

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091422\
 Data File : BN021750.D
 Acq On : 14 Sep 2022 16:54
 Operator : CG/JU
 Sample : N4549-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-57

Quant Time: Sep 15 02:11:04 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 14 01:55:04 2022
 Response via : Initial Calibration

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

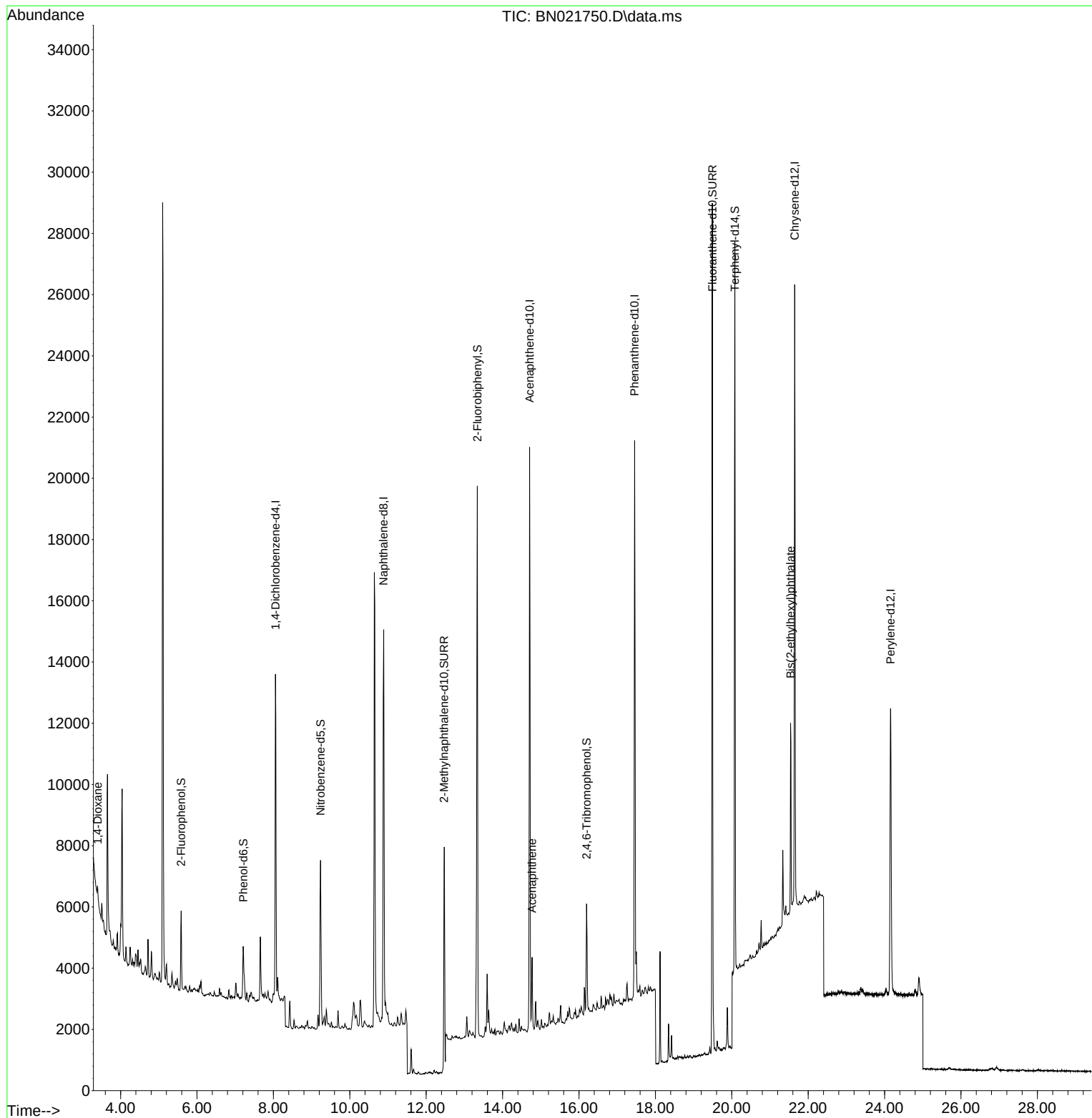
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.054	152	5284	0.400	ng	0.00
7) Naphthalene-d8	10.887	136	17438	0.400	ng	0.00
13) Acenaphthene-d10	14.707	164	10669	0.400	ng	0.00
19) Phenanthrene-d10	17.456	188	23503	0.400	ng	0.00
29) Chrysene-d12	21.647	240	18335	0.400	ng	# 0.00
35) Perylene-d12	24.157	264	14348	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.584	112	2135	0.154	ng	0.00
5) Phenol-d6	7.209	99	1782	0.102	ng	0.00
8) Nitrobenzene-d5	9.233	82	4585	0.318	ng	0.00
11) 2-Methylnaphthalene-d10	12.471	152	14167	0.322	ng	0.00
14) 2,4,6-Tribromophenol	16.197	330	2001	0.410	ng	-0.01
15) 2-Fluorobiphenyl	13.339	172	15783	0.362	ng	0.00
27) Fluoranthene-d10	19.490	212	28862	0.456	ng	0.00
31) Terphenyl-d14	20.080	244	20160	0.481	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.403	88	149	0.022	ng	# 1
17) Acenaphthene	14.771	154	1093	0.031	ng	98
34) Bis(2-ethylhexyl)phtha...	21.540	149	6547	0.139	ng	97

