

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082523\
 Data File : BN027205.D
 Acq On : 28 Aug 2023 00:57
 Operator : MA/JU
 Sample : 04051-07
 Misc :
 ALS Vial : 96 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE139D1-20230816

Quant Time: Aug 28 01:28:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 26 02:13:59 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

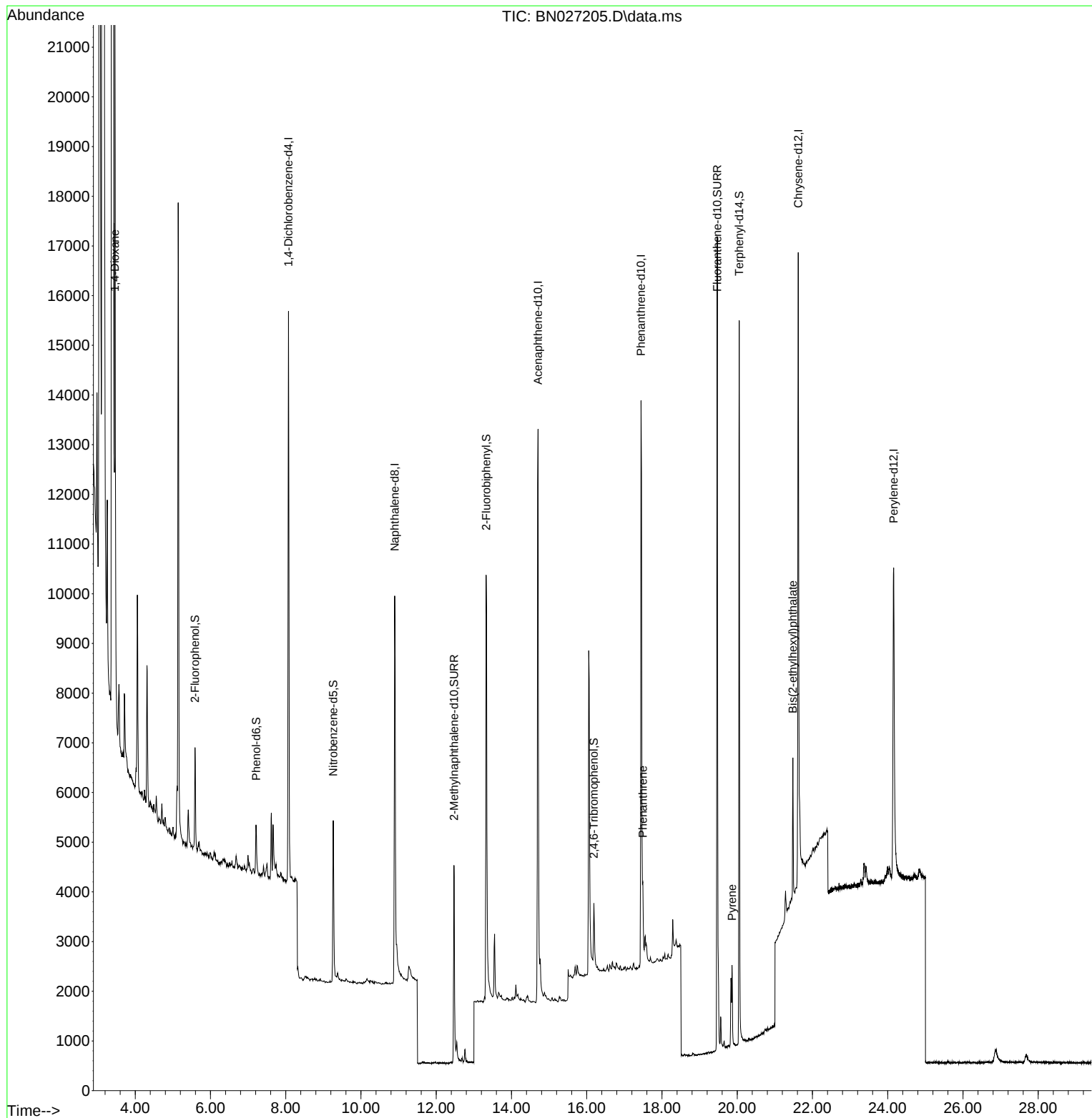
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.073	152	5691	0.400	ng	-0.01
7) Naphthalene-d8	10.895	136	13248	0.400	ng	#-0.01
13) Acenaphthene-d10	14.705	164	8382	0.400	ng	0.00
19) Phenanthrene-d10	17.443	188	18785	0.400	ng	#-0.01
29) Chrysene-d12	21.623	240	14209	0.400	ng	# 0.00
35) Perylene-d12	24.156	264	12131	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.589	112	1709	0.107	ng	-0.01
5) Phenol-d6	7.214	99	1095	0.055	ng	0.00
8) Nitrobenzene-d5	9.262	82	2987	0.267	ng	-0.01
11) 2-Methylnaphthalene-d10	12.472	152	6349	0.302	ng	-0.01
14) 2,4,6-Tribromophenol	16.189	330	863	0.193	ng	-0.01
15) 2-Fluorobiphenyl	13.326	172	9968	0.320	ng	-0.01
27) Fluoranthene-d10	19.467	212	18261	0.379	ng	0.00
31) Terphenyl-d14	20.053	244	14081	0.474	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.458	88	9227	1.508	ng	# 95
25) Phenanthrene	17.492	178	1502	0.028	ng	# 93
30) Pyrene	19.862	202	1464	0.027	ng	97
34) Bis(2-ethylhexyl)phtha...	21.480	149	2930	0.079	ng	# 94

