Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031723\
Data File : BN024364.D
Acq On : 18 Mar 2023 02:13
Operator : CG/JU
Sample : 01879-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE122D1-20230308

Quant Time: Mar 18 03:01:44 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	8736	0.400	ng	0.00
7) Naphthalene-d8	10.855	136	26592	0.400	ng	0.00
13) Acenaphthene-d10	14.672	164	12669	0.400	ng	0.00
19) Phenanthrene-d10	17.409	188	25800	0.400	ng	# 0.00
29) Chrysene-d12	21.601	240	16580	0.400	ng	0.00
35) Perylene-d12	24.085	264	12400	0.400	ng	#-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.584	112	2182	0.113	ng	0.00
5) Phenol-d6	7.188	99	1575	0.063	ng	0.00
8) Nitrobenzene-d5	9.201	82	6085	0.342	ng	0.00
11) 2-Methylnaphthalene-d10	12.437	152	10844	0.332	ng	0.00
14) 2,4,6-Tribromophenol	16.155	330	1512	0.233	ng	0.00
15) 2-Fluorobiphenyl	13.303	172	18178	0.380	ng	0.00
27) Fluoranthene-d10	19.442	212	21518	0.393	ng	0.00
31) Terphenyl-d14	20.034	244	12101	0.433	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.432	88	26547	2.793	ng	97
34) Bis(2-ethylhexyl)phtha...	21.494	149	2289	0.088	ng	# 96

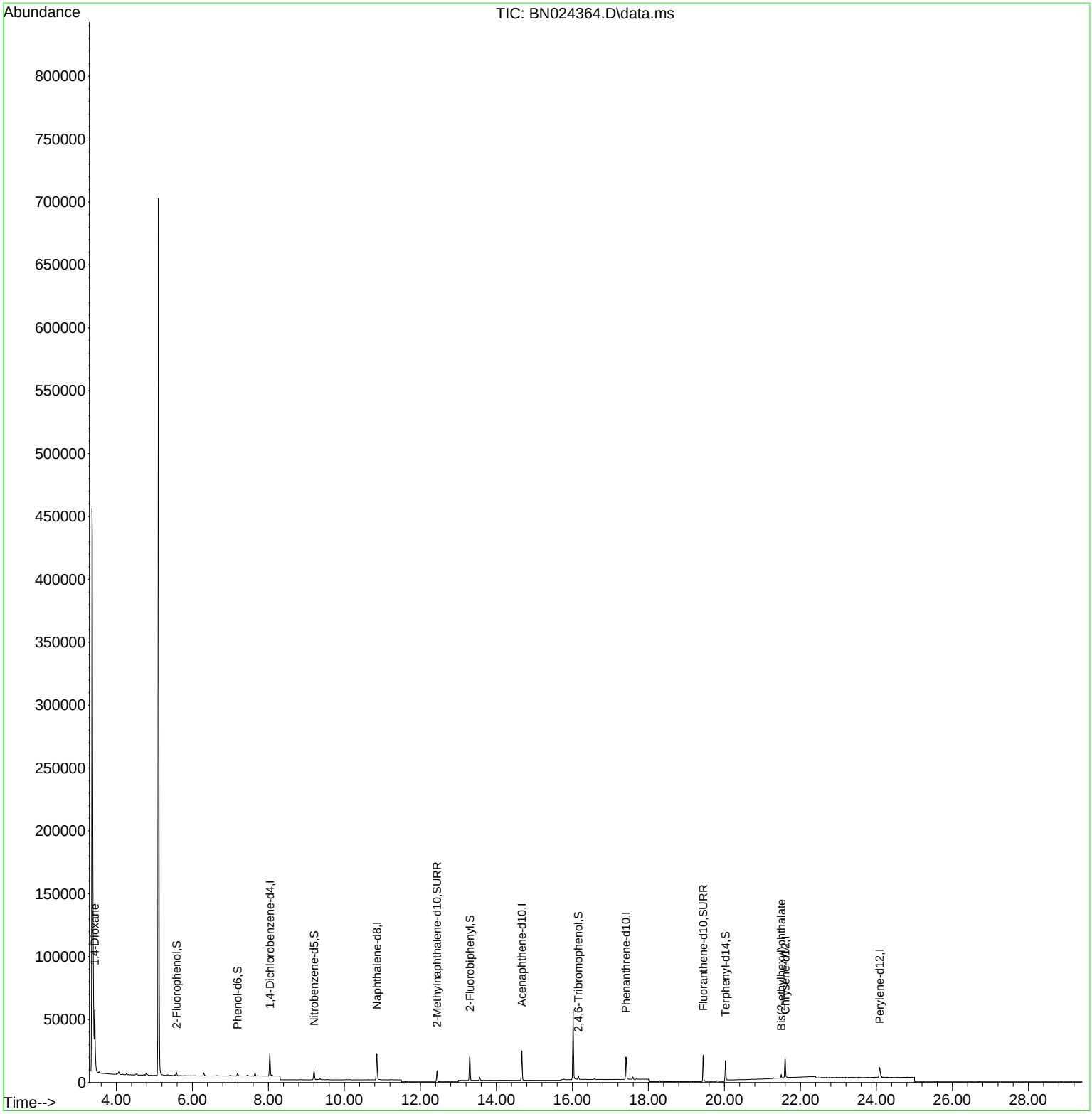
(#) = qualifier out of range (m) = manual integration (+) = signals summed

