

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032323\
 Data File : BN024507.D
 Acq On : 23 Mar 2023 10:54
 Operator : CG/JU
 Sample : PB151416BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB151416BL

Quant Time: Mar 24 02:35:42 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 24 02:34:14 2023
 Response via : Initial Calibration

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

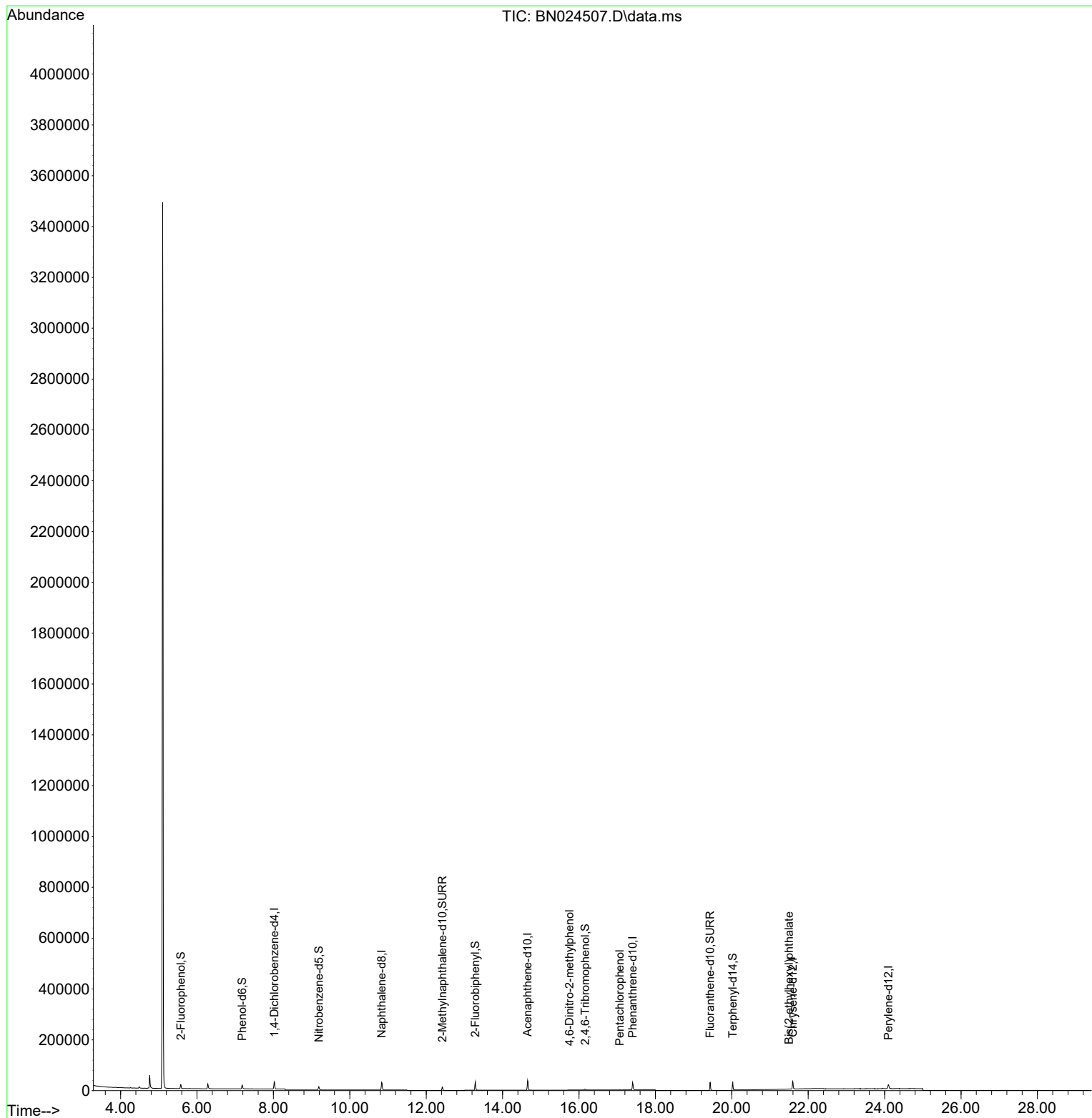
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.025	152	13839	0.400	ng	0.00
7) Naphthalene-d8	10.834	136	40187	0.400	ng	# 0.00
13) Acenaphthene-d10	14.654	164	21804	0.400	ng	0.00
19) Phenanthrene-d10	17.400	188	45099	0.400	ng	# 0.00
29) Chrysene-d12	21.592	240	31067	0.400	ng	# 0.00
35) Perylene-d12	24.100	264	26038	0.400	ng	# 0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.577	112	12678	0.414	ng	0.00
5) Phenol-d6	7.180	99	14891	0.378	ng	0.00
8) Nitrobenzene-d5	9.190	82	10626	0.396	ng	0.00
11) 2-Methylnaphthalene-d10	12.422	152	18725	0.379	ng	0.00
14) 2,4,6-Tribromophenol	16.159	330	2575	0.231	ng	0.01
15) 2-Fluorobiphenyl	13.285	172	27435	0.333	ng	0.00
27) Fluoranthene-d10	19.433	212	35659	0.373	ng	0.00
31) Terphenyl-d14	20.025	244	23335	0.445	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.749	198	7	0.179	ng	# 1
24) Pentachlorophenol	17.065	266	100	0.133	ng	# 75
34) Bis(2-ethylhexyl)phtha...	21.493	149	1189	0.024	ng	# 76

