

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071521\
 Data File : BN015581.D
 Acq On : 15 Jul 2021 16:31
 Operator : CG/JU
 Sample : PB137284BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB137284BL

Quant Time: Jul 15 17:07:22 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN071521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 15 15:46:51 2021
 Response via : Initial Calibration

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

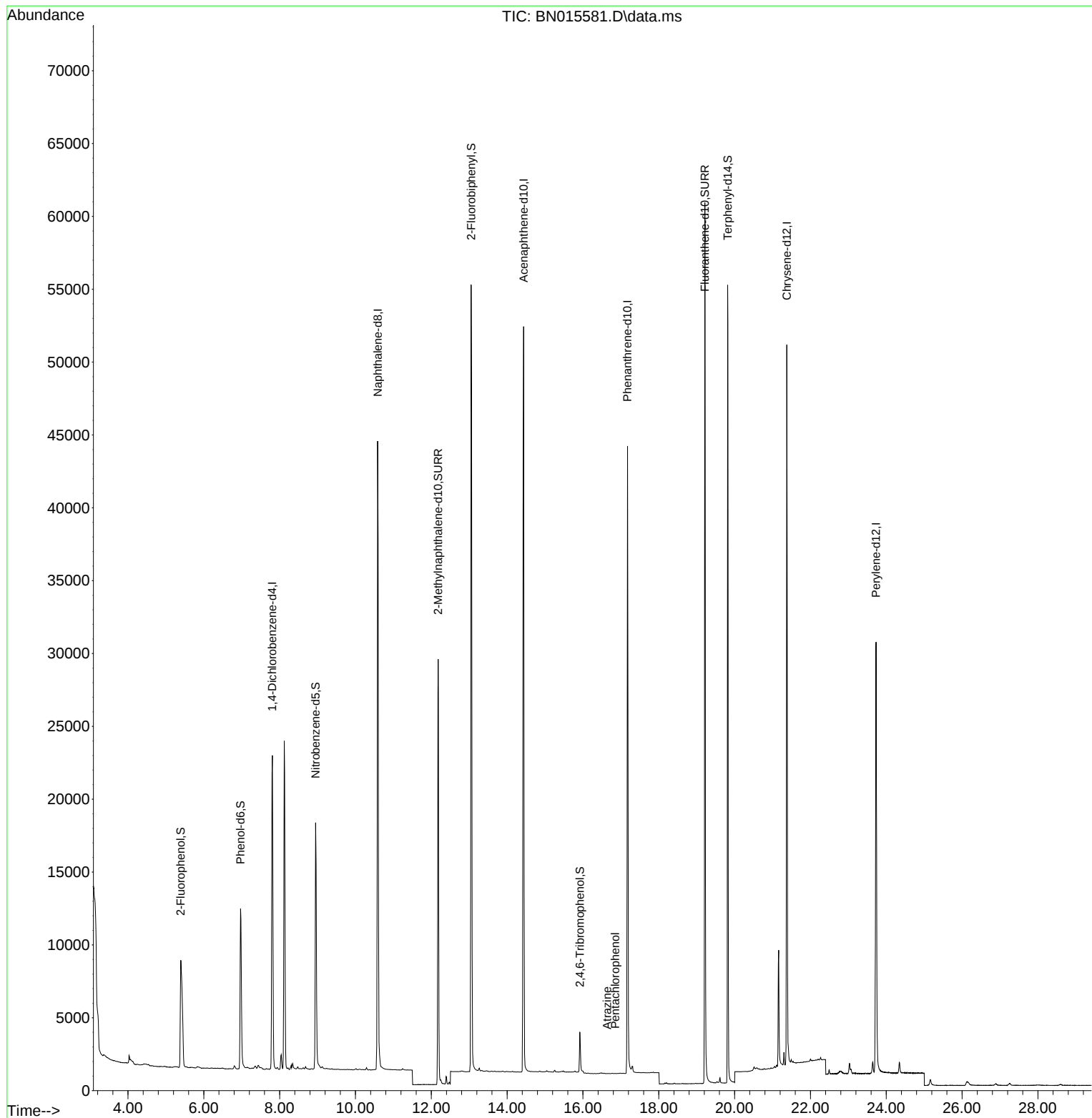
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.808	152	14461	0.400	ng	# 0.00
7) Naphthalene-d8	10.584	136	63649	0.400	ng	# 0.00
13) Acenaphthene-d10	14.434	164	31615	0.400	ng	0.00
19) Phenanthrene-d10	17.176	188	58358	0.400	ng	0.00
29) Chrysene-d12	21.376	240	47357	0.400	ng	# 0.00
35) Perylene-d12	23.731	264	40950	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.393	112	14058	0.339	ng	0.00
5) Phenol-d6	6.969	99	15730	0.319	ng	0.00
8) Nitrobenzene-d5	8.949	82	16704	0.365	ng	0.00
11) 2-Methylnaphthalene-d10	12.181	152	40332	0.385	ng	0.00
14) 2,4,6-Tribromophenol	15.918	330	2307	0.277	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	52926	0.415	ng	0.00
27) Fluoranthene-d10	19.217	212	68418	0.388	ng	0.00
31) Terphenyl-d14	19.817	244	54797	0.488	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.550	198	1	Below Cal	#	4
23) Atrazine	16.640	200	10	0.096	ng	# 12
24) Pentachlorophenol	16.847	266	15	0.282	ng	# 78