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

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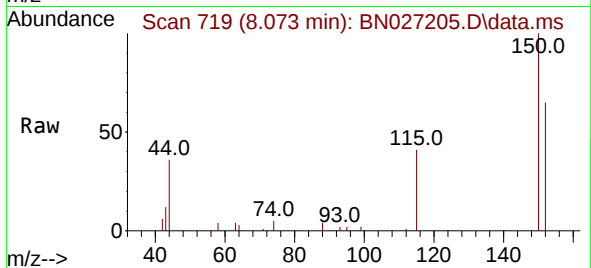
Quant Time: Aug 28 01:28:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 26 02:13:59 2023
Response via : Initial Calibration



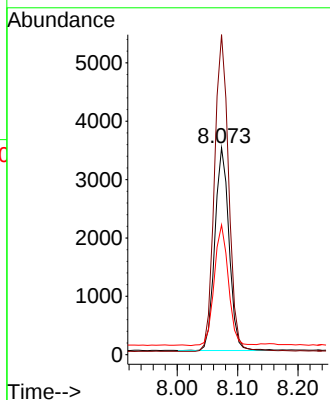
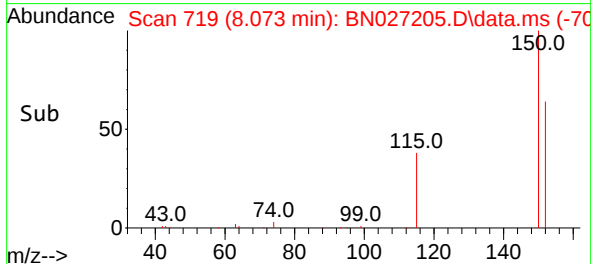


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.073 min Scan# 71
 Delta R.T. -0.015 min
 Lab File: BN027205.D
 Acq: 28 Aug 2023 00:57

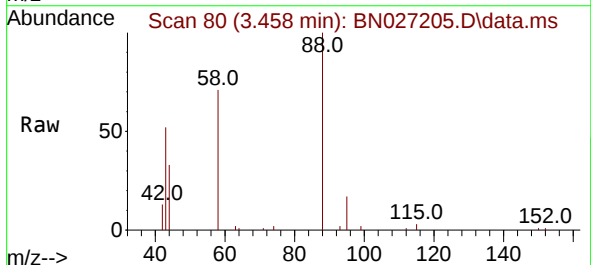
Instrument :
 BNA_N
 ClientSampleId :
 RE139D1-20230816



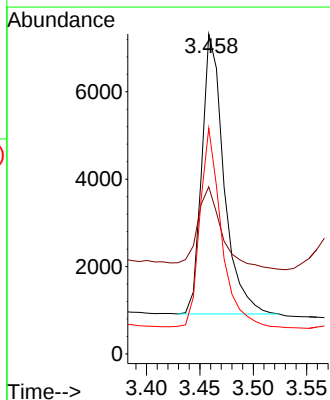
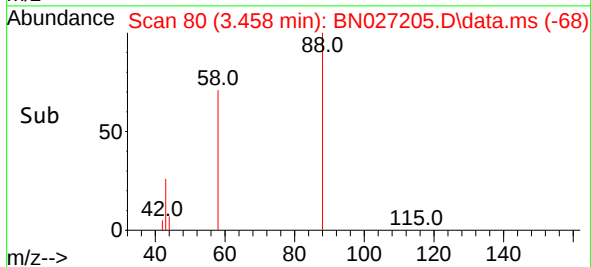
Tgt Ion:152 Resp: 5691
 Ion Ratio Lower Upper
 152 100
 150 154.6 123.8 185.6
 115 62.7 49.7 74.5



#2
 1,4-Dioxane
 Concen: 1.508 ng
 RT: 3.458 min Scan# 80
 Delta R.T. -0.014 min
 Lab File: BN027205.D
 Acq: 28 Aug 2023 00:57



Tgt Ion: 88 Resp: 9227
 Ion Ratio Lower Upper
 88 100
 43 33.3 19.2 28.8#
 58 68.3 54.5 81.7

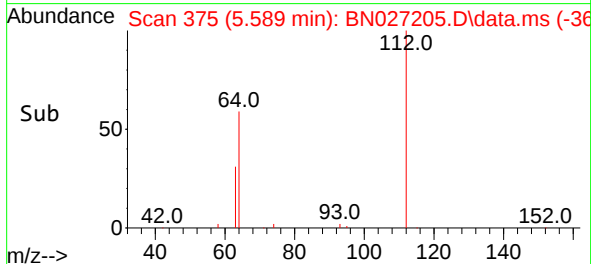
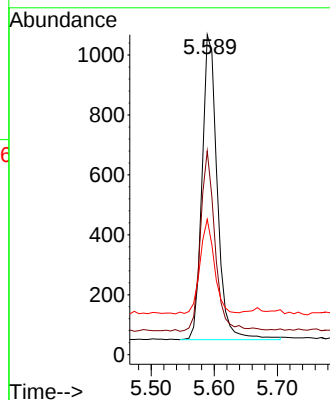
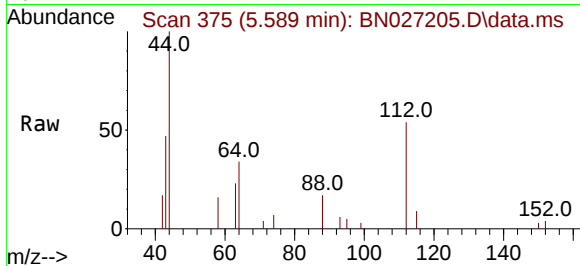




#4
2-Fluorophenol
Concen: 0.107 ng
RT: 5.589 min Scan# 31
Delta R.T. -0.014 min
Lab File: BN027205.D
Acq: 28 Aug 2023 00:57

