

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020823\
 Data File : BN023991.D
 Acq On : 08 Feb 2023 16:06
 Operator : CG/JU
 Sample : 01479-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PW-B6-L10-D-020723

Quant Time: Feb 08 17:19:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN020723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 08 02:37:27 2023
 Response via : Initial Calibration

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

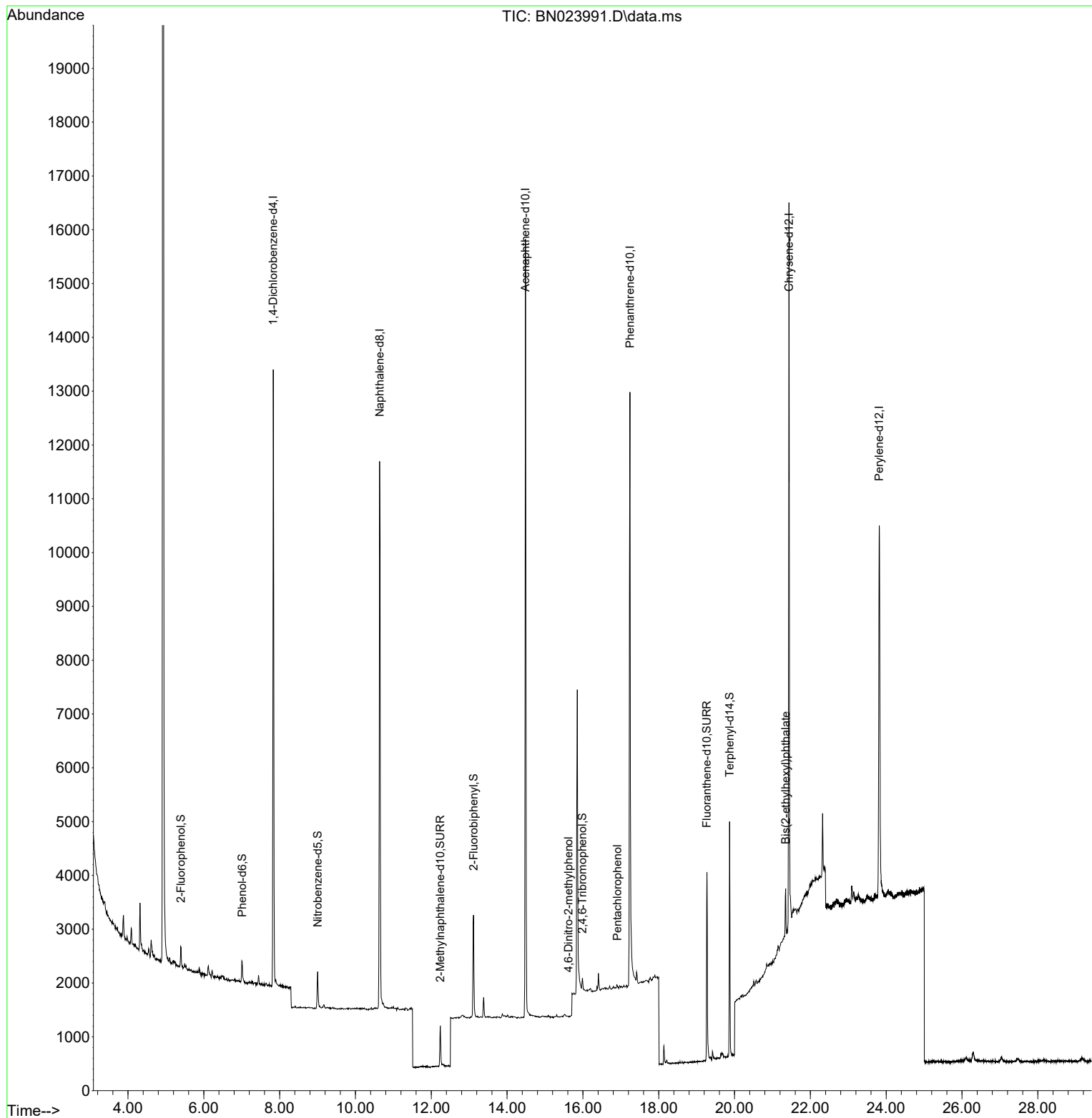
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	5512	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	13456	0.400	ng	#-0.01
13) Acenaphthene-d10	14.484	164	7843	0.400	ng	0.00
19) Phenanthrene-d10	17.241	188	17410	0.400	ng	0.00
29) Chrysene-d12	21.437	240	12613	0.400	ng	0.00
35) Perylene-d12	23.816	264	10425	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	331	0.029	ng	0.00
5) Phenol-d6	7.009	99	404	0.030	ng	0.00
8) Nitrobenzene-d5	9.003	82	603	0.056	ng	0.00
11) 2-Methylnaphthalene-d10	12.234	152	1078	0.058	ng	0.00
14) 2,4,6-Tribromophenol	15.987	330	155	0.038	ng	0.00
15) 2-Fluorobiphenyl	13.116	172	1826	0.059	ng	0.00
27) Fluoranthene-d10	19.270	212	4163	0.099	ng	0.00
31) Terphenyl-d14	19.869	244	4694	0.199	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.618	198	6	0.194	ng	# 1
24) Pentachlorophenol	16.905	266	29	0.172	ng	# 3
34) Bis(2-ethylhexyl)phtha...	21.347	149	1079	0.058	ng	# 96