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

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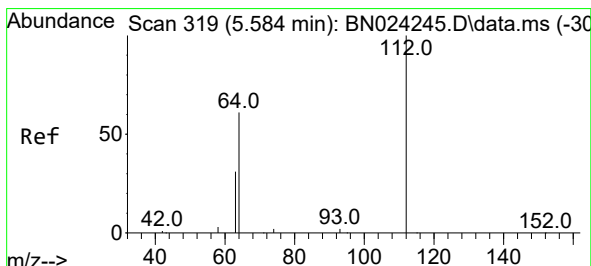
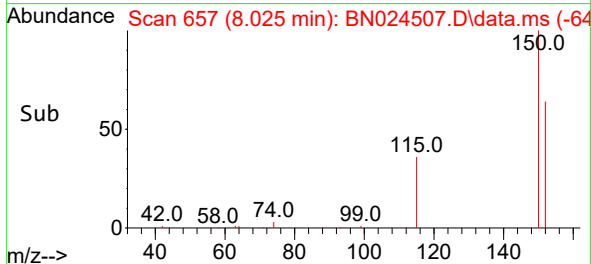
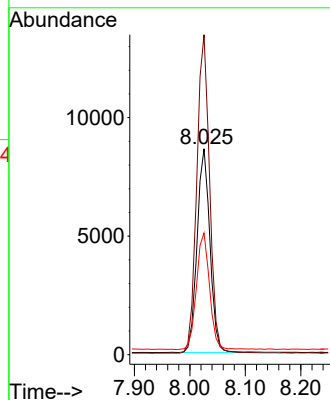
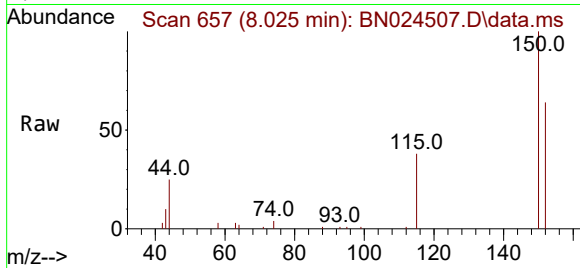




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.025 min Scan# 61
 Delta R.T. -0.001 min
 Lab File: BN024507.D
 Acq: 23 Mar 2023 10:54

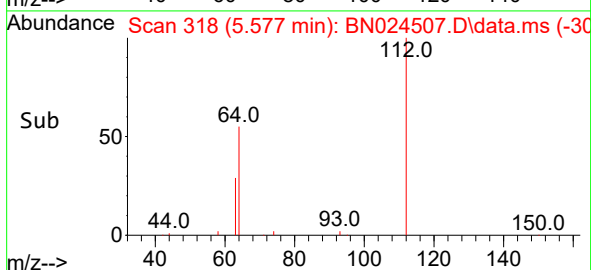
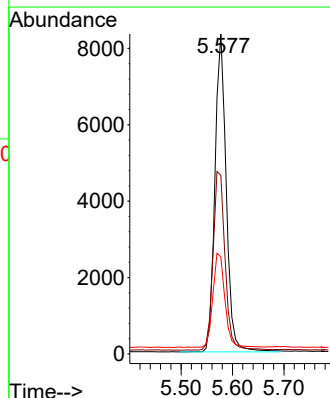
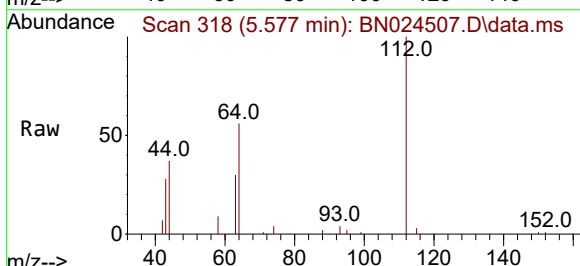
Instrument :
 BNA_N
 ClientSampleId :
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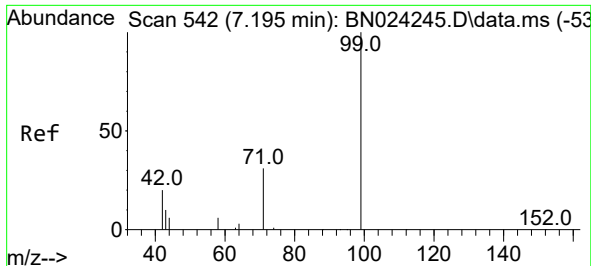
Tgt Ion:152 Resp: 13839
 Ion Ratio Lower Upper
 152 100
 150 155.4 124.7 187.1
 115 59.2 49.1 73.7



#4
 2-Fluorophenol
 Concen: 0.414 ng
 RT: 5.577 min Scan# 318
 Delta R.T. 0.007 min
 Lab File: BN024507.D
 Acq: 23 Mar 2023 10:54

Tgt Ion:112 Resp: 12678
 Ion Ratio Lower Upper
 112 100
 64 59.8 49.0 73.6
 63 31.6 25.7 38.5

