

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120623\
 Data File : BN029080.D
 Acq On : 07 Dec 2023 07:02
 Operator : MA/JU
 Sample : 05585-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 P3874-SP4

Quant Time: Dec 07 07:35:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 00:49:47 2023
 Response via : Initial Calibration

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

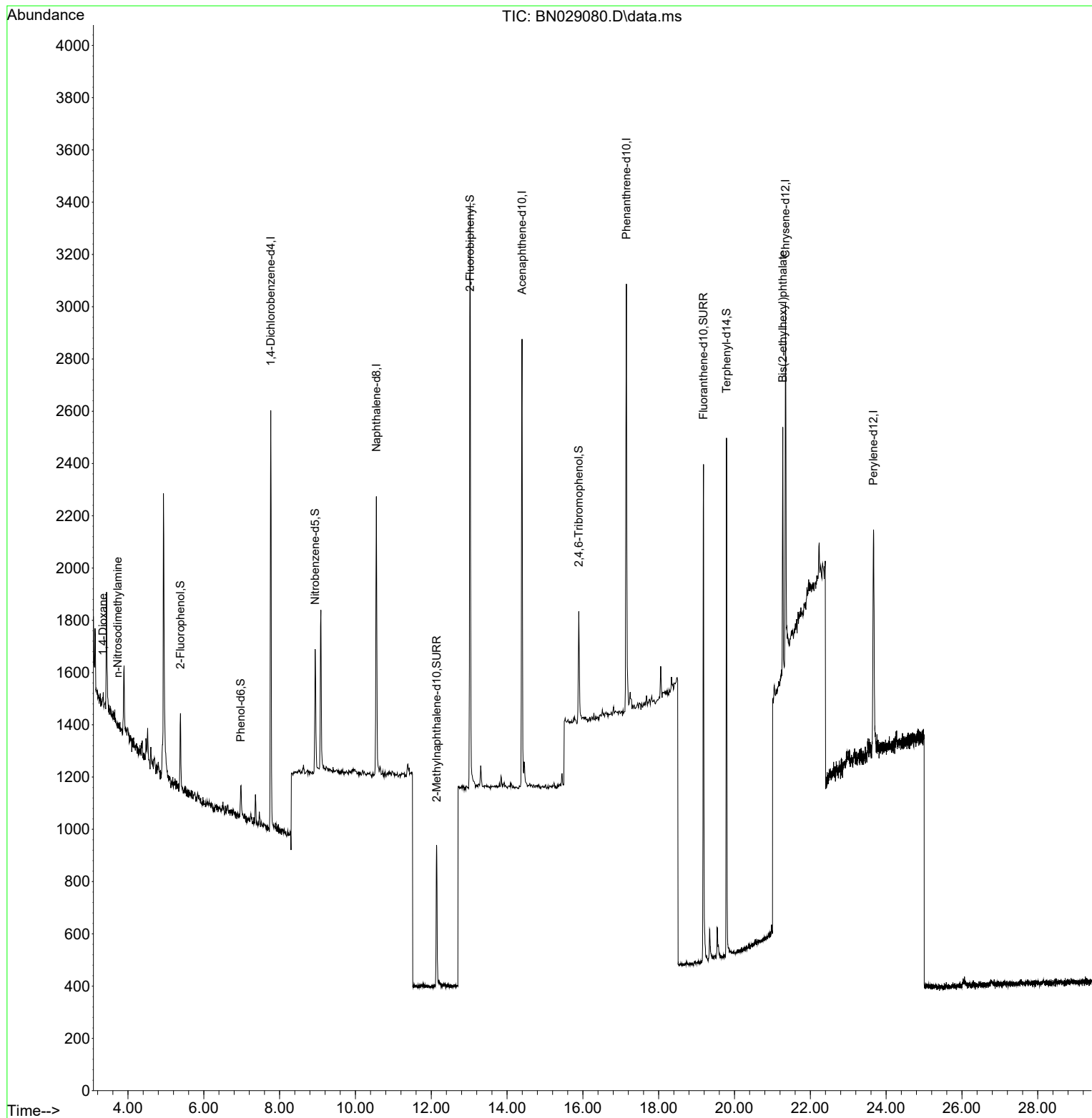
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.768	152	804	0.400	ng	0.00
7) Naphthalene-d8	10.552	136	1528	0.400	ng	#-0.01
13) Acenaphthene-d10	14.396	164	1089	0.400	ng	0.00
19) Phenanthrene-d10	17.146	188	2456	0.400	ng	# 0.00
29) Chrysene-d12	21.347	240	1407	0.400	ng	# 0.00
35) Perylene-d12	23.667	264	1345	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	243	0.134	ng	0.00
5) Phenol-d6	6.973	99	143	0.066	ng	0.00
8) Nitrobenzene-d5	8.939	82	516	0.280	ng	0.00
11) 2-Methylnaphthalene-d10	12.144	152	793	0.247	ng	0.00
14) 2,4,6-Tribromophenol	15.893	330	284	0.236	ng	0.00
15) 2-Fluorobiphenyl	13.028	172	2056	0.365	ng	0.00
27) Fluoranthene-d10	19.181	212	2373	0.307	ng	0.00
31) Terphenyl-d14	19.789	244	1969	0.553	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.340	88	23	0.036	ng	# 1
3) n-Nitrosodimethylamine	3.730	42	14	0.036	ng	# 36
34) Bis(2-ethylhexyl)phtha...	21.275	149	897	0.204	ng	97

