Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050721\
Data File : BN014547.D
Acq On : 07 May 2021 20:59
Operator : CG/JU
Sample : M2251-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BP-VPB-RW8-GW-538-540

Quant Time: May 08 01:12:19 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN050721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 07 17:32:10 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.757	152	647	0.40	ng	# 0.00
7) Naphthalene-d8	10.543	136	2412	0.40	ng	# 0.00
13) Acenaphthene-d10	14.397	164	935	0.40	ng	# 0.00
19) Phenanthrene-d10	17.141	188	3410	0.40	ng	#-0.01
29) Chrysene-d12	21.346	240	2472	0.40	ng	# 0.00
35) Perylene-d12	23.616	264	11	0.40	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.349	112	255	0.14	ng	0.00
5) Phenol-d6	6.919	99	311	0.12	ng	0.00
8) Nitrobenzene-d5	8.895	82	662	0.34	ng	-0.01
11) 2-Methylnaphthalene-d10	12.137	152	1264	0.22	ng	0.00
14) 2,4,6-Tribromophenol	15.894	330	262	0.63	ng	0.00
15) 2-Fluorobiphenyl	13.014	172	2075	0.61	ng	-0.01
27) Fluoranthene-d10	19.183	212	3041	0.21	ng	0.00
31) Terphenyl-d14	19.789	244	4929	0.81	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.319	88	110	0.14	ng	# 38
25) Phenanthrene	17.189	178	292	0.03	ng	# 84
34) Bis(2-ethylhexyl)phtha...	21.271	149	1208	0.45	ng	# 77

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 07 17:32:10 2021
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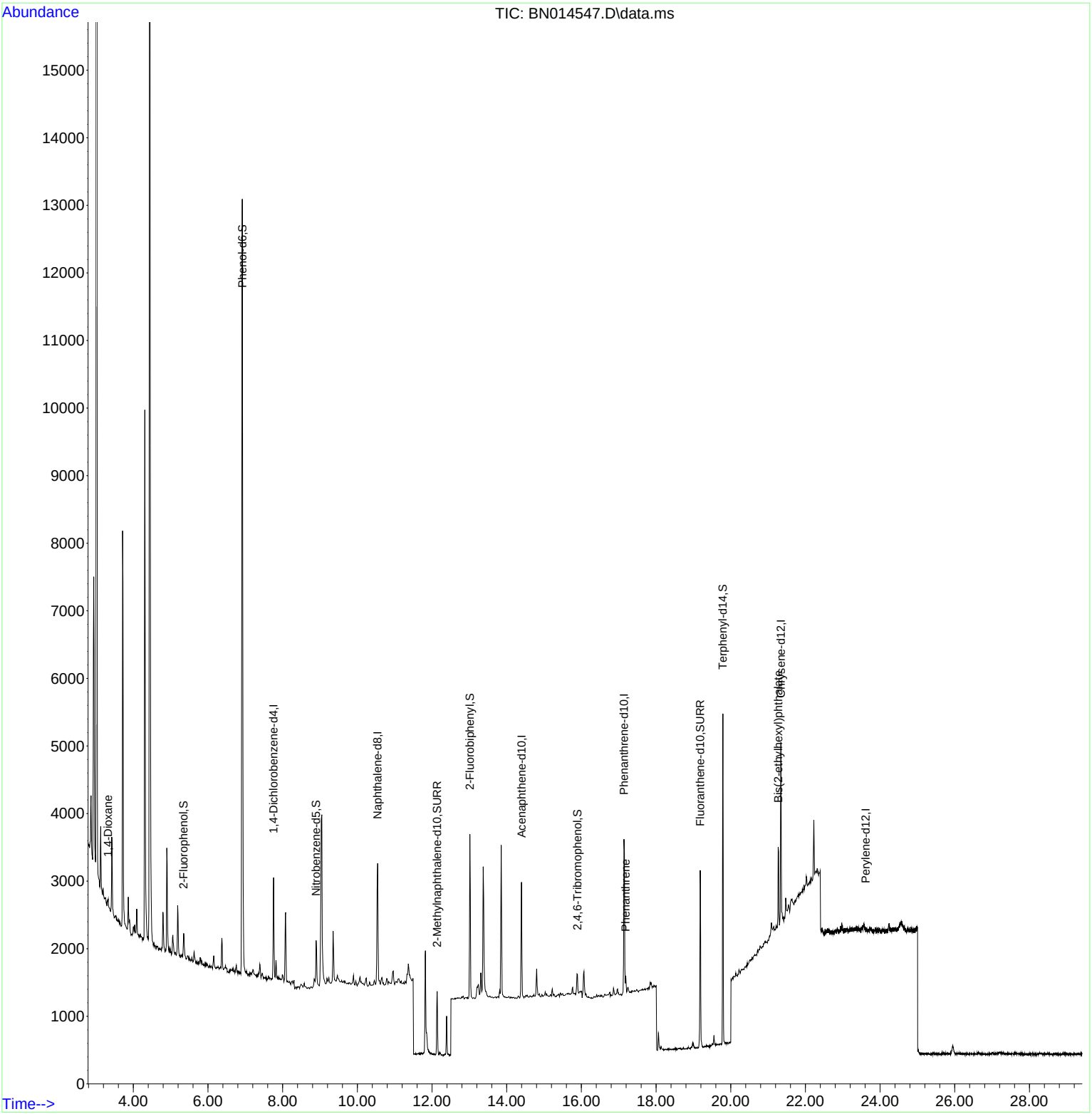
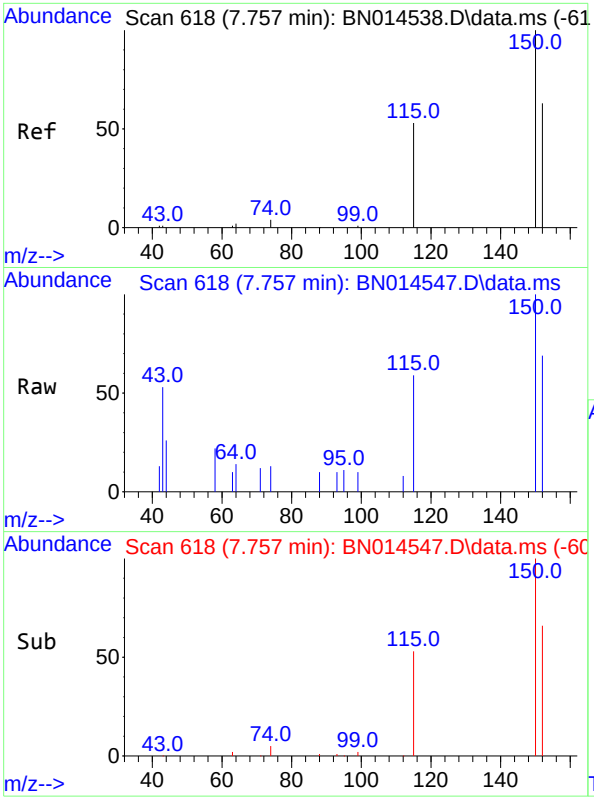