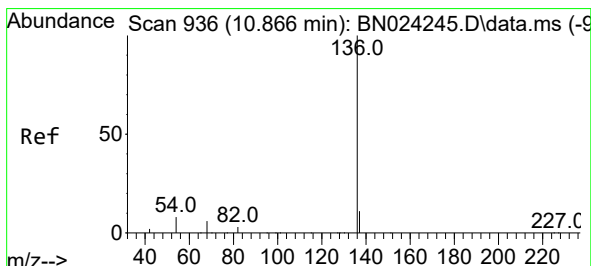
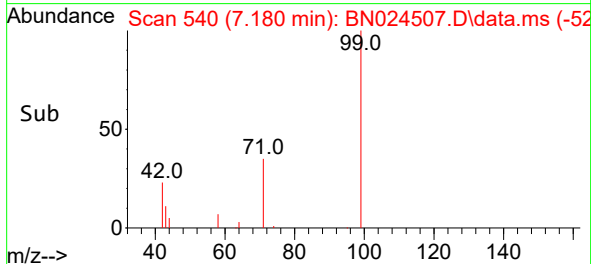
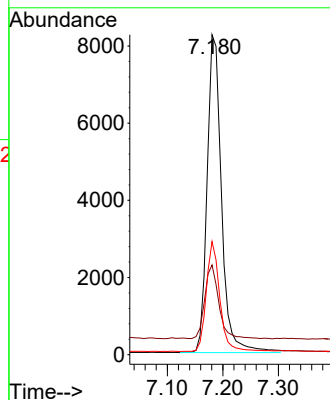
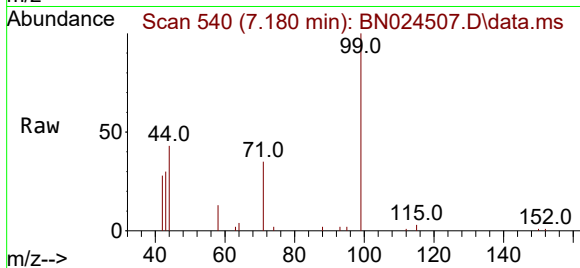




#5
Phenol-d6
Concen: 0.378 ng
RT: 7.180 min Scan# 54
Delta R.T. -0.000 min
Lab File: BN024507.D
Acq: 23 Mar 2023 10:54

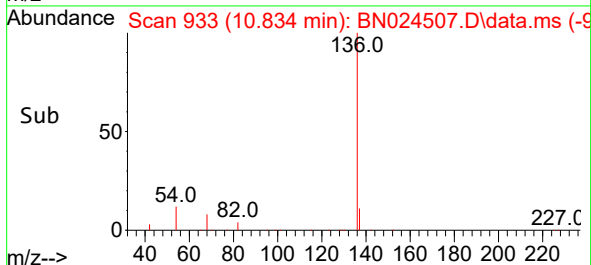
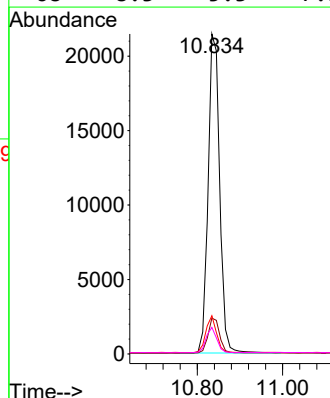
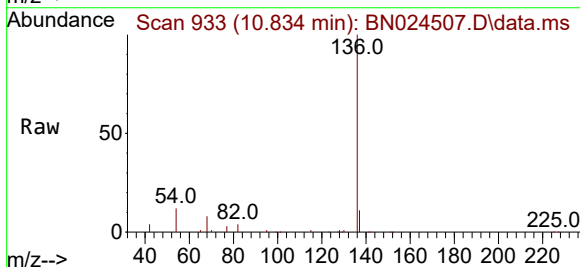
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BNA_N
ClientSampleId :
PB151416BL

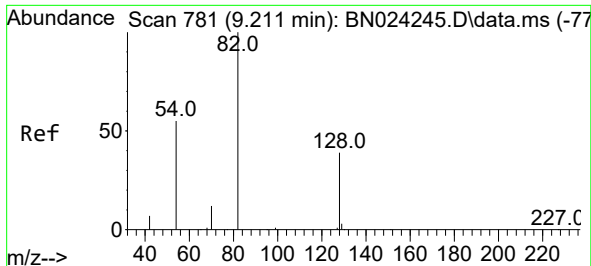
Tgt Ion: 99 Resp: 14891
Ion Ratio Lower Upper
99 100
42 22.7 20.1 30.1
71 32.6 25.8 38.8



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.834 min Scan# 933
Delta R.T. -0.000 min
Lab File: BN024507.D
Acq: 23 Mar 2023 10:54

Tgt Ion: 136 Resp: 40187
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 12.0 7.1 10.7#
68 8.3 5.3 7.9#

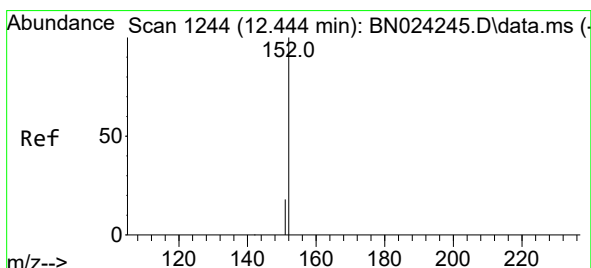
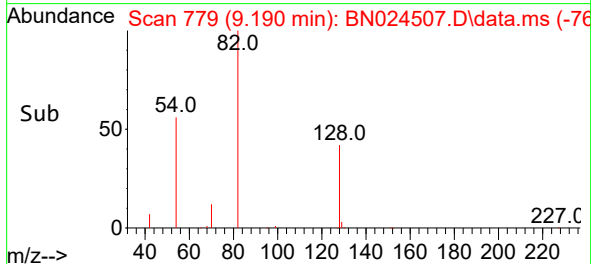
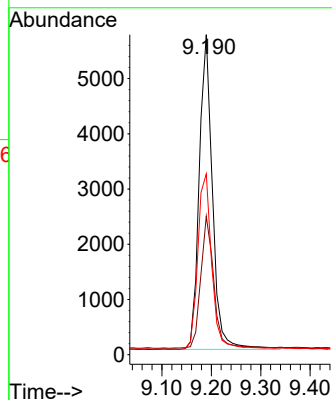
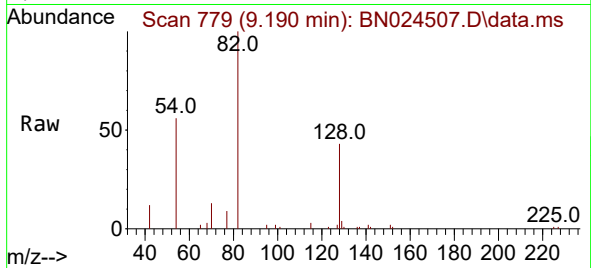