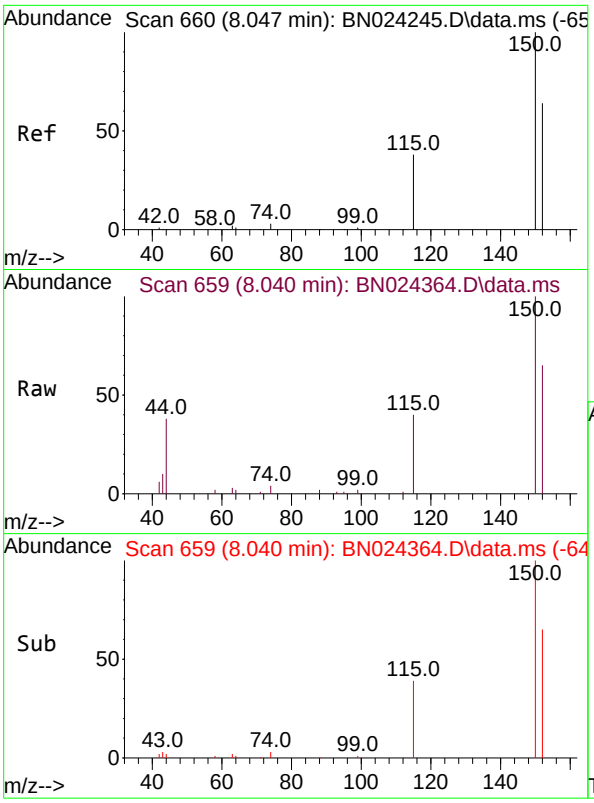
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031723\
Data File : BN024364.D
Acq On : 18 Mar 2023 02:13
Operator : CG/JU
Sample : 01879-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE122D1-20230308

Quant Time: Mar 18 03:01:44 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



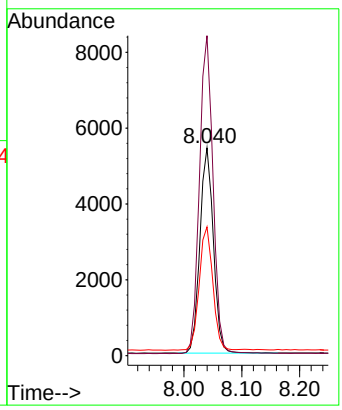


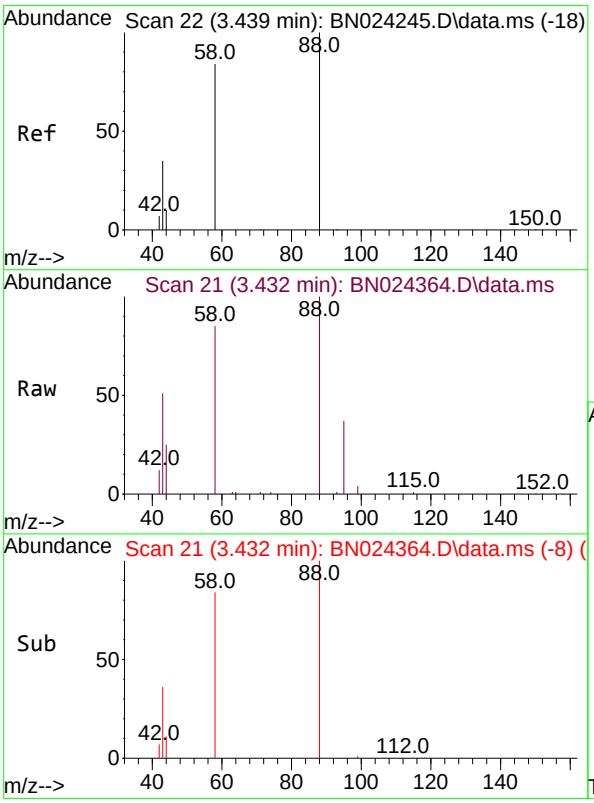
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.040 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN024364.D
Acq: 18 Mar 2023 02:13

Instrument :
BNA_N
ClientSampleId :
RE122D1-20230308

Tgt Ion:152 Resp: 8736

Ion	Ratio	Lower	Upper
152	100		
150	154.0	124.7	187.1
115	62.0	49.1	73.7

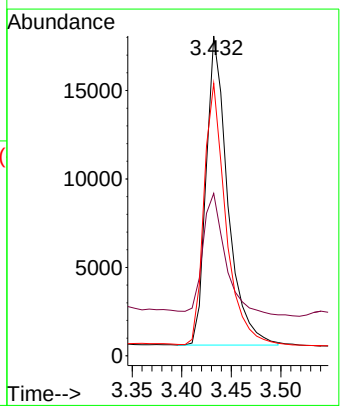


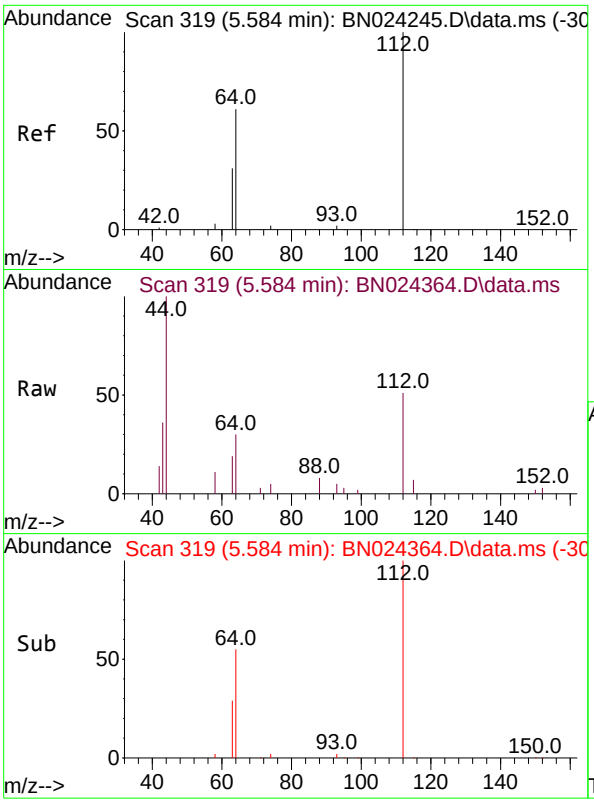


#2
1,4-Dioxane
Concen: 2.793 ng
RT: 3.432 min Scan# 21
Delta R.T. -0.007 min
Lab File: BN024364.D
Acq: 18 Mar 2023 02:13

