

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101922\
 Data File : BN022180.D
 Acq On : 18 Oct 2022 16:49
 Operator : CG/JU
 Sample : PB148223BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB148223BL

Quant Time: Oct 19 02:09:16 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 19 02:07:41 2022
 Response via : Initial Calibration

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

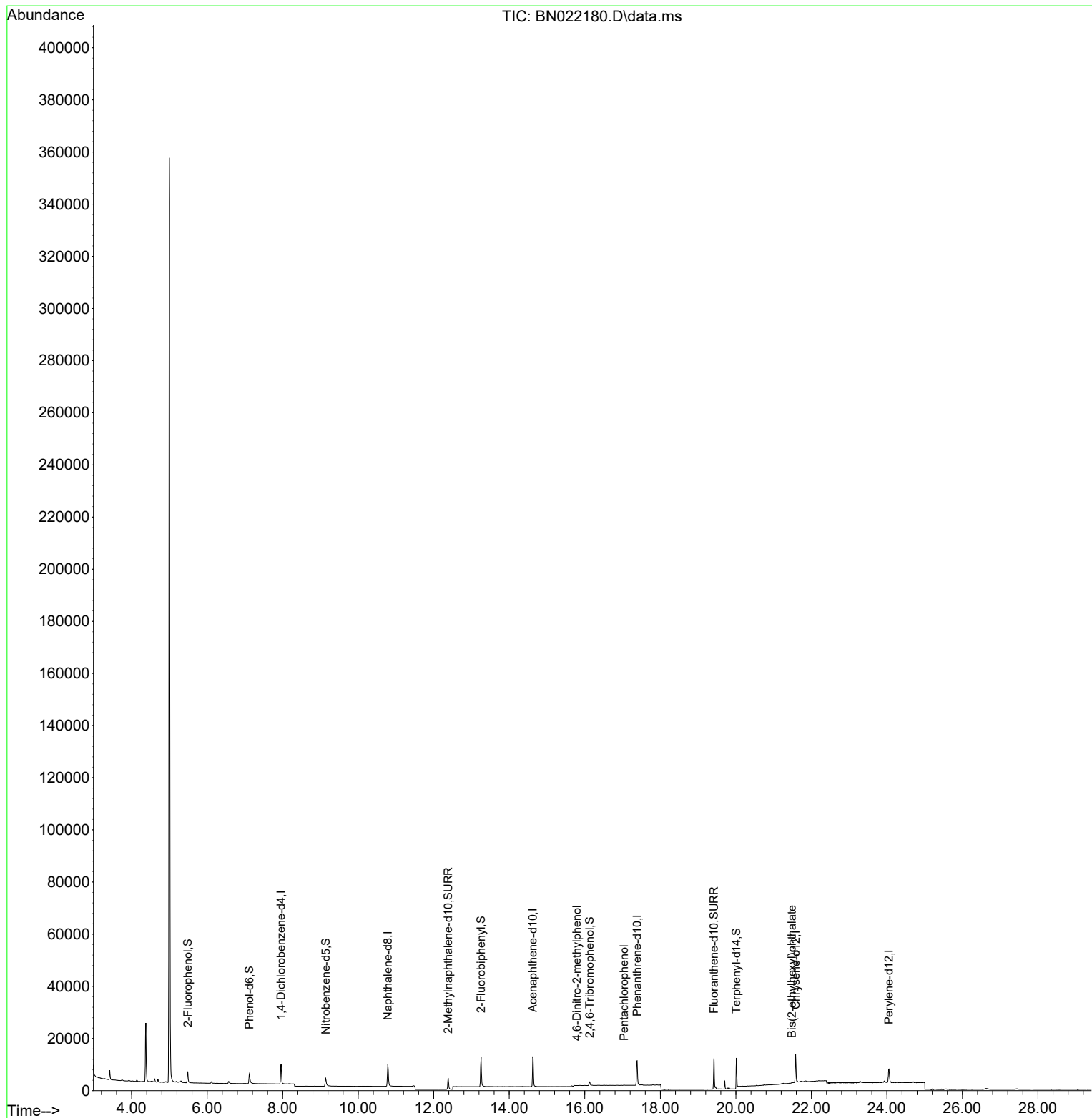
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	4006	0.400	ng	0.00
7) Naphthalene-d8	10.784	136	12682	0.400	ng	0.00
13) Acenaphthene-d10	14.621	164	7504	0.400	ng	0.00
19) Phenanthrene-d10	17.387	188	15369	0.400	ng	0.00
29) Chrysene-d12	21.582	240	9695	0.400	ng	# 0.00
35) Perylene-d12	24.052	264	7767	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.487	112	3949	0.426	ng	0.00
5) Phenol-d6	7.119	99	4830	0.401	ng	0.00
8) Nitrobenzene-d5	9.140	82	3585	0.352	ng	0.01
11) 2-Methylnaphthalene-d10	12.380	152	7694	0.330	ng	0.00
14) 2,4,6-Tribromophenol	16.134	330	932	0.326	ng	0.01
15) 2-Fluorobiphenyl	13.253	172	10852	0.331	ng	0.00
27) Fluoranthene-d10	19.420	212	12930	0.316	ng	0.00
31) Terphenyl-d14	20.015	244	8473	0.435	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.786	198	3	0.193	ng	# 1
24) Pentachlorophenol	17.040	266	86	0.024	ng	98
34) Bis(2-ethylhexyl)phtha...	21.483	149	506	0.029	ng	# 92