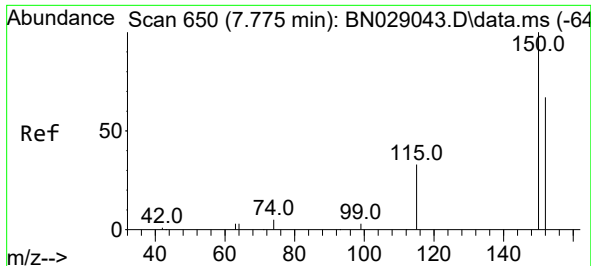
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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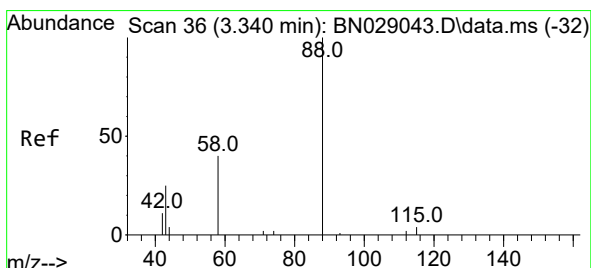
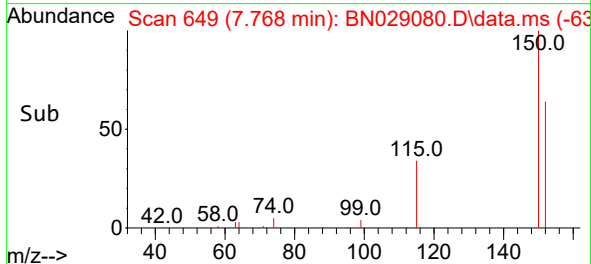
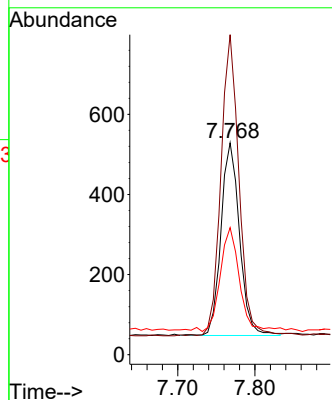
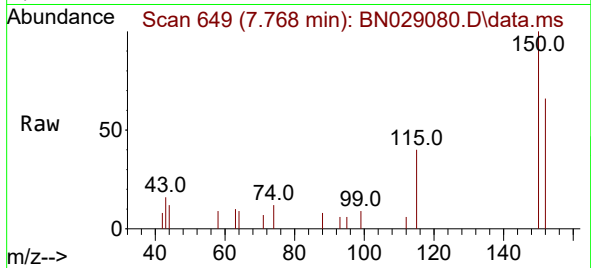




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.768 min Scan# 649
 Delta R.T. -0.007 min
 Lab File: BN029080.D
 Acq: 07 Dec 2023 07:02

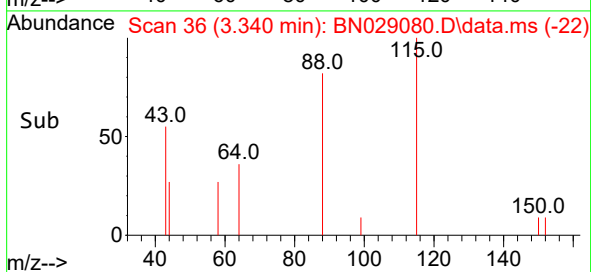
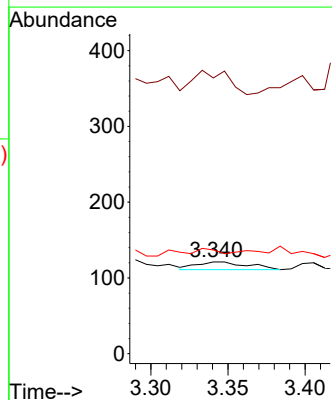
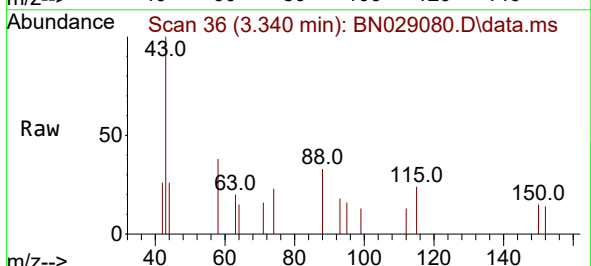
Instrument :
 BNA_N
 ClientSampleId :
 P3874-SP4

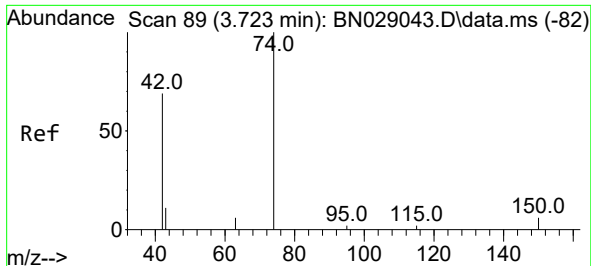
Tgt Ion:152 Resp: 804
 Ion Ratio Lower Upper
 152 100
 150 151.0 116.2 174.4
 115 59.9 45.1 67.7



#2
 1,4-Dioxane
 Concen: 0.036 ng
 RT: 3.340 min Scan# 36
 Delta R.T. 0.000 min
 Lab File: BN029080.D
 Acq: 07 Dec 2023 07:02

Tgt Ion: 88 Resp: 23
 Ion Ratio Lower Upper
 88 100
 43 213.0 15.6 23.4#
 58 69.6 33.2 49.8#