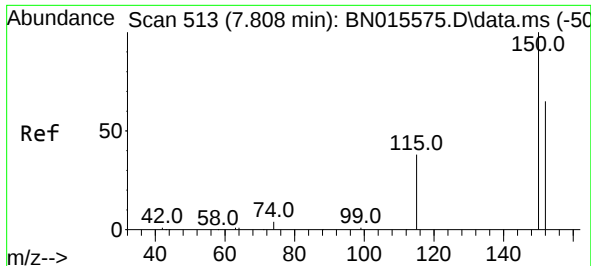
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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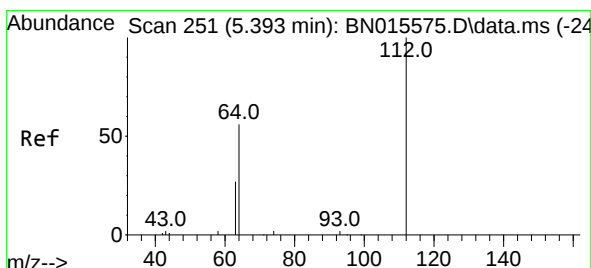
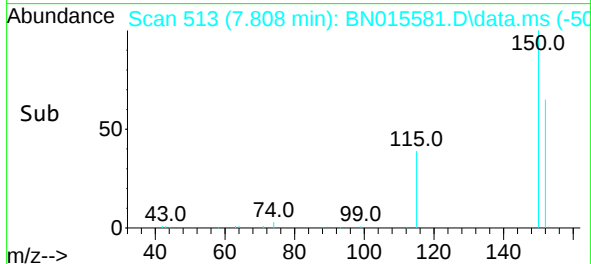
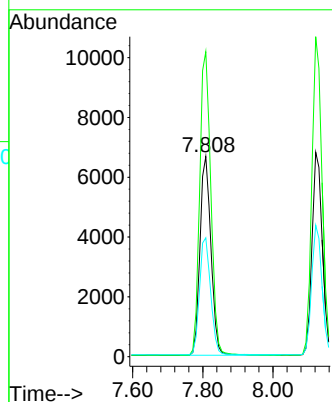
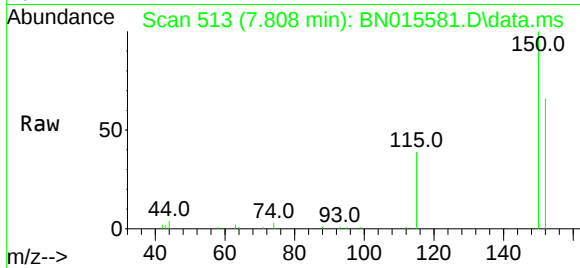




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.808 min Scan# 513
 Delta R.T. 0.000 min
 Lab File: BN015581.D
 Acq: 15 Jul 2021 16:31

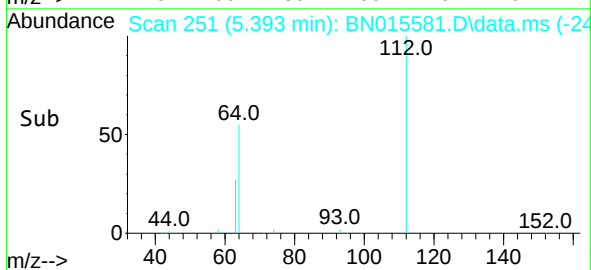
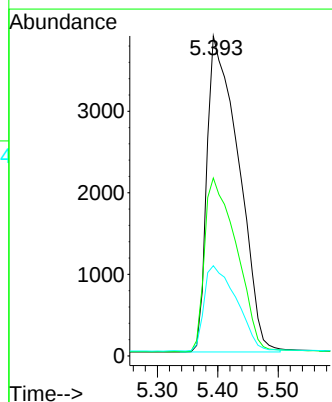
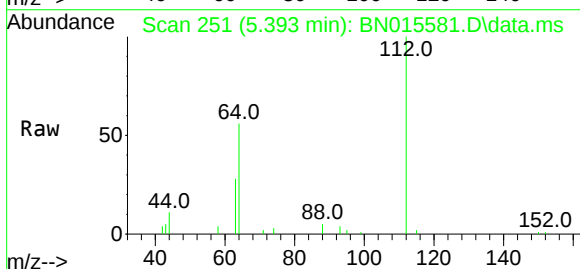
Instrument :
 BNA_N
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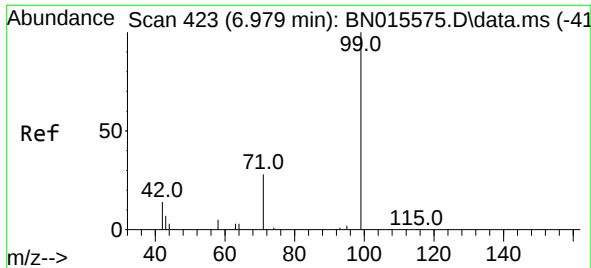
Tgt Ion:152 Resp: 14461
 Ion Ratio Lower Upper
 152 100
 150 152.3 119.0 178.6
 115 59.4 62.2 93.4#



#4
 2-Fluorophenol
 Concen: 0.339 ng
 RT: 5.393 min Scan# 251
 Delta R.T. -0.000 min
 Lab File: BN015581.D
 Acq: 15 Jul 2021 16:31

Tgt Ion:112 Resp: 14058
 Ion Ratio Lower Upper
 112 100
 64 55.8 39.0 58.6
 63 27.9 20.6 30.8