Tgt Ion: 88 Resp: 26547

Ion	Ratio	Lower	Upper
88	100		
43	40.7	29.0	43.4
58	84.4	67.3	100.9



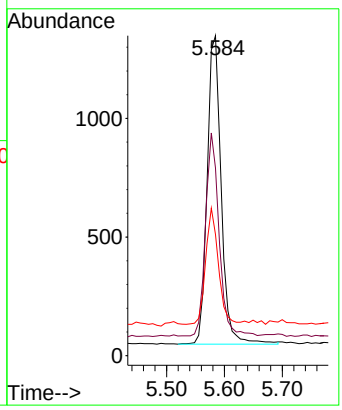


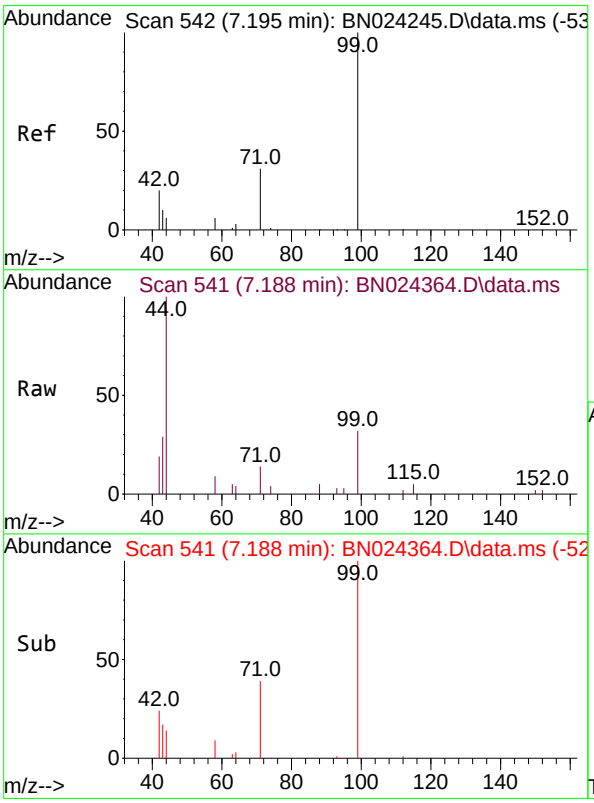
#4
2-Fluorophenol
Concen: 0.113 ng
RT: 5.584 min Scan# 31
Delta R.T. 0.007 min
Lab File: BN024364.D
Acq: 18 Mar 2023 02:13

Instrument :
BNA_N
ClientSampleId :
RE122D1-20230308

Tgt Ion:112 Resp: 2182

Ion	Ratio	Lower	Upper
112	100		
64	63.1	49.0	73.6
63	34.3	25.7	38.5

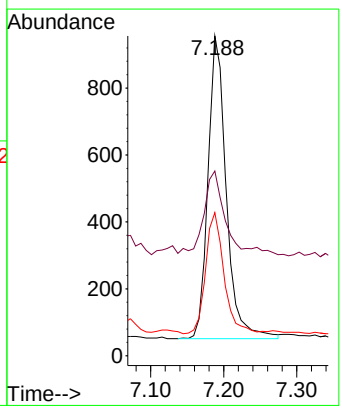


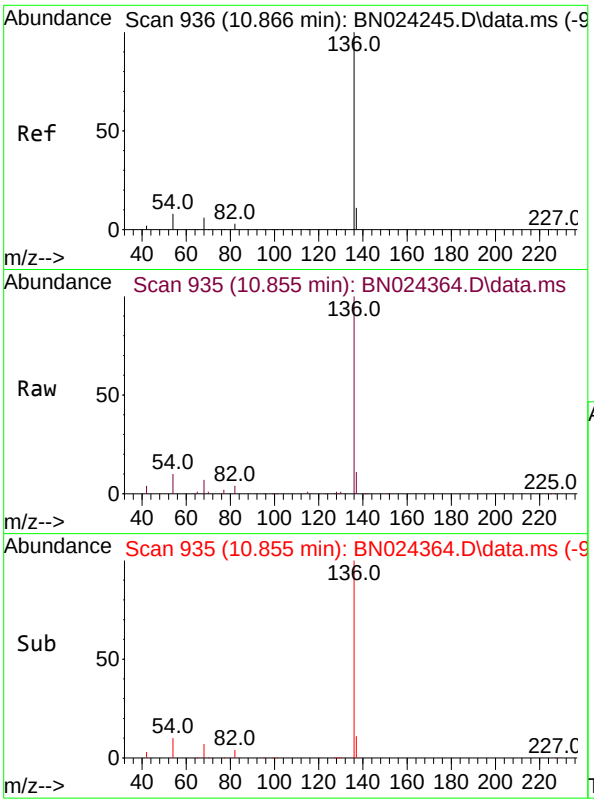


#5
Phenol-d6
Concen: 0.063 ng
RT: 7.188 min Scan# 541
Delta R.T. 0.000 min
Lab File: BN024364.D
Acq: 18 Mar 2023 02:13