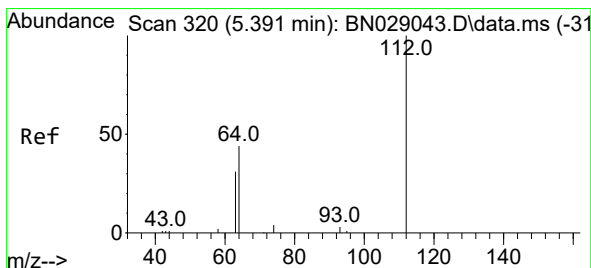
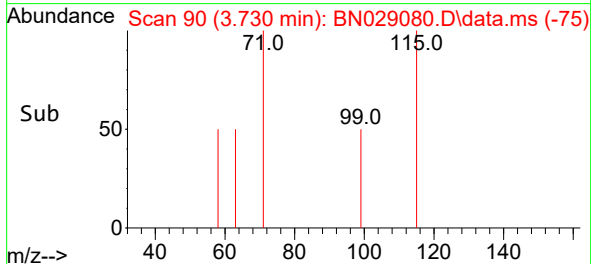
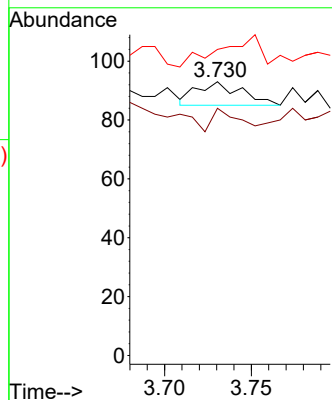
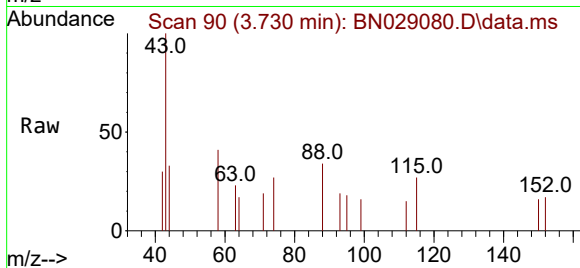




#3
n-Nitrosodimethylamine
Concen: 0.036 ng
RT: 3.730 min Scan# 90
Delta R.T. 0.007 min
Lab File: BN029080.D
Acq: 07 Dec 2023 07:02

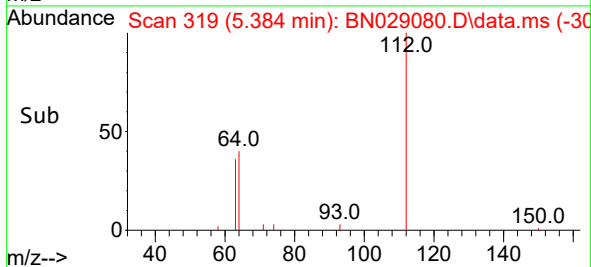
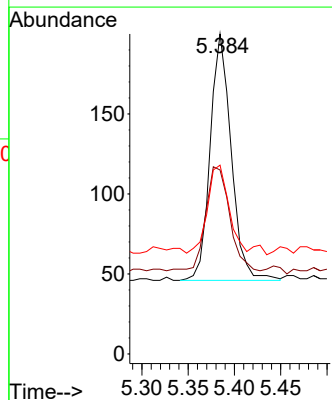
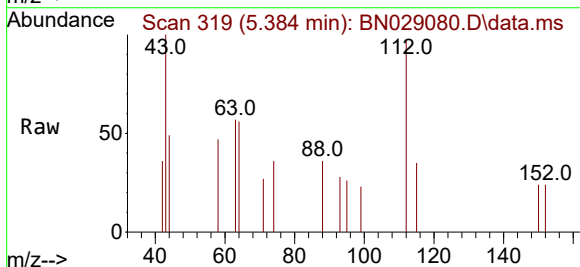
Instrument :
BNA_N
ClientSampleId :
P3874-SP4

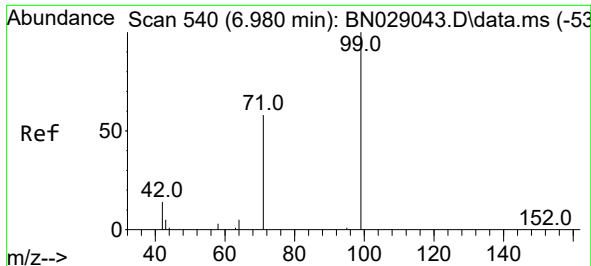
Tgt Ion: 42 Resp: 14
Ion Ratio Lower Upper
42 100
74 57.1 106.3 159.5#
44 0.0 0.0 0.0



#4
2-Fluorophenol
Concen: 0.134 ng
RT: 5.384 min Scan# 319
Delta R.T. -0.007 min
Lab File: BN029080.D
Acq: 07 Dec 2023 07:02

Tgt Ion: 112 Resp: 243
Ion Ratio Lower Upper
112 100
64 47.7 37.0 55.6
63 39.1 29.0 43.6

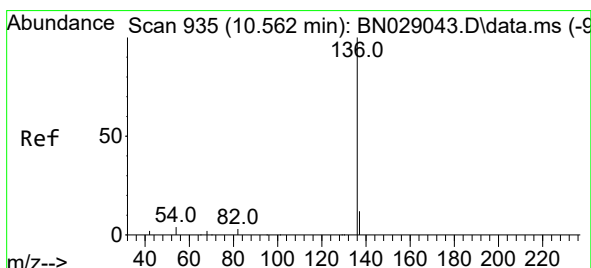
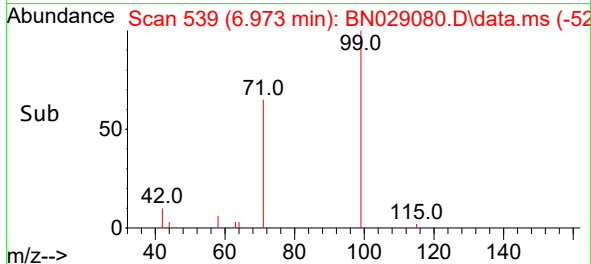
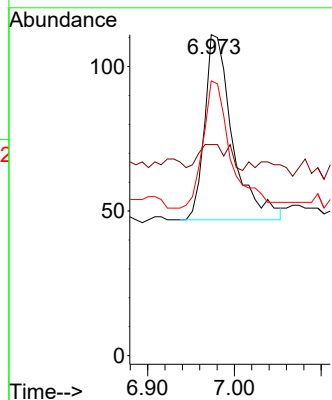
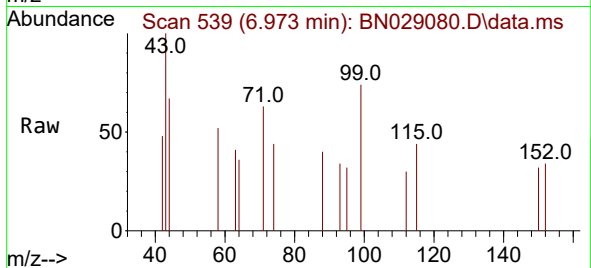