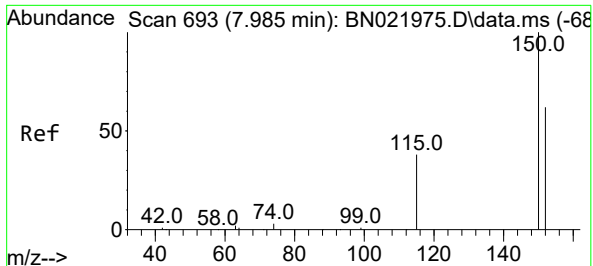
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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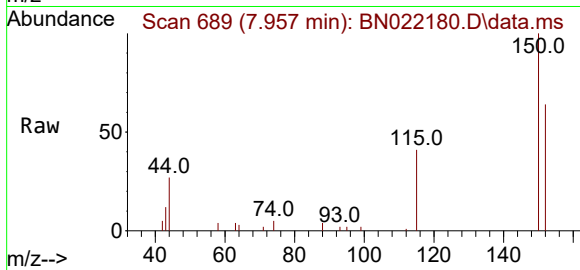
Quant Time: Oct 19 02:09:16 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100322.M
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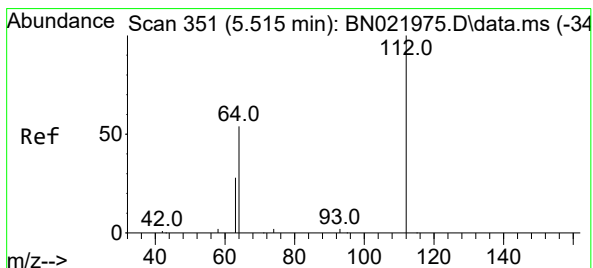
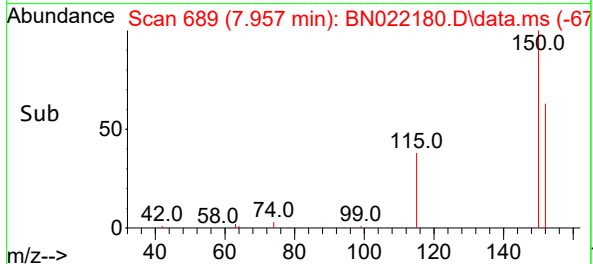
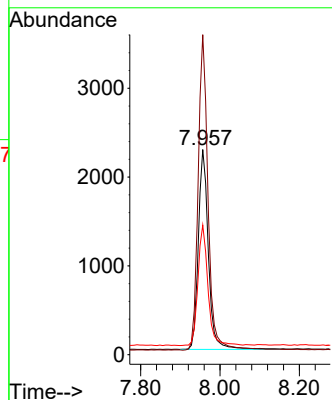


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.957 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN022180.D
 Acq: 18 Oct 2022 16:49

Instrument :
 BNA_N
 ClientSampleId :
 PB148223BL

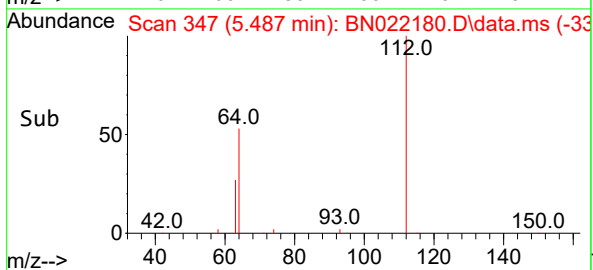
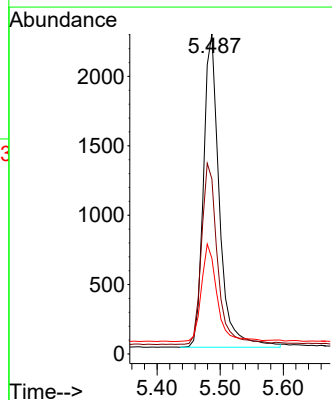
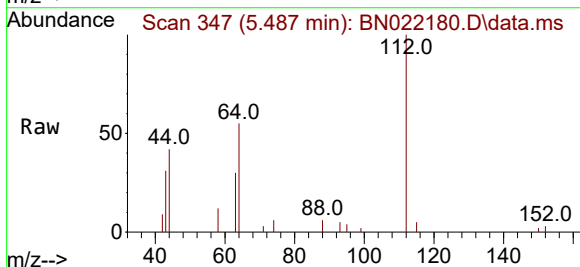


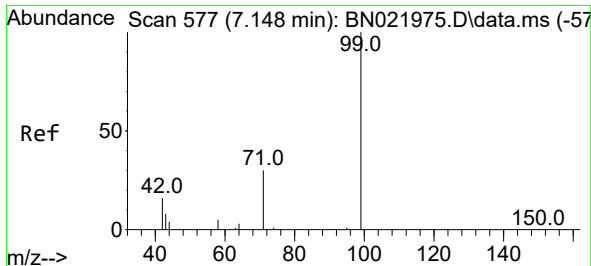
Tgt Ion:152 Resp: 4006
 Ion Ratio Lower Upper
 152 100
 150 156.0 127.2 190.8
 115 63.2 51.4 77.0



#4
 2-Fluorophenol
 Concen: 0.426 ng
 RT: 5.487 min Scan# 347
 Delta R.T. 0.007 min
 Lab File: BN022180.D
 Acq: 18 Oct 2022 16:49

Tgt Ion:112 Resp: 3949
 Ion Ratio Lower Upper
 112 100
 64 58.2 46.9 70.3
 63 30.7 24.6 37.0