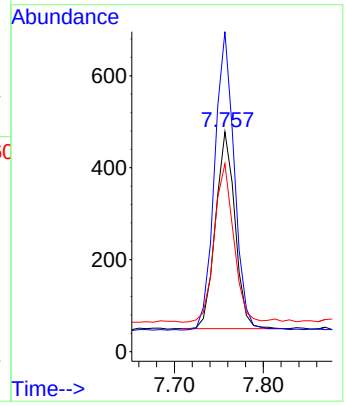
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-538-540

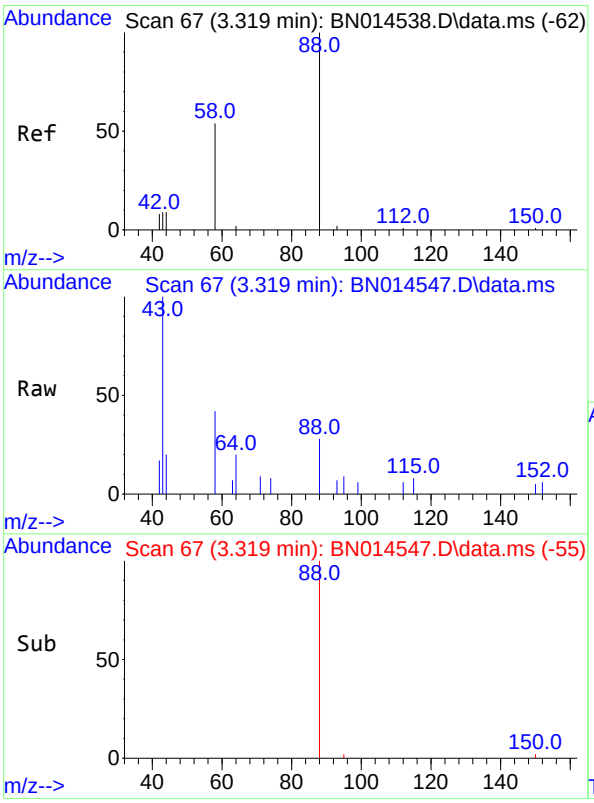


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.757 min Scan# 618
Delta R.T. -0.000 min
Lab File: BN014547.D
Acq: 07 May 2021 20:59

Tgt Ion:152 Resp: 647

Ion	Ratio	Lower	Upper
152	100		
150	145.6	123.8	185.8
115	85.6	47.0	70.4#

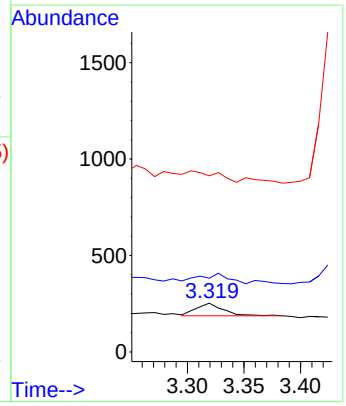




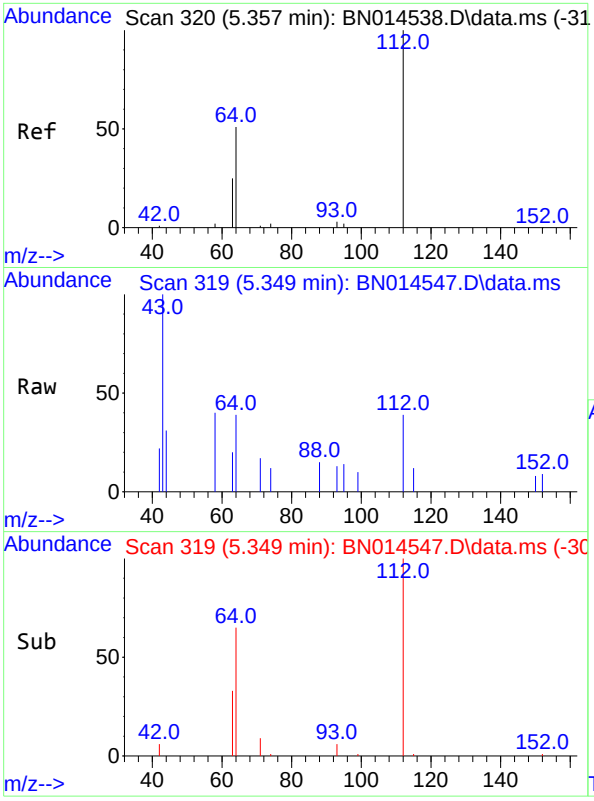
#2
1,4-Dioxane
Concen: 0.14 ng
RT: 3.319 min Scan# 67
Delta R.T. -0.000 min
Lab File: BN014547.D
Acq: 07 May 2021 20:59