#5
Phenol-d6
Concen: 0.066 ng
RT: 6.973 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN029080.D
Acq: 07 Dec 2023 07:02

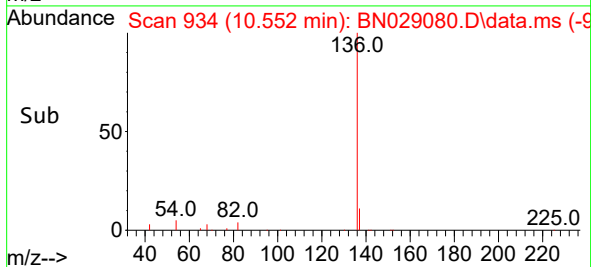
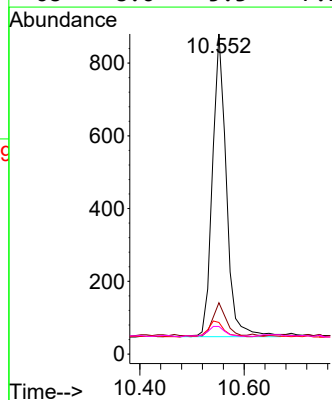
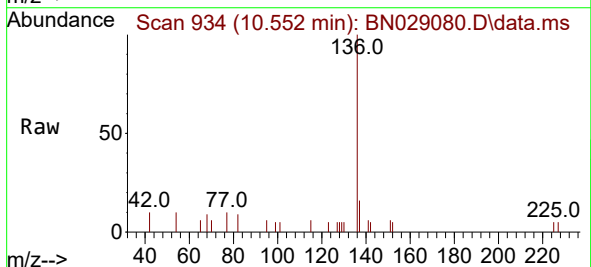
Instrument :
BNA_N
ClientSampleId :
P3874-SP4

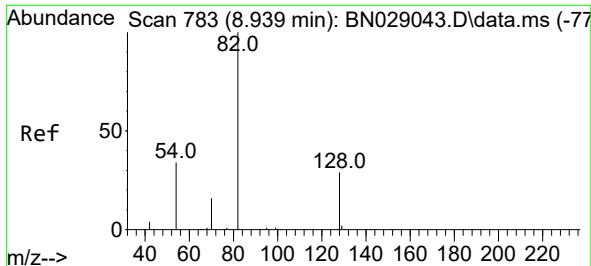
Tgt Ion: 99 Resp: 143
Ion Ratio Lower Upper
99 100
42 15.4 13.4 20.2
71 70.6 47.8 71.6



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.552 min Scan# 934
Delta R.T. -0.011 min
Lab File: BN029080.D
Acq: 07 Dec 2023 07:02

Tgt Ion: 136 Resp: 1528
Ion Ratio Lower Upper
136 100
137 16.0 11.9 17.9
54 9.9 6.4 9.6#
68 8.6 5.3 7.9#

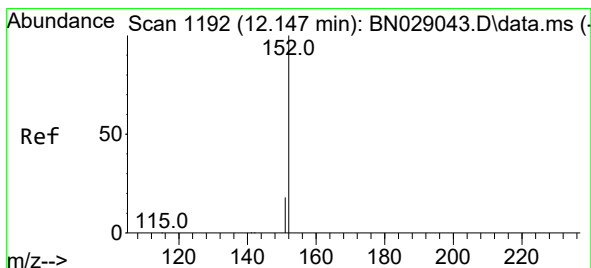
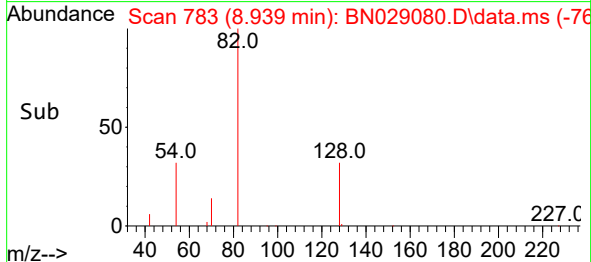
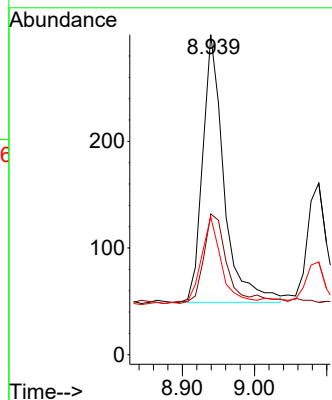
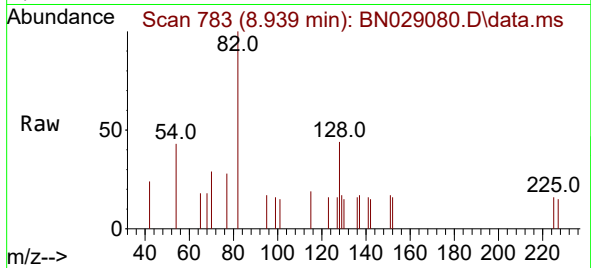




#8
Nitrobenzene-d5
Concen: 0.280 ng
RT: 8.939 min Scan# 783
Delta R.T. 0.000 min
Lab File: BN029080.D
Acq: 07 Dec 2023 07:02