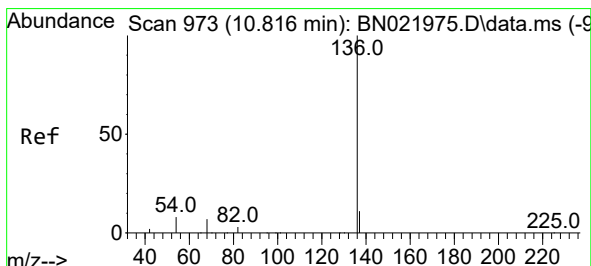
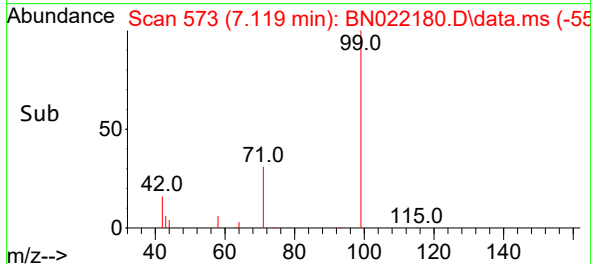
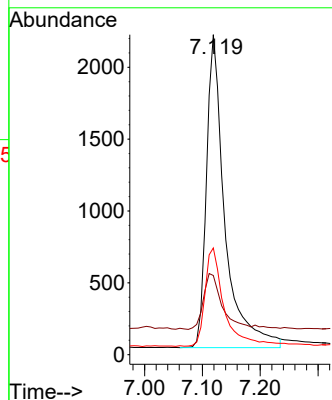
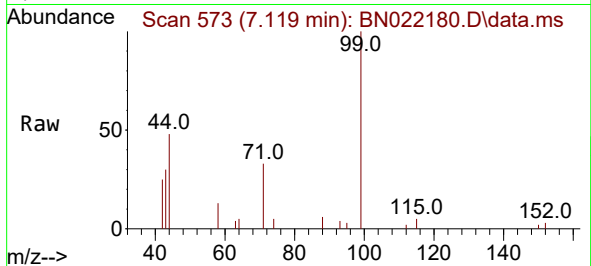




#5
Phenol-d6
Concen: 0.401 ng
RT: 7.119 min Scan# 51
Delta R.T. 0.007 min
Lab File: BN022180.D
Acq: 18 Oct 2022 16:49

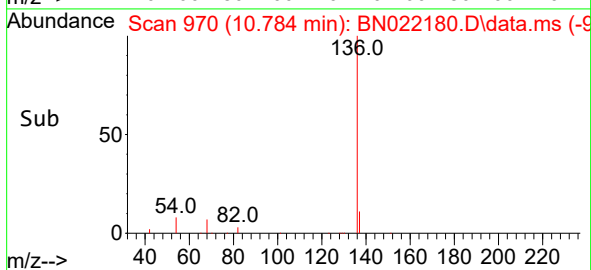
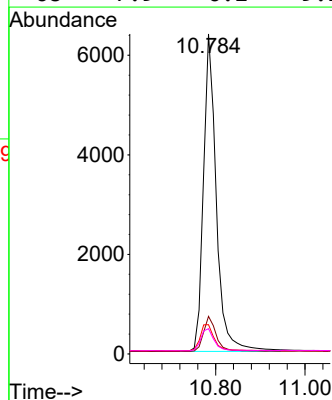
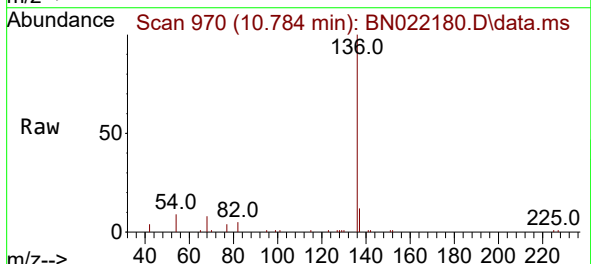
Instrument :
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ClientSampleId :
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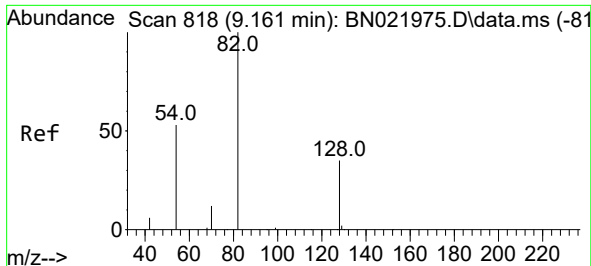
Tgt Ion: 99 Resp: 4830
Ion Ratio Lower Upper
99 100
42 18.0 15.9 23.9
71 32.8 25.6 38.4



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.784 min Scan# 970
Delta R.T. 0.000 min
Lab File: BN022180.D
Acq: 18 Oct 2022 16:49

Tgt Ion: 136 Resp: 12682
Ion Ratio Lower Upper
136 100
137 11.8 9.2 13.8
54 9.1 7.1 10.7
68 7.9 6.2 9.2

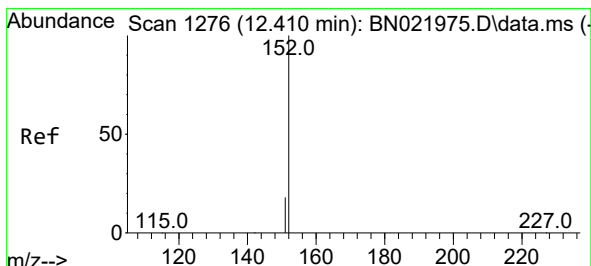
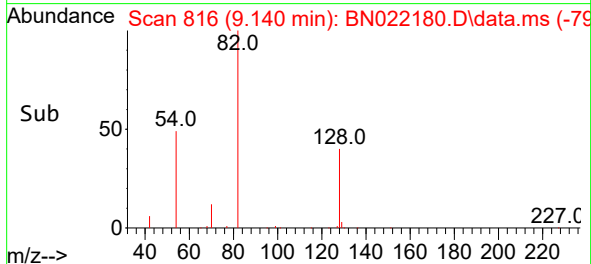
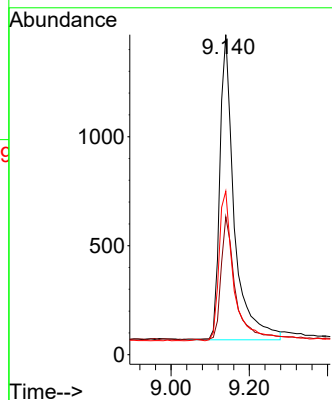
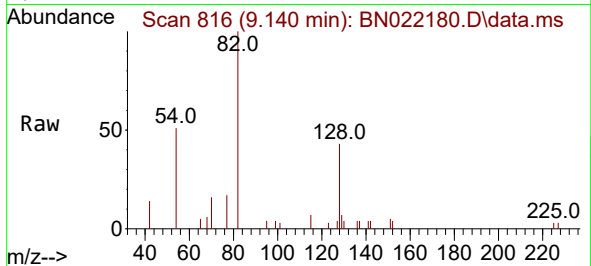