#8
Nitrobenzene-d5
Concen: 0.396 ng
RT: 9.190 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN024507.D
Acq: 23 Mar 2023 10:54

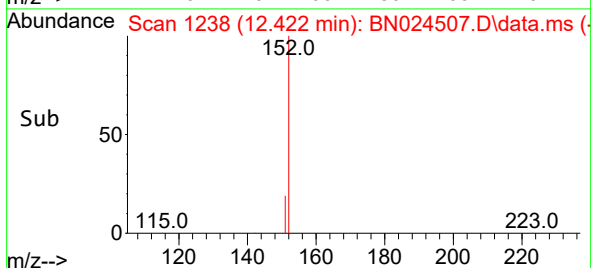
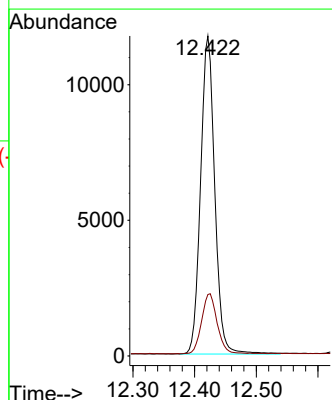
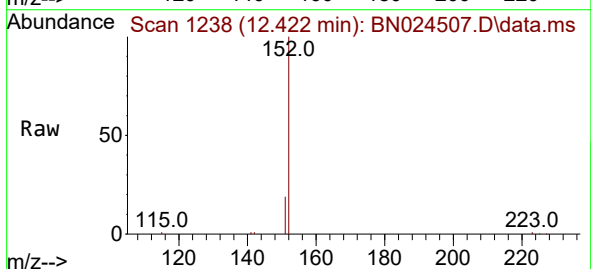
Instrument :
BNA_N
ClientSampleId :
PB151416BL

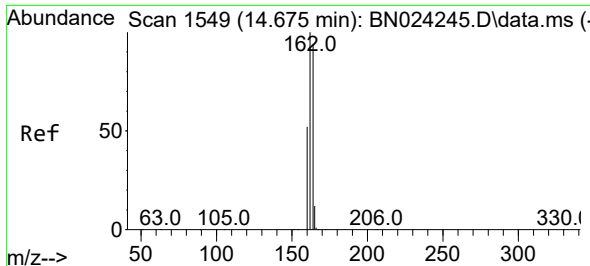
Tgt Ion: 82 Resp: 10626
Ion Ratio Lower Upper
82 100
128 43.2 32.4 48.6
54 56.5 45.2 67.8



#11
2-Methylnaphthalene-d10
Concen: 0.379 ng
RT: 12.422 min Scan# 1238
Delta R.T. 0.004 min
Lab File: BN024507.D
Acq: 23 Mar 2023 10:54

Tgt Ion: 152 Resp: 18725
Ion Ratio Lower Upper
152 100
151 20.6 16.8 25.2

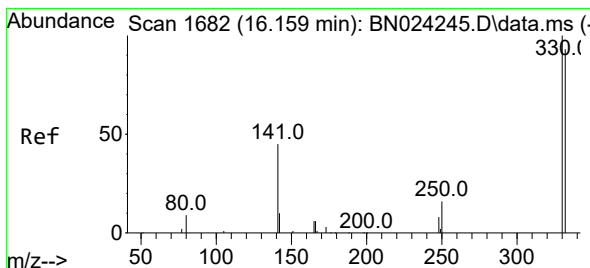
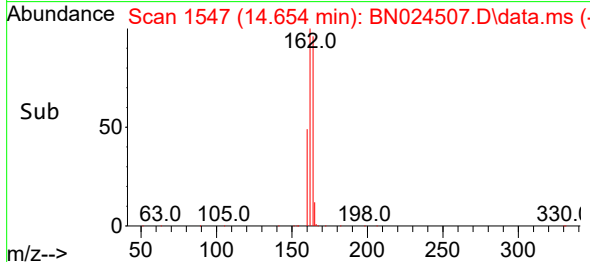
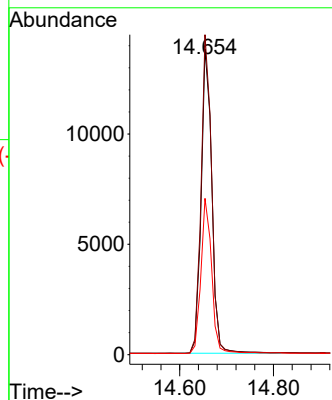
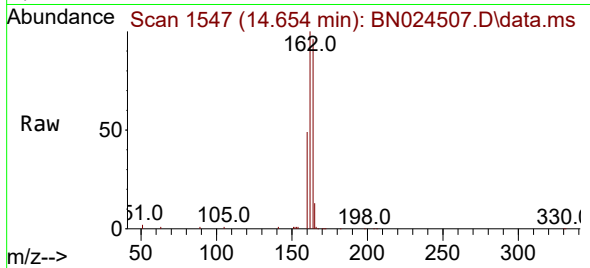




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.654 min Scan# 1547
 Delta R.T. -0.000 min
 Lab File: BN024507.D
 Acq: 23 Mar 2023 10:54