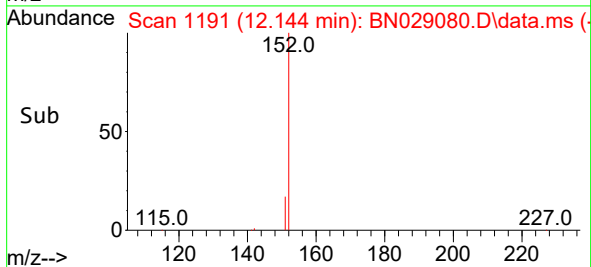
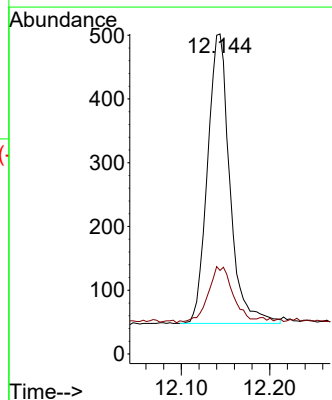
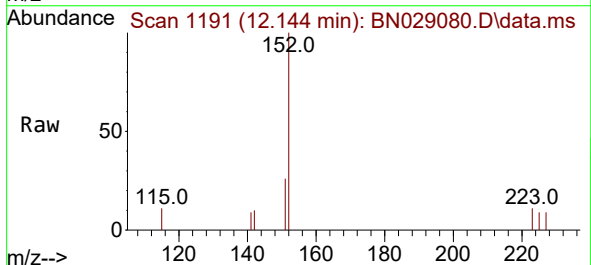
Instrument :
BNA_N
ClientSampleId :
P3874-SP4

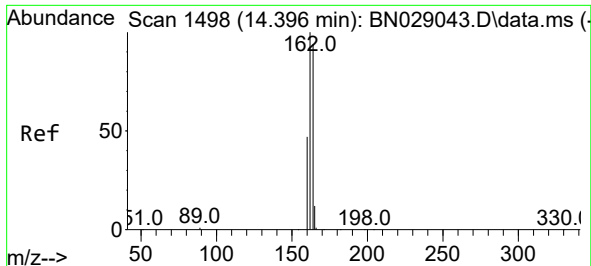
Tgt Ion: 82 Resp: 516
Ion Ratio Lower Upper
82 100
128 44.0 28.2 42.4#
54 43.0 32.1 48.1



#11
2-Methylnaphthalene-d10
Concen: 0.247 ng
RT: 12.144 min Scan# 1191
Delta R.T. -0.004 min
Lab File: BN029080.D
Acq: 07 Dec 2023 07:02

Tgt Ion: 152 Resp: 793
Ion Ratio Lower Upper
152 100
151 21.7 17.4 26.0

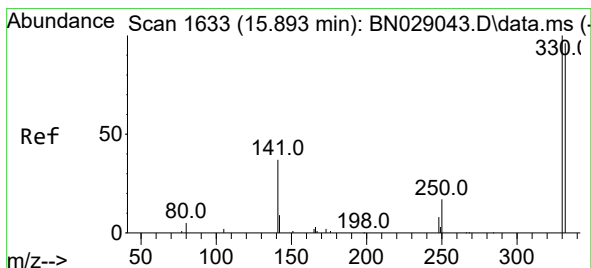
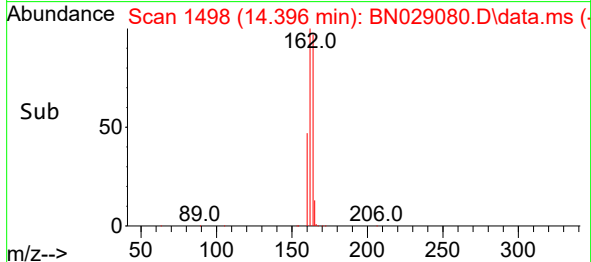
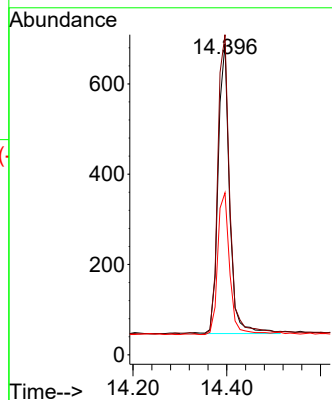
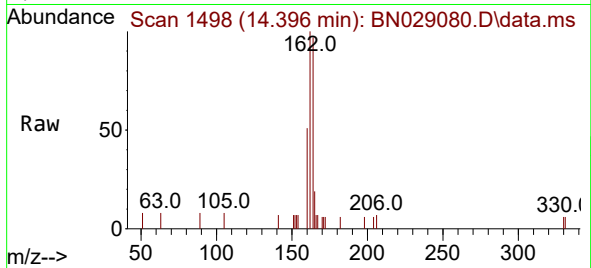




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.396 min Scan# 1498
Delta R.T. 0.000 min
Lab File: BN029080.D
Acq: 07 Dec 2023 07:02

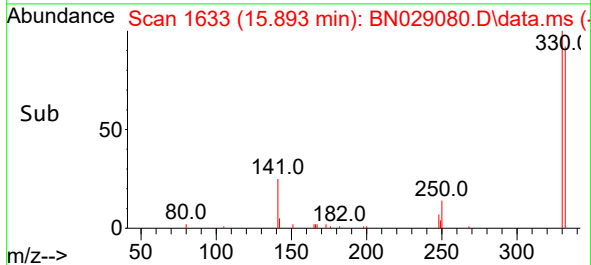
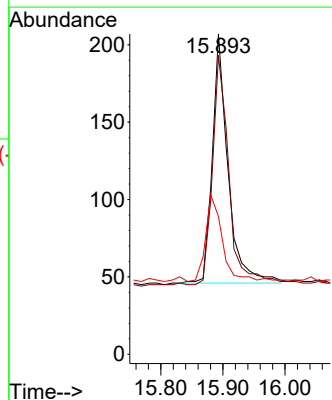
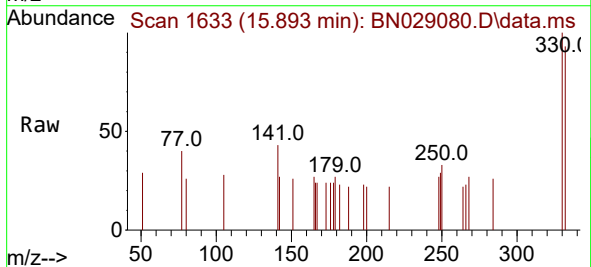
Instrument :
BNA_N
ClientSampleId :
P3874-SP4