#8
Nitrobenzene-d5
Concen: 0.352 ng
RT: 9.140 min Scan# 81
Delta R.T. 0.011 min
Lab File: BN022180.D
Acq: 18 Oct 2022 16:49

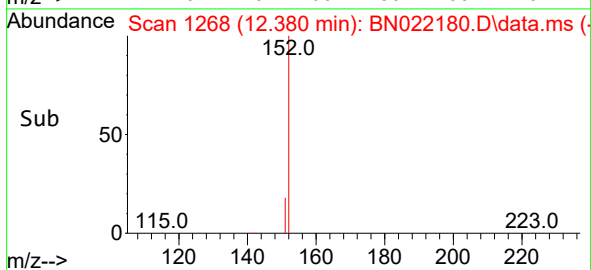
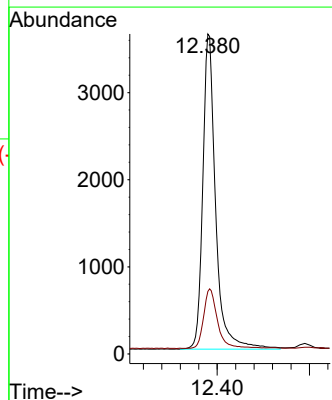
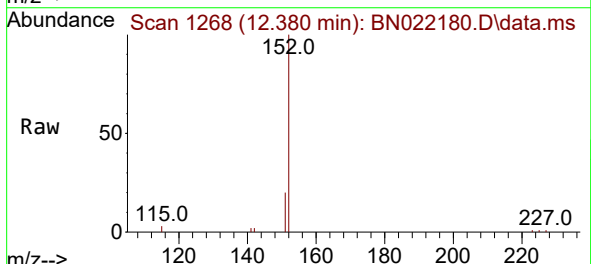
Instrument :
BNA_N
ClientSampleId :
PB148223BL

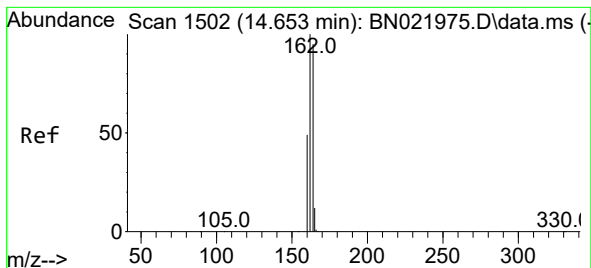
Tgt Ion: 82 Resp: 3585
Ion Ratio Lower Upper
82 100
128 43.1 29.9 44.9
54 51.1 43.5 65.3



#11
2-Methylnaphthalene-d10
Concen: 0.330 ng
RT: 12.380 min Scan# 1268
Delta R.T. 0.000 min
Lab File: BN022180.D
Acq: 18 Oct 2022 16:49

Tgt Ion: 152 Resp: 7694
Ion Ratio Lower Upper
152 100
151 18.6 13.8 20.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.621 min Scan# 14

Delta R.T. 0.000 min

Lab File: BN022180.D

Acq: 18 Oct 2022 16:49

Instrument :

BNA_N

ClientSampleId :

PB148223BL

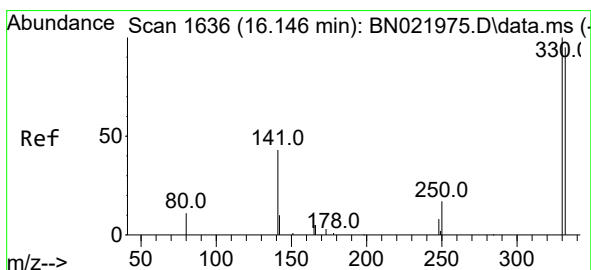
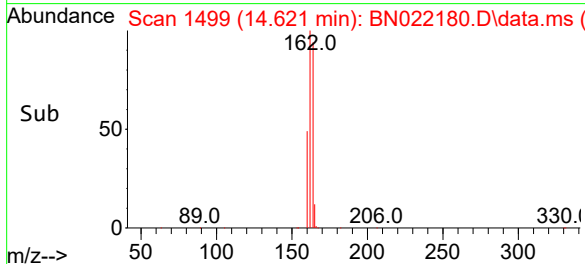
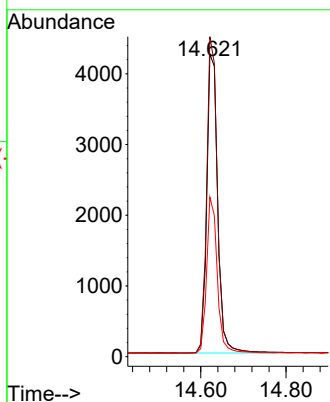
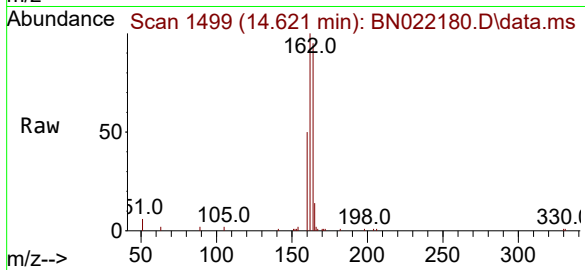
Tgt Ion:164 Resp: 7504

