

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041823\
 Data File : BN024979.D
 Acq On : 18 Apr 2023 15:31
 Operator : CG/JU
 Sample : 02354-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20230413

Quant Time: Apr 18 16:28:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN040523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 18 05:29:26 2023
 Response via : Initial Calibration

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

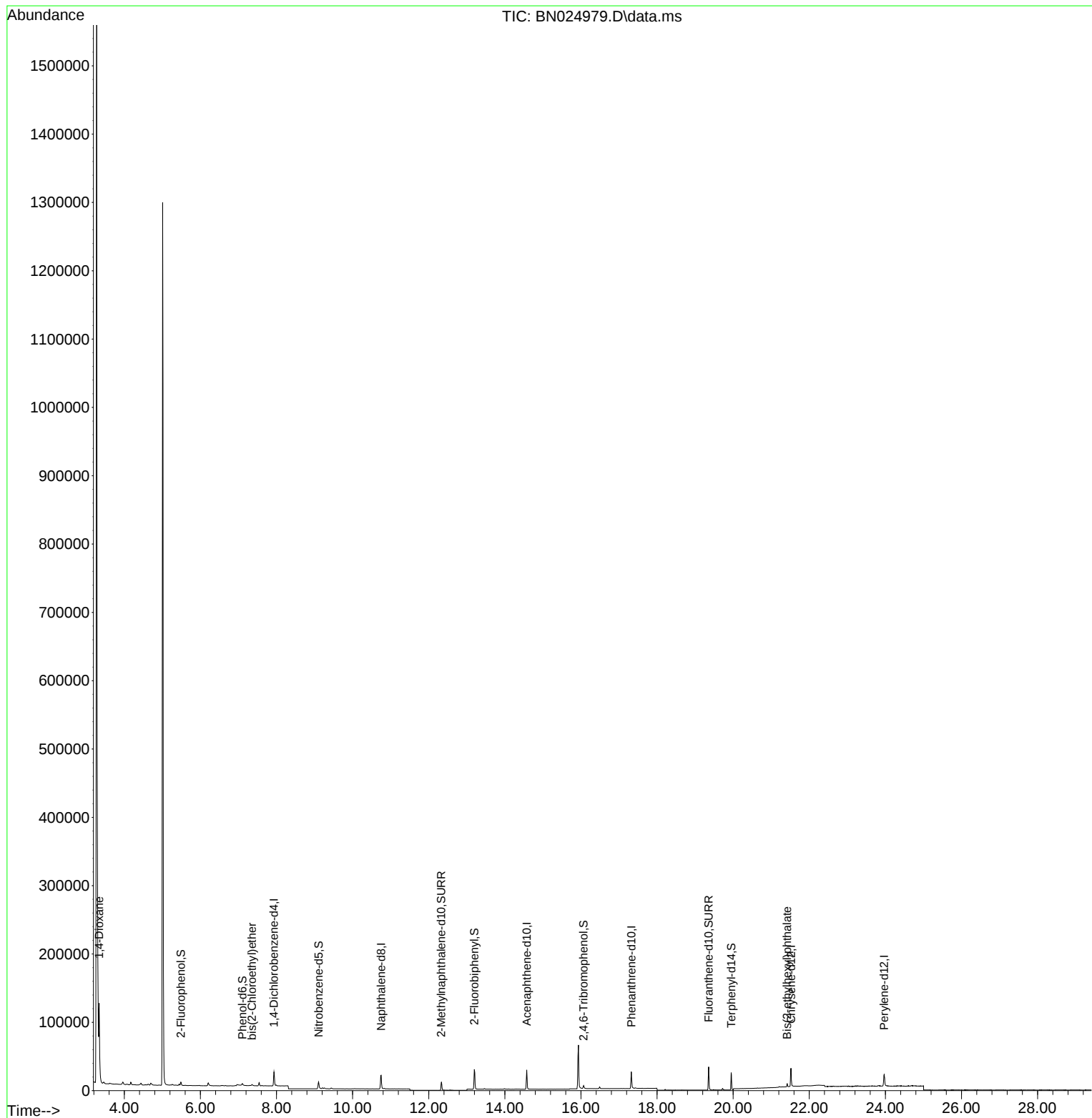
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.933	152	9734	0.400	ng	0.00
7) Naphthalene-d8	10.750	136	29142	0.400	ng	0.00
13) Acenaphthene-d10	14.576	164	15483	0.400	ng	0.00
19) Phenanthrene-d10	17.323	188	33552	0.400	ng	0.00
29) Chrysene-d12	21.522	240	27651	0.400	ng	0.00
35) Perylene-d12	23.967	264	24070	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.492	112	4260	0.190	ng	0.00
5) Phenol-d6	7.102	99	2888	0.102	ng	0.00
8) Nitrobenzene-d5	9.106	82	9730	0.414	ng	0.00
11) 2-Methylnaphthalene-d10	12.332	152	17234	0.447	ng	0.00
14) 2,4,6-Tribromophenol	16.070	330	2666	0.383	ng	0.00
15) 2-Fluorobiphenyl	13.197	172	26757	0.452	ng	-0.01
27) Fluoranthene-d10	19.355	212	37759	0.496	ng	0.00
31) Terphenyl-d14	19.949	244	33144	0.529	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.339	88	60884	5.692	ng	97
6) bis(2-Chloroethyl)ether	7.355	93	1243	0.043	ng	99
34) Bis(2-ethylhexyl)phtha...	21.414	149	5056	0.101	ng	99