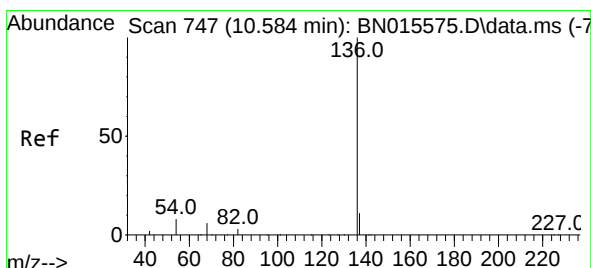
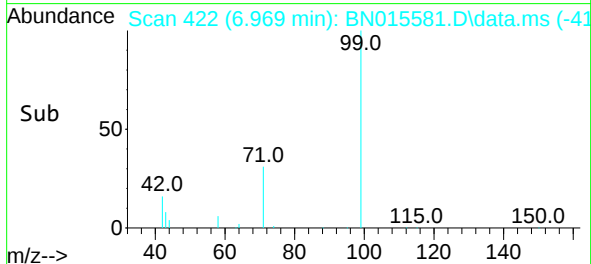
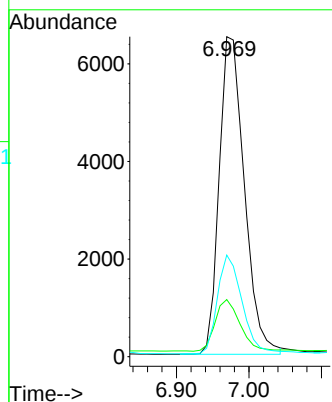
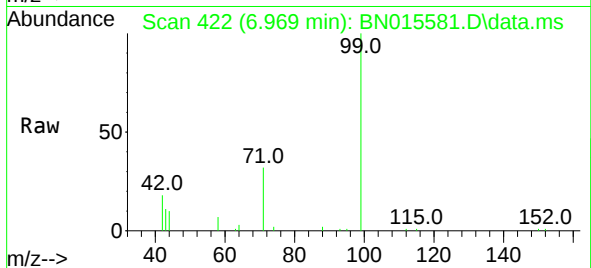




#5
Phenol-d6
Concen: 0.319 ng
RT: 6.969 min Scan# 422
Delta R.T. -0.009 min
Lab File: BN015581.D
Acq: 15 Jul 2021 16:31

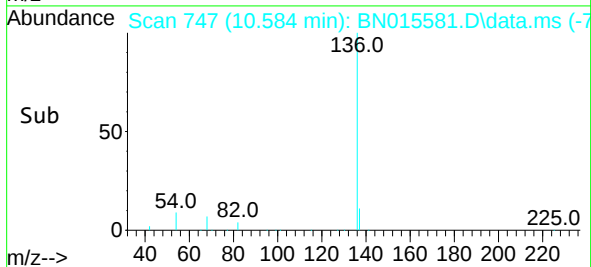
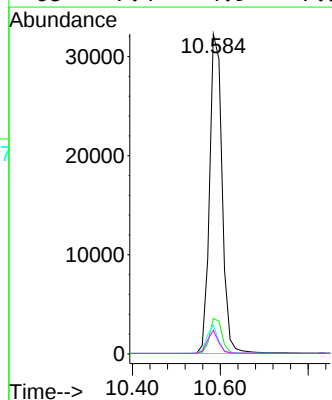
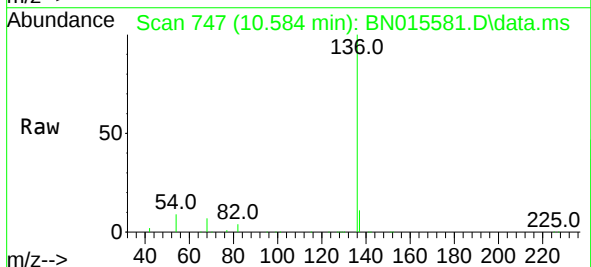
Instrument :
BNA_N
ClientSampleId :
PB137284BL

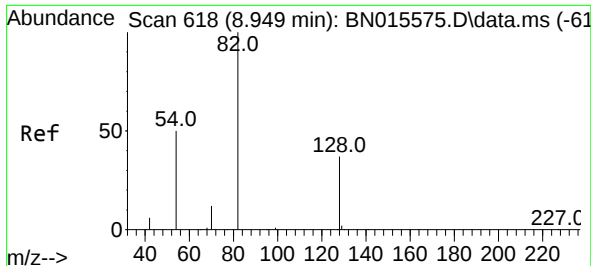
Tgt Ion: 99 Resp: 15730
Ion Ratio Lower Upper
99 100
42 16.0 8.9 13.3#
71 30.2 35.6 53.4#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.584 min Scan# 747
Delta R.T. -0.000 min
Lab File: BN015581.D
Acq: 15 Jul 2021 16:31

Tgt Ion: 136 Resp: 63649
Ion Ratio Lower Upper
136 100
137 11.1 9.8 14.8
54 9.0 5.4 8.2#
68 7.4 4.9 7.3#

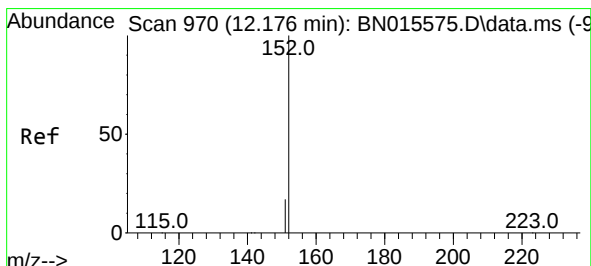
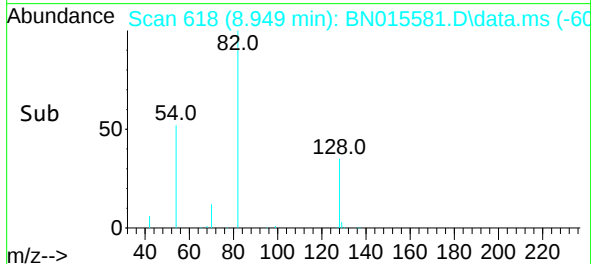
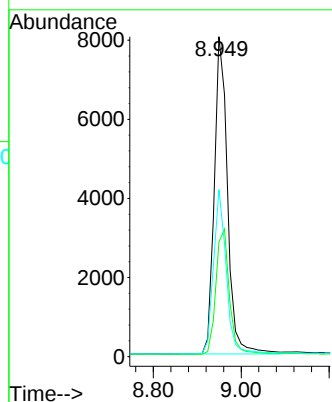
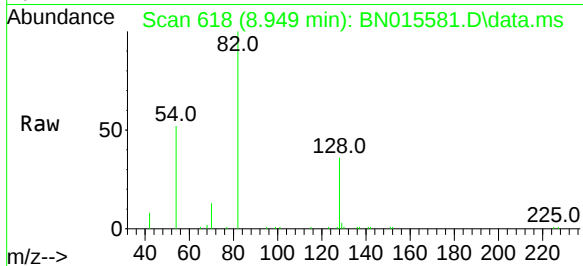