Tgt Ion: 88 Resp: 110

Ion	Ratio	Lower	Upper
88	100		
58	105.5	44.4	66.6#
43	0.0	15.9	23.9#



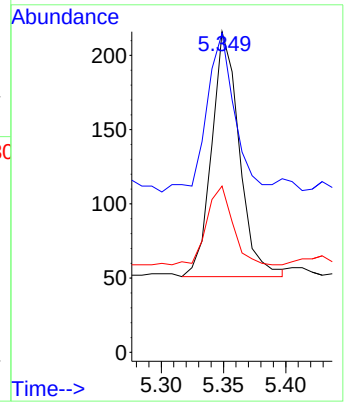
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-538-540

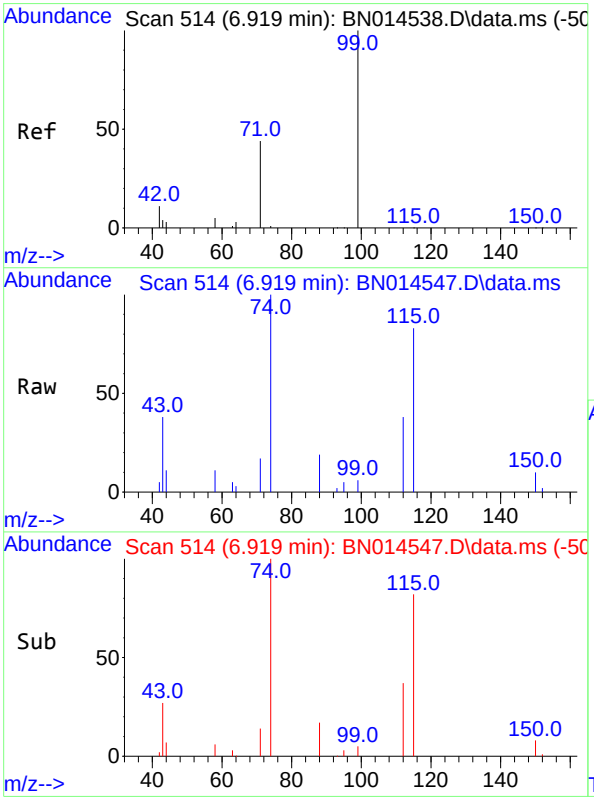


#4
2-Fluorophenol
Concen: 0.14 ng
RT: 5.349 min Scan# 319
Delta R.T. -0.008 min
Lab File: BN014547.D
Acq: 07 May 2021 20:59

Tgt Ion:112 Resp: 255

Ion	Ratio	Lower	Upper
112	100		
64	65.9	41.8	62.6#
63	30.2	22.0	33.0

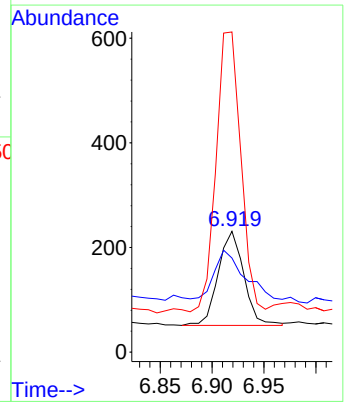




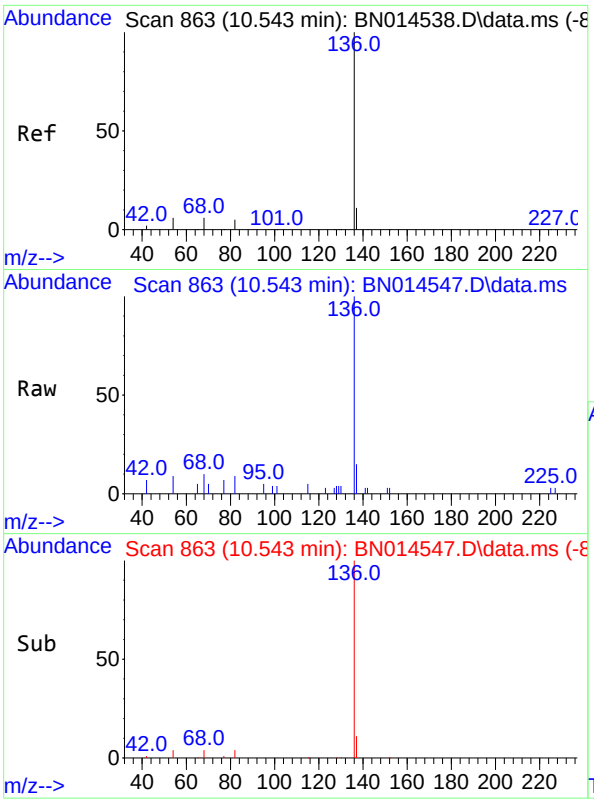
#5
Phenol-d6
Concen: 0.12 ng
RT: 6.919 min Scan# 514
Delta R.T. -0.000 min
Lab File: BN014547.D
Acq: 07 May 2021 20:59

Tgt Ion: 99 Resp: 311

Ion	Ratio	Lower	Upper
99	100		
42	69.1	13.2	19.8#
71	284.9	26.2	39.2#



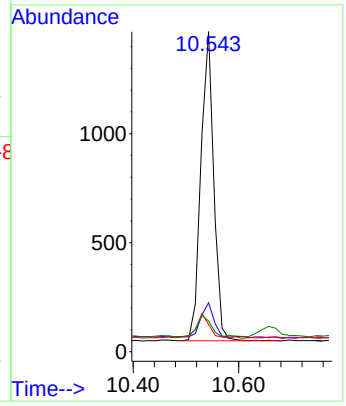
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-538-540