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

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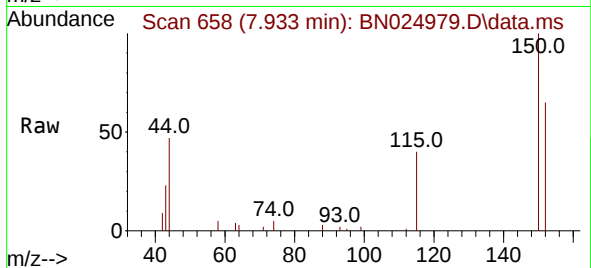
Quant Time: Apr 18 16:28:11 2023
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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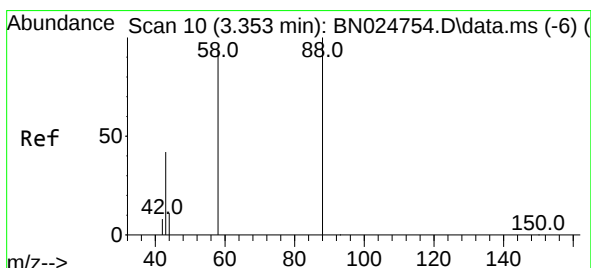
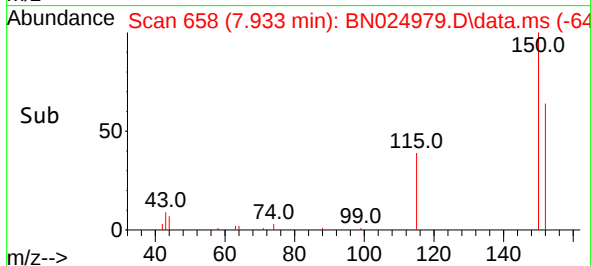
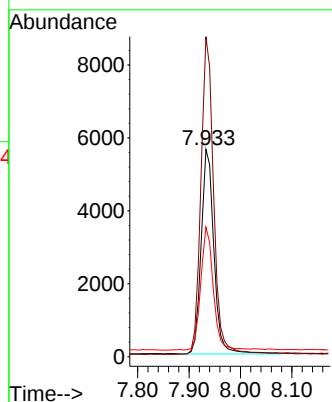
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.933 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN024979.D
 Acq: 18 Apr 2023 15:31

Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20230413



Tgt Ion:152 Resp: 9734

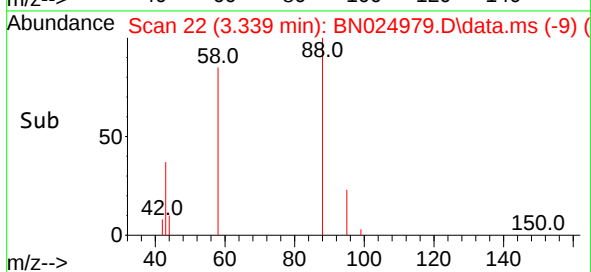
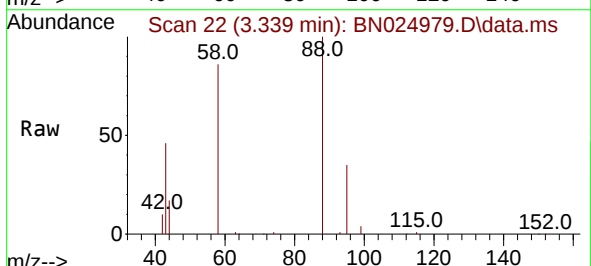
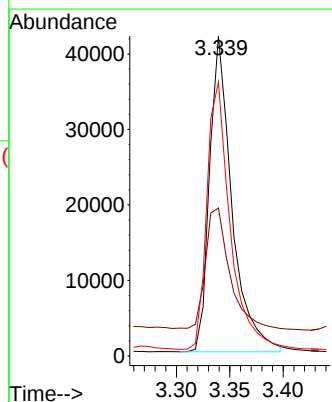
Ion	Ratio	Lower	Upper
152	100		
150	154.4	121.8	182.8
115	62.5	48.3	72.5

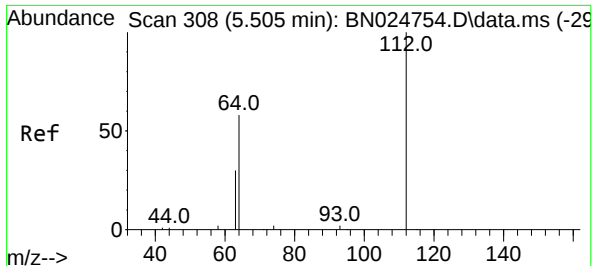


#2
 1,4-Dioxane
 Concen: 5.692 ng
 RT: 3.339 min Scan# 22
 Delta R.T. -0.007 min
 Lab File: BN024979.D
 Acq: 18 Apr 2023 15:31