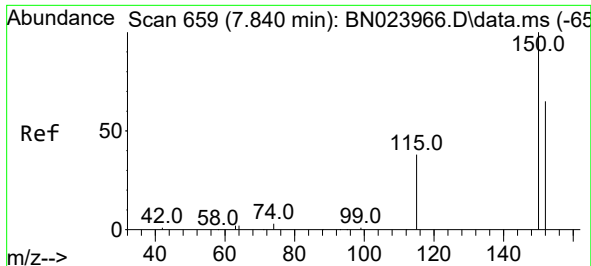
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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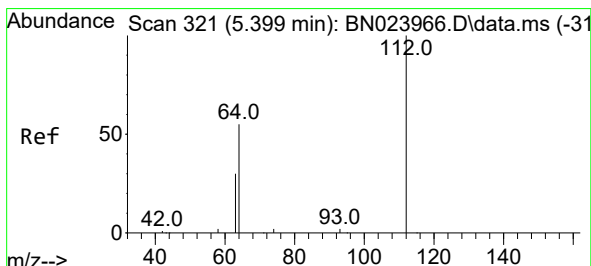
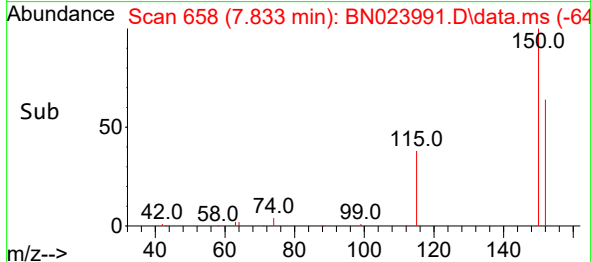
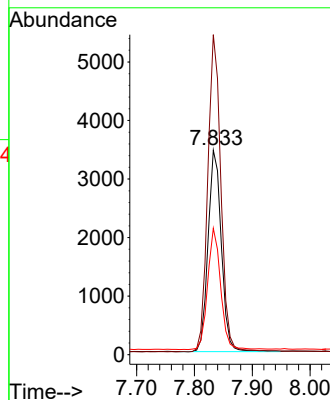
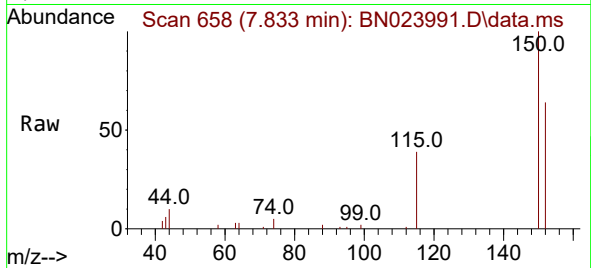




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.833 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN023991.D
Acq: 08 Feb 2023 16:06

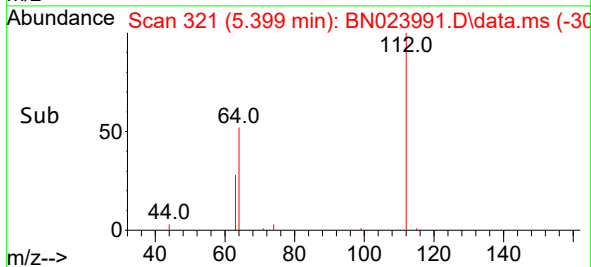
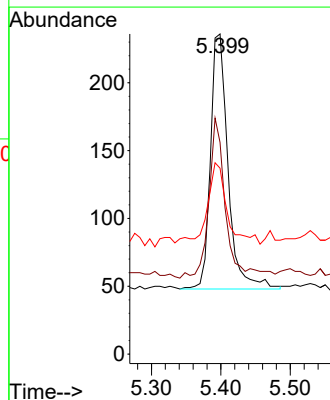
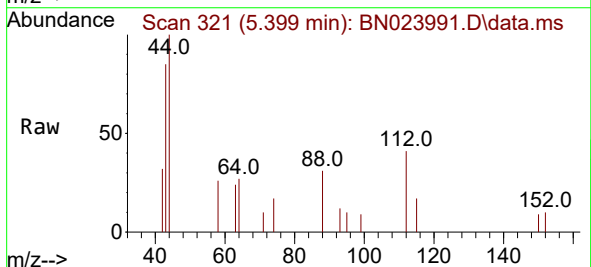
Instrument :
BNA_N
ClientSampleId :
PW-B6-L10-D-020723

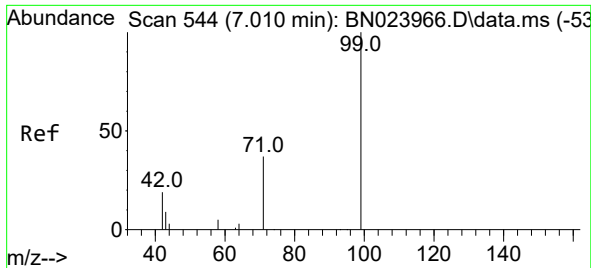
Tgt Ion:152 Resp: 5512
Ion Ratio Lower Upper
152 100
150 156.4 121.8 182.6
115 61.8 47.7 71.5



#4
2-Fluorophenol
Concen: 0.029 ng
RT: 5.399 min Scan# 321
Delta R.T. -0.000 min
Lab File: BN023991.D
Acq: 08 Feb 2023 16:06

Tgt Ion:112 Resp: 331
Ion Ratio Lower Upper
112 100
64 60.4 44.8 67.2
63 36.9 25.1 37.7