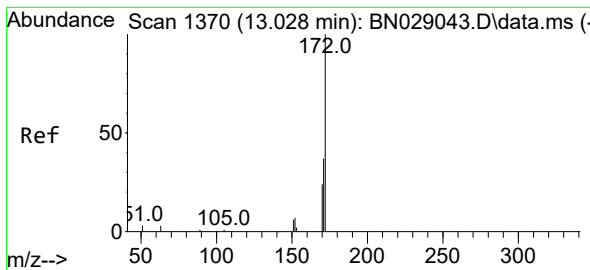
Tgt Ion:164 Resp: 1089
Ion Ratio Lower Upper
164 100
162 102.9 85.0 127.6
160 52.1 41.3 61.9



#14
2,4,6-Tribromophenol
Concen: 0.236 ng
RT: 15.893 min Scan# 1633
Delta R.T. 0.000 min
Lab File: BN029080.D
Acq: 07 Dec 2023 07:02

Tgt Ion:330 Resp: 284
Ion Ratio Lower Upper
330 100
332 96.1 78.8 118.2
141 34.5 28.7 43.1

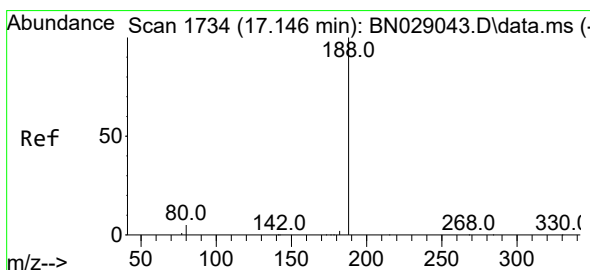
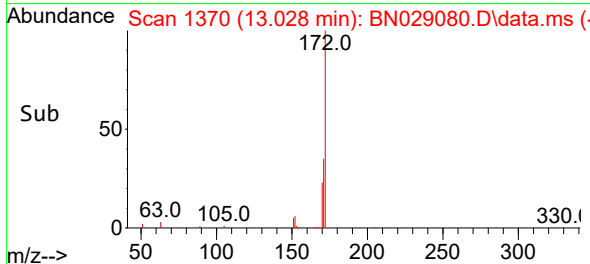
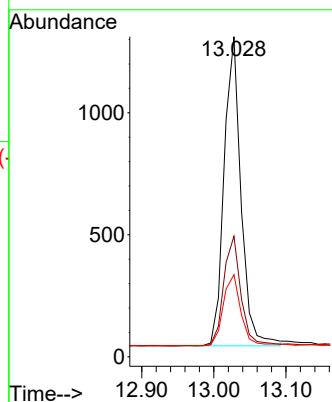
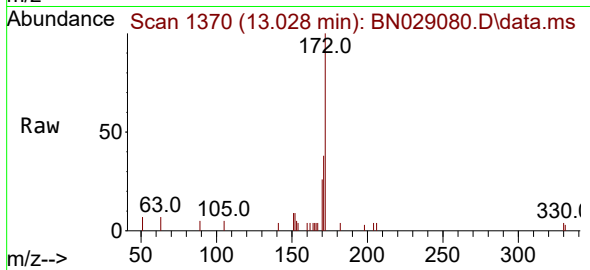




#15
2-Fluorobiphenyl
Concen: 0.365 ng
RT: 13.028 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN029080.D
Acq: 07 Dec 2023 07:02

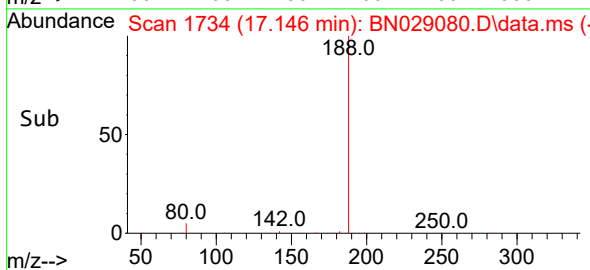
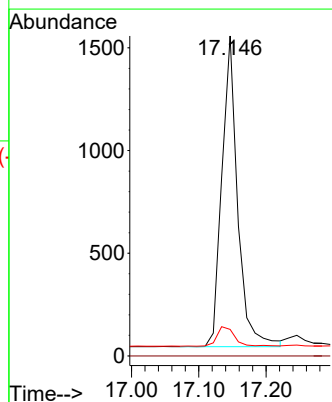
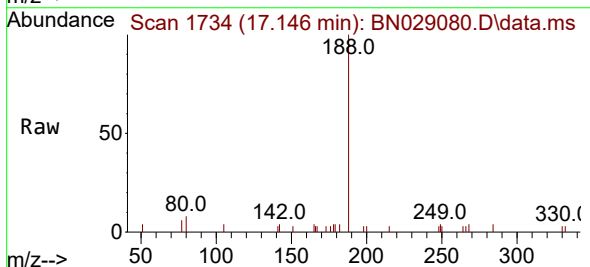
Instrument :
BNA_N
ClientSampleId :
P3874-SP4