Tgt Ion: 88 Resp: 60884

Ion	Ratio	Lower	Upper
88	100		
43	40.7	35.2	52.8
58	88.0	71.4	107.2

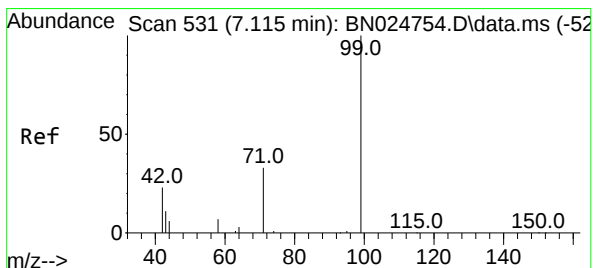
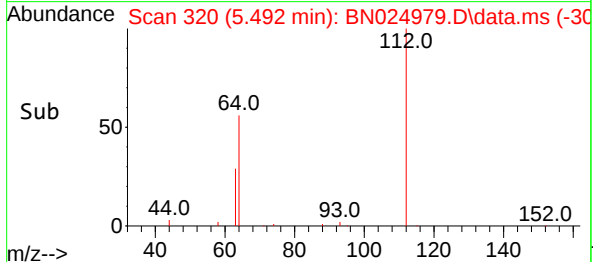
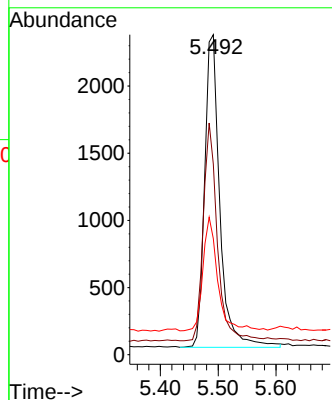
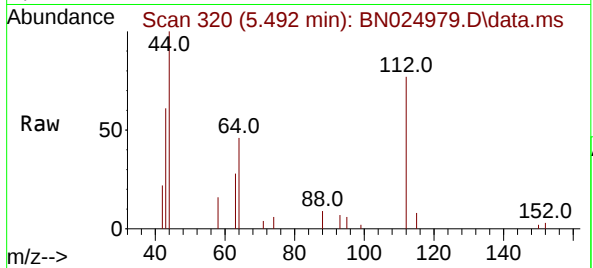




#4
2-Fluorophenol
Concen: 0.190 ng
RT: 5.492 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN024979.D
Acq: 18 Apr 2023 15:31

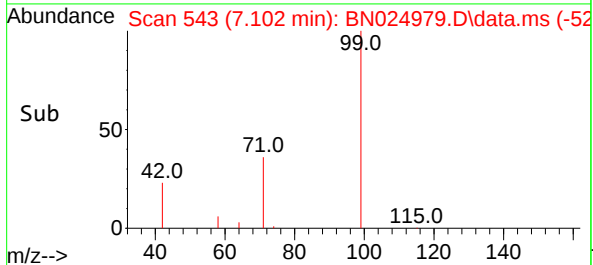
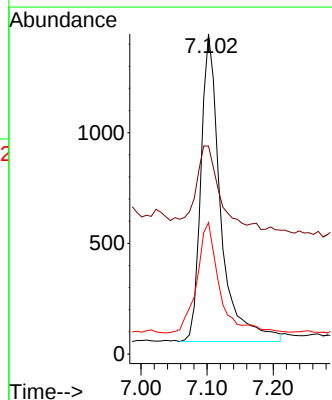
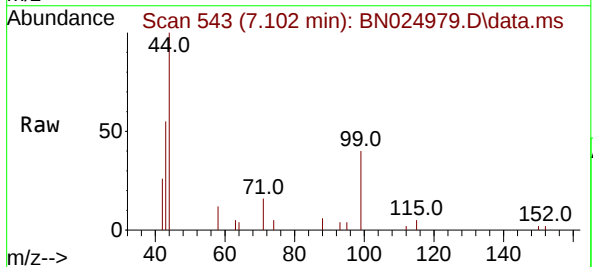
Instrument :
BNA_N
ClientSampleId :
SP-100-20230413

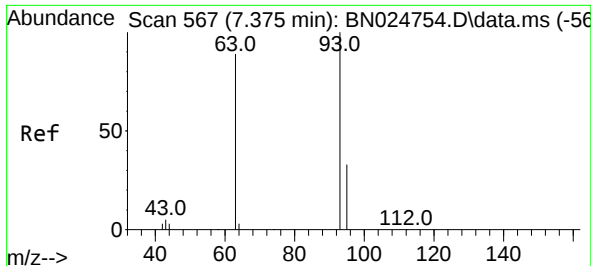
Tgt Ion:112 Resp: 4260
Ion Ratio Lower Upper
112 100
64 64.2 52.5 78.7
63 35.5 27.9 41.9



#5
Phenol-d6
Concen: 0.102 ng
RT: 7.102 min Scan# 543
Delta R.T. -0.000 min
Lab File: BN024979.D
Acq: 18 Apr 2023 15:31

Tgt Ion: 99 Resp: 2888
Ion Ratio Lower Upper
99 100
42 31.8 22.8 34.2
71 41.1 28.2 42.2

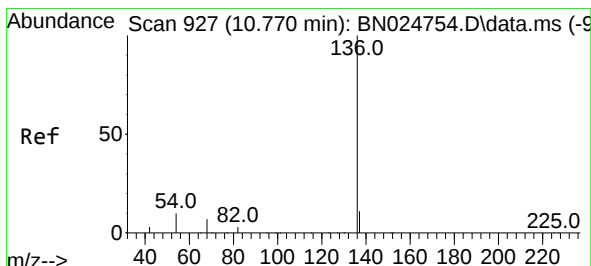
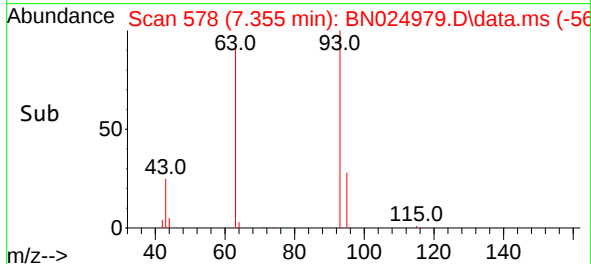
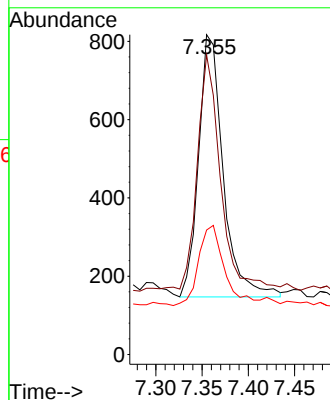
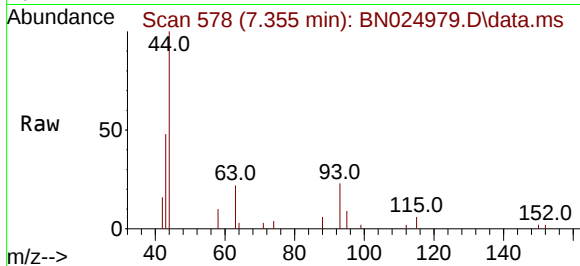