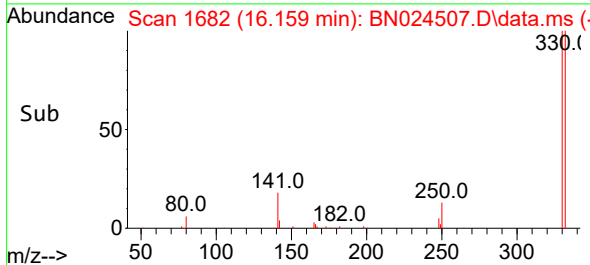
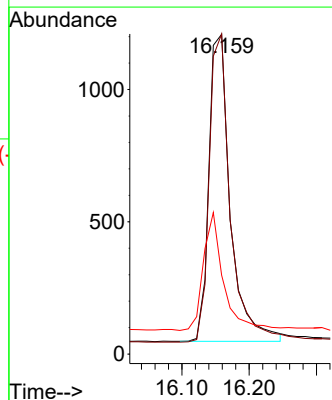
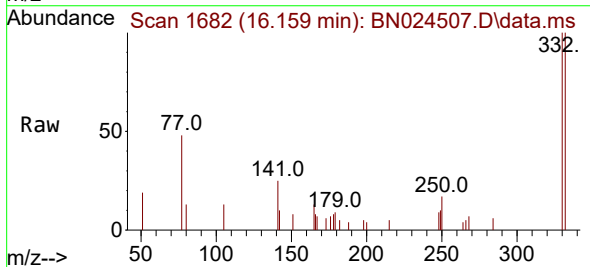
Instrument :
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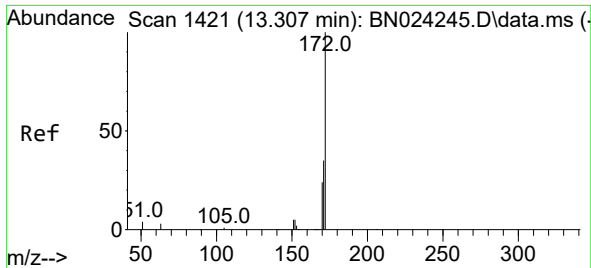
Tgt Ion:164 Resp: 21804
 Ion Ratio Lower Upper
 164 100
 162 104.6 84.7 127.1
 160 51.1 44.6 66.8



#14
 2,4,6-Tribromophenol
 Concen: 0.231 ng
 RT: 16.159 min Scan# 1682
 Delta R.T. 0.012 min
 Lab File: BN024507.D
 Acq: 23 Mar 2023 10:54

Tgt Ion:330 Resp: 2575
 Ion Ratio Lower Upper
 330 100
 332 98.7 78.0 117.0
 141 36.1 30.8 46.2

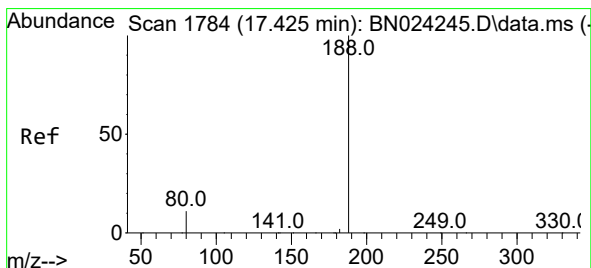
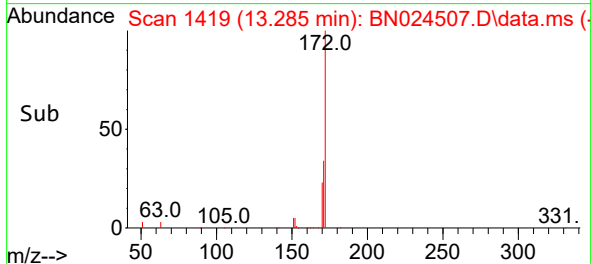
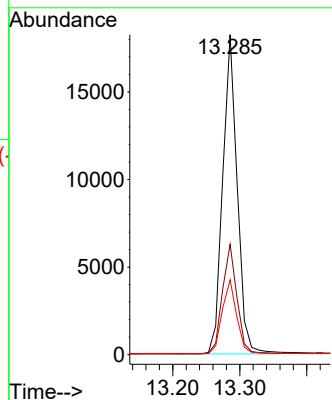
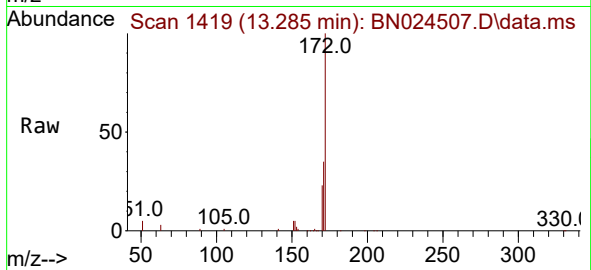




#15
2-Fluorobiphenyl
Concen: 0.333 ng
RT: 13.285 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BN024507.D
Acq: 23 Mar 2023 10:54