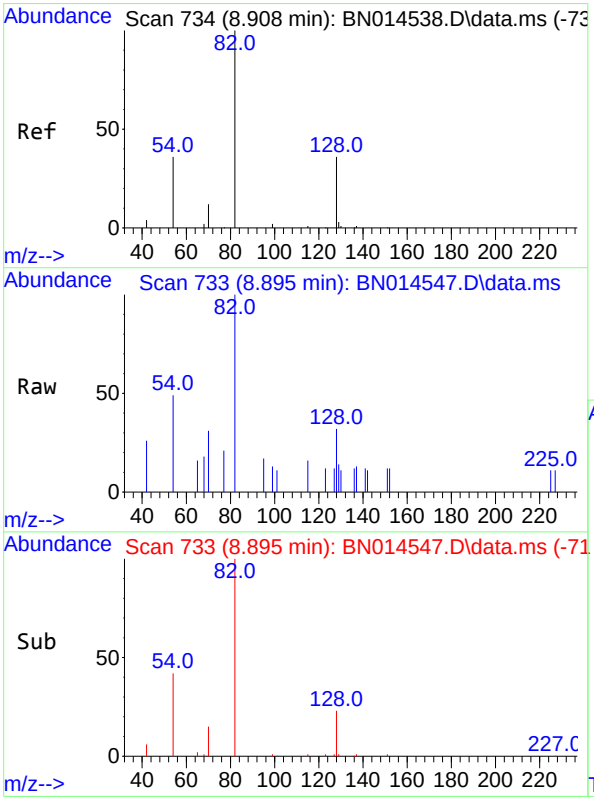


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.543 min Scan# 863
Delta R.T. -0.000 min
Lab File: BN014547.D
Acq: 07 May 2021 20:59

Tgt Ion:136 Resp: 2412

Ion	Ratio	Lower	Upper
136	100		
137	15.3	8.9	13.3#
54	8.5	3.8	5.8#
68	9.6	3.8	5.6#

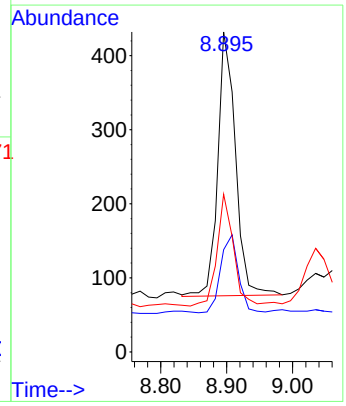




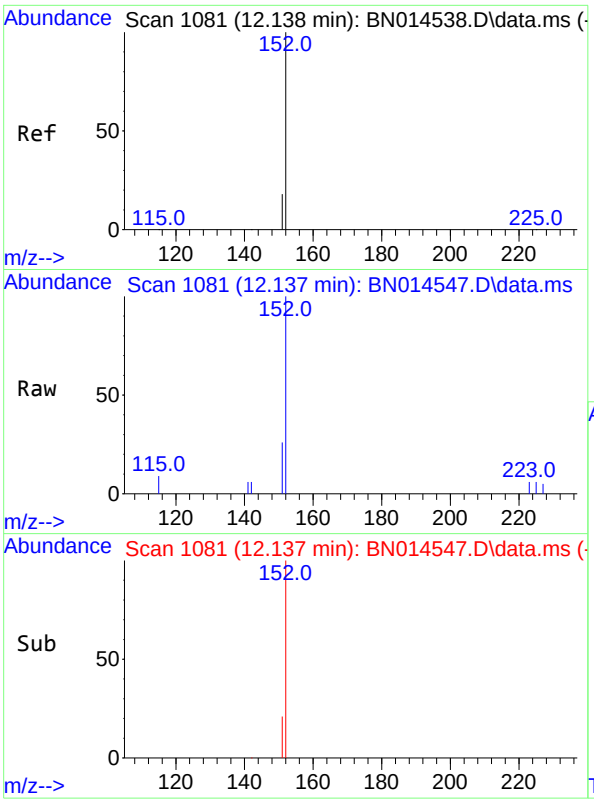
#8
Nitrobenzene-d5
Concen: 0.34 ng
RT: 8.895 min Scan# 733
Delta R.T. -0.013 min
Lab File: BN014547.D
Acq: 07 May 2021 20:59

Tgt Ion: 82 Resp: 662

Ion	Ratio	Lower	Upper
82	100		
128	31.9	29.5	44.3
54	49.3	36.9	55.3



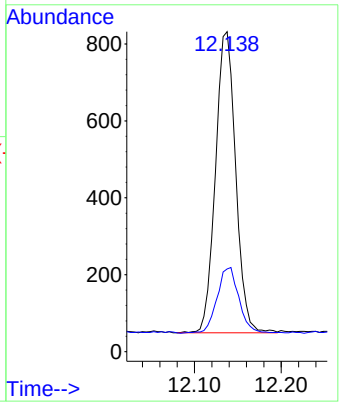
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-538-540

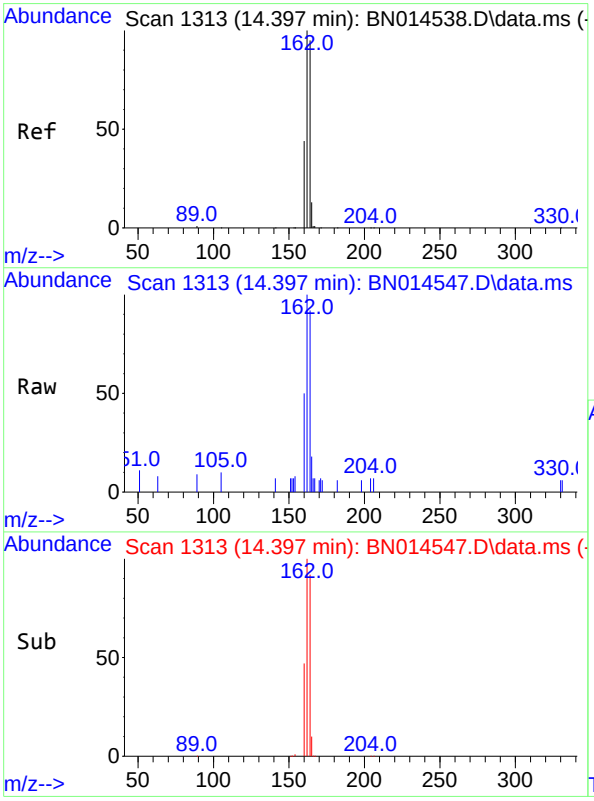


#11
2-Methylnaphthalene-d10
Concen: 0.22 ng
RT: 12.137 min Scan# 1081
Delta R.T. -0.000 min
Lab File: BN014547.D
Acq: 07 May 2021 20:59