#6
bis(2-Chloroethyl)ether
Concen: 0.043 ng
RT: 7.355 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN024979.D
Acq: 18 Apr 2023 15:31

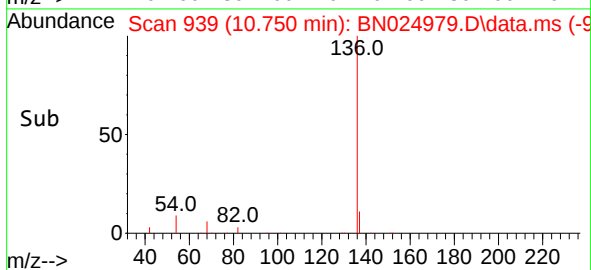
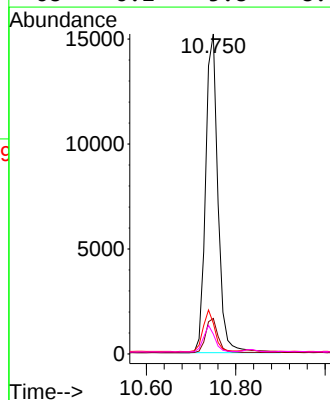
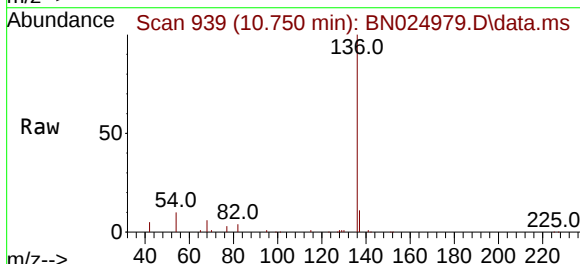
Instrument :
BNA_N
ClientSampleId :
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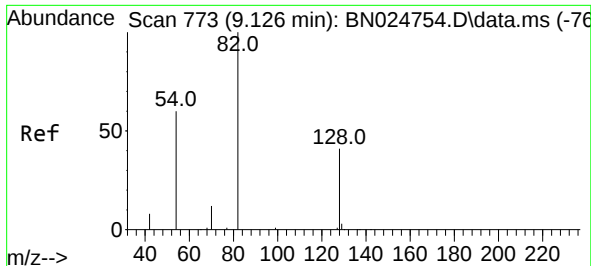
Tgt Ion:	93	Resp:	1243
Ion	Ratio	Lower	Upper
93	100		
63	87.4	68.8	103.2
95	32.1	25.4	38.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.750 min Scan# 939
Delta R.T. -0.000 min
Lab File: BN024979.D
Acq: 18 Apr 2023 15:31

Tgt Ion:	136	Resp:	29142
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.6	8.2	12.4
68	6.2	5.8	8.6

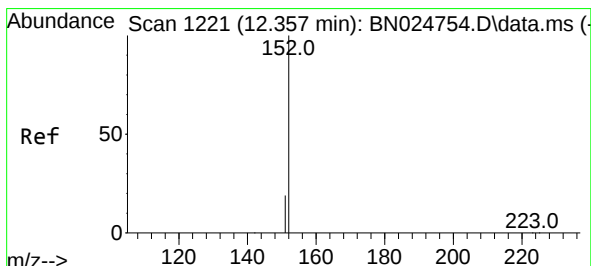
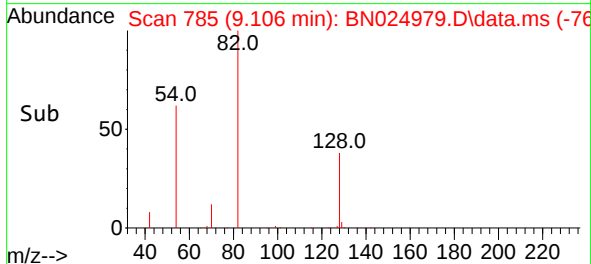
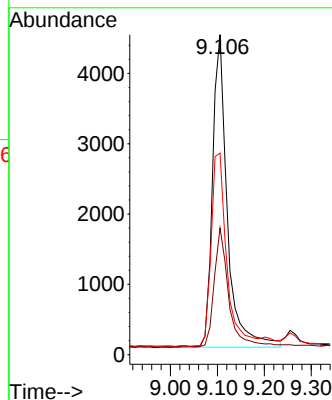
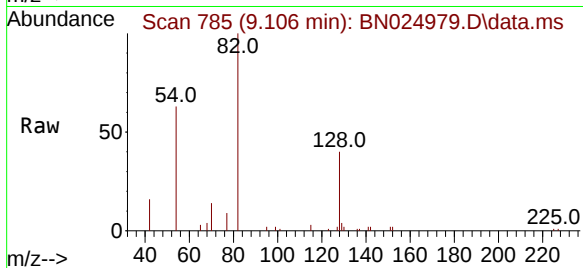




#8
Nitrobenzene-d5
Concen: 0.414 ng
RT: 9.106 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN024979.D
Acq: 18 Apr 2023 15:31