Tgt Ion: 99 Resp: 1575

Ion	Ratio	Lower	Upper
99	100		
42	33.1	20.1	30.1#
71	40.4	25.8	38.8#



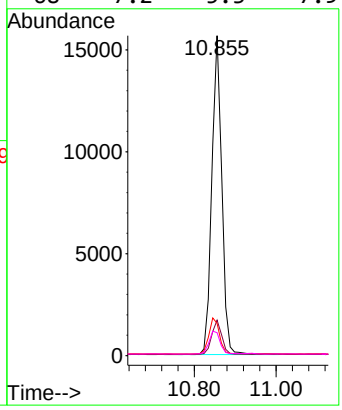


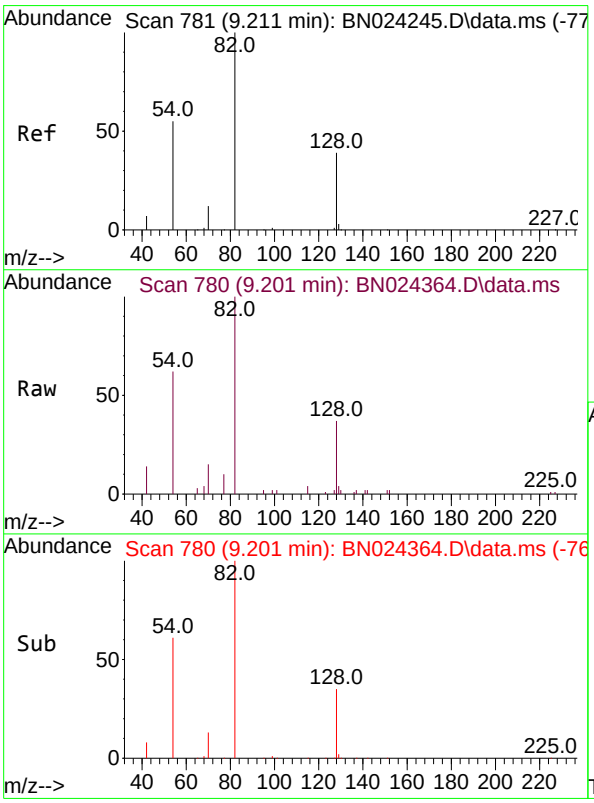
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.855 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN024364.D
Acq: 18 Mar 2023 02:13

Instrument :
BNA_N
ClientSampleId :
RE122D1-20230308

Tgt Ion:136 Resp: 26592

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	10.1	7.1	10.7
68	7.2	5.3	7.9

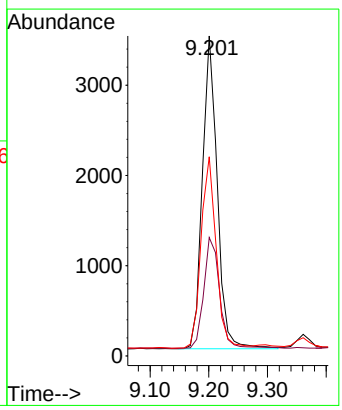


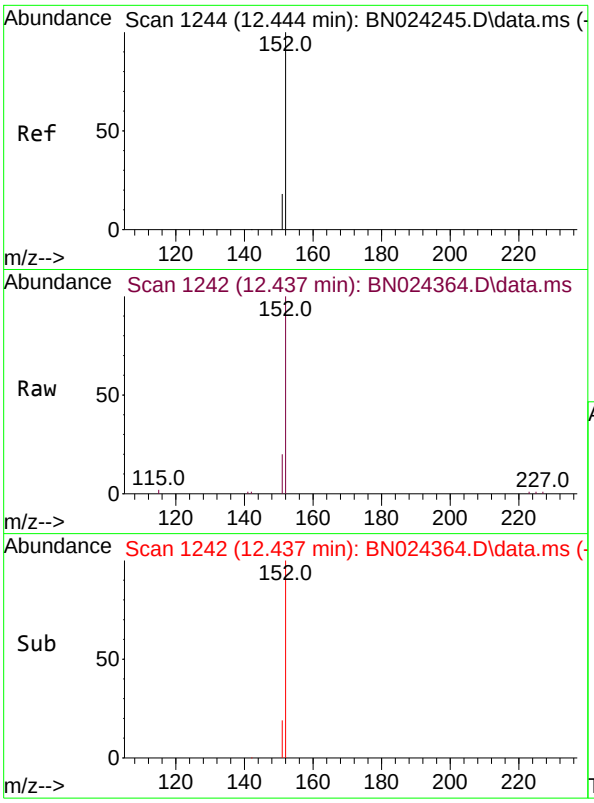


#8
Nitrobenzene-d5
Concen: 0.342 ng
RT: 9.201 min Scan# 780
Delta R.T. 0.000 min
Lab File: BN024364.D
Acq: 18 Mar 2023 02:13