Tgt Ion:152 Resp: 1264

Ion	Ratio	Lower	Upper
152	100		
151	23.7	16.2	24.2

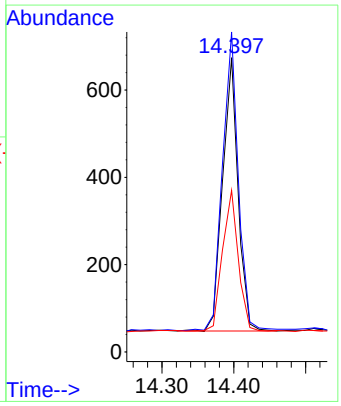




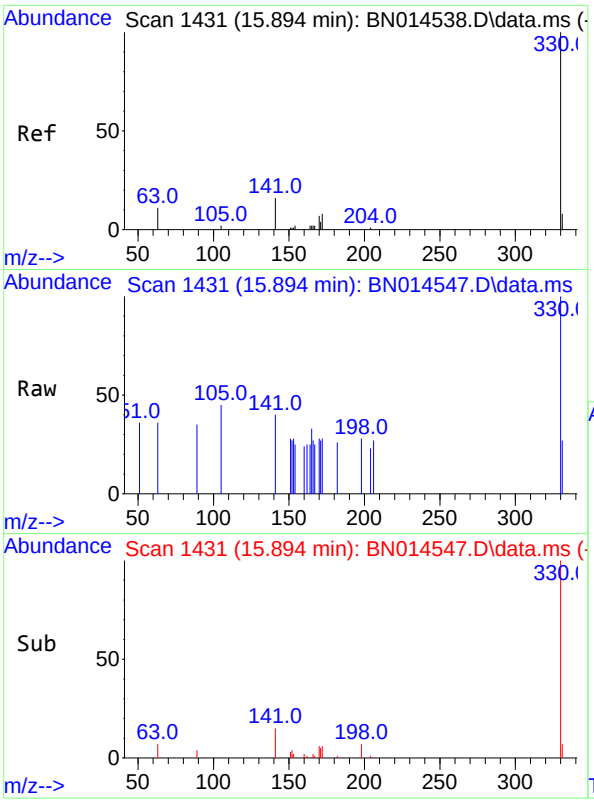
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.397 min Scan# 1313
Delta R.T. -0.000 min
Lab File: BN014547.D
Acq: 07 May 2021 20:59

Tgt Ion:164 Resp: 935

Ion	Ratio	Lower	Upper
164	100		
162	108.8	78.6	118.0
160	54.9	35.8	53.8#



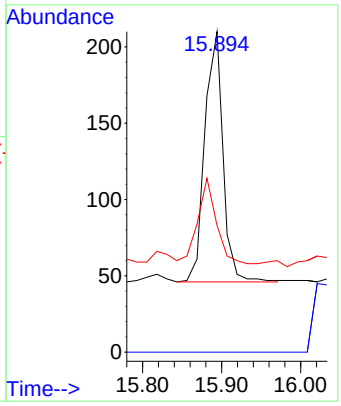
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-538-540

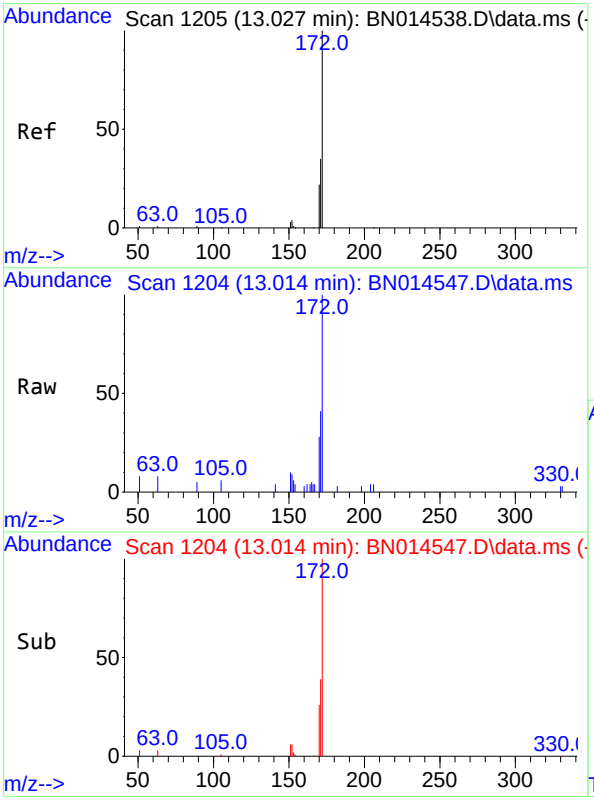


#14
2,4,6-Tribromophenol
Concen: 0.63 ng
RT: 15.894 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BN014547.D
Acq: 07 May 2021 20:59