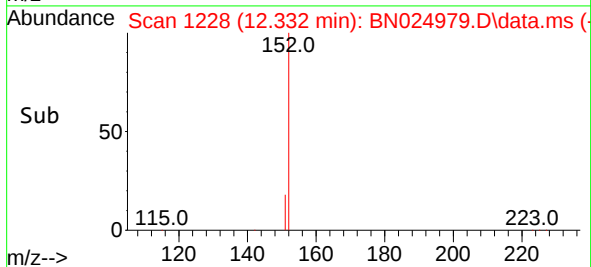
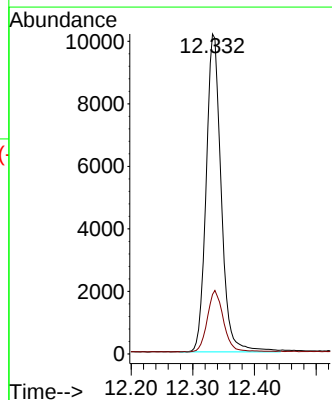
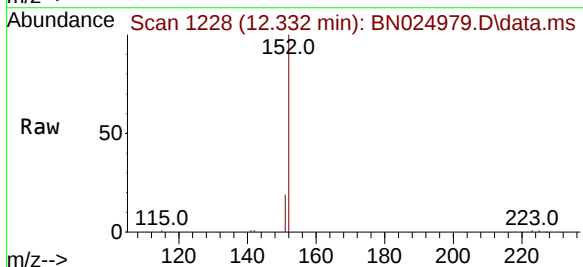
Instrument :
BNA_N
ClientSampleId :
SP-100-20230413

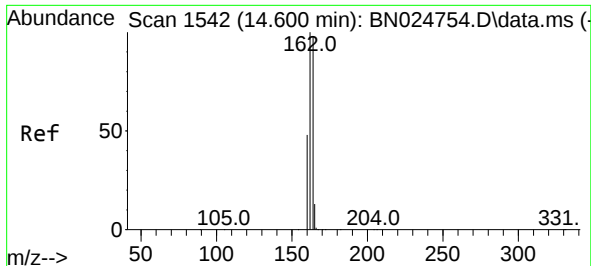
Tgt Ion: 82 Resp: 9730
Ion Ratio Lower Upper
82 100
128 39.6 33.8 50.6
54 63.0 49.4 74.0



#11
2-Methylnaphthalene-d10
Concen: 0.447 ng
RT: 12.332 min Scan# 1228
Delta R.T. -0.004 min
Lab File: BN024979.D
Acq: 18 Apr 2023 15:31

Tgt Ion: 152 Resp: 17234
Ion Ratio Lower Upper
152 100
151 20.9 16.6 25.0

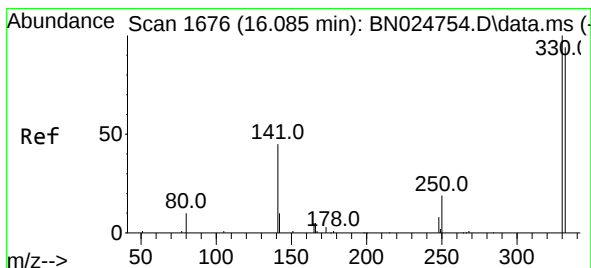
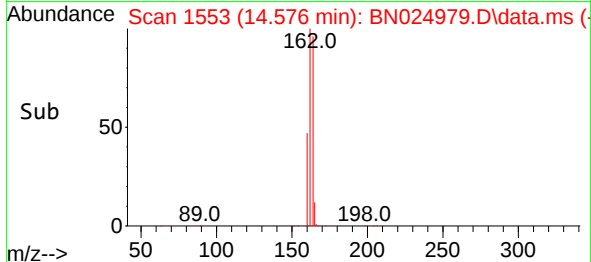
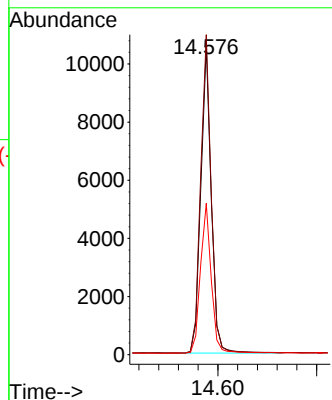
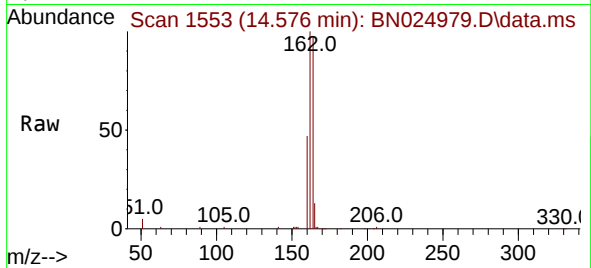




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.576 min Scan# 1553
Delta R.T. -0.000 min
Lab File: BN024979.D
Acq: 18 Apr 2023 15:31