#8
Nitrobenzene-d5
Concen: 0.365 ng
RT: 8.949 min Scan# 618
Delta R.T. -0.000 min
Lab File: BN015581.D
Acq: 15 Jul 2021 16:31

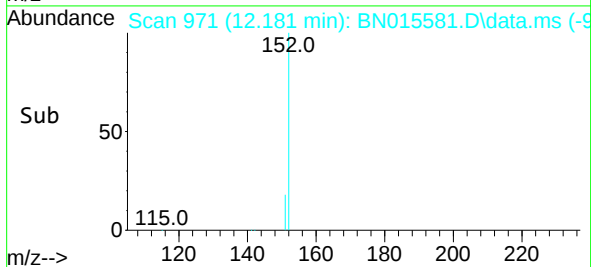
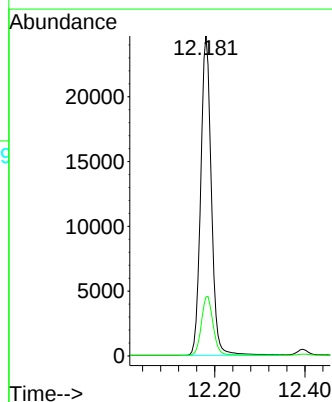
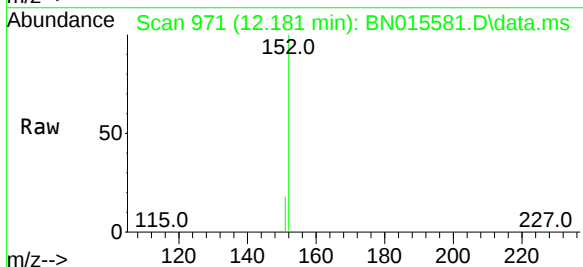
Instrument :
BNA_N
ClientSampleId :
PB137284BL

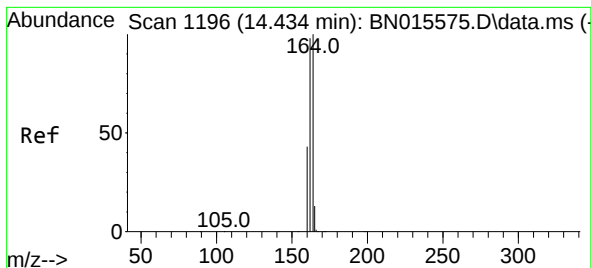
Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.8	31.6	47.4
54	52.2	29.0	43.4



#11
2-Methylnaphthalene-d10
Concen: 0.385 ng
RT: 12.181 min Scan# 971
Delta R.T. 0.004 min
Lab File: BN015581.D
Acq: 15 Jul 2021 16:31

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.7	25.1

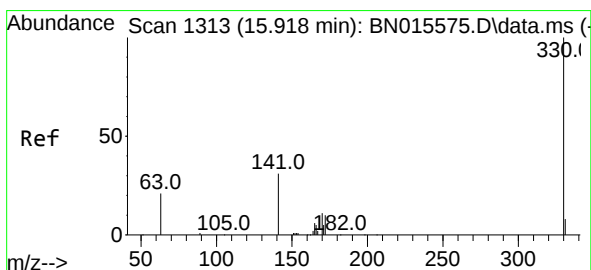
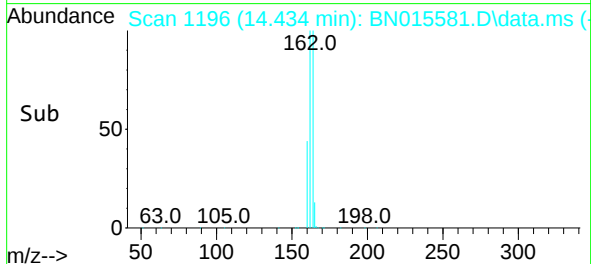
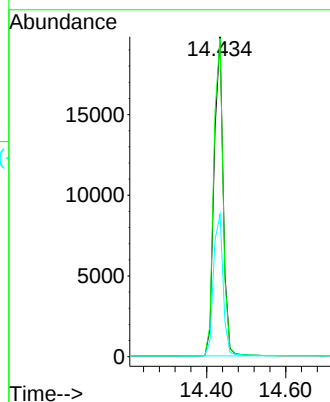
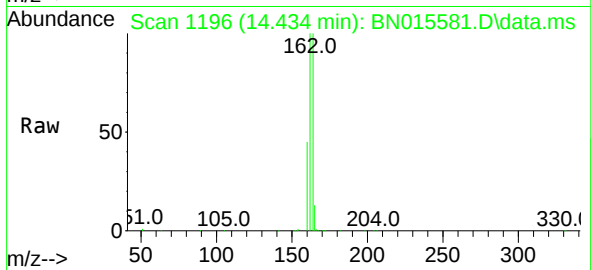




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.434 min Scan# 1196
Delta R.T. -0.000 min
Lab File: BN015581.D
Acq: 15 Jul 2021 16:31