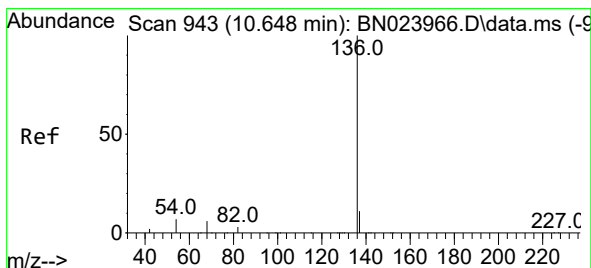
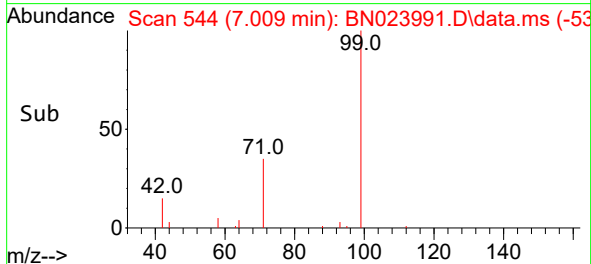
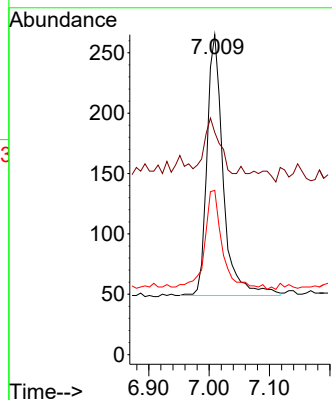
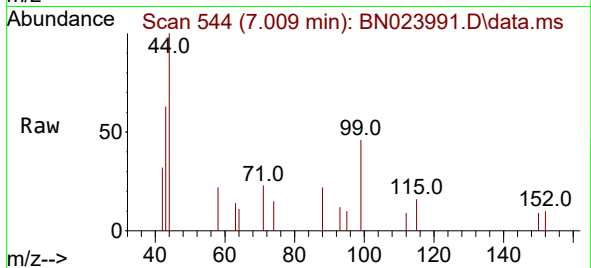




#5
Phenol-d6
Concen: 0.030 ng
RT: 7.009 min Scan# 54
Delta R.T. -0.000 min
Lab File: BN023991.D
Acq: 08 Feb 2023 16:06

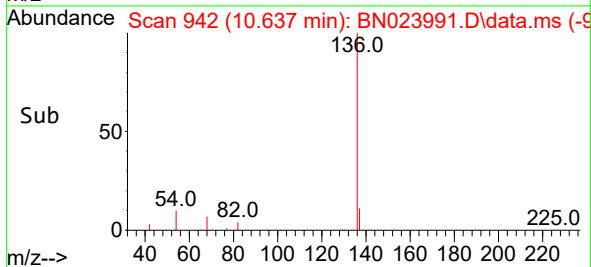
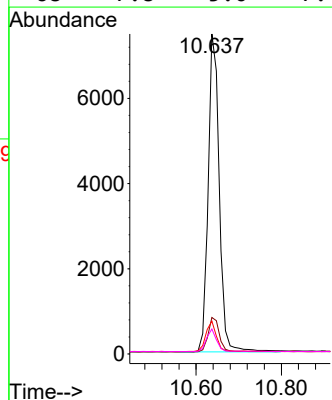
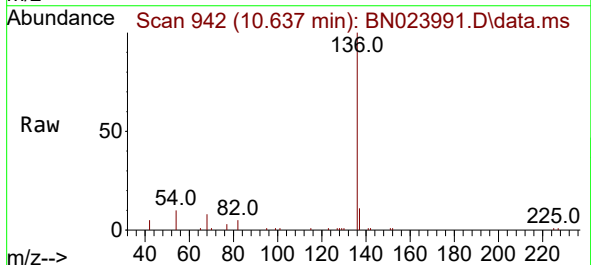
Instrument :
BNA_N
ClientSampleId :
PW-B6-L10-D-020723

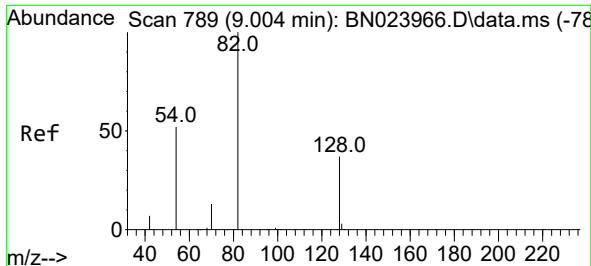
Tgt Ion:	99	Resp:	404
Ion	Ratio	Lower	Upper
99	100		
42	19.3	17.0	25.6
71	42.3	29.0	43.4



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 942
Delta R.T. -0.011 min
Lab File: BN023991.D
Acq: 08 Feb 2023 16:06

Tgt Ion:	136	Resp:	13456
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	10.2	5.8	8.8#
68	7.8	5.0	7.4#

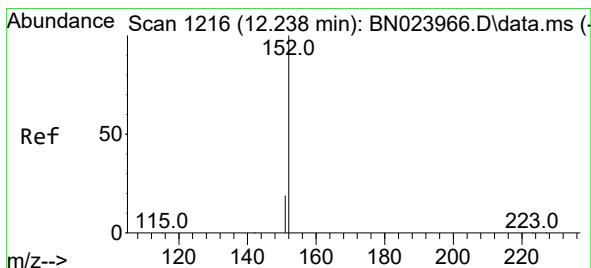
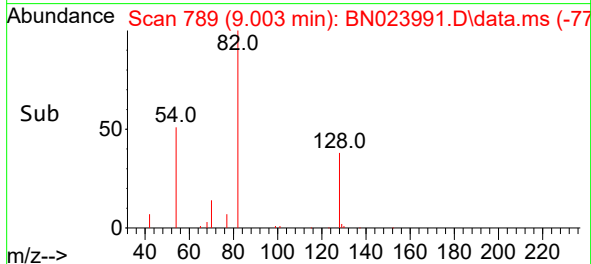
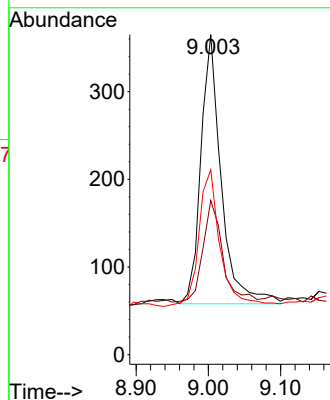
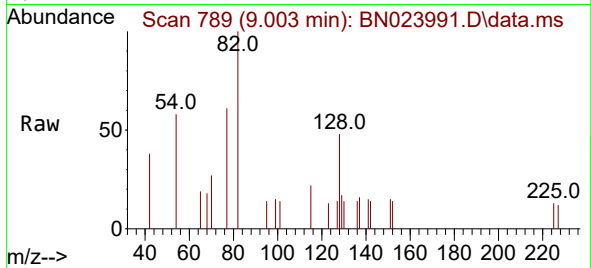