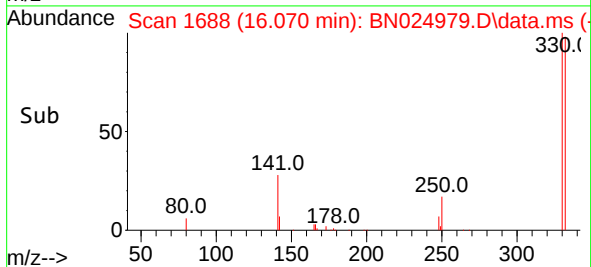
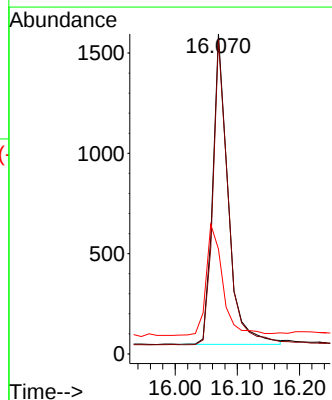
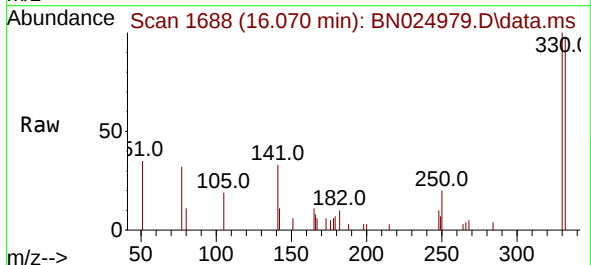
Instrument :
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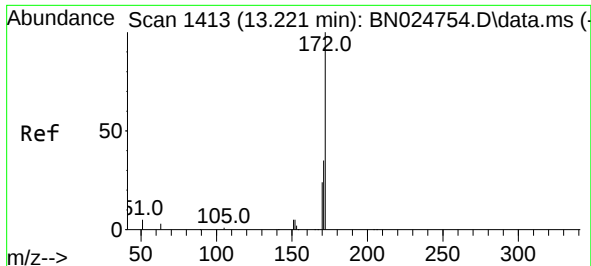
Tgt Ion:164 Resp: 15483
Ion Ratio Lower Upper
164 100
162 103.5 81.9 122.9
160 49.0 39.2 58.8



#14
2,4,6-Tribromophenol
Concen: 0.383 ng
RT: 16.070 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BN024979.D
Acq: 18 Apr 2023 15:31

Tgt Ion:330 Resp: 2666
Ion Ratio Lower Upper
330 100
332 97.9 77.9 116.9
141 39.0 31.0 46.6

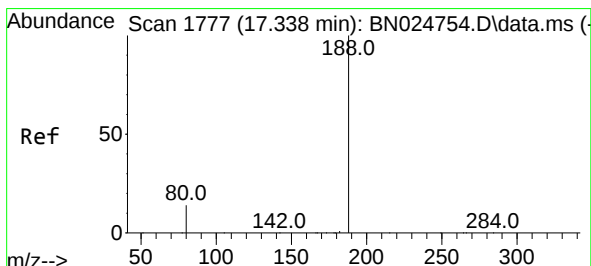
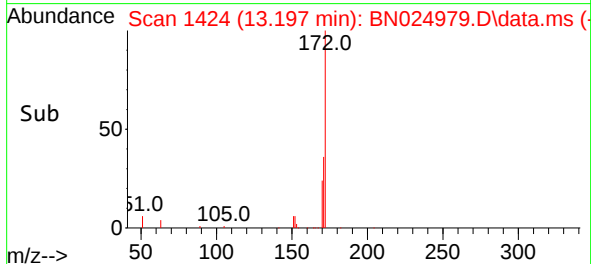
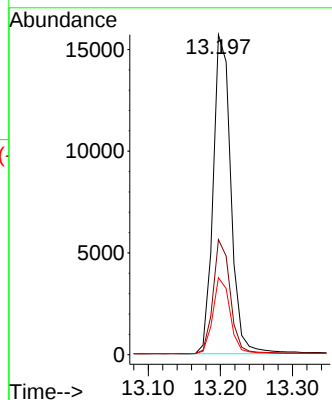
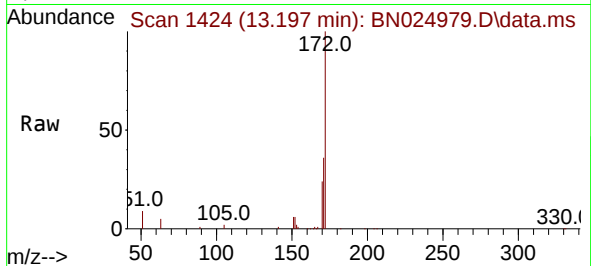




#15
2-Fluorobiphenyl
Concen: 0.452 ng
RT: 13.197 min Scan# 1413
Delta R.T. -0.011 min
Lab File: BN024979.D
Acq: 18 Apr 2023 15:31

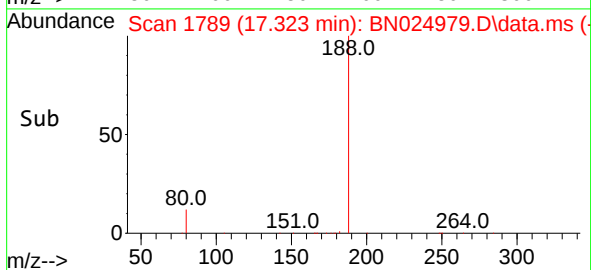
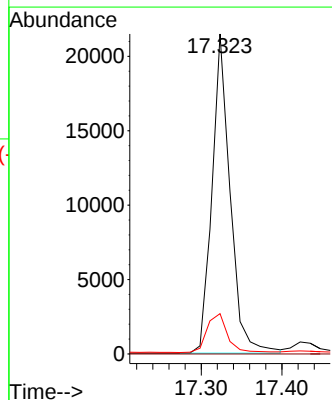
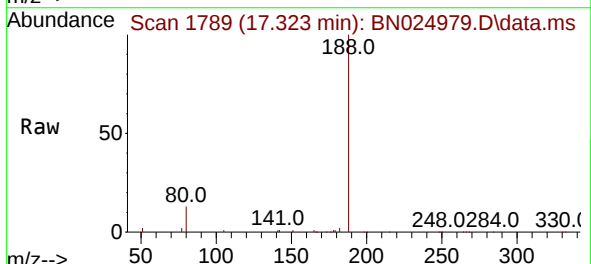
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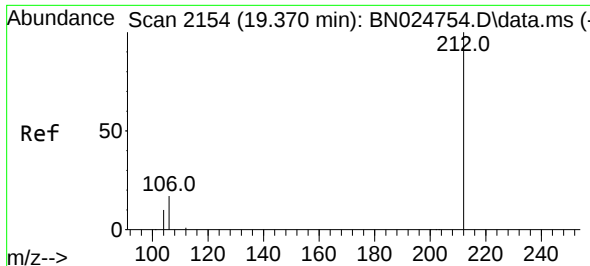
Tgt Ion:172 Resp: 26757
Ion Ratio Lower Upper
172 100
171 36.0 28.2 42.2
170 24.1 19.2 28.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.323 min Scan# 1789
Delta R.T. -0.000 min
Lab File: BN024979.D
Acq: 18 Apr 2023 15:31