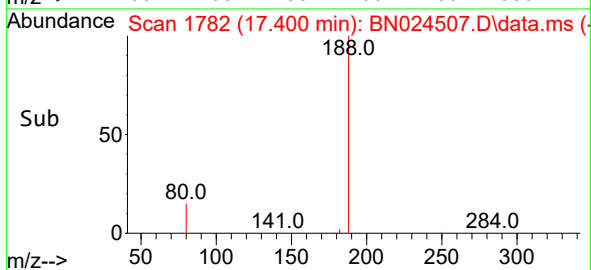
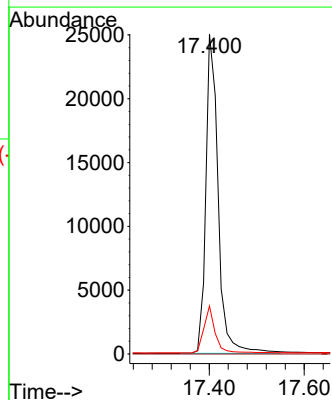
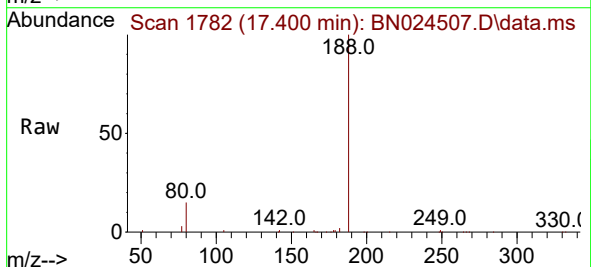
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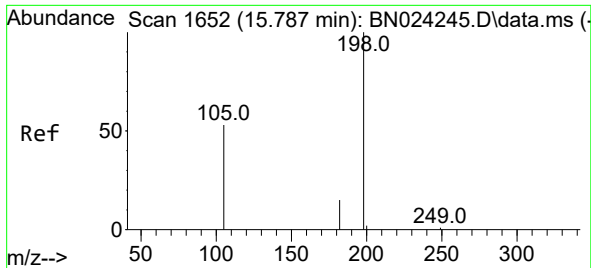
Tgt Ion:172 Resp: 27435
Ion Ratio Lower Upper
172 100
171 34.5 27.8 41.8
170 23.4 19.0 28.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.400 min Scan# 1782
Delta R.T. -0.000 min
Lab File: BN024507.D
Acq: 23 Mar 2023 10:54

Tgt Ion:188 Resp: 45099
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.0 8.9 13.3#

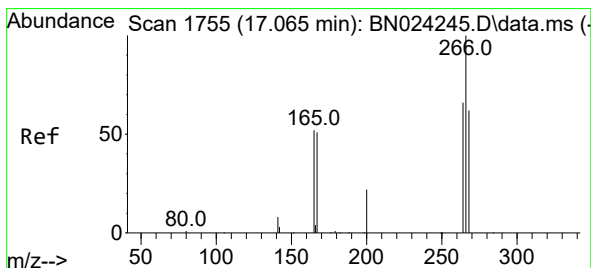
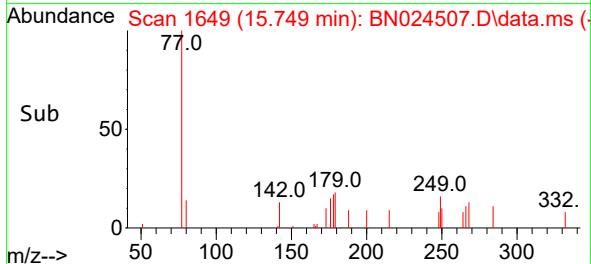
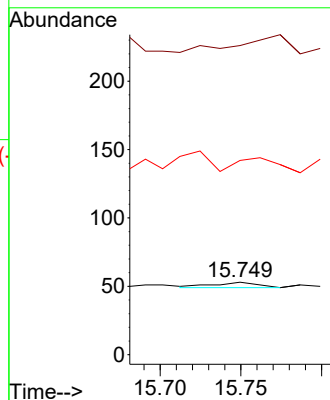
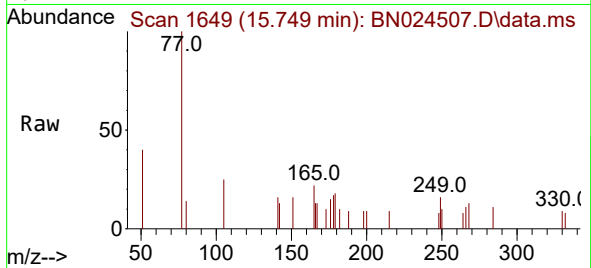




#20
4,6-Dinitro-2-methylphenol
Concen: 0.179 ng
RT: 15.749 min Scan# 1649
Delta R.T. -0.025 min
Lab File: BN024507.D
Acq: 23 Mar 2023 10:54

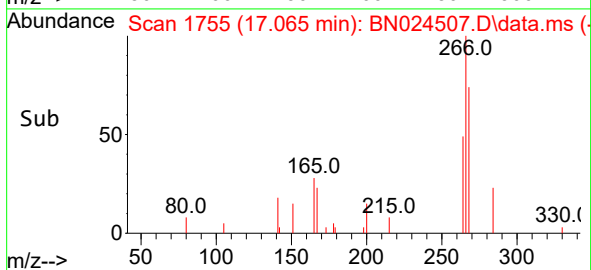
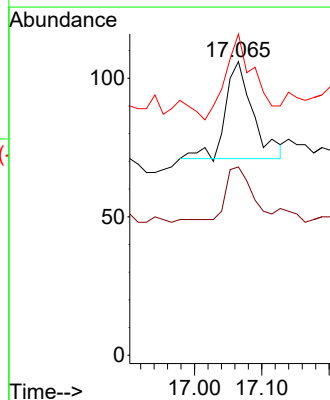
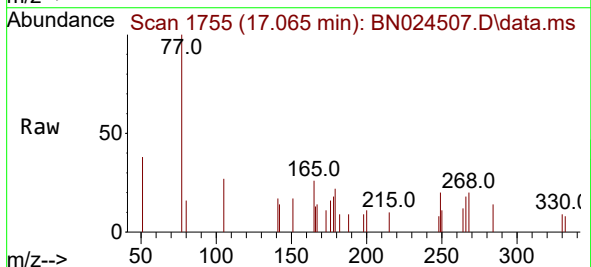
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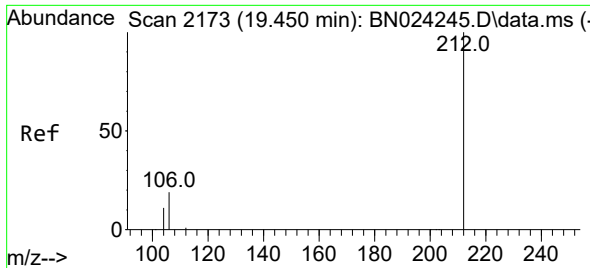
Tgt Ion:198 Resp: 7
Ion Ratio Lower Upper
198 100
51 426.4 68.2 102.2#
105 267.9 51.6 77.4#