#8
Nitrobenzene-d5
Concen: 0.056 ng
RT: 9.003 min Scan# 789
Delta R.T. -0.000 min
Lab File: BN023991.D
Acq: 08 Feb 2023 16:06

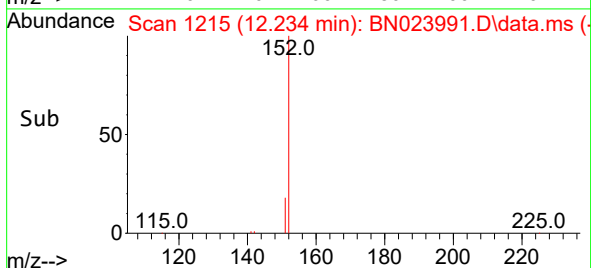
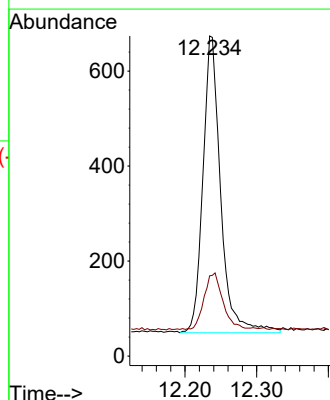
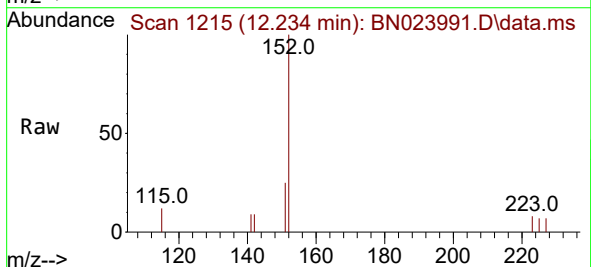
Instrument :
BNA_N
ClientSampleId :
PW-B6-L10-D-020723

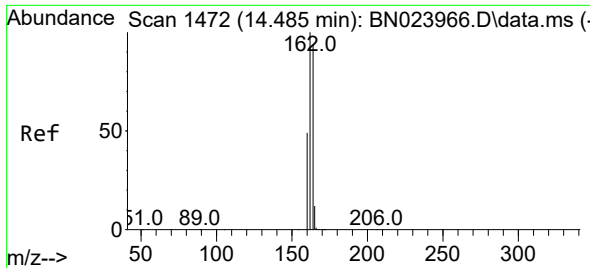
Tgt Ion: 82 Resp: 603
Ion Ratio Lower Upper
82 100
128 48.2 31.5 47.3#
54 57.8 42.8 64.2



#11
2-Methylnaphthalene-d10
Concen: 0.058 ng
RT: 12.234 min Scan# 1215
Delta R.T. -0.004 min
Lab File: BN023991.D
Acq: 08 Feb 2023 16:06

Tgt Ion: 152 Resp: 1078
Ion Ratio Lower Upper
152 100
151 20.0 16.6 24.8

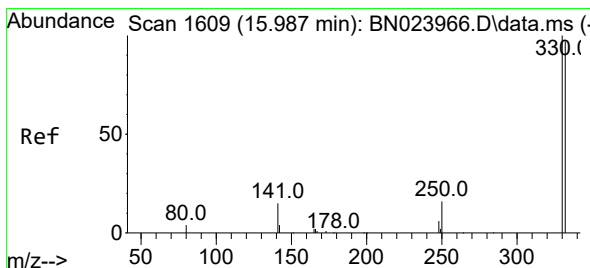
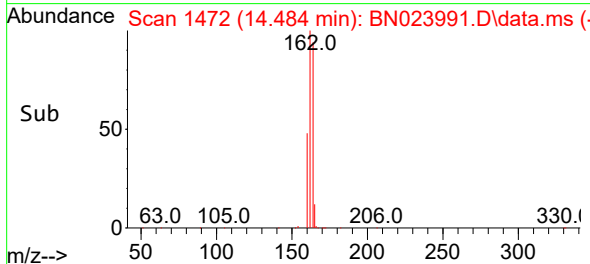
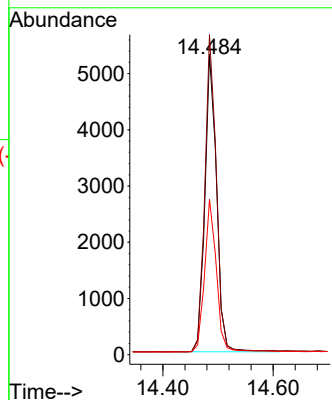
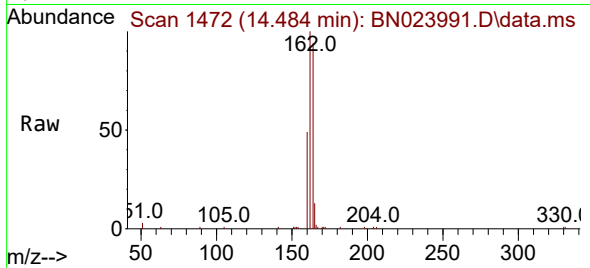




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 1472
Delta R.T. -0.000 min
Lab File: BN023991.D
Acq: 08 Feb 2023 16:06