Tgt Ion:188 Resp: 33552
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.6 11.3 16.9

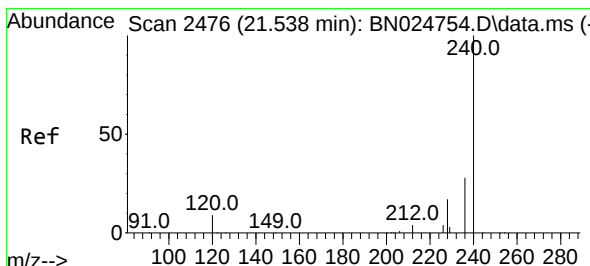
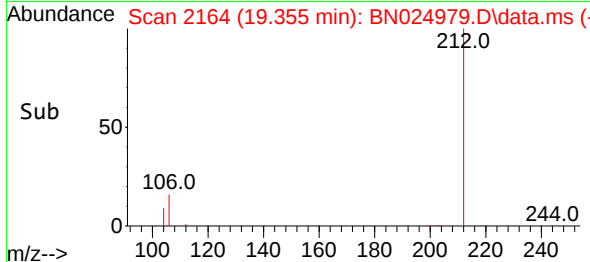
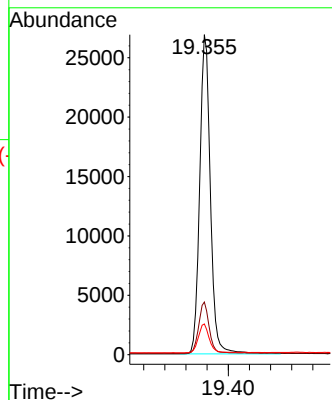
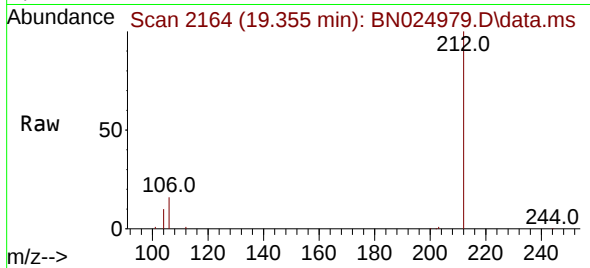




#27
Fluoranthene-d10
Concen: 0.496 ng
RT: 19.355 min Scan# 2154
Delta R.T. -0.004 min
Lab File: BN024979.D
Acq: 18 Apr 2023 15:31

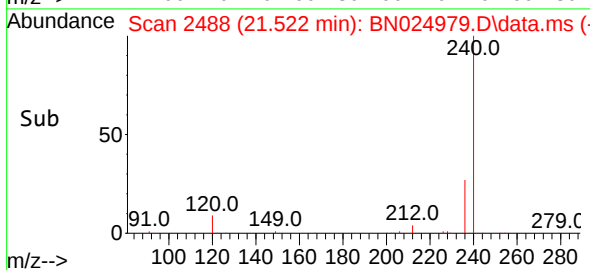
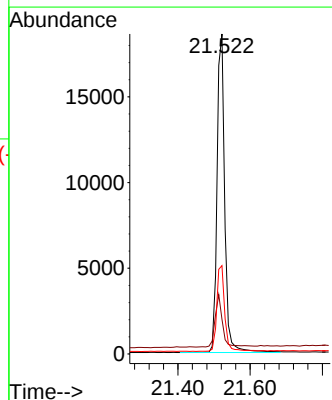
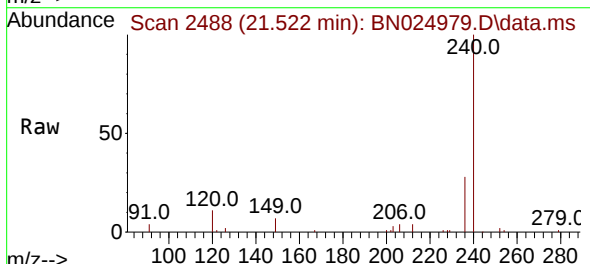
Instrument :
BNA_N
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SP-100-20230413

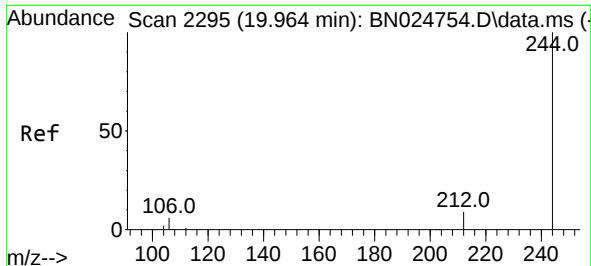
Tgt Ion:212 Resp: 37759
Ion Ratio Lower Upper
212 100
106 16.1 13.2 19.8
104 9.1 7.6 11.4



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.522 min Scan# 2488
Delta R.T. -0.000 min
Lab File: BN024979.D
Acq: 18 Apr 2023 15:31

Tgt Ion:240 Resp: 27651
Ion Ratio Lower Upper
240 100
120 10.9 8.8 13.2
236 27.6 22.6 34.0