#24
Pentachlorophenol
Concen: 0.133 ng
RT: 17.065 min Scan# 1755
Delta R.T. 0.012 min
Lab File: BN024507.D
Acq: 23 Mar 2023 10:54

Tgt Ion:266 Resp: 100
Ion Ratio Lower Upper
266 100
264 49.0 51.1 76.7#
268 89.0 52.2 78.4#

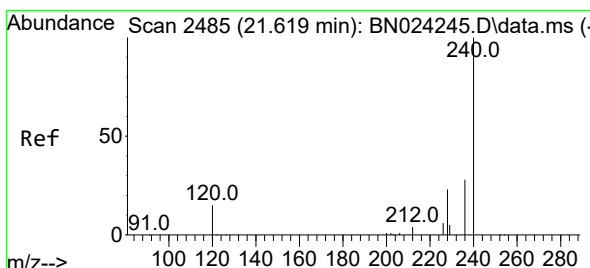
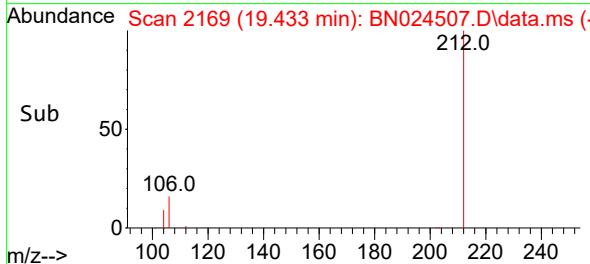
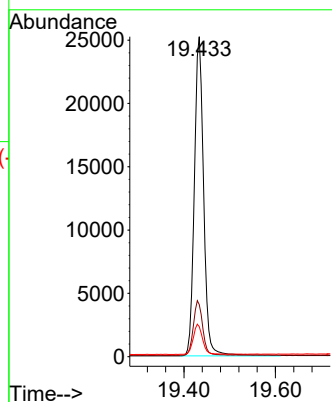
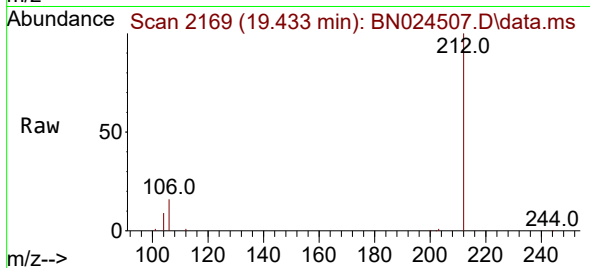




#27
Fluoranthene-d10
Concen: 0.373 ng
RT: 19.433 min Scan# 2169
Delta R.T. 0.004 min
Lab File: BN024507.D
Acq: 23 Mar 2023 10:54

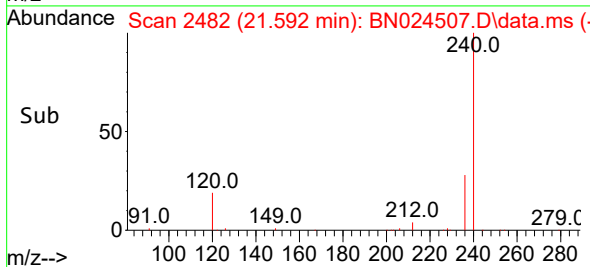
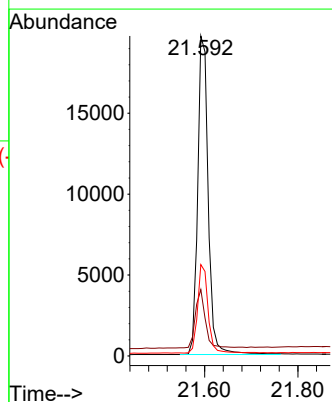
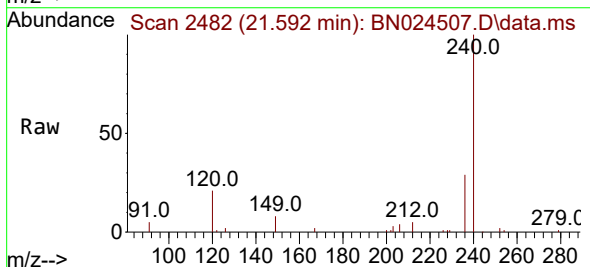
Instrument :
BNA_N
ClientSampleId :
PB151416BL

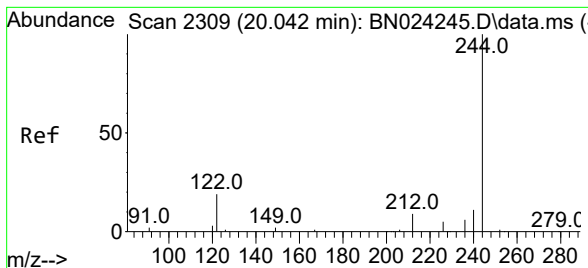
Tgt Ion:212 Resp: 35659
Ion Ratio Lower Upper
212 100
106 17.2 15.4 23.2
104 9.4 8.6 13.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.592 min Scan# 2482
Delta R.T. -0.009 min
Lab File: BN024507.D
Acq: 23 Mar 2023 10:54

Tgt Ion:240 Resp: 31067
Ion Ratio Lower Upper
240 100
120 20.7 12.8 19.2#
236 28.5 22.5 33.7