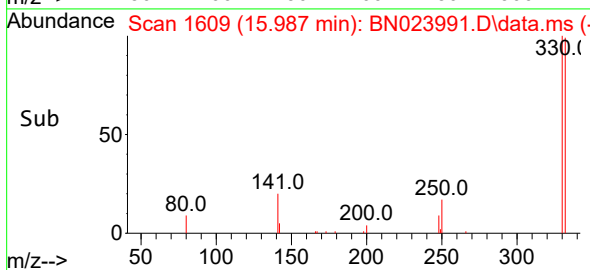
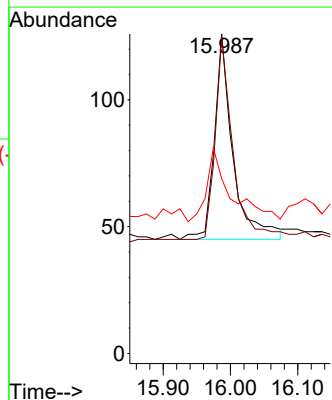
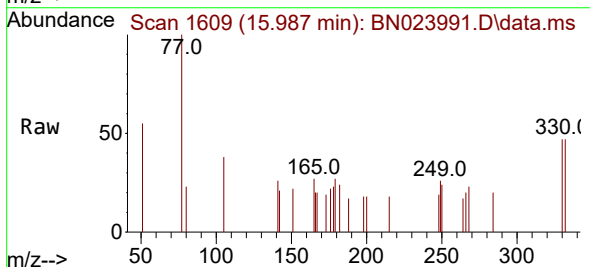
Instrument :
BNA_N
ClientSampleId :
PW-B6-L10-D-020723

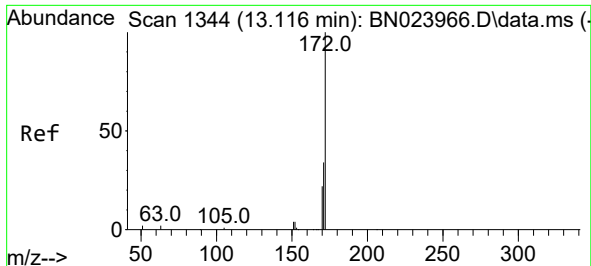
Tgt Ion:164 Resp: 7843
Ion Ratio Lower Upper
164 100
162 106.6 84.8 127.2
160 51.7 42.0 63.0



#14
2,4,6-Tribromophenol
Concen: 0.038 ng
RT: 15.987 min Scan# 1609
Delta R.T. 0.000 min
Lab File: BN023991.D
Acq: 08 Feb 2023 16:06

Tgt Ion:330 Resp: 155
Ion Ratio Lower Upper
330 100
332 94.8 77.7 116.5
141 47.1 26.6 39.8#

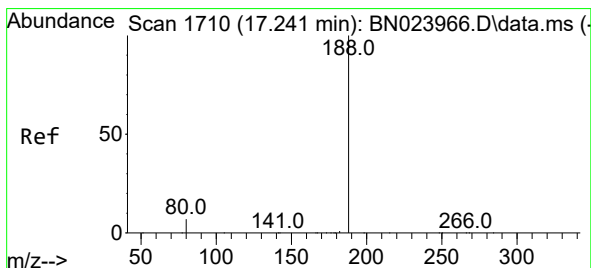
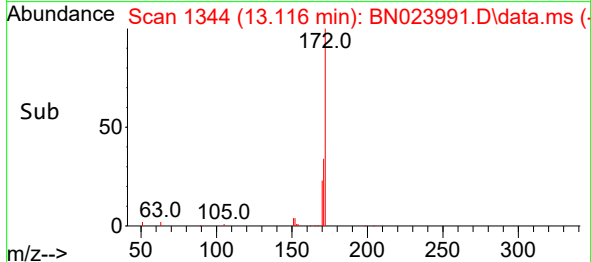
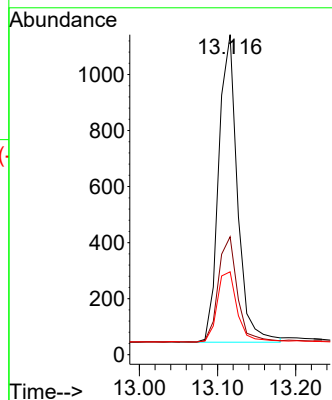
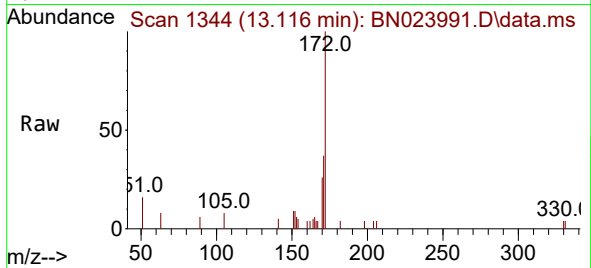




#15
2-Fluorobiphenyl
Concen: 0.059 ng
RT: 13.116 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN023991.D
Acq: 08 Feb 2023 16:06