Ion Ratio Lower Upper

164 100

162 105.8 84.3 126.5

160 52.7 41.7 62.5



#14

2,4,6-Tribromophenol

Concen: 0.326 ng

RT: 16.134 min Scan# 1635

Delta R.T. 0.012 min

Lab File: BN022180.D

Acq: 18 Oct 2022 16:49

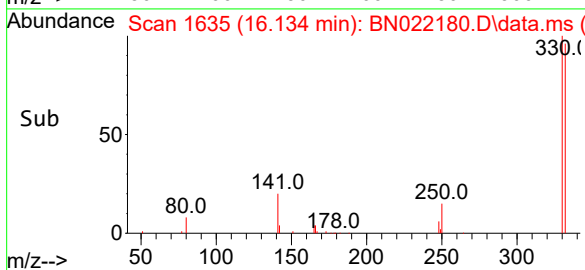
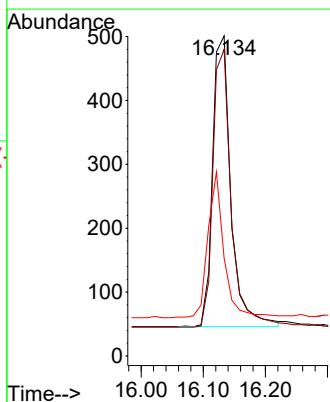
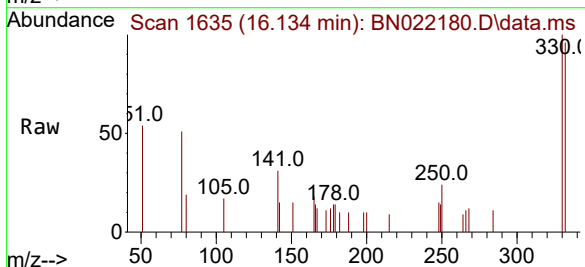
Tgt Ion:330 Resp: 932

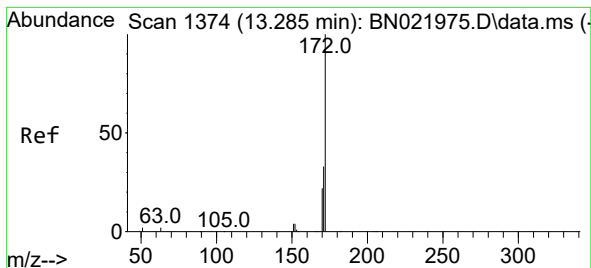
Ion Ratio Lower Upper

330 100

332 95.7 77.0 115.4

141 44.3 35.3 52.9





#15

2-Fluorobiphenyl

Concen: 0.331 ng

RT: 13.253 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN022180.D

Acq: 18 Oct 2022 16:49

Instrument :

BNA_N

ClientSampleId :

PB148223BL

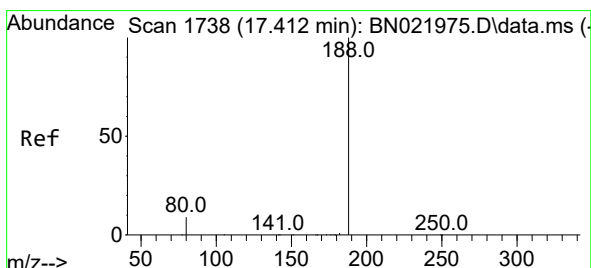
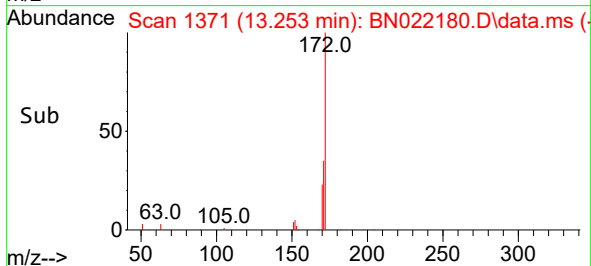
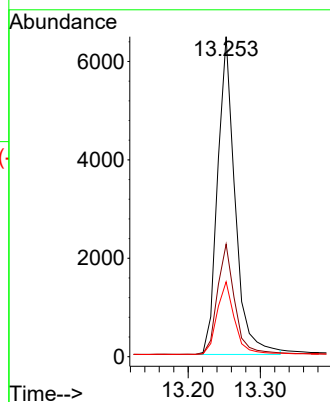
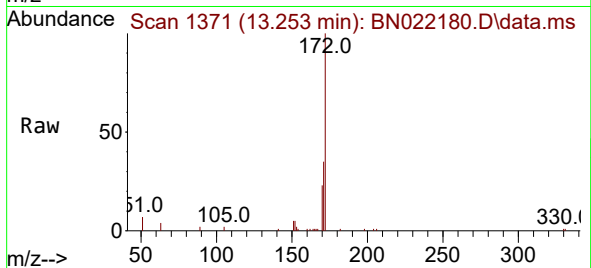
Tgt Ion:172 Resp: 10852