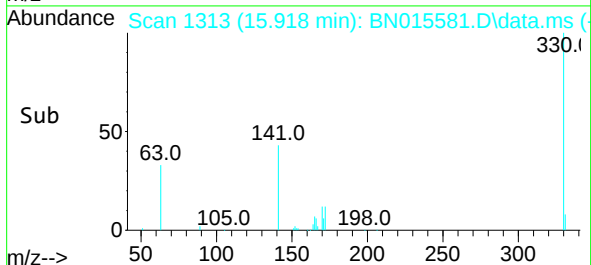
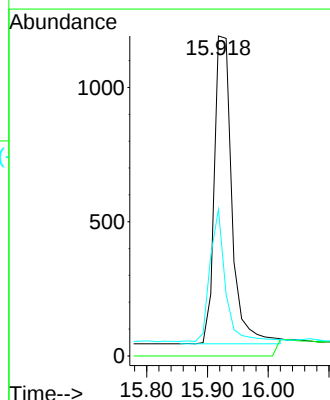
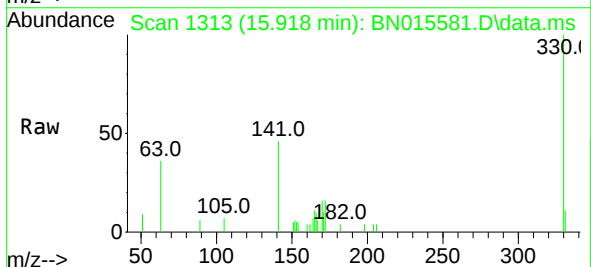
Instrument :
BNA_N
ClientSampleId :
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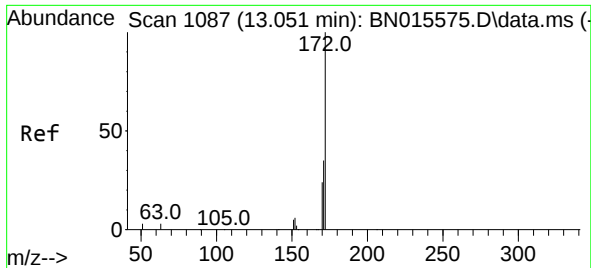
Tgt Ion:164 Resp: 31615
Ion Ratio Lower Upper
164 100
162 99.5 83.8 125.6
160 44.5 37.4 56.0



#14
2,4,6-Tribromophenol
Concen: 0.277 ng
RT: 15.918 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BN015581.D
Acq: 15 Jul 2021 16:31

Tgt Ion:330 Resp: 2307
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 37.5 22.4 33.6#

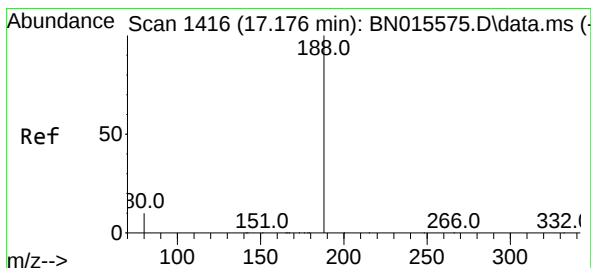
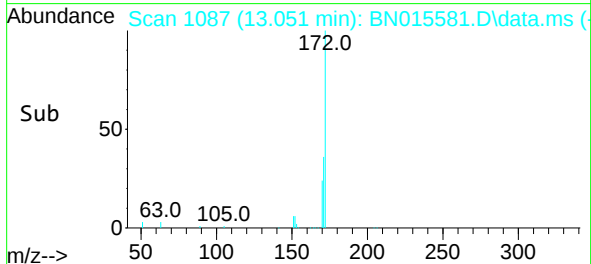
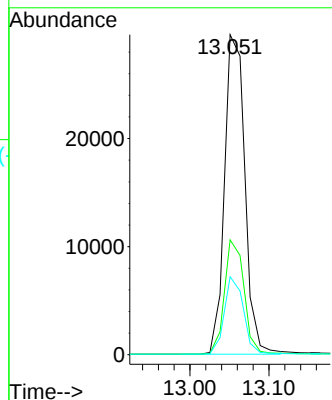
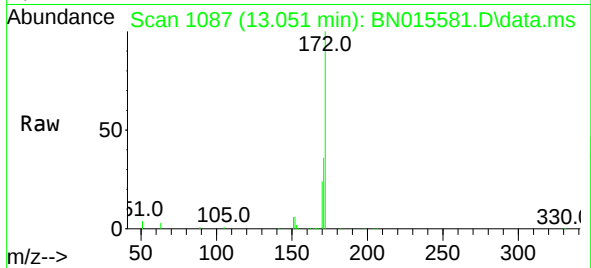




#15
2-Fluorobiphenyl
Concen: 0.415 ng
RT: 13.051 min Scan# 1087
Delta R.T. -0.000 min
Lab File: BN015581.D
Acq: 15 Jul 2021 16:31