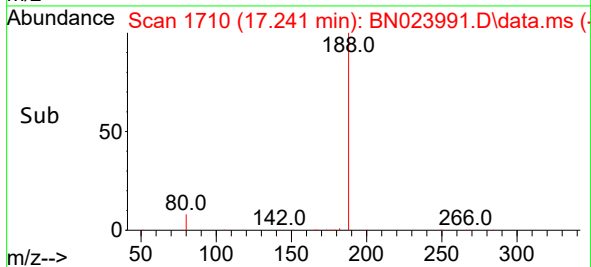
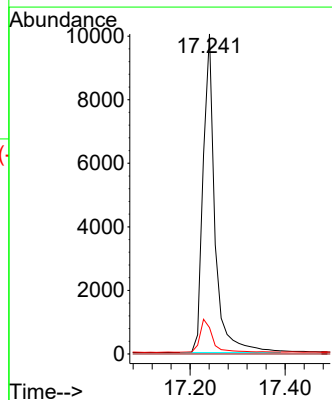
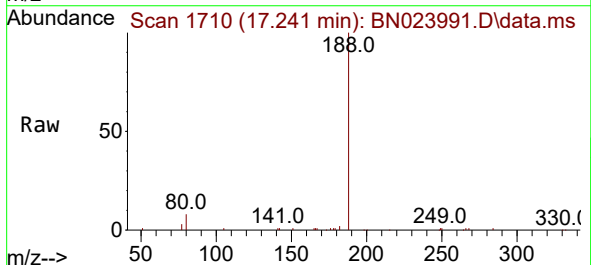
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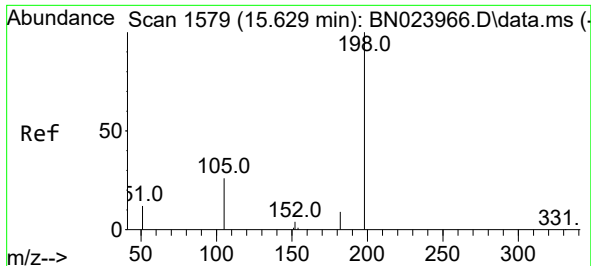
Tgt Ion:172 Resp: 1826
Ion Ratio Lower Upper
172 100
171 36.9 27.4 41.2
170 25.9 18.2 27.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.241 min Scan# 1710
Delta R.T. -0.000 min
Lab File: BN023991.D
Acq: 08 Feb 2023 16:06

Tgt Ion:188 Resp: 17410
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.2 6.1 9.1





#20

4,6-Dinitro-2-methylphenol

Concen: 0.194 ng

RT: 15.618 min Scan# 1

Delta R.T. -0.011 min

Lab File: BN023991.D

Acq: 08 Feb 2023 16:06

Instrument :

BNA_N

ClientSampleId :

PW-B6-L10-D-020723

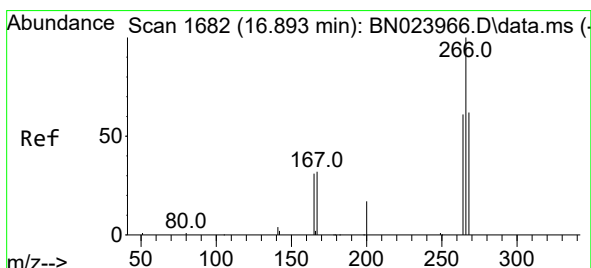
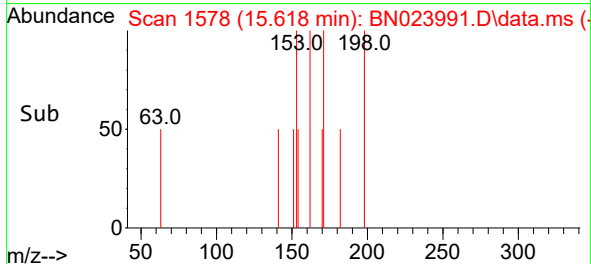
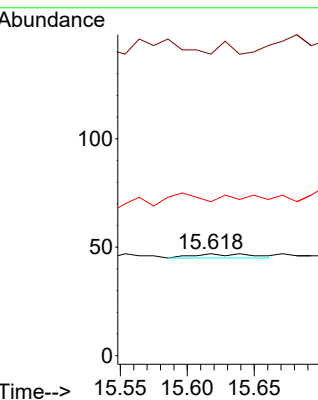
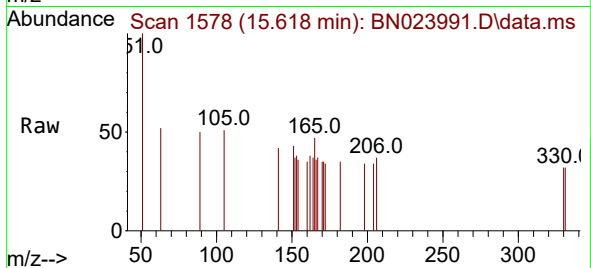
Tgt Ion:198 Resp: 6

Ion Ratio Lower Upper

198 100

51 295.7 36.8 55.2#

105 151.1 28.8 43.2#



#24

Pentachlorophenol

Concen: 0.172 ng

RT: 16.905 min Scan# 1683

Delta R.T. 0.012 min

Lab File: BN023991.D

Acq: 08 Feb 2023 16:06

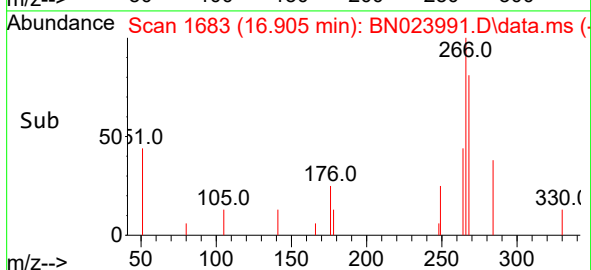
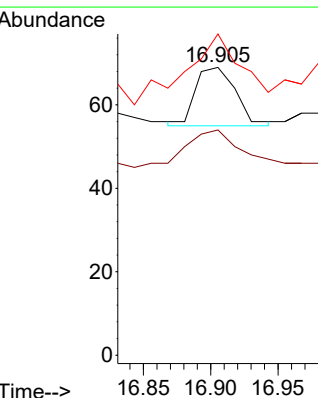
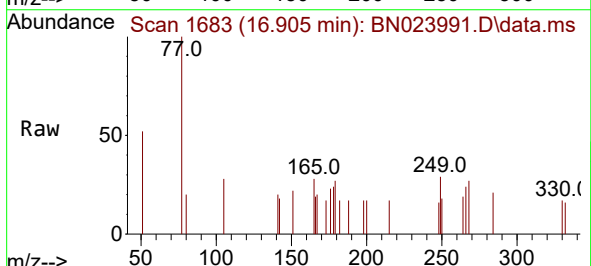
Tgt Ion:266 Resp: 29