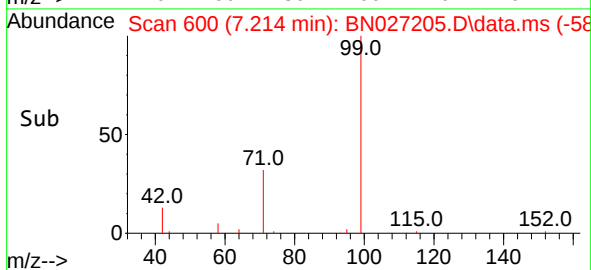
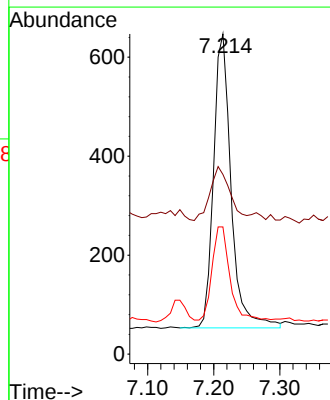
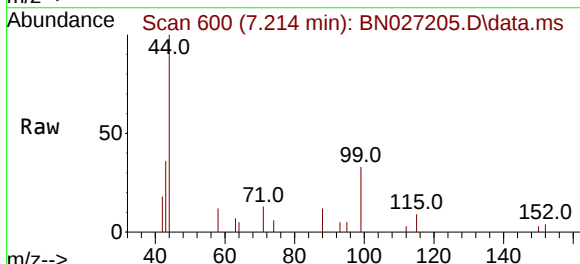
Instrument :
BNA_N
ClientSampleId :
RE139D1-20230816

Tgt Ion:112 Resp: 1709
Ion Ratio Lower Upper
112 100
64 57.1 41.5 62.3
63 29.4 21.7 32.5



#5
Phenol-d6
Concen: 0.055 ng
RT: 7.214 min Scan# 600
Delta R.T. -0.007 min
Lab File: BN027205.D
Acq: 28 Aug 2023 00:57

Tgt Ion: 99 Resp: 1095
Ion Ratio Lower Upper
99 100
42 20.5 13.6 20.4#
71 31.4 26.0 39.0

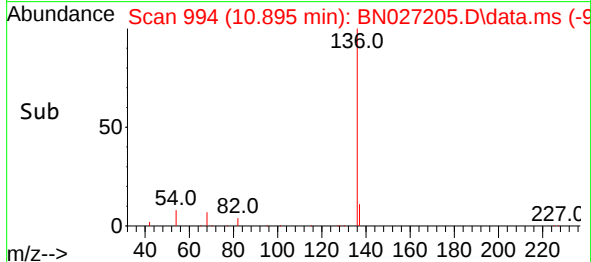
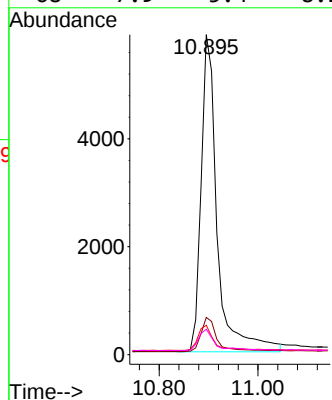
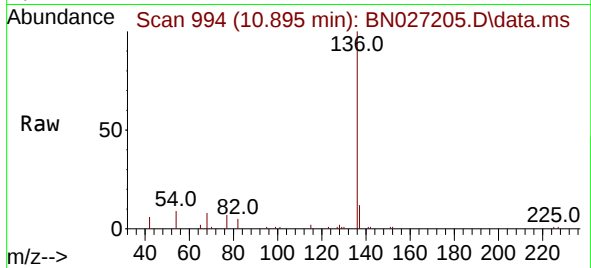




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.895 min Scan# 998
Delta R.T. -0.011 min
Lab File: BN027205.D
Acq: 28 Aug 2023 00:57

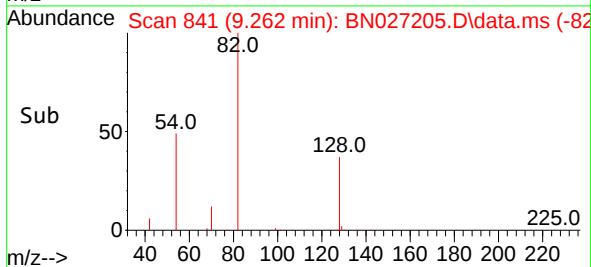
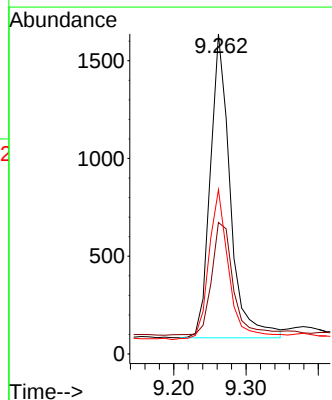
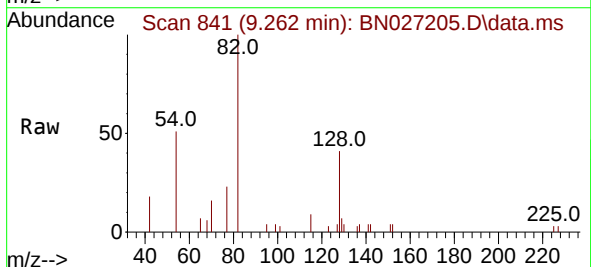
Instrument :
BNA_N
ClientSampleId :
RE139D1-20230816

