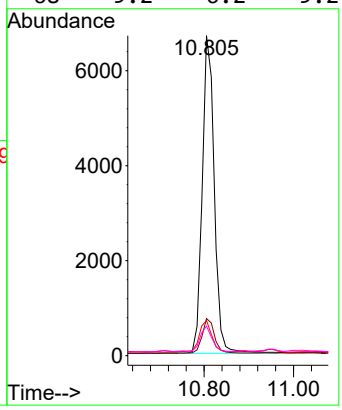


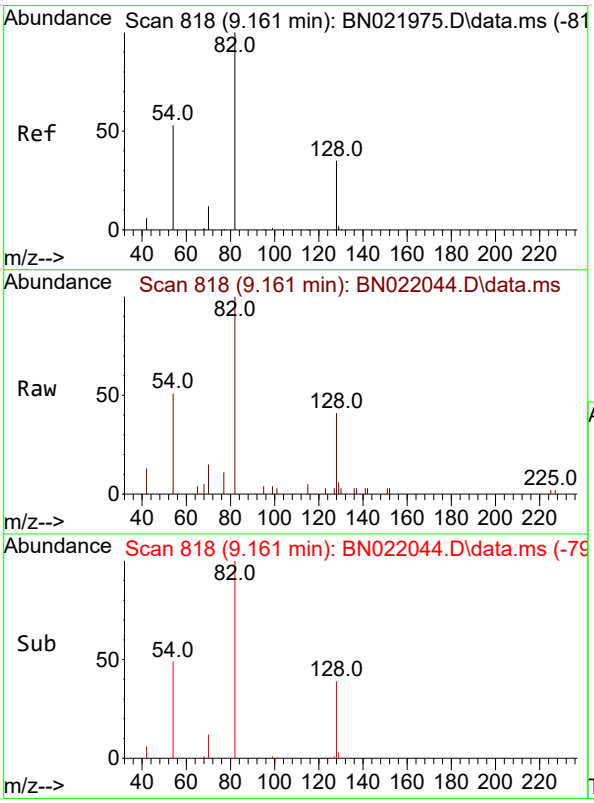
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.805 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN022044.D
Acq: 10 Oct 2022 18:33

Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW5-GW-808-810

Tgt Ion:136 Resp: 12458

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	11.0	7.1	10.7#
68	9.2	6.2	9.2

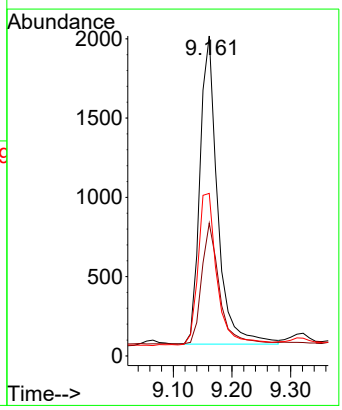


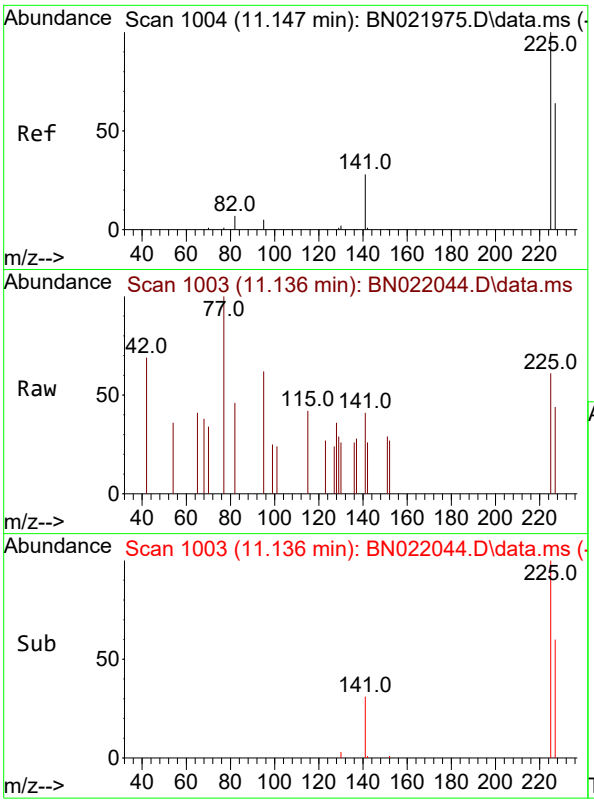


#8
Nitrobenzene-d5
Concen: 0.407 ng
RT: 9.161 min Scan# 818
Delta R.T. 0.011 min
Lab File: BN022044.D
Acq: 10 Oct 2022 18:33