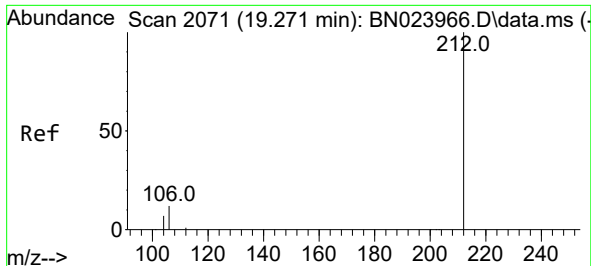
Ion Ratio Lower Upper

266 100

264 93.1 47.6 71.4#

268 172.4 47.5 71.3#

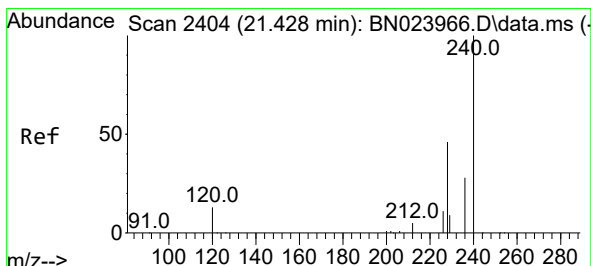
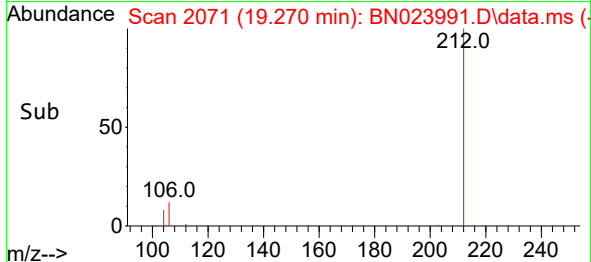
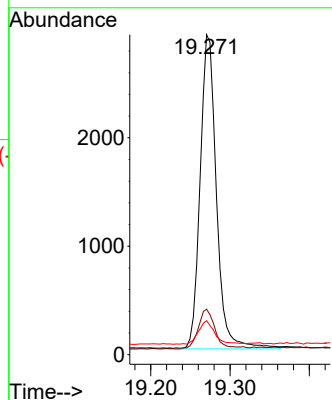
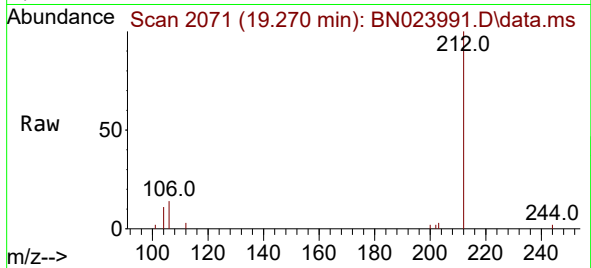




#27
Fluoranthene-d10
Concen: 0.099 ng
RT: 19.270 min Scan# 2071
Delta R.T. 0.000 min
Lab File: BN023991.D
Acq: 08 Feb 2023 16:06

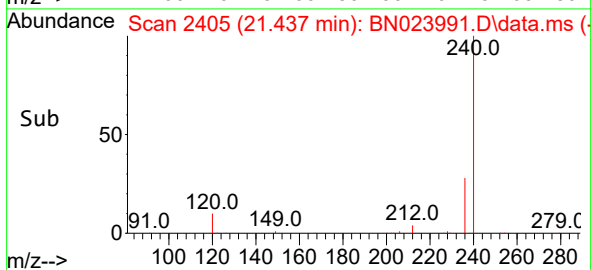
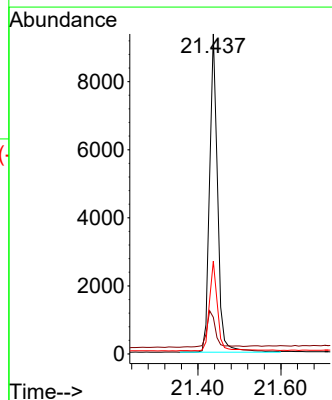
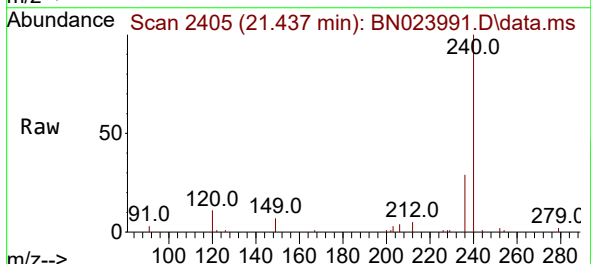
Instrument :
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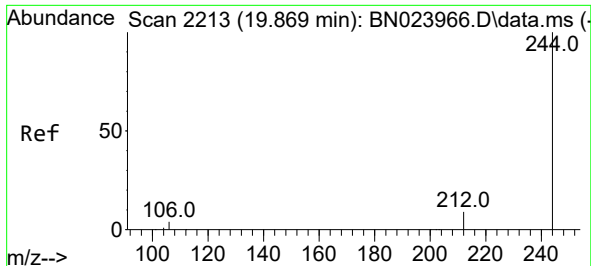
Tgt Ion:212 Resp: 4163
Ion Ratio Lower Upper
212 100
106 12.4 9.2 13.8
104 7.6 5.7 8.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.437 min Scan# 2405
Delta R.T. 0.005 min
Lab File: BN023991.D
Acq: 08 Feb 2023 16:06

Tgt Ion:240 Resp: 12613
Ion Ratio Lower Upper
240 100
120 11.5 11.4 17.0
236 29.0 23.2 34.8