Tgt Ion:330 Resp: 262

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	35.5	27.0	40.4

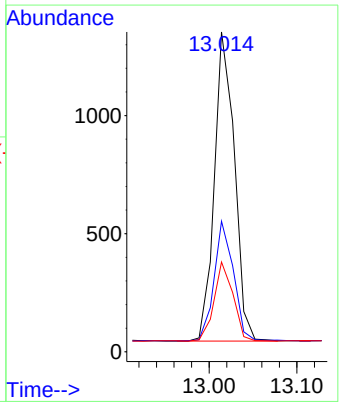




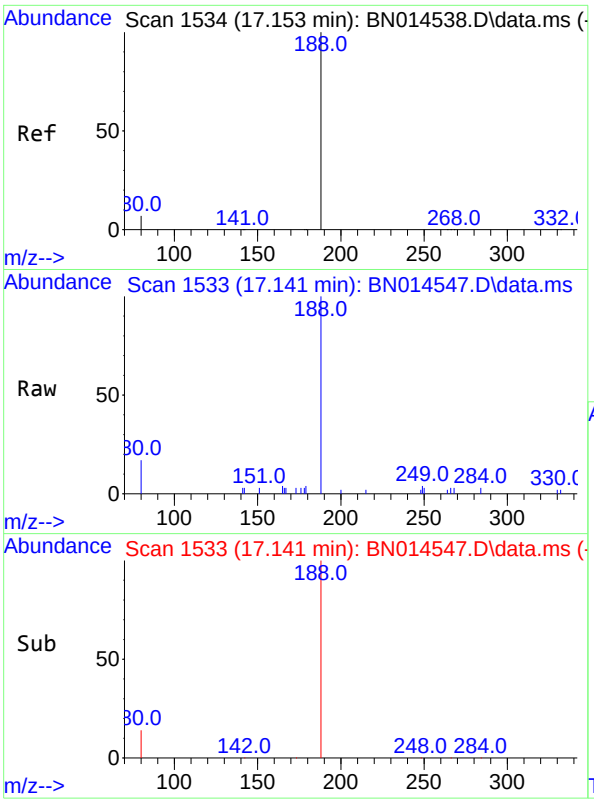
#15
2-Fluorobiphenyl
Concen: 0.61 ng
RT: 13.014 min Scan# 1204
Delta R.T. -0.013 min
Lab File: BN014547.D
Acq: 07 May 2021 20:59

Tgt Ion:172 Resp: 2075

Ion	Ratio	Lower	Upper
172	100		
171	40.8	27.1	40.7#
170	28.1	18.3	27.5#



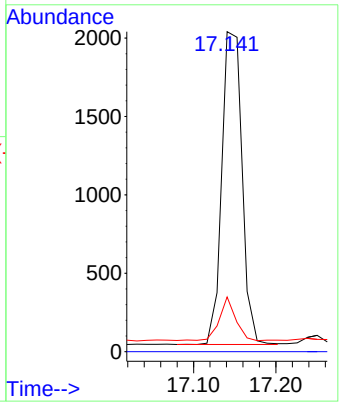
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-538-540

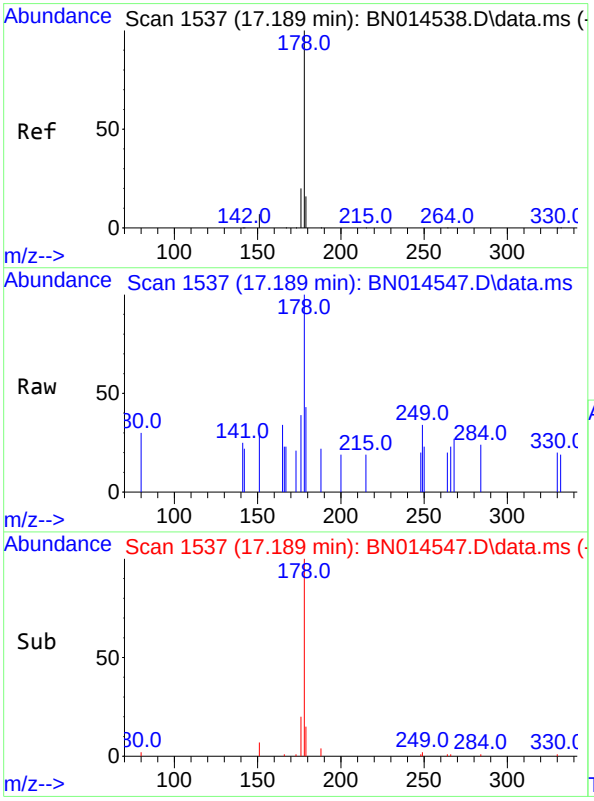


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.141 min Scan# 1533
Delta R.T. -0.012 min
Lab File: BN014547.D
Acq: 07 May 2021 20:59