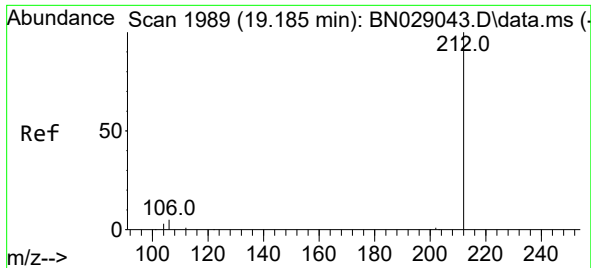
Tgt Ion:	172	Resp:	2056
Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.1	45.1
170	25.7	20.3	30.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.146 min Scan# 1734
Delta R.T. 0.000 min
Lab File: BN029080.D
Acq: 07 Dec 2023 07:02

Tgt Ion:	188	Resp:	2456
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.3	5.4	8.0

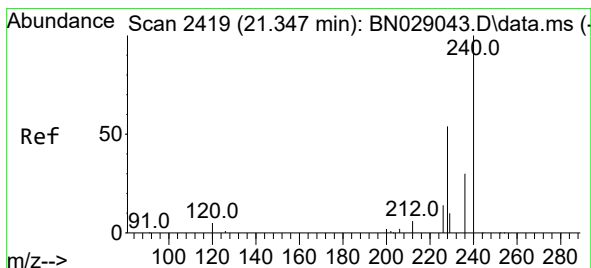
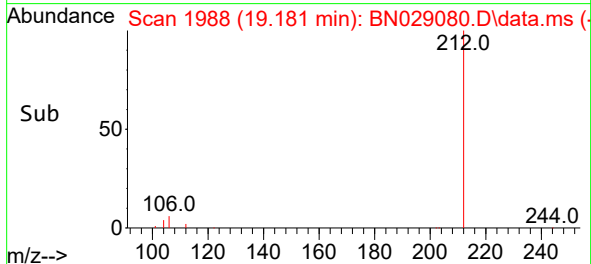
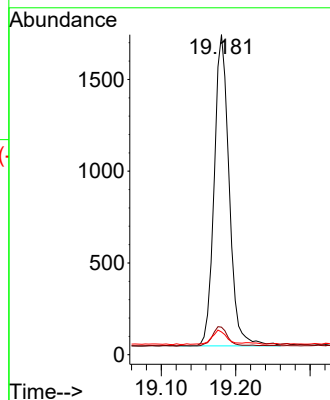
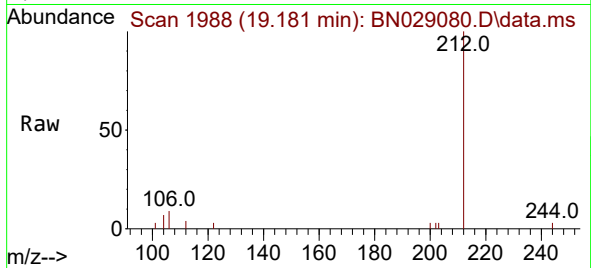




#27
Fluoranthene-d10
Concen: 0.307 ng
RT: 19.181 min Scan# 1989
Delta R.T. -0.005 min
Lab File: BN029080.D
Acq: 07 Dec 2023 07:02

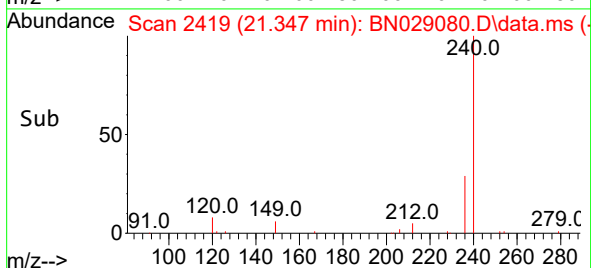
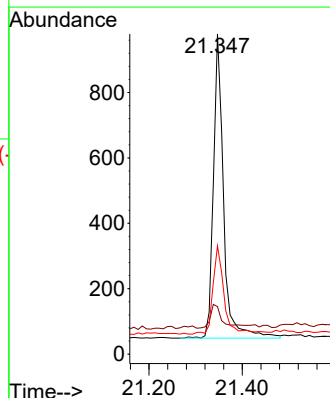
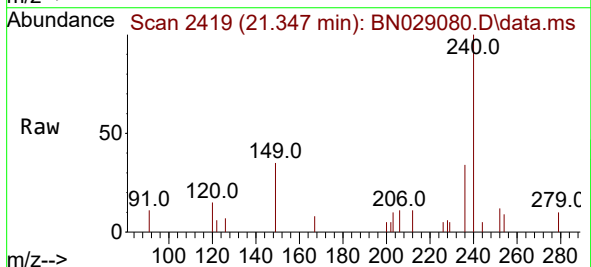
Instrument :
BNA_N
ClientSampleId :
P3874-SP4

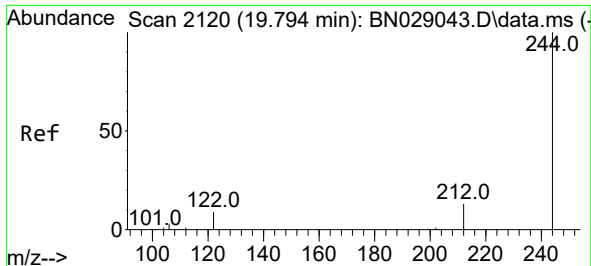
Tgt Ion:212 Resp: 2373
Ion Ratio Lower Upper
212 100
106 6.2 3.9 5.9#
104 4.3 2.6 3.8#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.347 min Scan# 2419
Delta R.T. 0.000 min
Lab File: BN029080.D
Acq: 07 Dec 2023 07:02

Tgt Ion:240 Resp: 1407
Ion Ratio Lower Upper
240 100
120 14.8 6.7 10.1#
236 33.8 25.7 38.5