Ion Ratio Lower Upper

172 100

171 35.2 27.2 40.8

170 23.4 18.3 27.5



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.387 min Scan# 1736

Delta R.T. 0.000 min

Lab File: BN022180.D

Acq: 18 Oct 2022 16:49

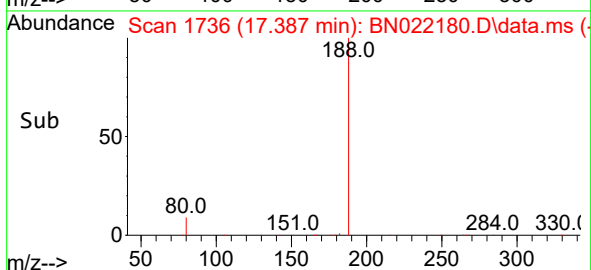
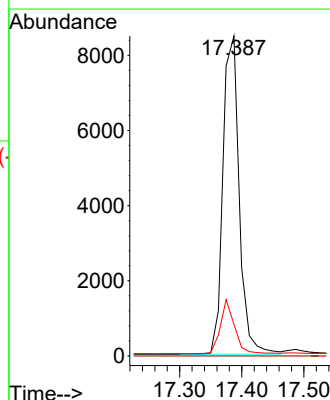
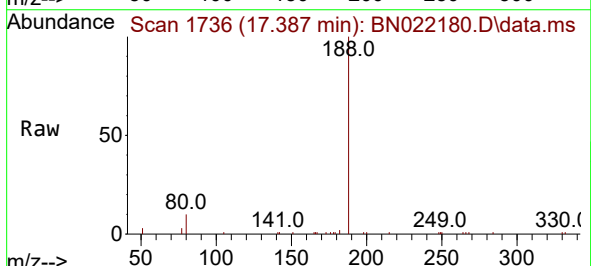
Tgt Ion:188 Resp: 15369

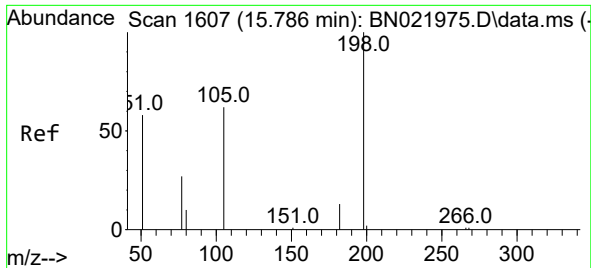
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.9 7.5 11.3

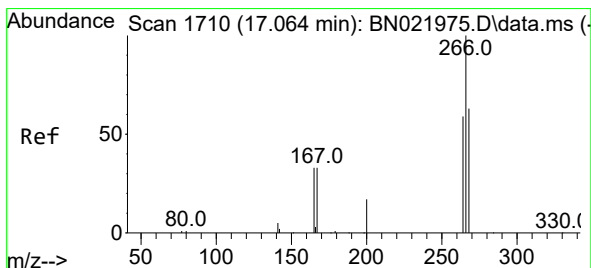
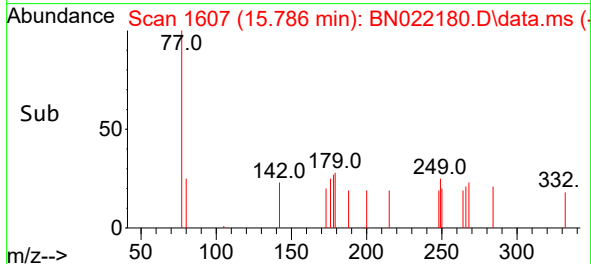
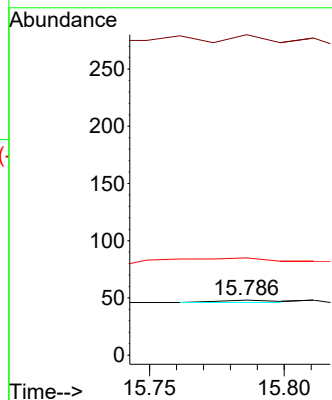
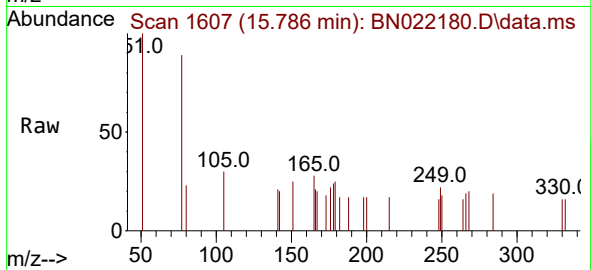




#20
4,6-Dinitro-2-methylphenol
Concen: 0.193 ng
RT: 15.786 min Scan# 11
Delta R.T. 0.012 min
Lab File: BN022180.D
Acq: 18 Oct 2022 16:49

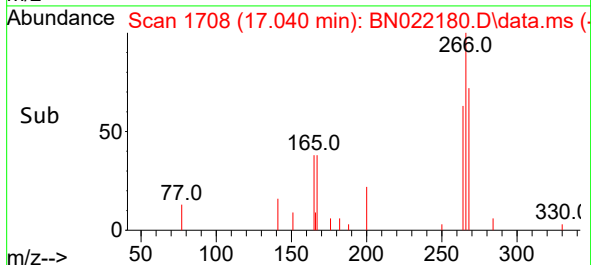
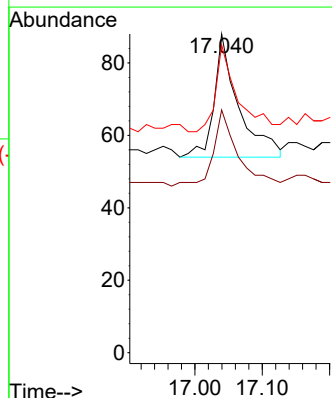
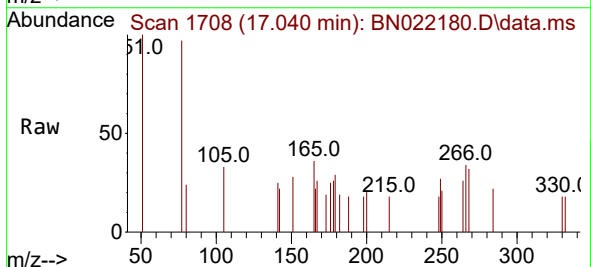
Instrument :
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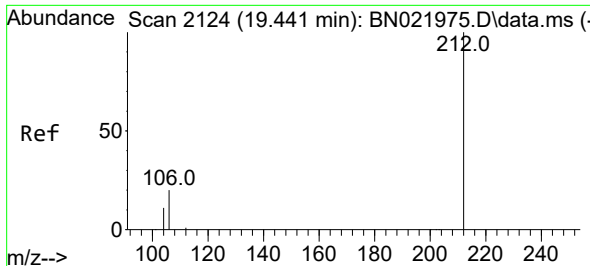
Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
51 583.3 96.6 144.8#
105 177.1 64.4 96.6#