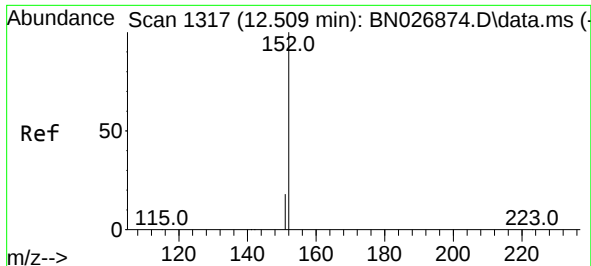
Tgt Ion:136	Resp:	13248
Ion Ratio	Lower	Upper
136	100	
137	11.7	9.0 13.6
54	9.2	5.5 8.3
68	7.9	5.4 8.2



#8
Nitrobenzene-d5
Concen: 0.267 ng
RT: 9.262 min Scan# 841
Delta R.T. -0.011 min
Lab File: BN027205.D
Acq: 28 Aug 2023 00:57

Tgt Ion: 82	Resp:	2987
Ion Ratio	Lower	Upper
82	100	
128	41.1	34.1 51.1
54	51.4	37.0 55.4

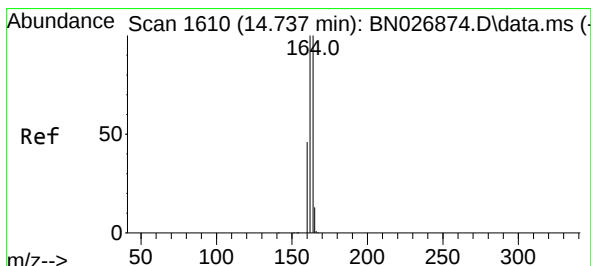
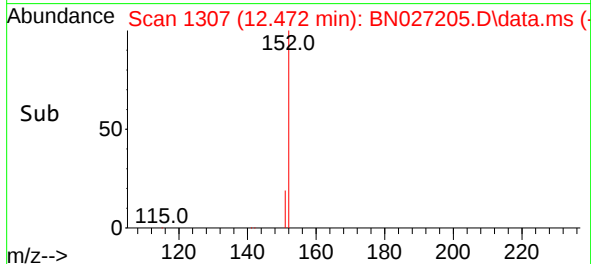
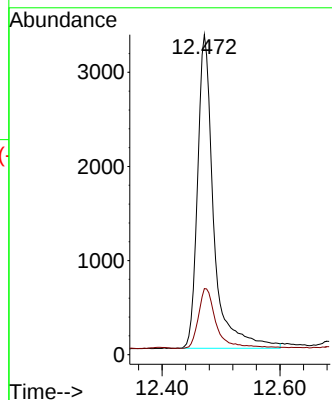
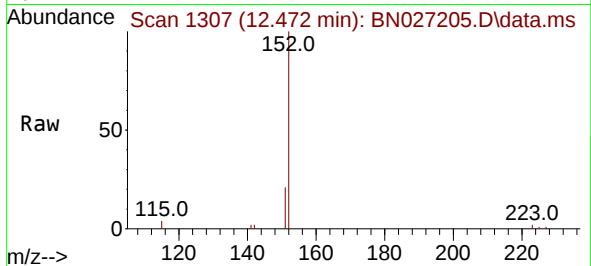




#11
2-Methylnaphthalene-d10
Concen: 0.302 ng
RT: 12.472 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN027205.D
Acq: 28 Aug 2023 00:57

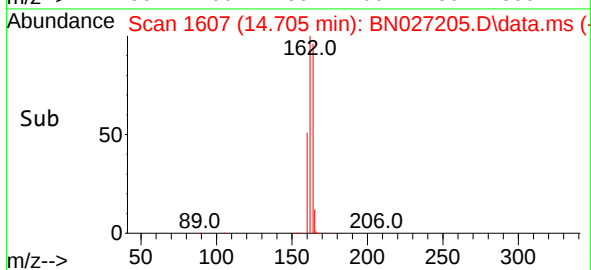
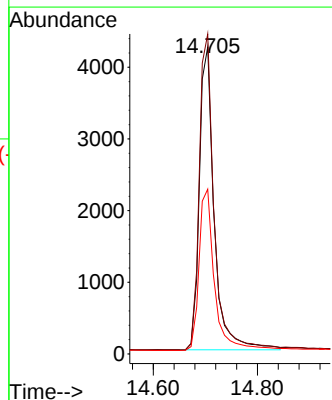
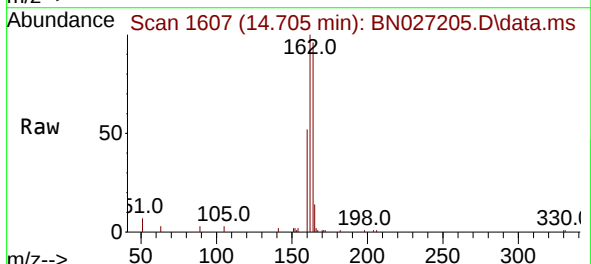
Instrument :
BNA_N
ClientSampleId :
RE139D1-20230816

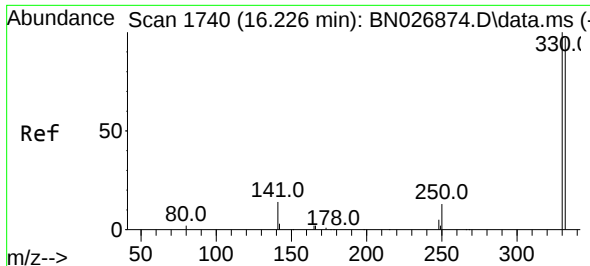
Tgt Ion:152 Resp: 6349
Ion Ratio Lower Upper
152 100
151 21.6 16.3 24.5