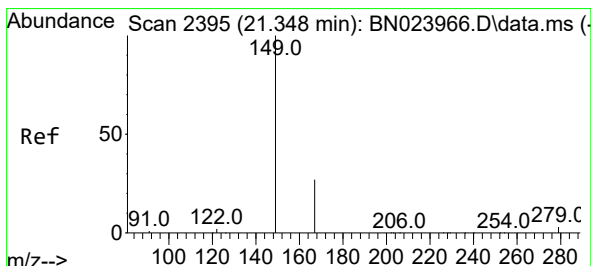
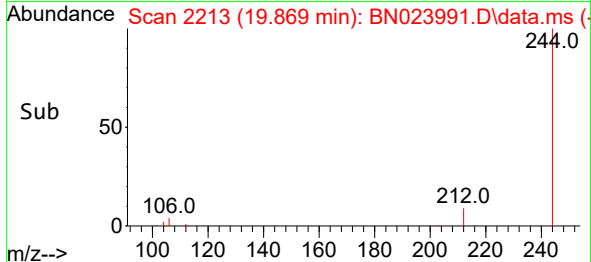
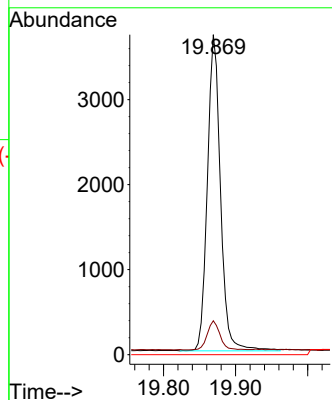
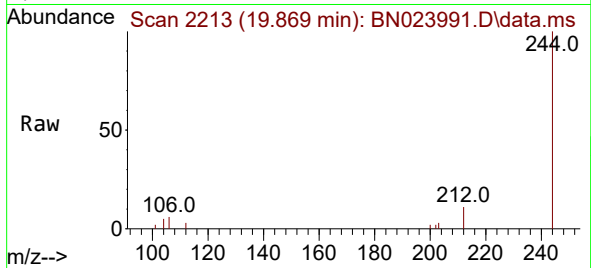




#31
 Terphenyl-d14
 Concen: 0.199 ng
 RT: 19.869 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN023991.D
 Acq: 08 Feb 2023 16:06

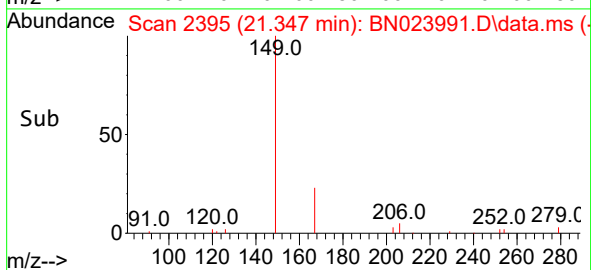
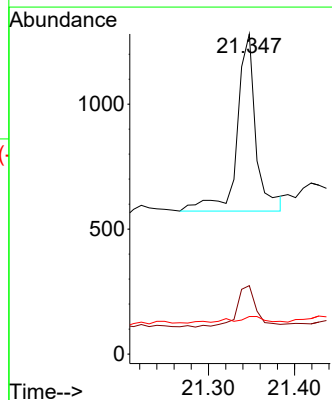
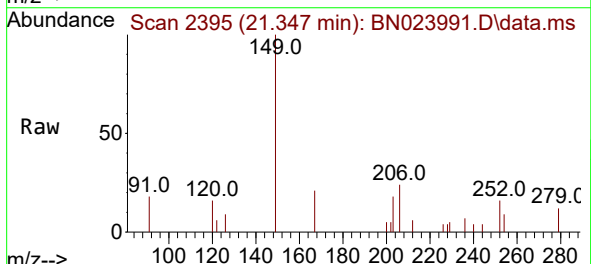
Instrument :
 BNA_N
 ClientSampleId :
 PW-B6-L10-D-020723

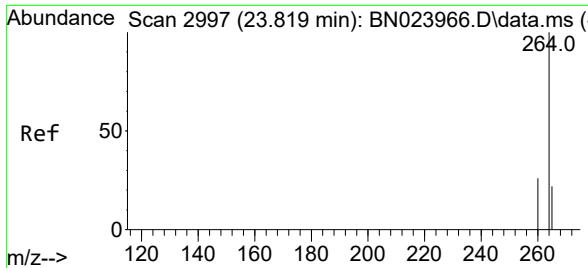
Tgt Ion:244 Resp: 4694
 Ion Ratio Lower Upper
 244 100
 212 10.6 7.7 11.5
 122 0.0 0.0 0.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.058 ng
 RT: 21.347 min Scan# 2395
 Delta R.T. 0.005 min
 Lab File: BN023991.D
 Acq: 08 Feb 2023 16:06

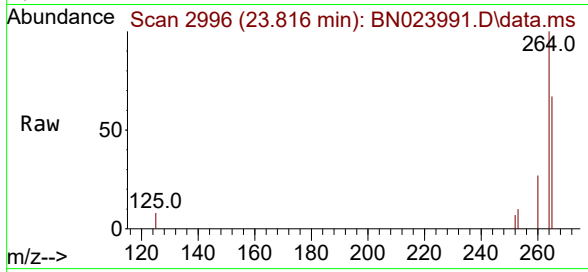
Tgt Ion:149 Resp: 1079
 Ion Ratio Lower Upper
 149 100
 167 24.6 21.1 31.7
 279 7.0 3.1 4.7#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.816 min Scan# 2996
 Delta R.T. 0.007 min
 Lab File: BN023991.D
 Acq: 08 Feb 2023 16:06

Instrument :
 BNA_N
 ClientSampleId :
 PW-B6-L10-D-020723



Tgt Ion:264 Resp: 10425
 Ion Ratio Lower Upper
 264 100
 260 27.3 21.4 32.0
 265 66.6 41.4 62.0#