Tgt Ion: 82 Resp: 6085

Ion	Ratio	Lower	Upper
82	100		
128	37.0	32.4	48.6
54	62.2	45.2	67.8



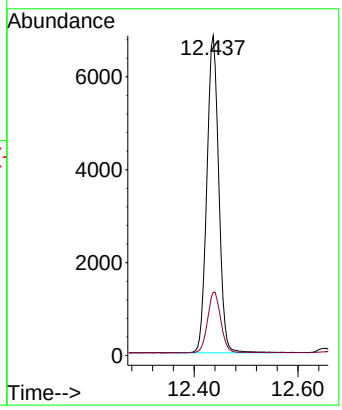


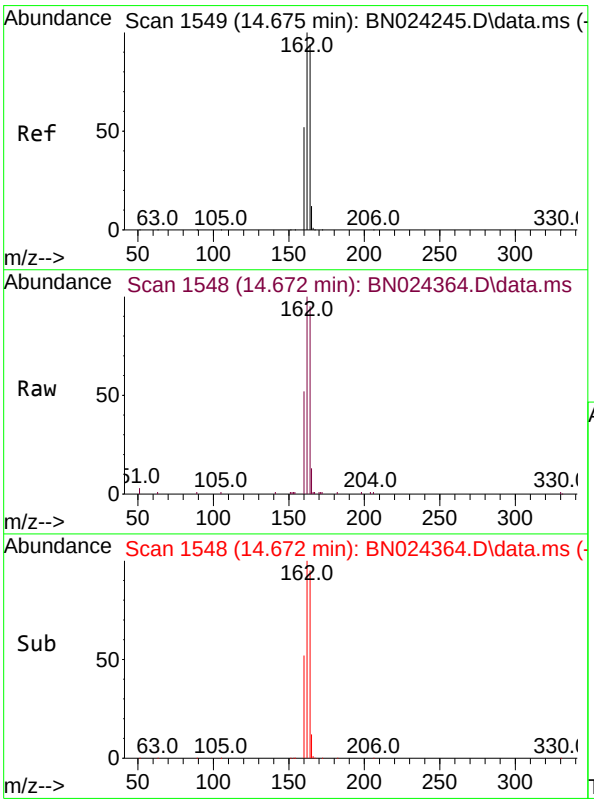
#11
2-Methylnaphthalene-d10
Concen: 0.332 ng
RT: 12.437 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN024364.D
Acq: 18 Mar 2023 02:13

Instrument :
BNA_N
ClientSampleId :
RE122D1-20230308

Tgt Ion:152 Resp: 10844

Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.8	25.2

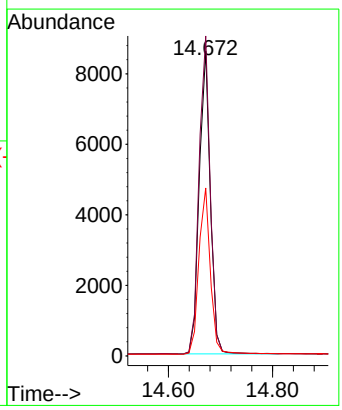


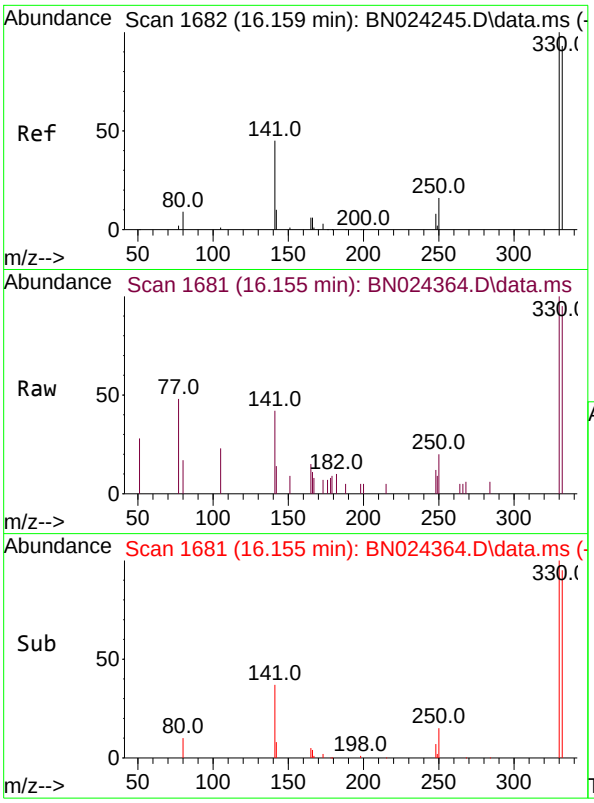


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.672 min Scan# 1548
Delta R.T. -0.004 min
Lab File: BN024364.D
Acq: 18 Mar 2023 02:13