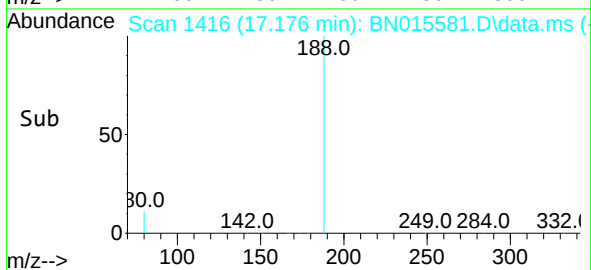
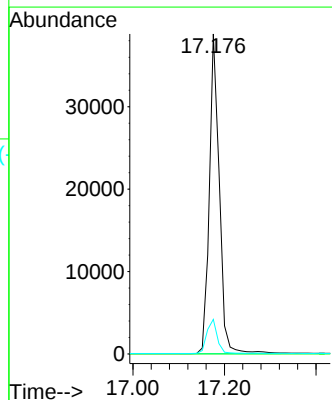
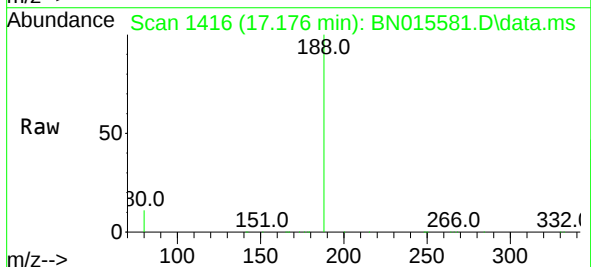
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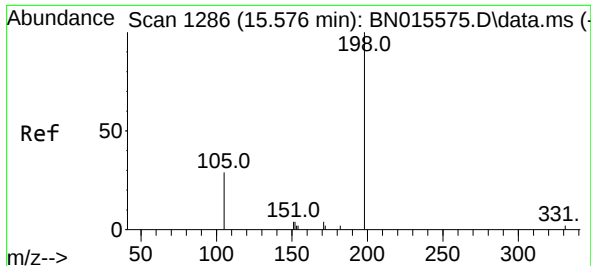
Tgt Ion:172 Resp: 52926
Ion Ratio Lower Upper
172 100
171 35.9 30.6 45.8
170 24.3 20.2 30.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.176 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BN015581.D
Acq: 15 Jul 2021 16:31

Tgt Ion:188 Resp: 58358
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.8 9.0 13.4

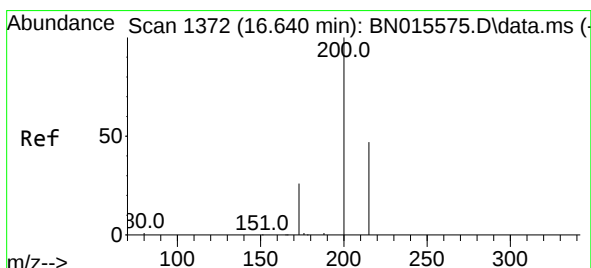
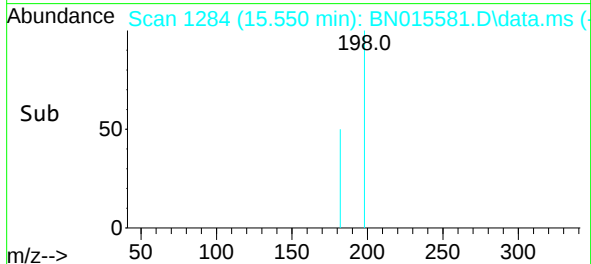
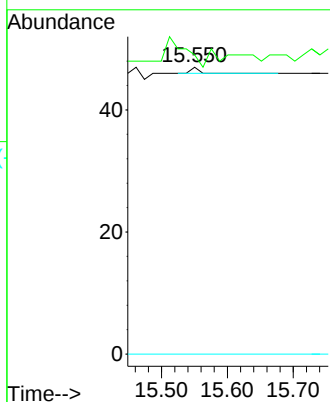
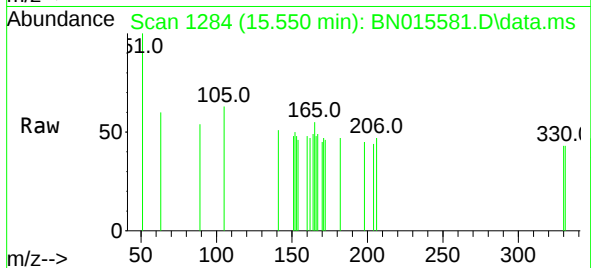




#20
4,6-Dinitro-2-methylphenol
Concen: Below Cal
RT: 15.550 min Scan# 1284
Delta R.T. -0.026 min
Lab File: BN015581.D
Acq: 15 Jul 2021 16:31

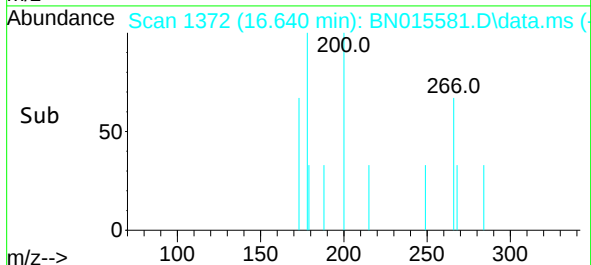
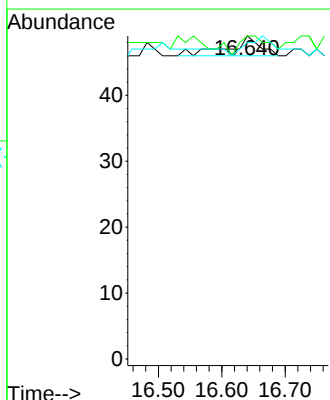
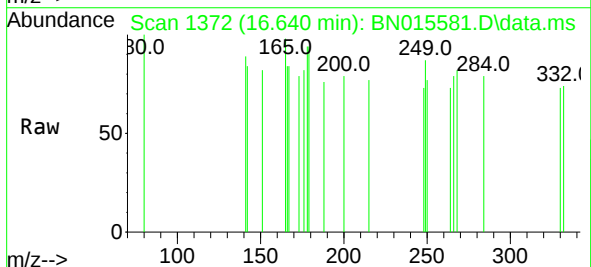
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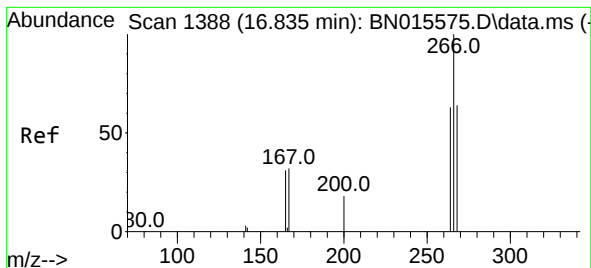
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
182 104.3 34.5 51.7#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.096 ng
RT: 16.640 min Scan# 1372
Delta R.T. 0.000 min
Lab File: BN015581.D
Acq: 15 Jul 2021 16:31