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.705 min Scan# 1607
Delta R.T. 0.000 min
Lab File: BN027205.D
Acq: 28 Aug 2023 00:57

Tgt Ion:164 Resp: 8382
Ion Ratio Lower Upper
164 100
162 104.2 79.7 119.5
160 53.7 37.4 56.0

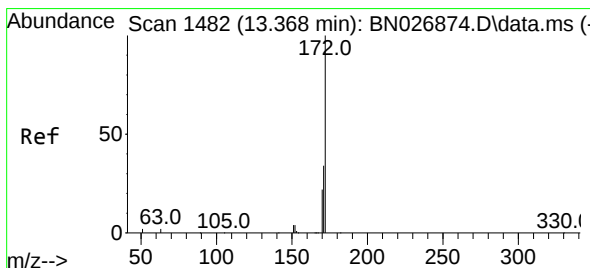
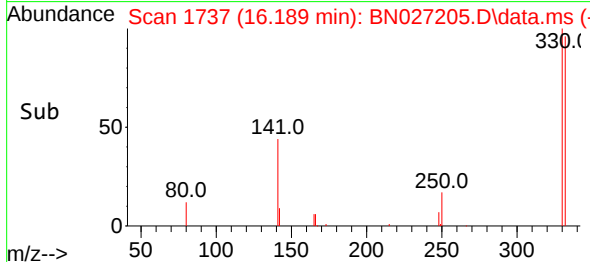
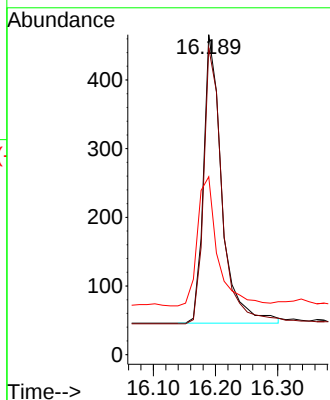
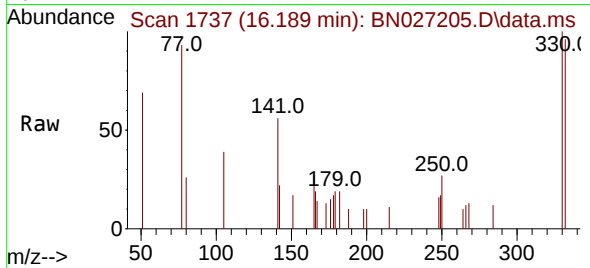




#14
2,4,6-Tribromophenol
Concen: 0.193 ng
RT: 16.189 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN027205.D
Acq: 28 Aug 2023 00:57

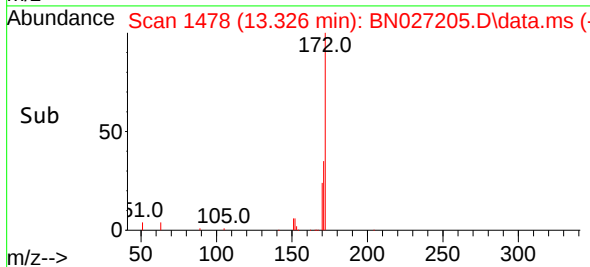
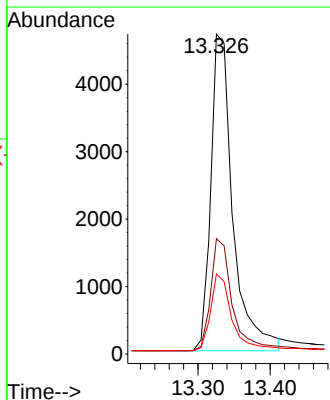
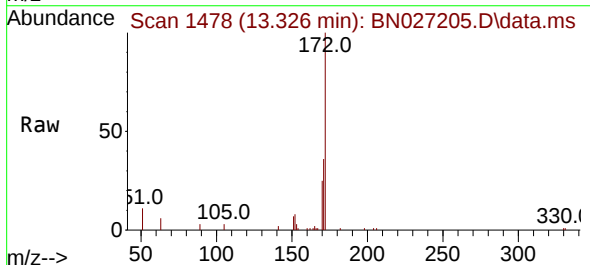
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RE139D1-20230816

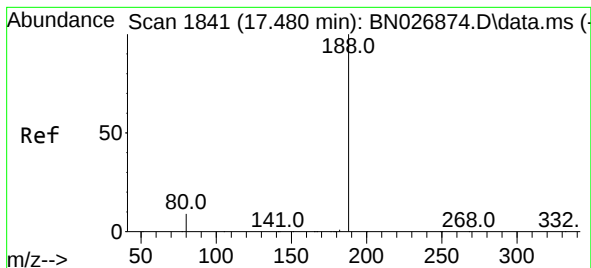
Tgt Ion:330 Resp: 863
Ion Ratio Lower Upper
330 100
332 96.9 76.6 114.8
141 49.7 32.3 48.5#



#15
2-Fluorobiphenyl
Concen: 0.320 ng
RT: 13.326 min Scan# 1478
Delta R.T. -0.011 min
Lab File: BN027205.D
Acq: 28 Aug 2023 00:57

Tgt Ion:172 Resp: 9968
Ion Ratio Lower Upper
172 100
171 36.0 27.4 41.0
170 25.0 18.0 27.0





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.443 min Scan# 1838

Delta R.T. -0.012 min

Lab File: BN027205.D

Acq: 28 Aug 2023 00:57

Instrument :

BNA_N

ClientSampleId :