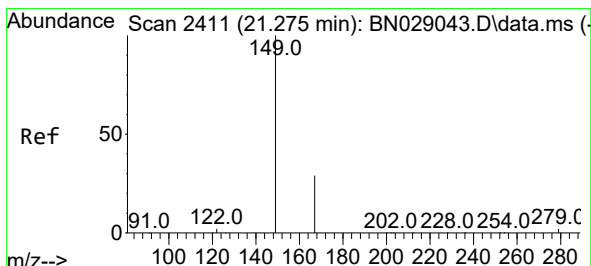
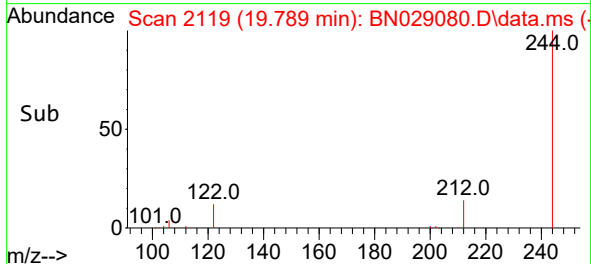
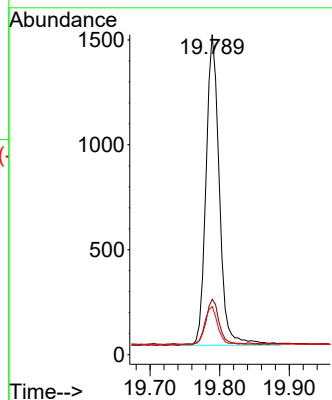
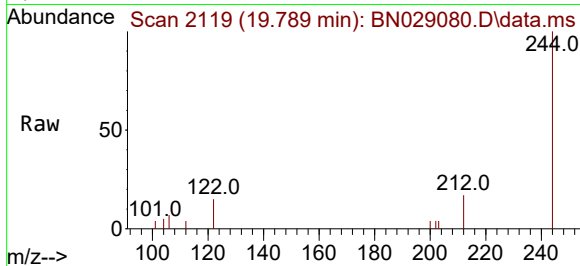




#31
 Terphenyl-d14
 Concen: 0.553 ng
 RT: 19.789 min Scan# 2119
 Delta R.T. -0.005 min
 Lab File: BN029080.D
 Acq: 07 Dec 2023 07:02

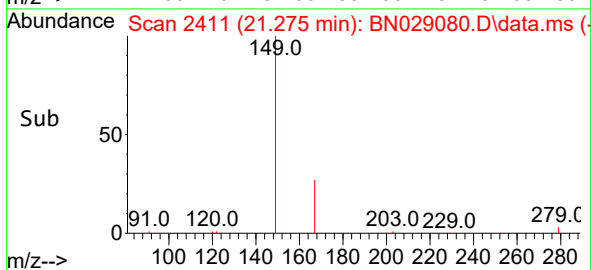
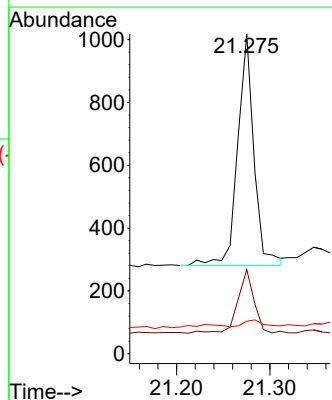
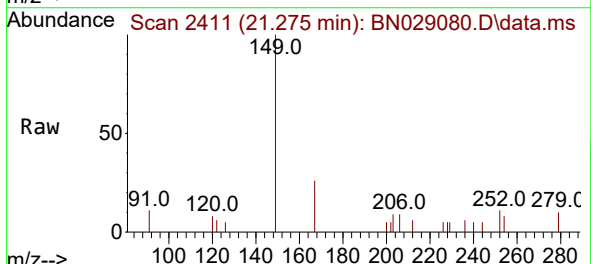
Instrument :
 BNA_N
 ClientSampleId :
 P3874-SP4

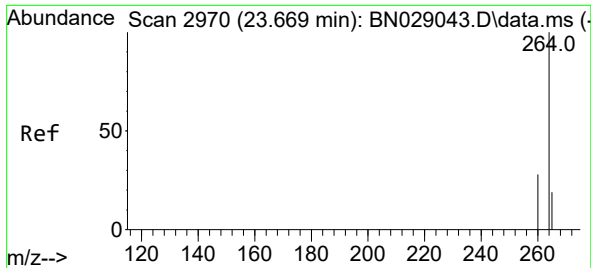
Tgt Ion:244 Resp: 1969
 Ion Ratio Lower Upper
 244 100
 212 17.3 11.6 17.4
 122 15.0 8.2 12.4#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.204 ng
 RT: 21.275 min Scan# 2411
 Delta R.T. 0.000 min
 Lab File: BN029080.D
 Acq: 07 Dec 2023 07:02

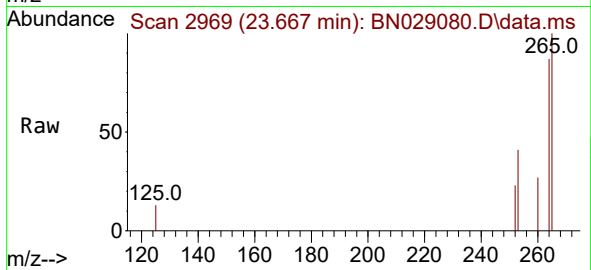
Tgt Ion:149 Resp: 897
 Ion Ratio Lower Upper
 149 100
 167 27.6 23.4 35.2
 279 3.5 3.4 5.2





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.667 min Scan# 2969
 Delta R.T. -0.003 min
 Lab File: BN029080.D
 Acq: 07 Dec 2023 07:02

Instrument :
 BNA_N
 ClientSampleId :
 P3874-SP4



Tgt Ion: 264 Resp: 1345

Ion	Ratio	Lower	Upper
264	100		
260	31.4	23.9	35.9
265	115.3	52.7	79.1