Tgt Ion: 82 Resp: 4073

Ion	Ratio	Lower	Upper
82	100		
128	41.5	29.9	44.9
54	50.8	43.5	65.3



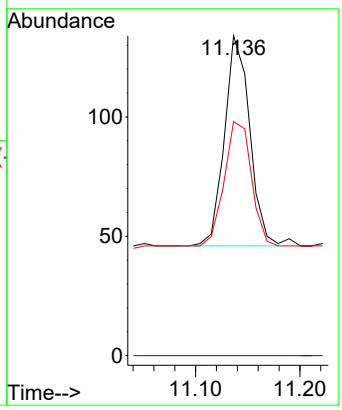


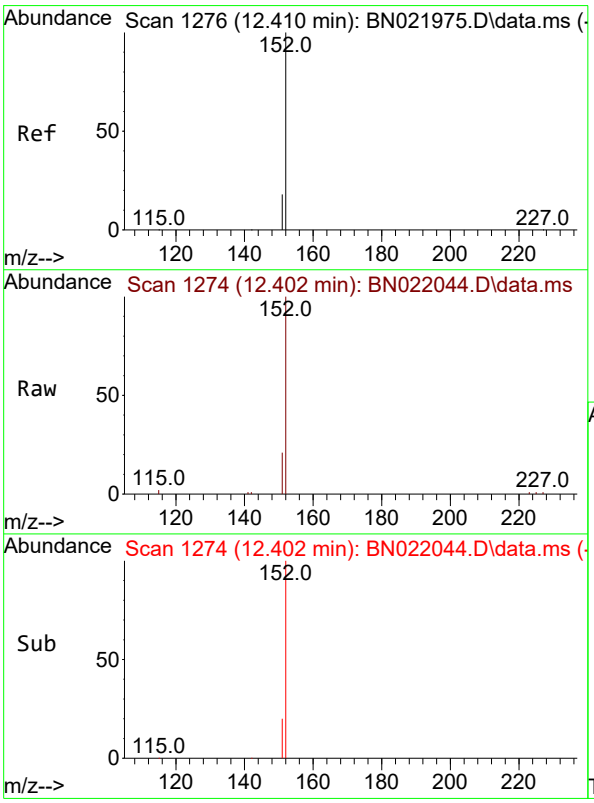
#10
Hexachlorobutadiene
Concen: 0.023 ng
RT: 11.136 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022044.D
Acq: 10 Oct 2022 18:33

Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW5-GW-808-810

Tgt Ion:225 Resp: 147

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.9	51.3	76.9

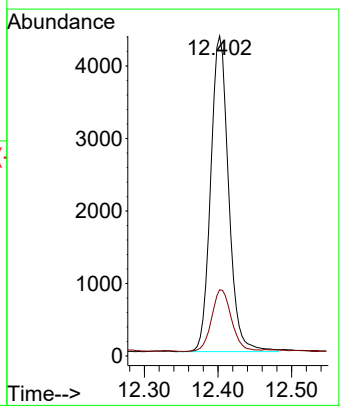


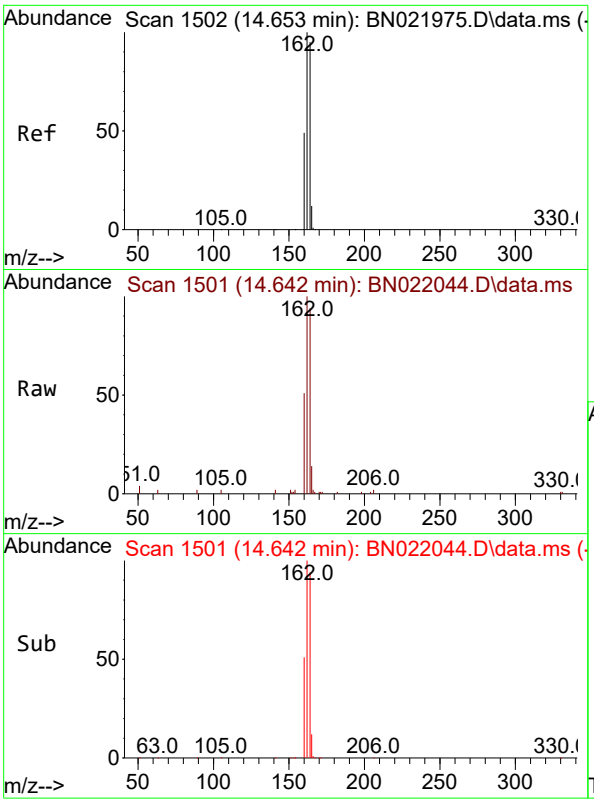


#11
2-Methylnaphthalene-d10
Concen: 0.322 ng
RT: 12.402 min Scan# 1274
Delta R.T. 0.000 min
Lab File: BN022044.D
Acq: 10 Oct 2022 18:33

Tgt Ion:152 Resp: 7367

Ion	Ratio	Lower	Upper
152	100		
151	21.8	13.8	20.6#



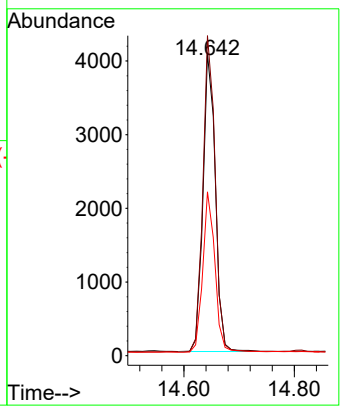


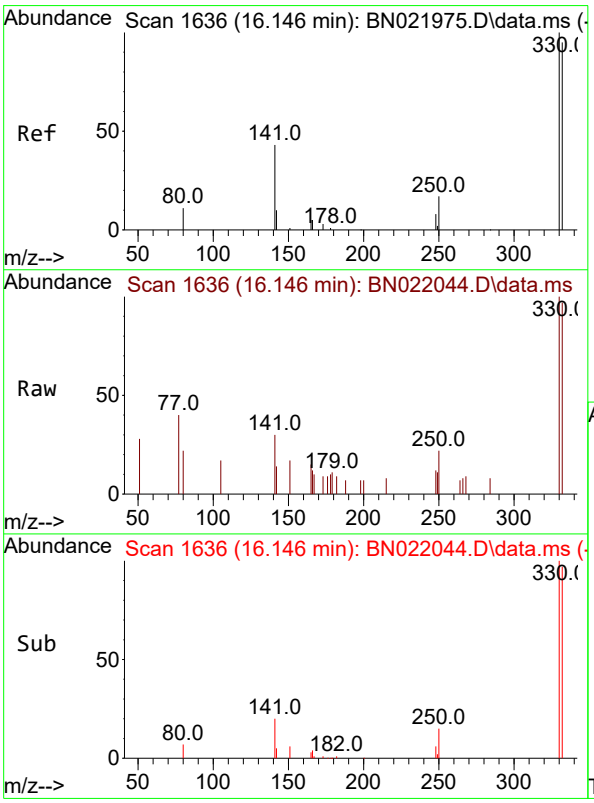
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.642 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022044.D
Acq: 10 Oct 2022 18:33

Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW5-GW-808-810

Tgt Ion:164 Resp: 6340

Ion	Ratio	Lower	Upper
164	100		
162	106.0	84.3	126.5
160	54.3	41.7	62.5

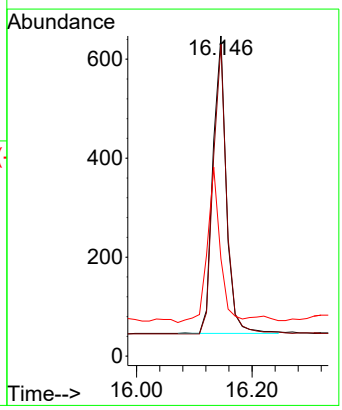


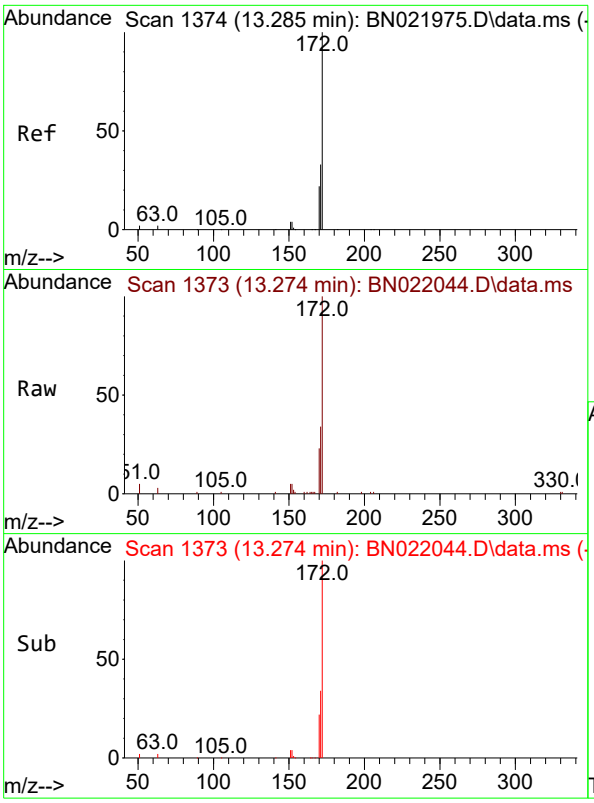


#14
2,4,6-Tribromophenol
Concen: 0.400 ng
RT: 16.146 min Scan# 1636
Delta R.T. 0.000 min
Lab File: BN022044.D
Acq: 10 Oct 2022 18:33

Tgt Ion:330 Resp: 967

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.4
141	50.6	35.3	52.9



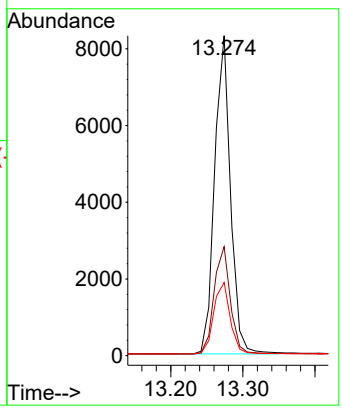


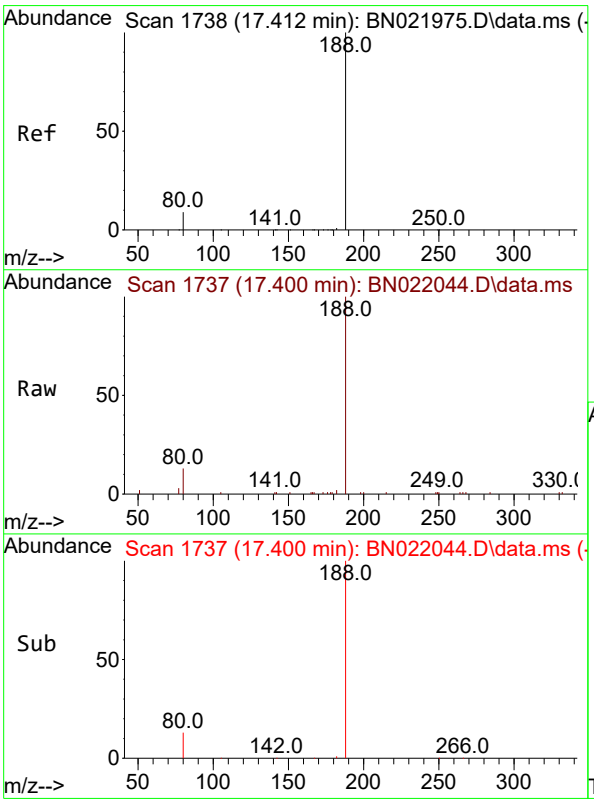
#15
2-Fluorobiphenyl
Concen: 0.457 ng
RT: 13.274 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022044.D
Acq: 10 Oct 2022 18:33

Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW5-GW-808-810

Tgt Ion:172 Resp: 12659

Ion	Ratio	Lower	Upper
172	100		
171	34.1	27.2	40.8
170	22.9	18.3	27.5

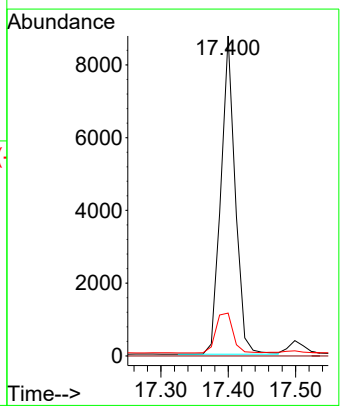


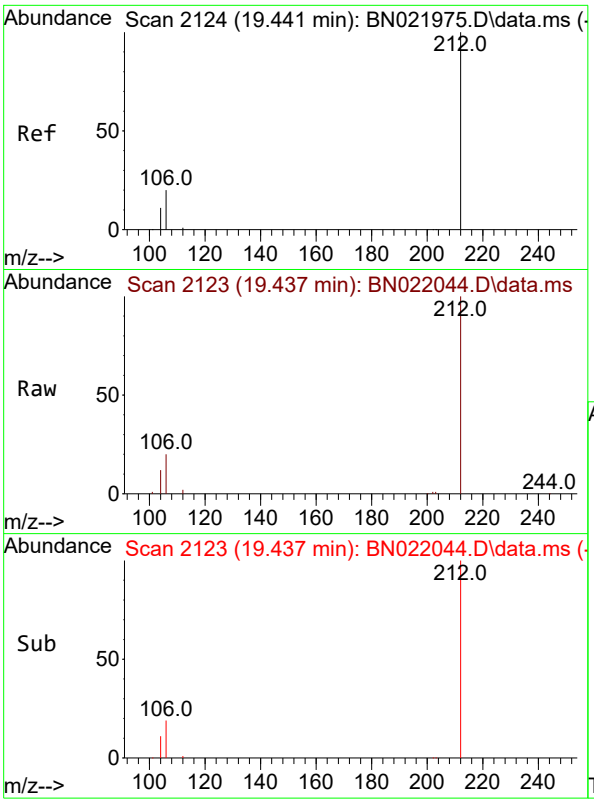


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.400 min Scan# 1737
Delta R.T. 0.000 min
Lab File: BN022044.D
Acq: 10 Oct 2022 18:33

Tgt Ion:188 Resp: 12946

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.4	7.5	11.3#



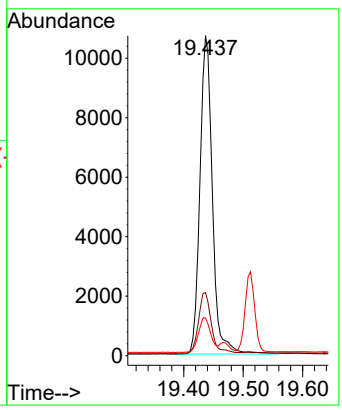


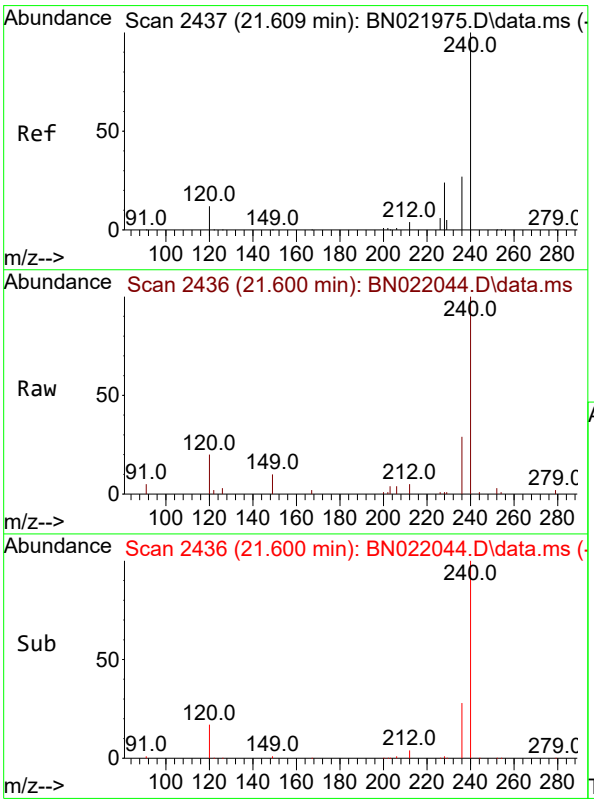
#27
Fluoranthene-d10
Concen: 0.453 ng
RT: 19.437 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN022044.D
Acq: 10 Oct 2022 18:33

Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW5-GW-808-810

Tgt Ion:212 Resp: 15580

Ion	Ratio	Lower	Upper
212	100		
106	19.5	15.2	22.8
104	10.9	8.6	13.0

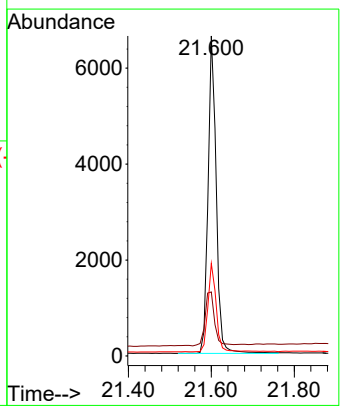


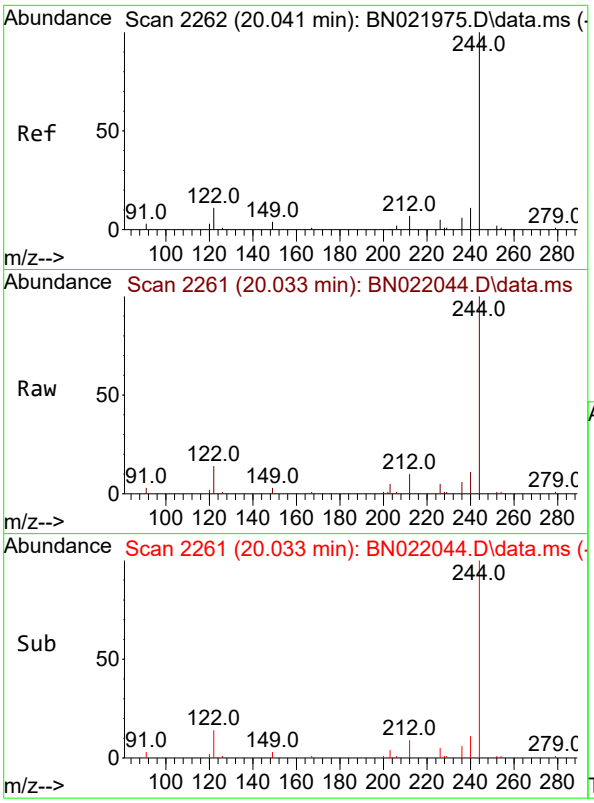


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.600 min Scan# 2436
Delta R.T. -0.009 min
Lab File: BN022044.D
Acq: 10 Oct 2022 18:33