Tgt Ion:164 Resp: 12669

Ion	Ratio	Lower	Upper
164	100		
162	105.0	84.7	127.1
160	55.1	44.6	66.8



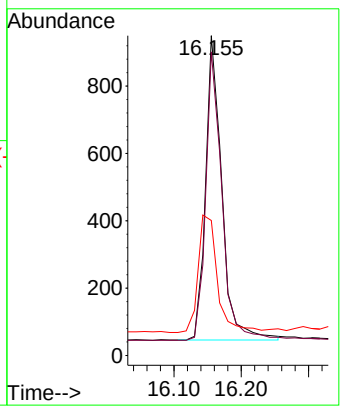


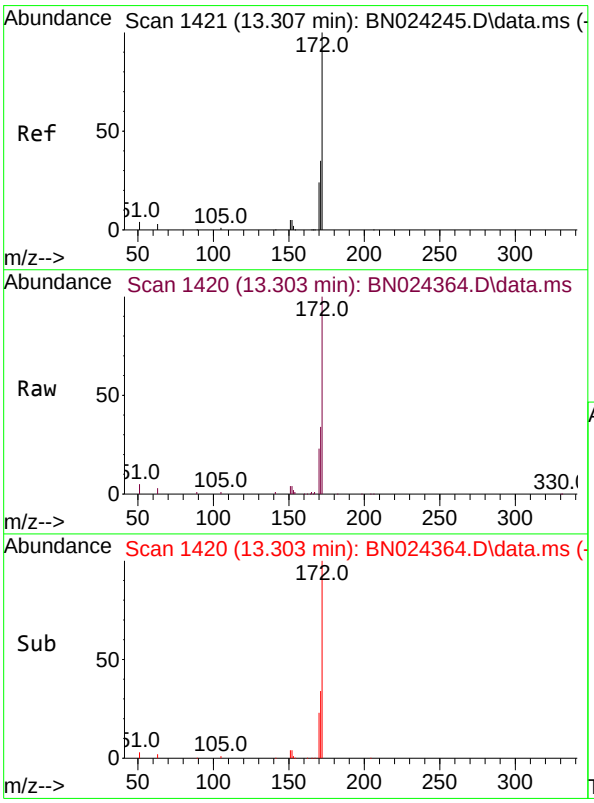
#14
2,4,6-Tribromophenol
Concen: 0.233 ng
RT: 16.155 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN024364.D
Acq: 18 Mar 2023 02:13

Instrument :
BNA_N
ClientSampleId :
RE122D1-20230308

Tgt Ion:330 Resp: 1512

Ion	Ratio	Lower	Upper
330	100		
332	93.8	78.0	117.0
141	46.2	30.8	46.2

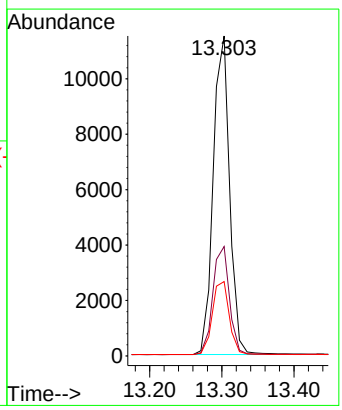


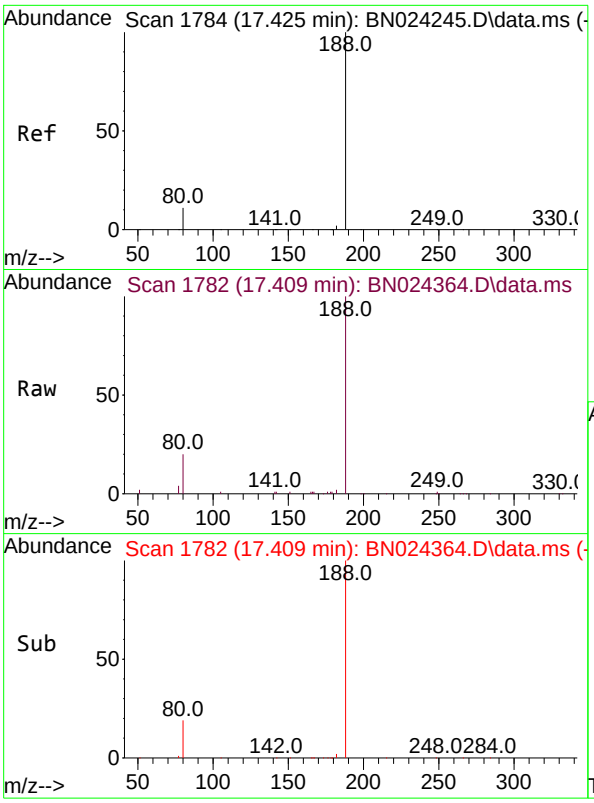


#15
2-Fluorobiphenyl
Concen: 0.380 ng
RT: 13.303 min Scan# 1420
Delta R.T. -0.004 min
Lab File: BN024364.D
Acq: 18 Mar 2023 02:13

Tgt Ion:172 Resp: 18178

Ion	Ratio	Lower	Upper
172	100		
171	34.2	27.8	41.8
170	23.2	19.0	28.6



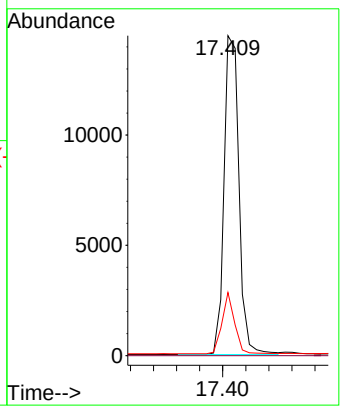


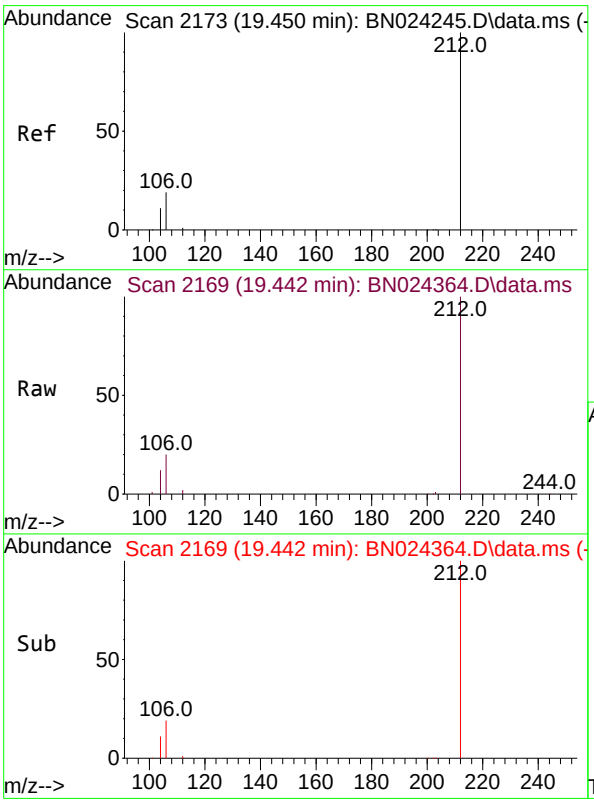
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.409 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN024364.D
Acq: 18 Mar 2023 02:13