Tgt Ion:200 Resp: 10
Ion Ratio Lower Upper
200 100
173 100.0 21.7 32.5#
215 98.0 43.1 64.7#

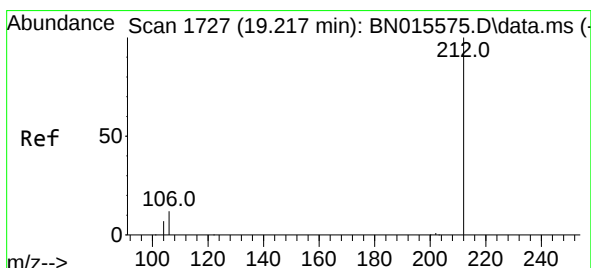
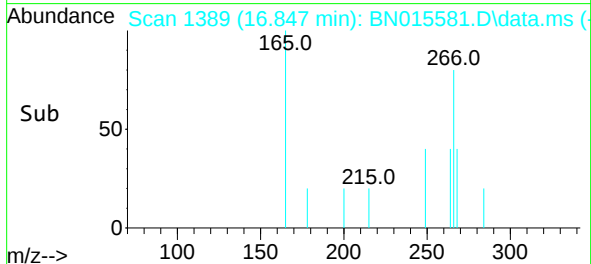
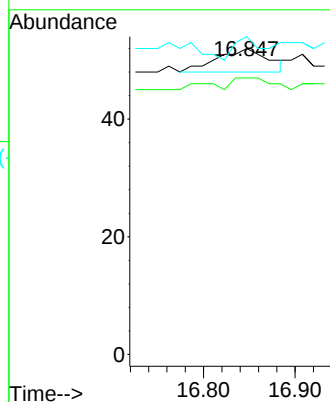
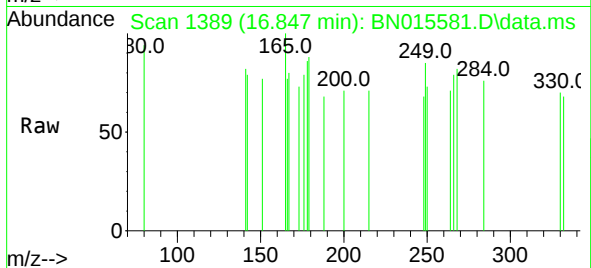




#24
Pentachlorophenol
Concen: 0.282 ng
RT: 16.847 min Scan# 1389
Delta R.T. 0.012 min
Lab File: BN015581.D
Acq: 15 Jul 2021 16:31

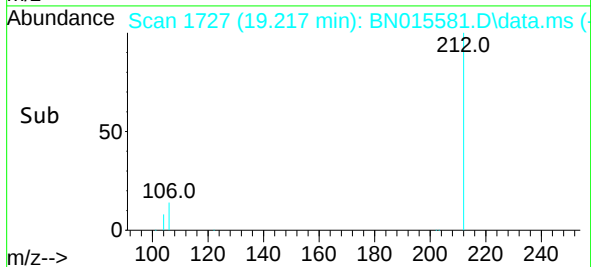
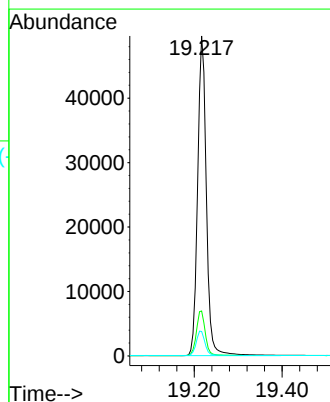
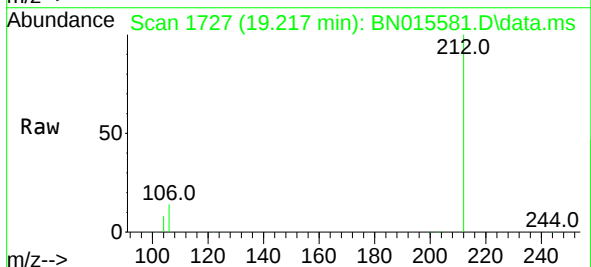
Instrument :
BNA_N
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PB137284BL

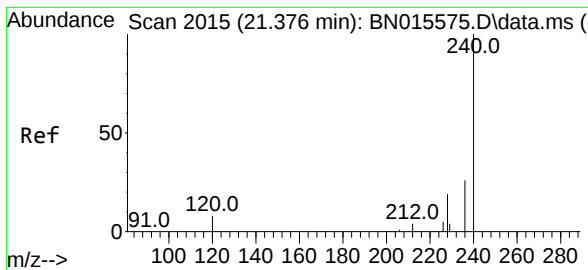
Tgt Ion:266 Resp: 15
Ion Ratio Lower Upper
266 100
264 40.0 51.0 76.4#
268 53.3 50.6 76.0



#27
Fluoranthene-d10
Concen: 0.388 ng
RT: 19.217 min Scan# 1727
Delta R.T. -0.000 min
Lab File: BN015581.D
Acq: 15 Jul 2021 16:31