RE139D1-20230816

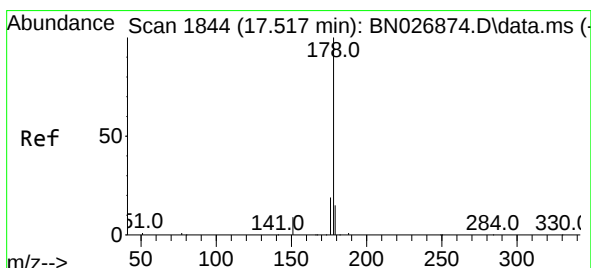
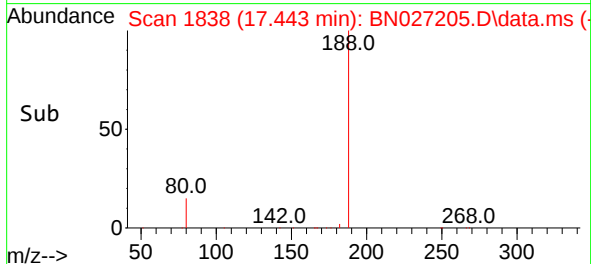
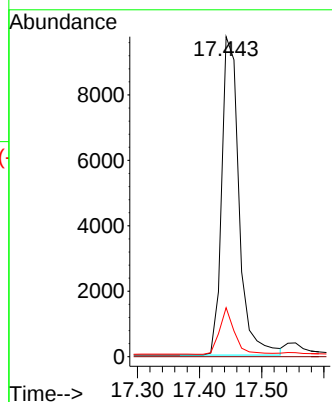
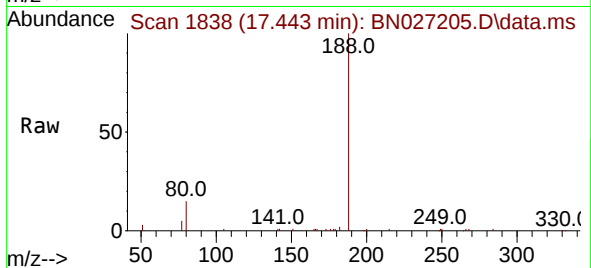
Tgt Ion:188 Resp: 18785

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 15.3 7.4 11.2#



#25

Phenanthrene

Concen: 0.028 ng

RT: 17.492 min Scan# 1842

Delta R.T. 0.000 min

Lab File: BN027205.D

Acq: 28 Aug 2023 00:57

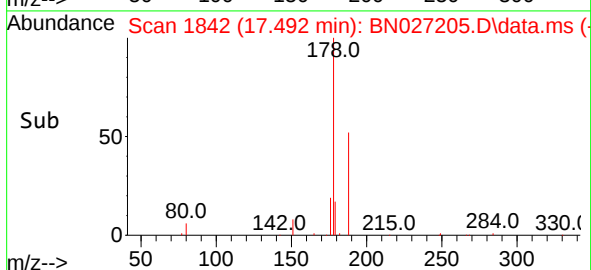
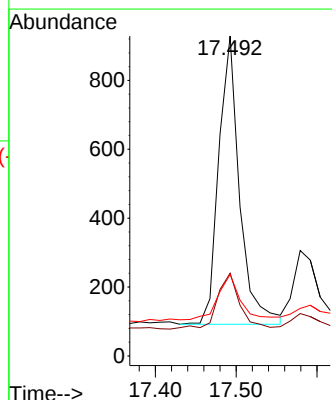
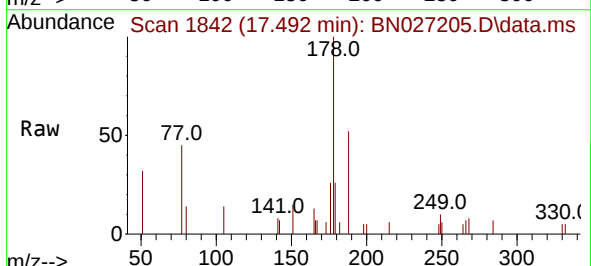
Tgt Ion:178 Resp: 1502

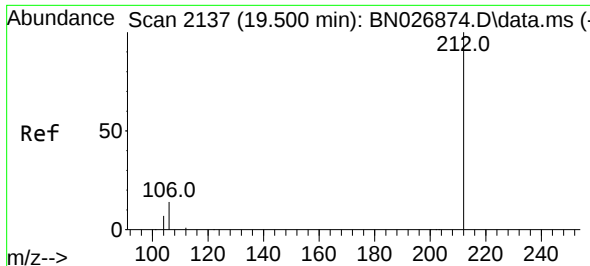
Ion Ratio Lower Upper

178 100

176 20.9 15.3 22.9

179 19.7 12.2 18.4#

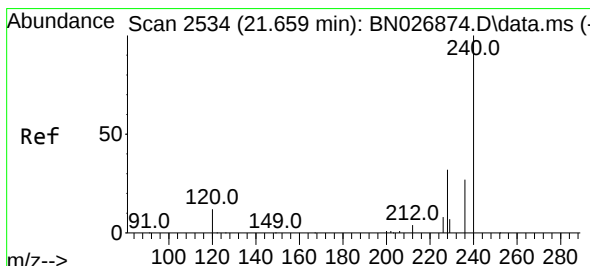
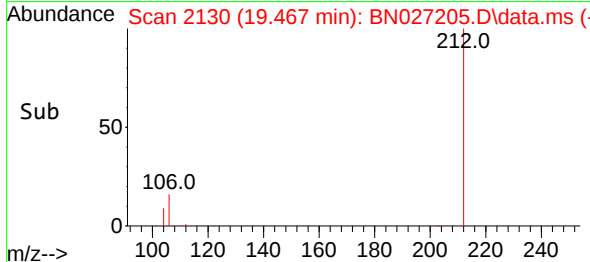
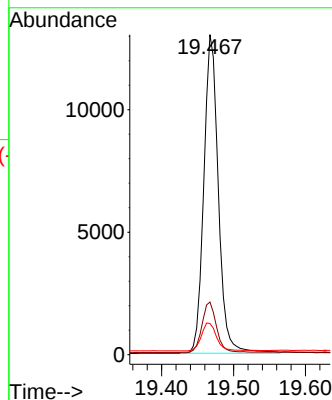
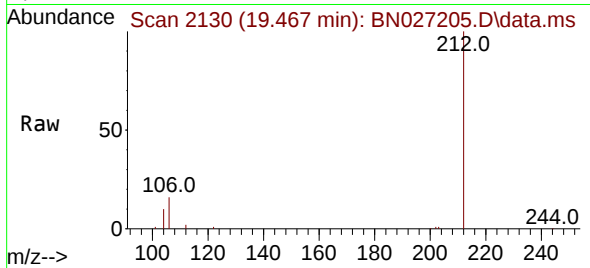