Instrument :
BNA_N
ClientSampleId :
RE122D1-20230308

Tgt Ion:188 Resp: 25800

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	19.7	8.9	13.3#

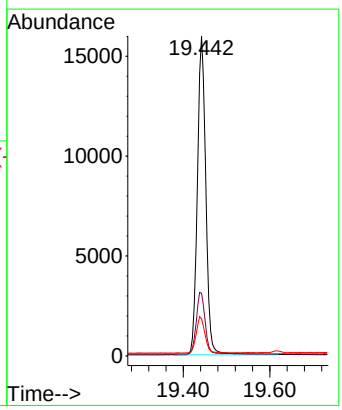


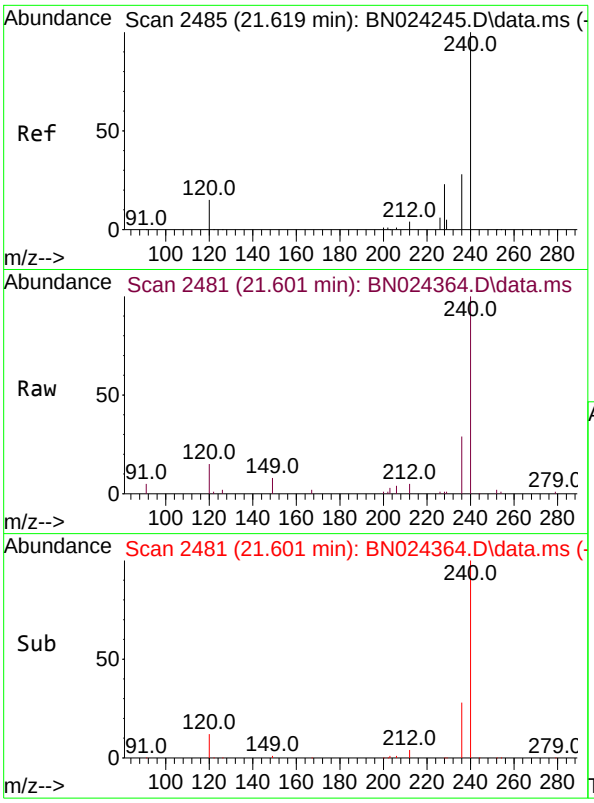


#27
Fluoranthene-d10
Concen: 0.393 ng
RT: 19.442 min Scan# 2169
Delta R.T. -0.004 min
Lab File: BN024364.D
Acq: 18 Mar 2023 02:13

Tgt Ion:212 Resp: 21518

Ion	Ratio	Lower	Upper
212	100		
106	20.2	15.4	23.2
104	11.8	8.6	13.0



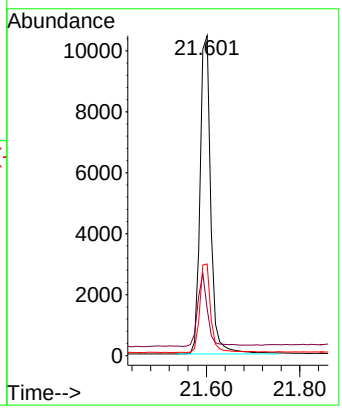


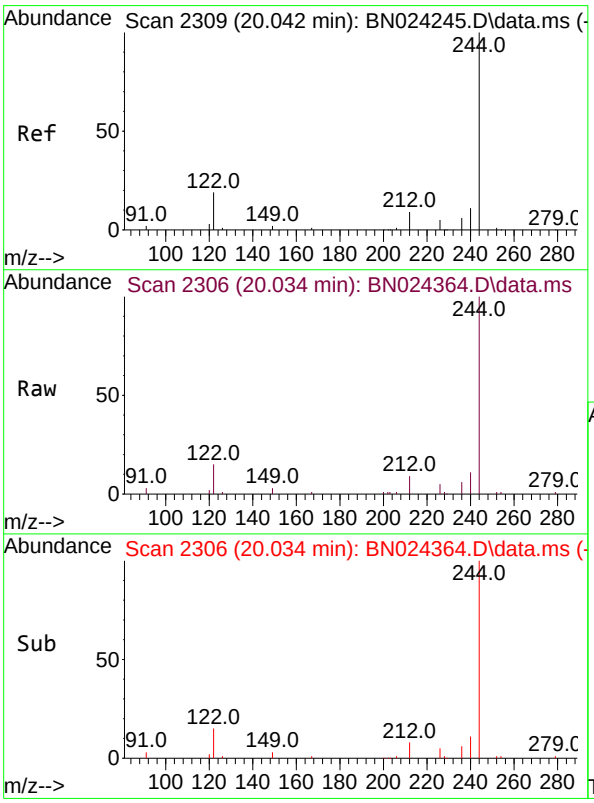
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.601 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN024364.D
Acq: 18 Mar 2023 02:13