Tgt Ion:212 Resp: 68418
Ion Ratio Lower Upper
212 100
106 14.3 7.0 10.6#
104 7.8 4.1 6.1#

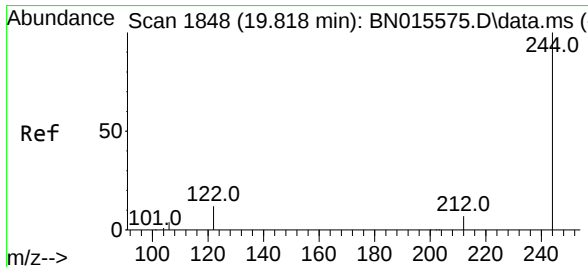
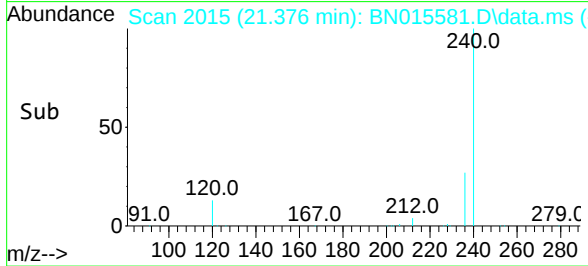
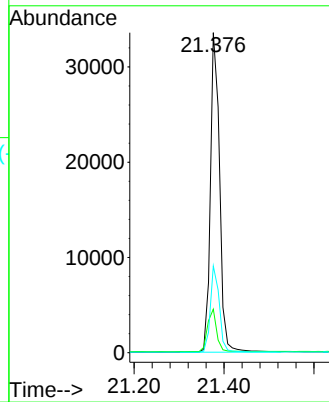
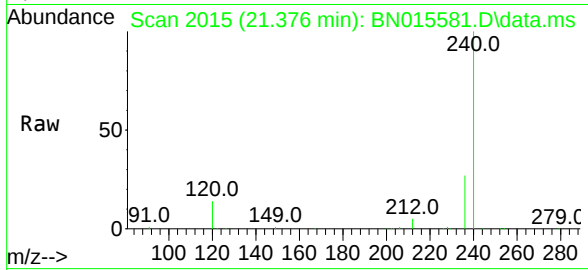




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.376 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BN015581.D
Acq: 15 Jul 2021 16:31

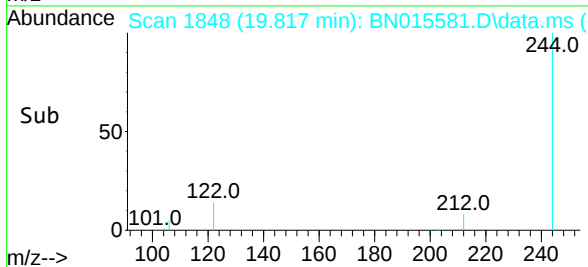
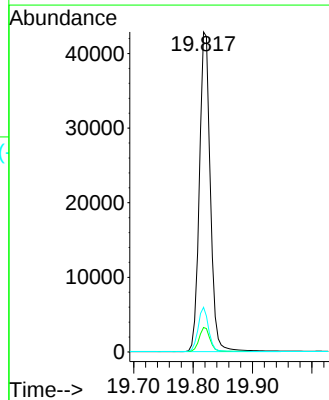
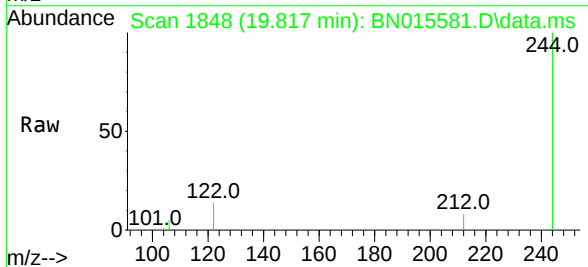
Instrument :
BNA_N
ClientSampleId :
PB137284BL

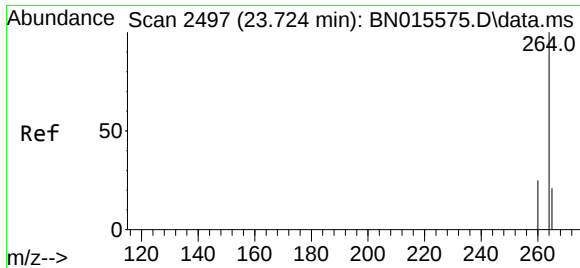
Tgt Ion:240 Resp: 47357
Ion Ratio Lower Upper
240 100
120 13.6 4.2 6.4#
236 27.1 21.4 32.2



#31
Terphenyl-d14
Concen: 0.488 ng
RT: 19.817 min Scan# 1848
Delta R.T. -0.000 min
Lab File: BN015581.D
Acq: 15 Jul 2021 16:31

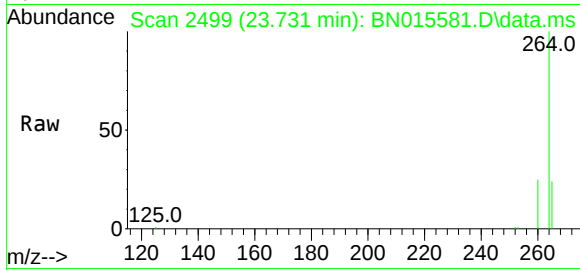
Tgt Ion:244 Resp: 54797
Ion Ratio Lower Upper
244 100
212 7.7 6.3 9.5
122 13.9 6.2 9.2#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.731 min Scan# 2499
 Delta R.T. 0.007 min
 Lab File: BN015581.D
 Acq: 15 Jul 2021 16:31

Instrument :
 BNA_N
 ClientSampleId :
 PB137284BL



Tgt Ion:264 Resp: 40950

Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.6	31.0
265	24.1	21.4	32.2