Tgt Ion:188 Resp: 3410

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	17.1	5.2	7.8#

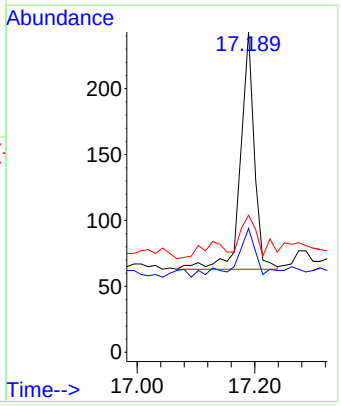


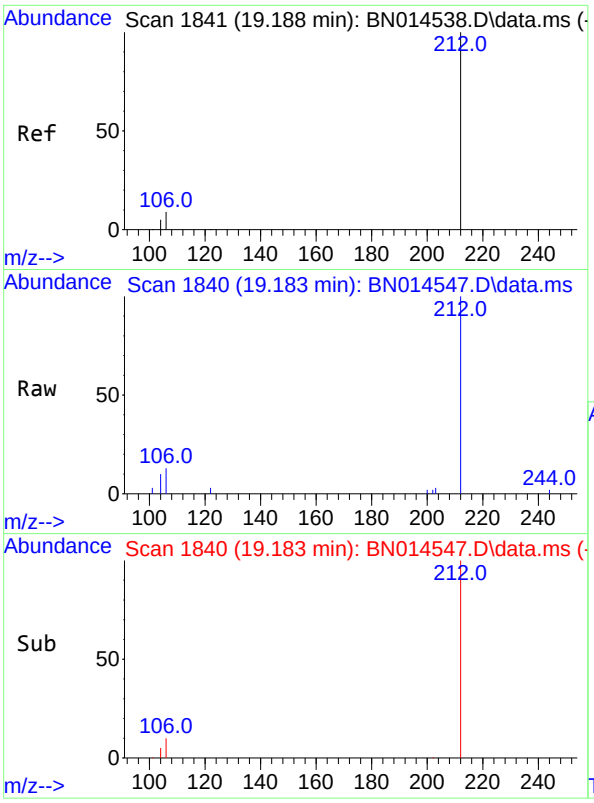


#25
Phenanthrene
Concen: 0.03 ng
RT: 17.189 min Scan# 1537
Delta R.T. -0.000 min
Lab File: BN014547.D
Acq: 07 May 2021 20:59

Tgt Ion:178 Resp: 292

Ion	Ratio	Lower	Upper
178	100		
176	30.5	15.2	22.8#
179	17.5	12.4	18.6

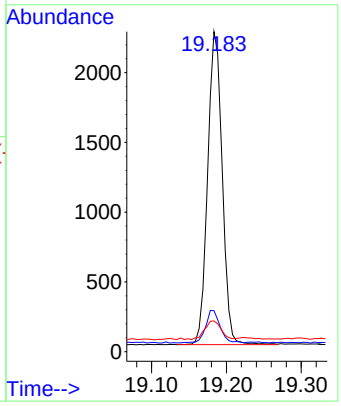




#27
Fluoranthene-d10
Concen: 0.21 ng
RT: 19.183 min Scan# 1840
Delta R.T. -0.005 min
Lab File: BN014547.D
Acq: 07 May 2021 20:59

Tgt Ion:212 Resp: 3041

Ion	Ratio	Lower	Upper
212	100		
106	10.3	10.1	15.1
104	6.8	5.4	8.2



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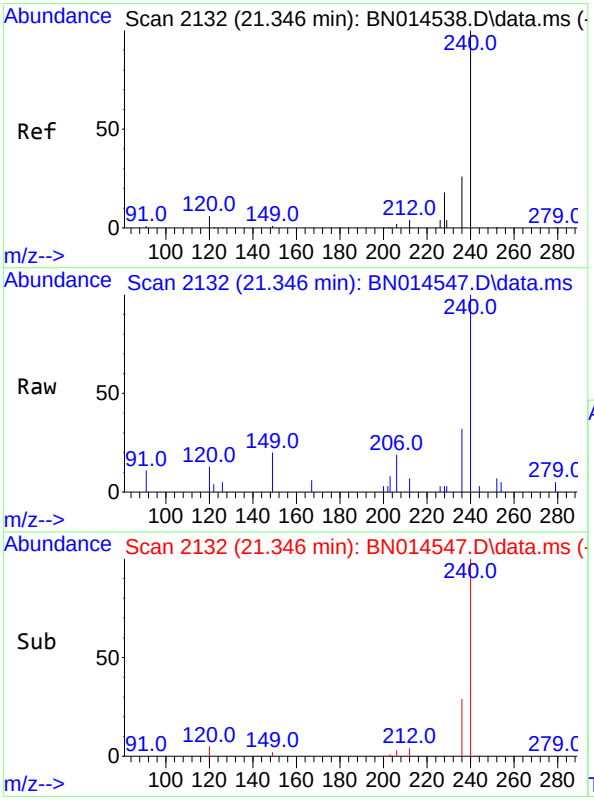
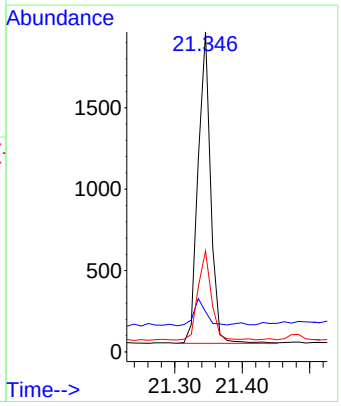
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-538-540



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.346 min Scan# 2132
Delta R.T. -0.000 min
Lab File: BN014547.D
Acq: 07 May 2021 20:59

Tgt Ion:240 Resp: 2472

Ion	Ratio	Lower	Upper
240	100		
120	12.6	5.8	8.8#
236	31.6	20.6	30.8#



Instrument :
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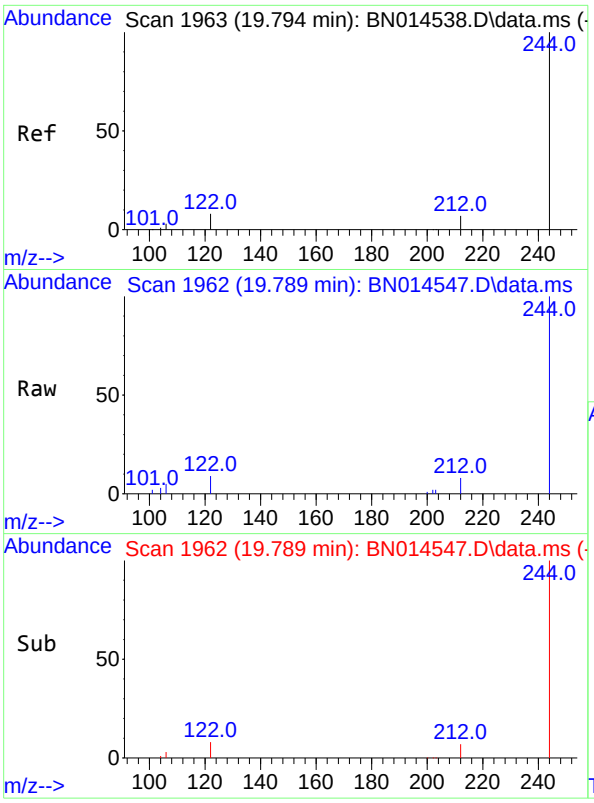
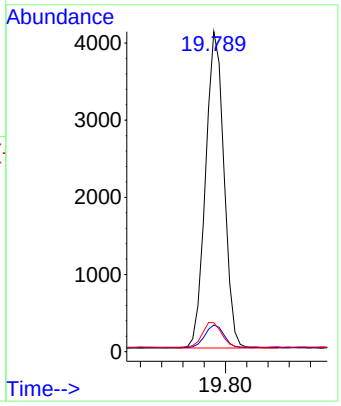
BP-VPB-RW8-GW-538-540