#24
Pentachlorophenol
Concen: 0.024 ng
RT: 17.040 min Scan# 1708
Delta R.T. 0.000 min
Lab File: BN022180.D
Acq: 18 Oct 2022 16:49

Tgt Ion:266 Resp: 86
Ion Ratio Lower Upper
266 100
264 61.6 49.8 74.6
268 64.0 49.6 74.4

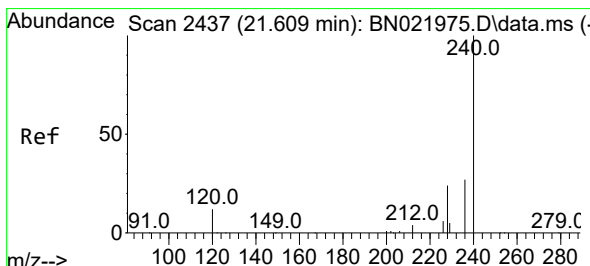
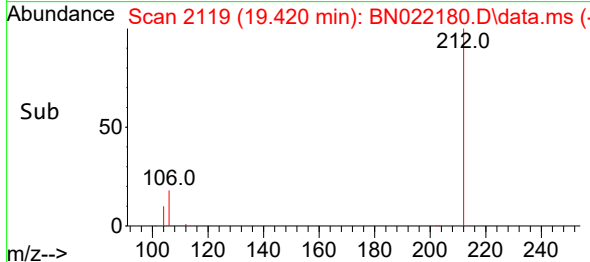
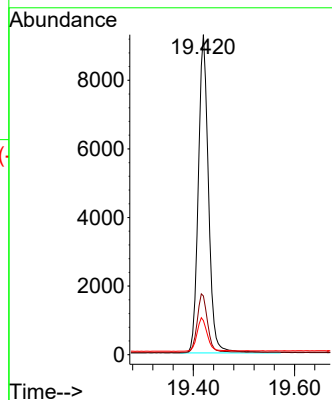
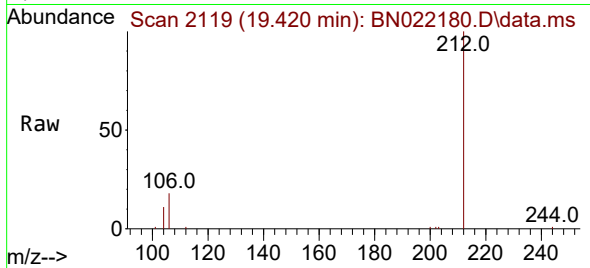




#27
Fluoranthene-d10
Concen: 0.316 ng
RT: 19.420 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BN022180.D
Acq: 18 Oct 2022 16:49

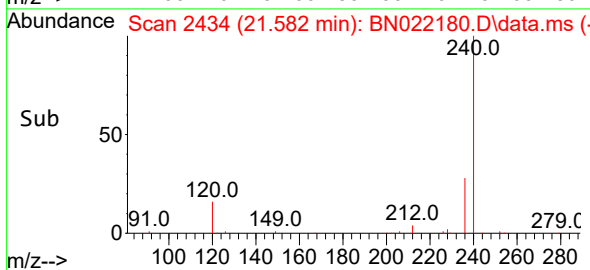
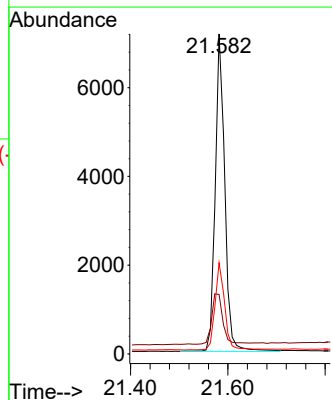
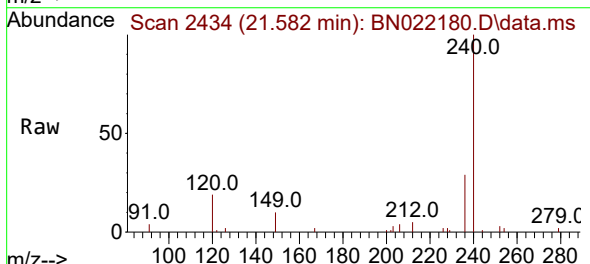
Instrument :
BNA_N
ClientSampleId :
PB148223BL

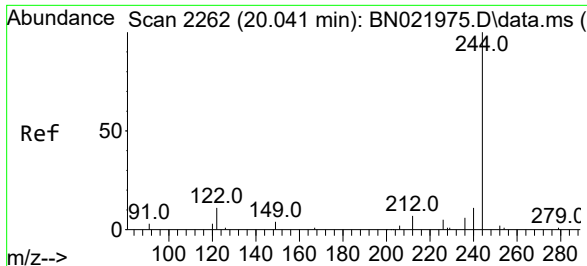
Tgt Ion:212 Resp: 12930
Ion Ratio Lower Upper
212 100
106 18.9 15.2 22.8
104 10.7 8.6 13.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.582 min Scan# 2434
Delta R.T. 0.000 min
Lab File: BN022180.D
Acq: 18 Oct 2022 16:49