Tgt Ion:240 Resp: 9093

Ion	Ratio	Lower	Upper
240	100		
120	20.0	11.8	17.6#
236	28.9	22.4	33.6



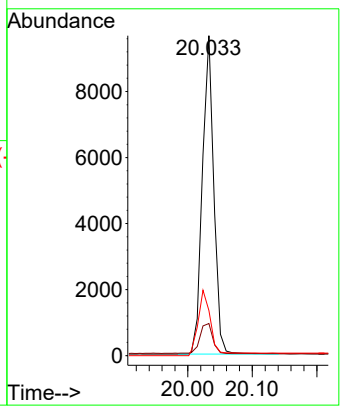


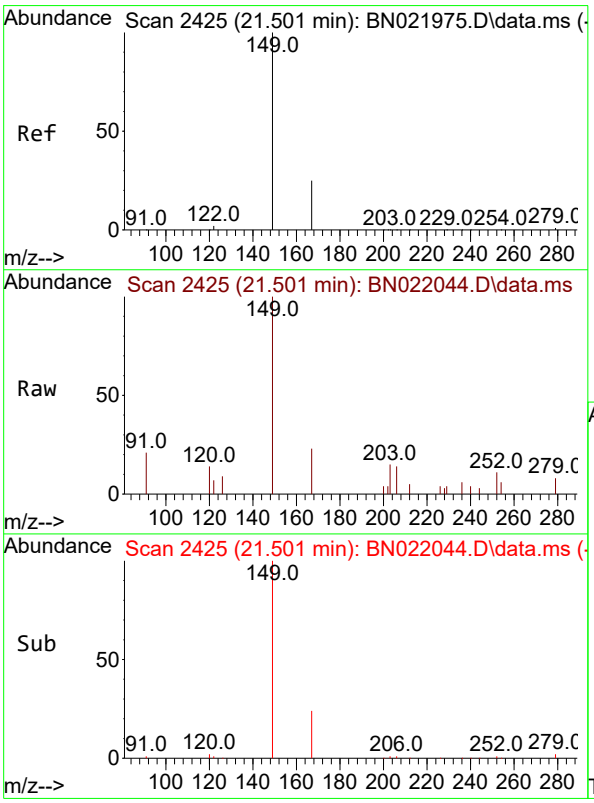
#31
Terphenyl-d14
Concen: 0.560 ng
RT: 20.033 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN022044.D
Acq: 10 Oct 2022 18:33

Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW5-GW-808-810

Tgt Ion:244 Resp: 10234

Ion	Ratio	Lower	Upper
244	100		
212	10.0	6.5	9.7#
122	14.1	9.1	13.7#

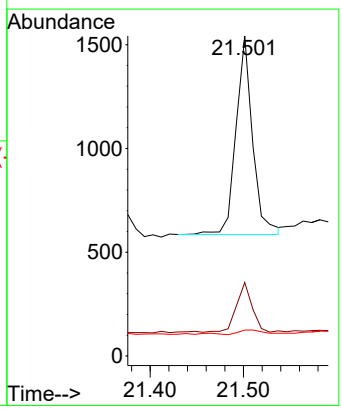


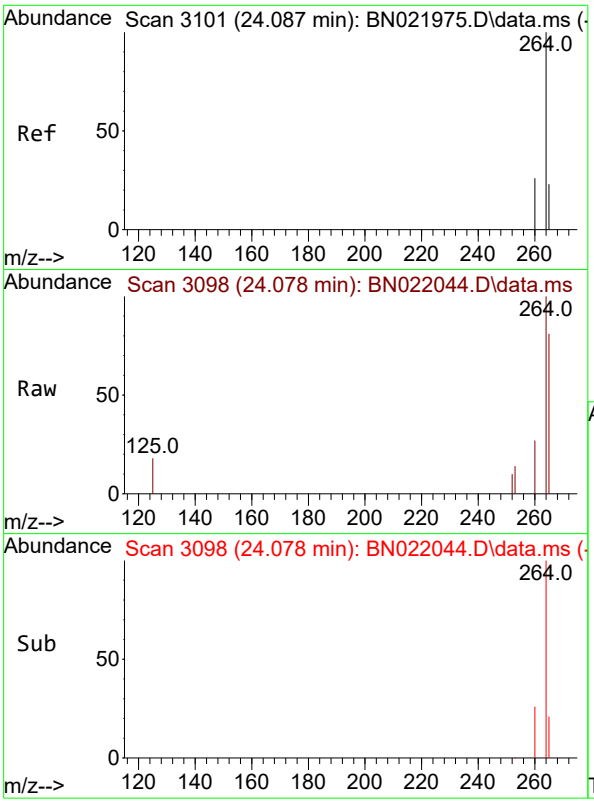


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.073 ng
RT: 21.501 min Scan# 2425
Delta R.T. -0.009 min
Lab File: BN022044.D
Acq: 10 Oct 2022 18:33

Tgt Ion:149 Resp: 1190

Ion	Ratio	Lower	Upper
149	100		
167	24.1	20.2	30.4
279	3.7	2.3	3.5#





#35
Perylene-d12
Concen: 0.400 ng
RT: 24.078 min Scan# 3
Delta R.T. -0.009 min
Lab File: BN022044.D
Acq: 10 Oct 2022 18:33

Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW5-GW-808-810

Tgt Ion:264 Resp: 6375

Ion	Ratio	Lower	Upper
264	100		
260	27.2	21.3	31.9
265	81.3	63.0	94.4