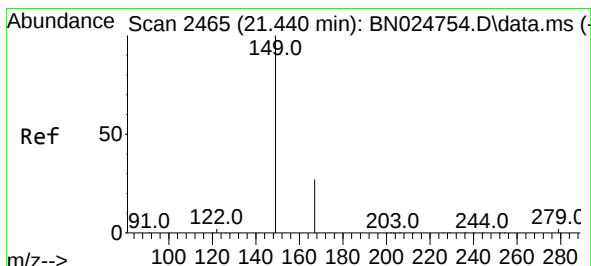
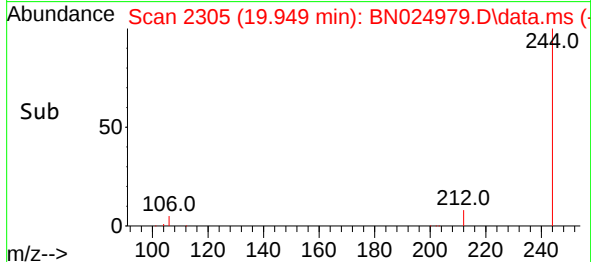
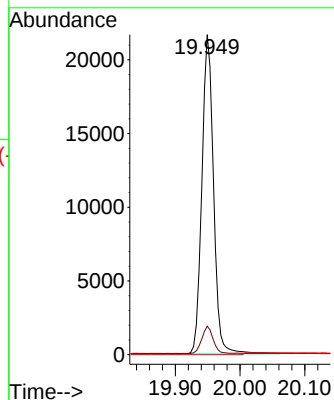
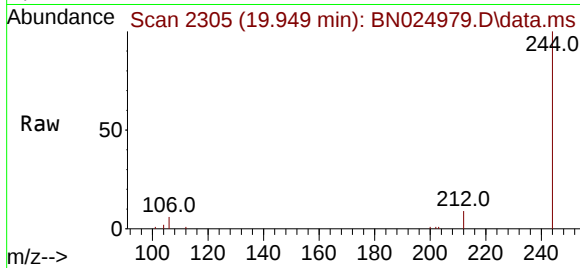




#31
 Terphenyl-d14
 Concen: 0.529 ng
 RT: 19.949 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BN024979.D
 Acq: 18 Apr 2023 15:31

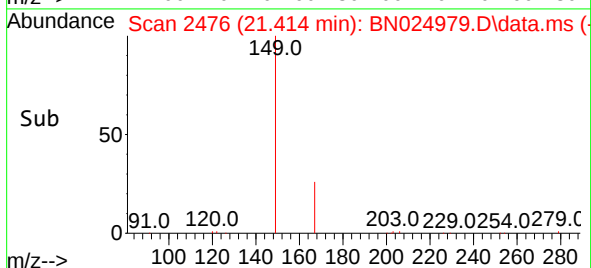
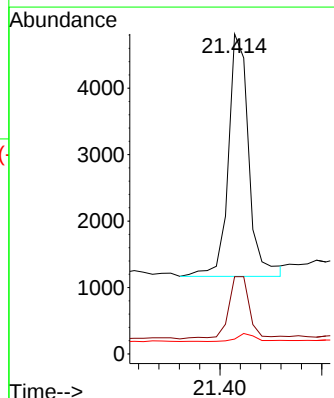
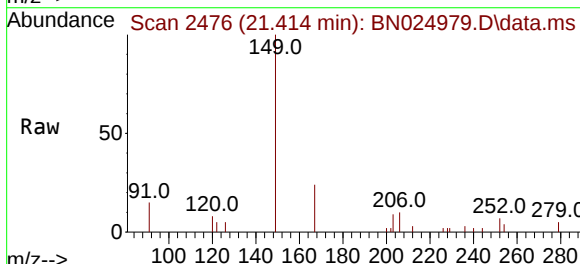
Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20230413

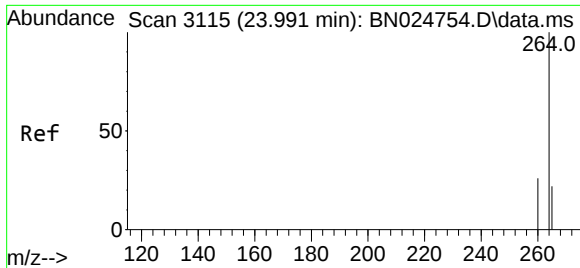
Tgt Ion:244 Resp: 33144
 Ion Ratio Lower Upper
 244 100
 212 8.9 7.4 11.0
 122 0.0 0.0 0.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.101 ng
 RT: 21.414 min Scan# 2476
 Delta R.T. -0.009 min
 Lab File: BN024979.D
 Acq: 18 Apr 2023 15:31

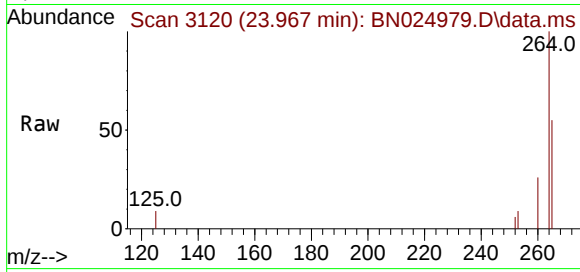
Tgt Ion:149 Resp: 5056
 Ion Ratio Lower Upper
 149 100
 167 26.2 21.4 32.2
 279 3.0 2.6 4.0





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.967 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BN024979.D
 Acq: 18 Apr 2023 15:31

Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20230413



Tgt Ion:264 Resp: 24070

Ion	Ratio	Lower	Upper
264	100		
260	26.5	20.8	31.2
265	54.9	46.5	69.7