Tgt Ion:240 Resp: 9695
Ion Ratio Lower Upper
240 100
120 18.6 11.8 17.6#
236 28.5 22.4 33.6

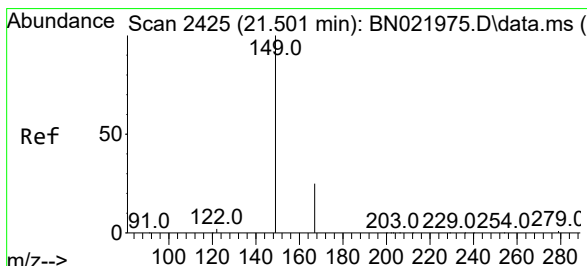
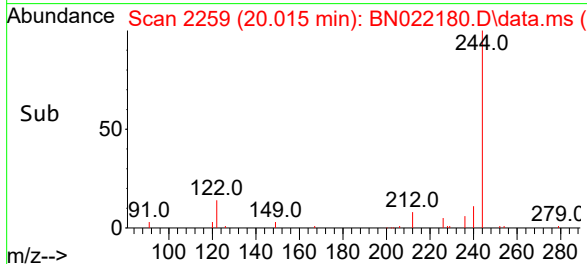
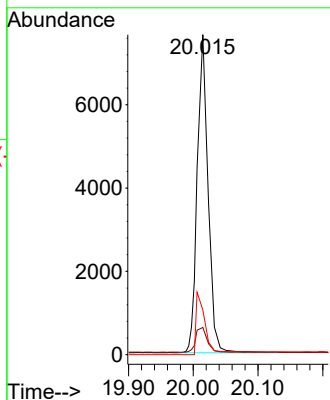
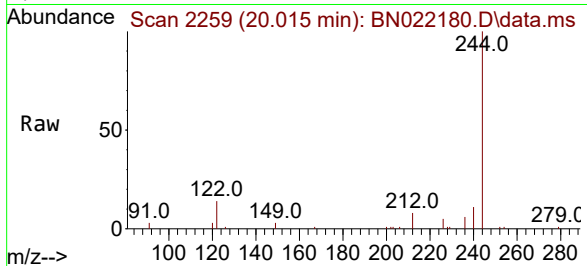




#31
 Terphenyl-d14
 Concen: 0.435 ng
 RT: 20.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN022180.D
 Acq: 18 Oct 2022 16:49

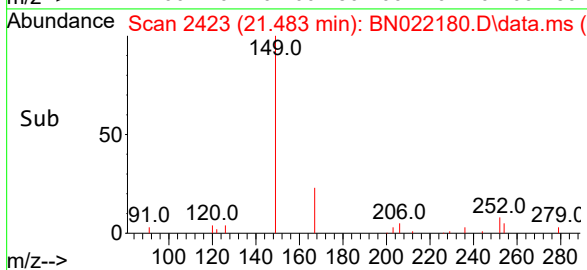
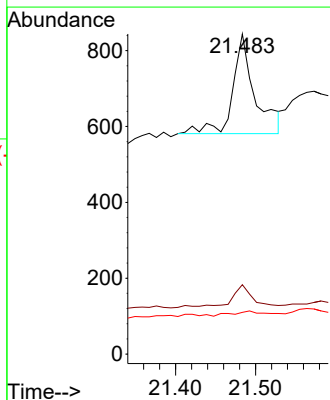
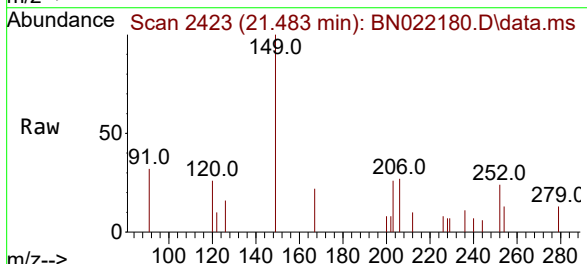
Instrument :
 BNA_N
 ClientSampleId :
 PB148223BL

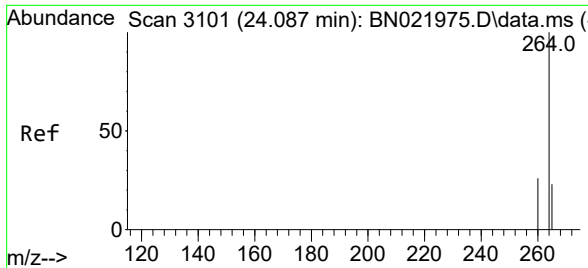
Tgt Ion:244 Resp: 8473
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.5 9.7
 122 14.0 9.1 13.7#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.029 ng
 RT: 21.483 min Scan# 2423
 Delta R.T. 0.000 min
 Lab File: BN022180.D
 Acq: 18 Oct 2022 16:49

Tgt Ion:149 Resp: 506
 Ion Ratio Lower Upper
 149 100
 167 21.5 20.2 30.4
 279 6.9 2.3 3.5#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.052 min Scan# 30
 Delta R.T. 0.000 min
 Lab File: BN022180.D
 Acq: 18 Oct 2022 16:49

Instrument :
 BNA_N
 ClientSampleId :
 PB148223BL

Tgt Ion:264 Resp: 7767

Ion	Ratio	Lower	Upper
264	100		
260	27.1	21.3	31.9
265	70.3	63.0	94.4