#27
Fluoranthene-d10
Concen: 0.379 ng
RT: 19.467 min Scan# 2130
Delta R.T. -0.009 min
Lab File: BN027205.D
Acq: 28 Aug 2023 00:57

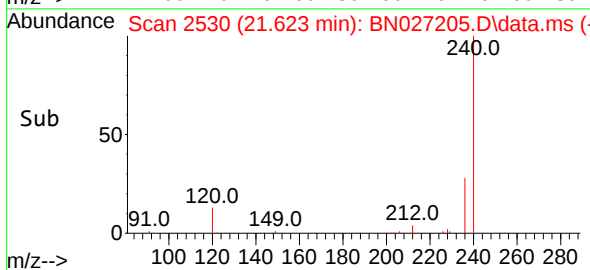
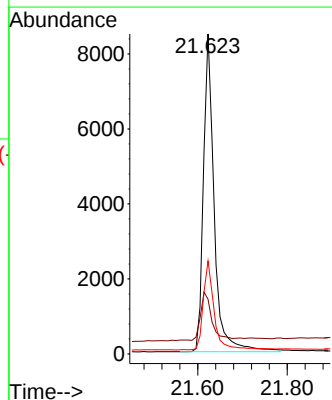
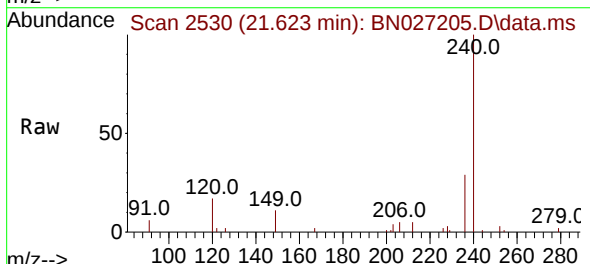
Instrument :
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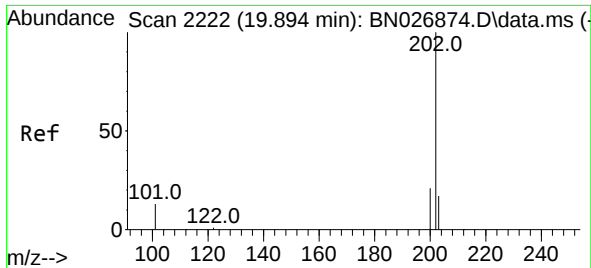
Tgt Ion:212 Resp: 18261
Ion Ratio Lower Upper
212 100
106 15.8 10.9 16.3
104 9.1 5.9 8.9#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.623 min Scan# 2530
Delta R.T. -0.009 min
Lab File: BN027205.D
Acq: 28 Aug 2023 00:57

Tgt Ion:240 Resp: 14209
Ion Ratio Lower Upper
240 100
120 17.1 11.1 16.7#
236 29.1 22.2 33.2

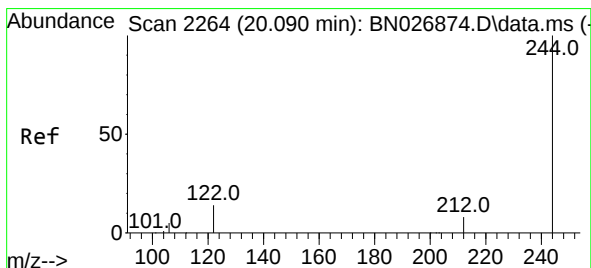
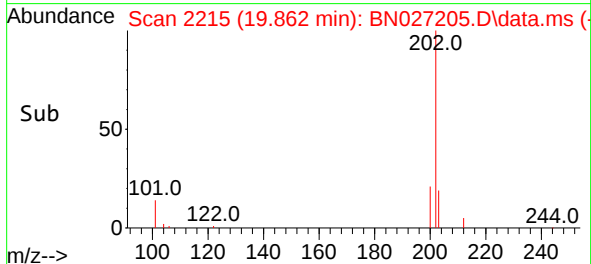
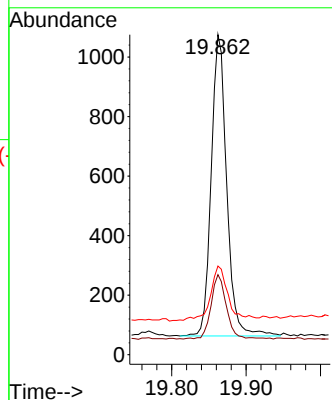
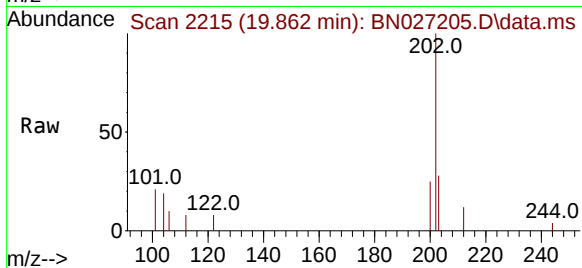