#31

Terphenyl-d14

Concen: 0.445 ng

RT: 20.025 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN024507.D

Acq: 23 Mar 2023 10:54

Instrument :

BNA_N

ClientSampleId :

PB151416BL

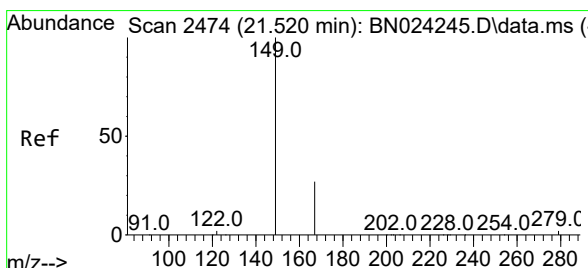
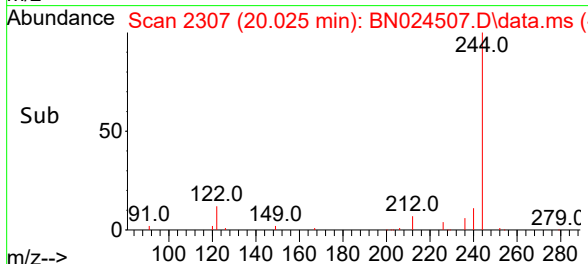
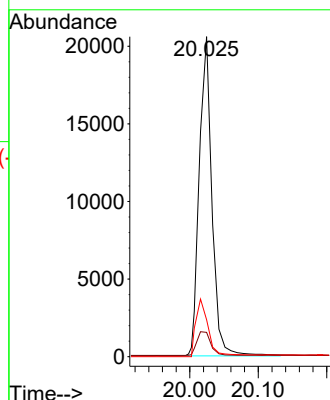
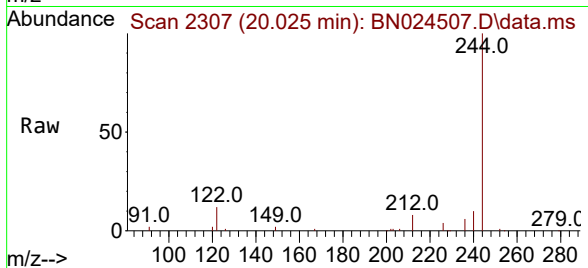
Tgt Ion:244 Resp: 23335

Ion Ratio Lower Upper

244 100

212 7.6 7.6 11.4

122 11.5 15.1 22.7#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.024 ng

RT: 21.493 min Scan# 2471

Delta R.T. -0.000 min

Lab File: BN024507.D

Acq: 23 Mar 2023 10:54

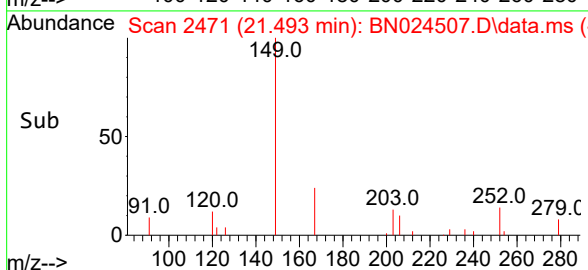
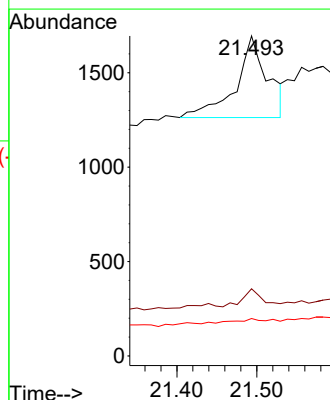
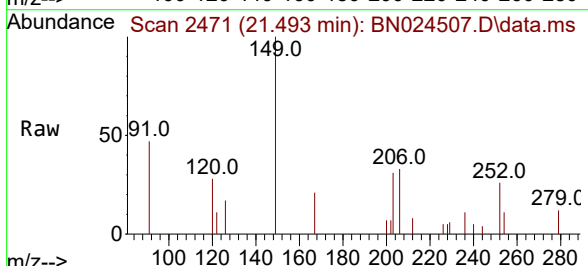
Tgt Ion:149 Resp: 1189

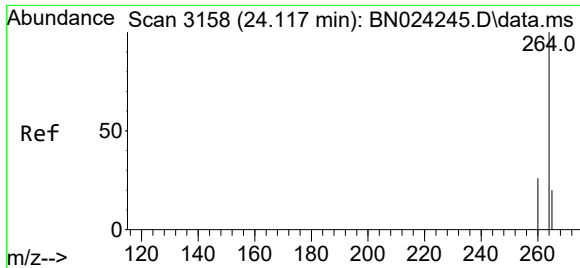
Ion Ratio Lower Upper

149 100

167 13.7 21.2 31.8#

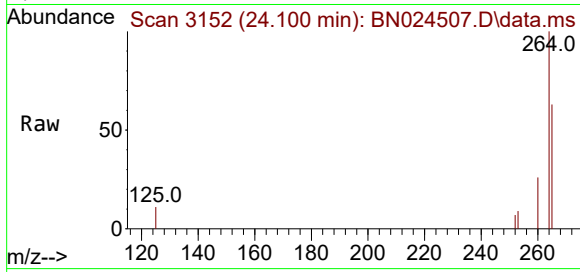
279 5.9 1.8 2.8#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.100 min Scan# 31
 Delta R.T. 0.017 min
 Lab File: BN024507.D
 Acq: 23 Mar 2023 10:54

Instrument :
 BNA_N
 ClientSampleId :
 PB151416BL



Tgt Ion: 264 Resp: 26038

Ion	Ratio	Lower	Upper
264	100		
260	26.2	21.4	32.2
265	62.8	35.7	53.5