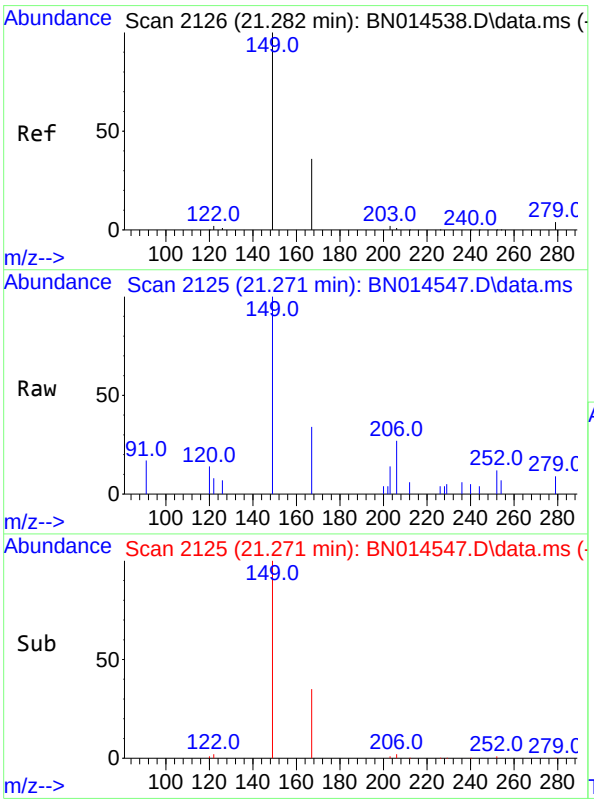


#31
Terphenyl-d14
Concen: 0.81 ng
RT: 19.789 min Scan# 1962
Delta R.T. -0.005 min
Lab File: BN014547.D
Acq: 07 May 2021 20:59

Tgt Ion:244 Resp: 4929

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.0	9.0
122	9.0	9.3	13.9#

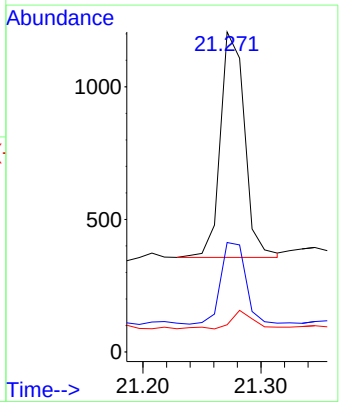


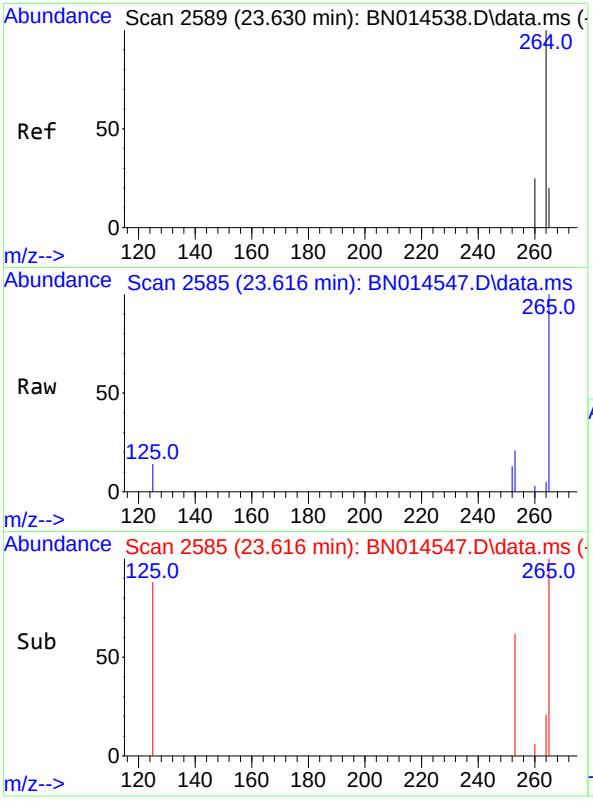


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.45 ng
RT: 21.271 min Scan# 2125
Delta R.T. -0.011 min
Lab File: BN014547.D
Acq: 07 May 2021 20:59

Tgt Ion:149 Resp: 1208

Ion	Ratio	Lower	Upper
149	100		
167	38.0	20.5	30.7#
279	7.5	2.9	4.3#

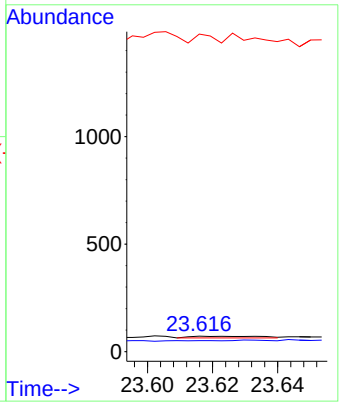




#35
Perylene-d12
Concen: 0.40 ng
RT: 23.616 min Scan# 2585
Delta R.T. -0.014 min
Lab File: BN014547.D
Acq: 07 May 2021 20:59

Tgt Ion:264 Resp: 11

Ion	Ratio	Lower	Upper
264	100		
260	70.8	19.5	29.3#
265	2051.4	35.4	53.0#



Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-538-540