#30
Pyrene
Concen: 0.027 ng
RT: 19.862 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN027205.D
Acq: 28 Aug 2023 00:57

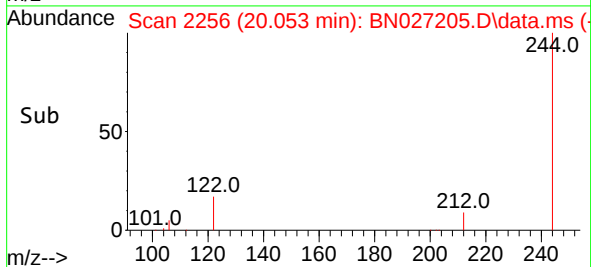
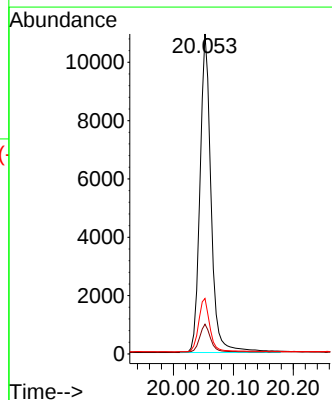
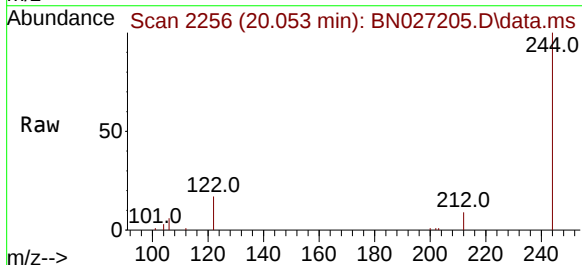
Instrument :
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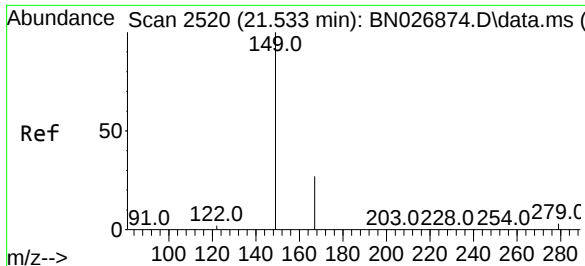
Tgt Ion:	202	Resp:	1464
Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.6	25.0
203	20.4	14.4	21.6



#31
Terphenyl-d14
Concen: 0.474 ng
RT: 20.053 min Scan# 2256
Delta R.T. -0.009 min
Lab File: BN027205.D
Acq: 28 Aug 2023 00:57

Tgt Ion:	244	Resp:	14081
Ion	Ratio	Lower	Upper
244	100		
212	9.3	6.9	10.3
122	17.4	11.9	17.9

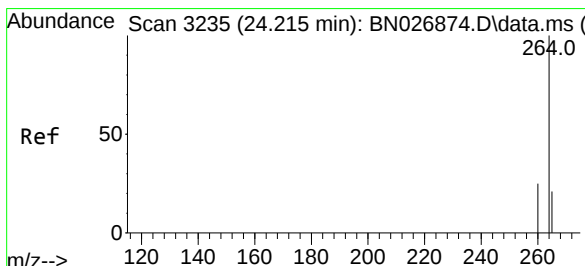
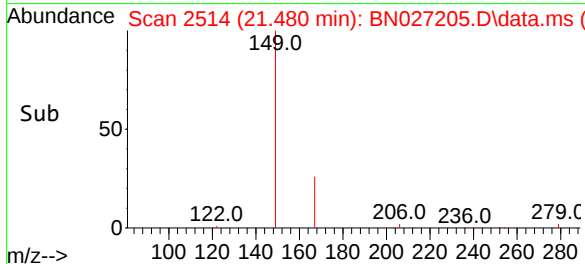
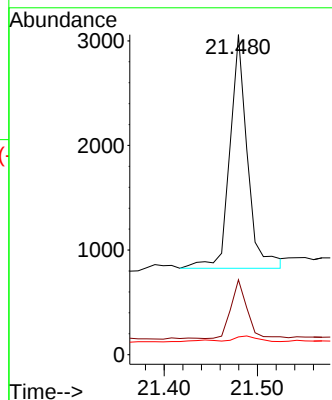
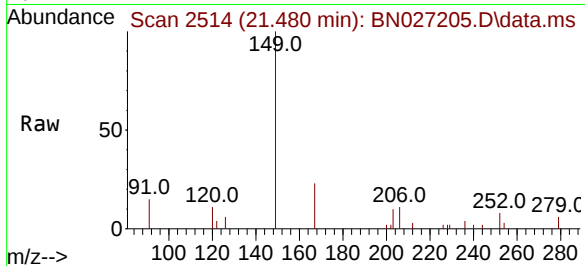




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.079 ng
RT: 21.480 min Scan# 2149
Delta R.T. -0.018 min
Lab File: BN027205.D
Acq: 28 Aug 2023 00:57

Instrument :
BNA_N
ClientSampleId :
RE139D1-20230816

Tgt Ion:149 Resp: 2930
Ion Ratio Lower Upper
149 100
167 23.3 21.4 32.0
279 2.9 3.6 5.4#



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.156 min Scan# 3215
Delta R.T. -0.015 min
Lab File: BN027205.D
Acq: 28 Aug 2023 00:57

Tgt Ion:264 Resp: 12131
Ion Ratio Lower Upper
264 100
260 26.3 20.4 30.6
265 80.5 27.0 40.6#