Instrument :
BNA_N
ClientSampleId :
RE122D1-20230308

Tgt Ion:240 Resp: 16580

Ion	Ratio	Lower	Upper
240	100		
120	14.6	12.8	19.2
236	28.6	22.5	33.7

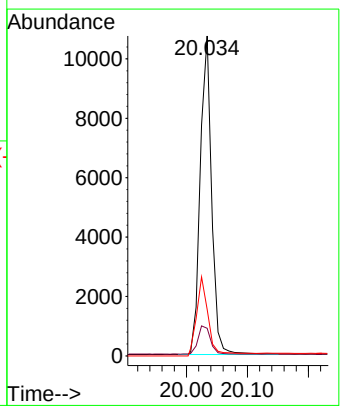


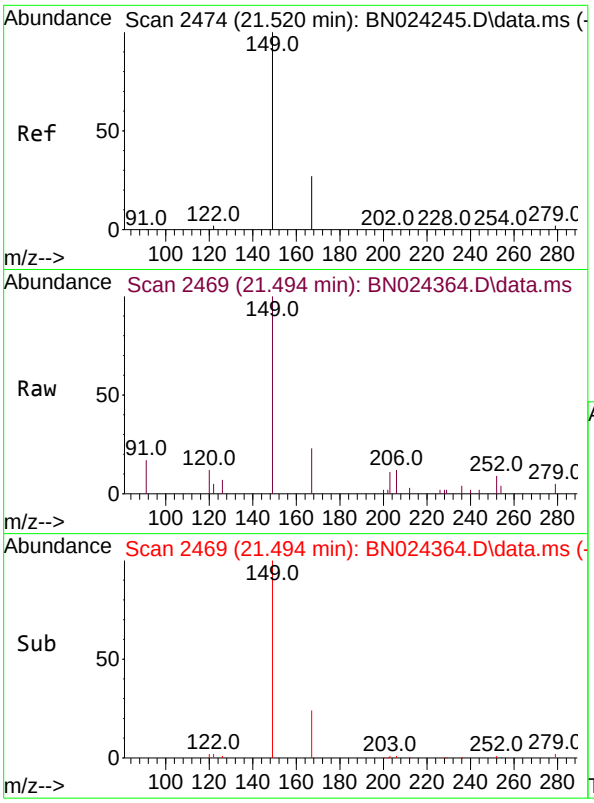


#31
Terphenyl-d14
Concen: 0.433 ng
RT: 20.034 min Scan# 2306
Delta R.T. 0.000 min
Lab File: BN024364.D
Acq: 18 Mar 2023 02:13

Tgt Ion:244 Resp: 12101

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.6	11.4
122	14.5	15.1	22.7#



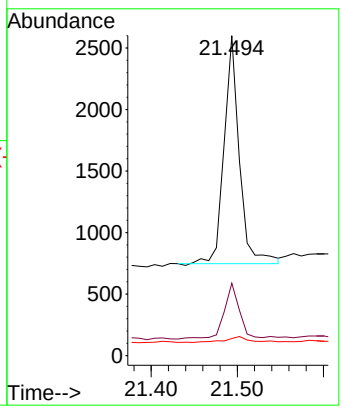


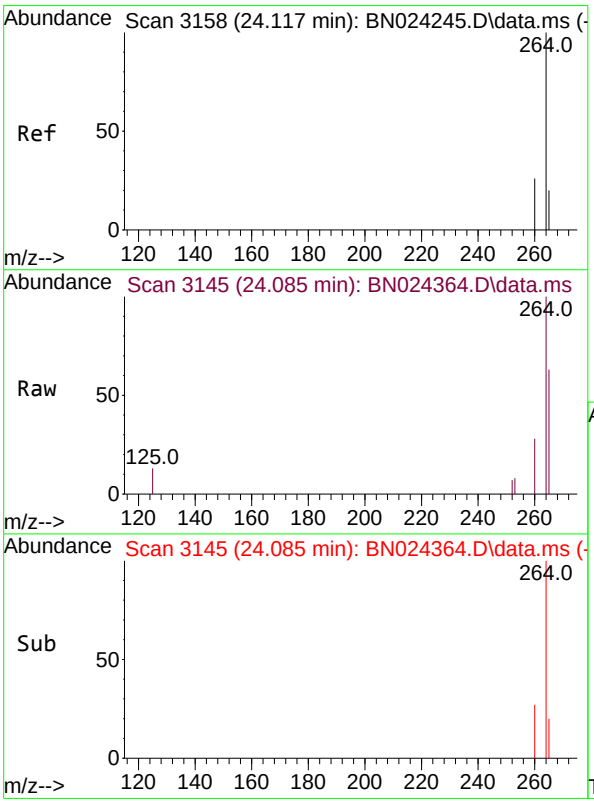
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.088 ng
RT: 21.494 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN024364.D
Acq: 18 Mar 2023 02:13

Instrument :
BNA_N
ClientSampleId :
RE122D1-20230308

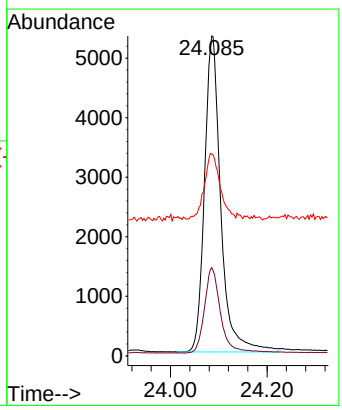
Tgt Ion:149 Resp: 2289

Ion	Ratio	Lower	Upper
149	100		
167	24.6	21.2	31.8
279	4.1	1.8	2.8#





#35
Perylene-d12
Concen: 0.400 ng
RT: 24.085 min Scan# 3145
Delta R.T. -0.029 min
Lab File: BN024364.D
Acq: 18 Mar 2023 02:13

Tgt Ion:264 Resp: 12400

Ion	Ratio	Lower	Upper
264	100		
260	27.6	21.4	32.2
265	63.0	35.7	53.5#