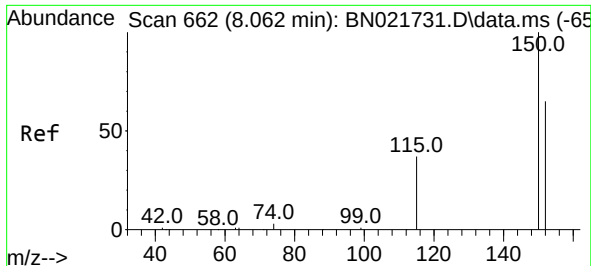
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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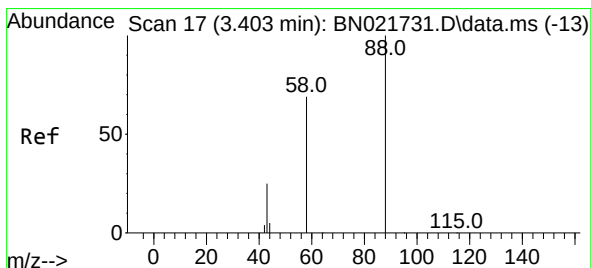
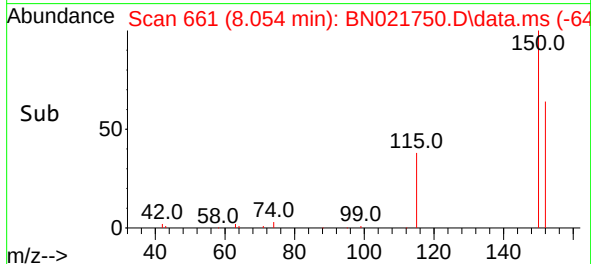
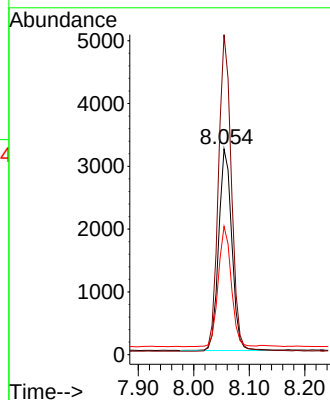
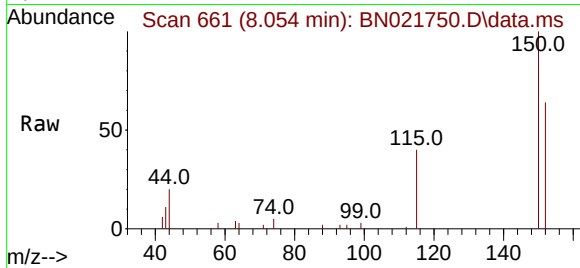




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.054 min Scan# 661
 Delta R.T. -0.008 min
 Lab File: BN021750.D
 Acq: 14 Sep 2022 16:54

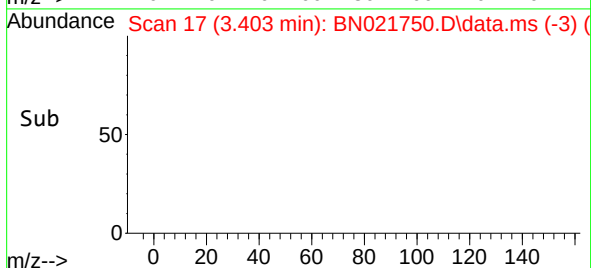
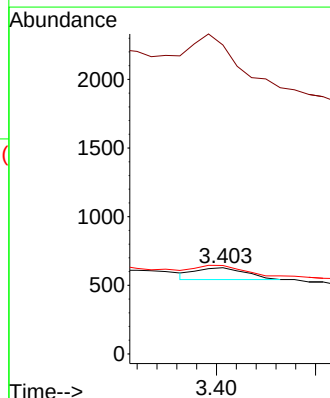
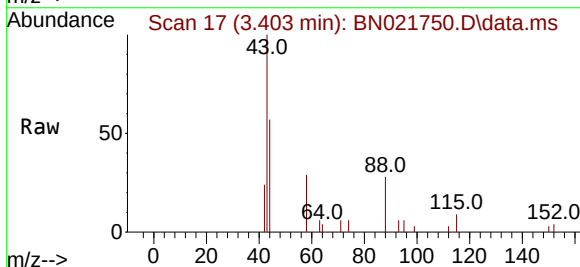
Instrument :
 BNA_N
 ClientSampleId :
 MW-57

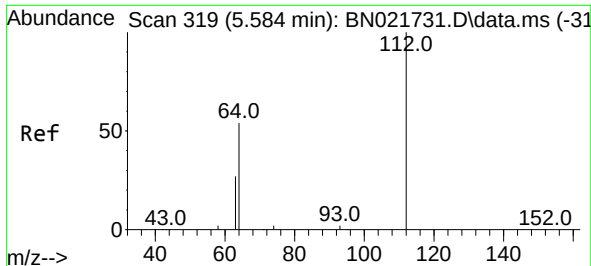
Tgt Ion:152 Resp: 5284
 Ion Ratio Lower Upper
 152 100
 150 155.6 121.8 182.8
 115 62.4 48.3 72.5



#2
 1,4-Dioxane
 Concen: 0.022 ng
 RT: 3.403 min Scan# 17
 Delta R.T. -0.000 min
 Lab File: BN021750.D
 Acq: 14 Sep 2022 16:54

Tgt Ion: 88 Resp: 149
 Ion Ratio Lower Upper
 88 100
 43 414.8 24.2 36.2#
 58 87.9 60.2 90.4

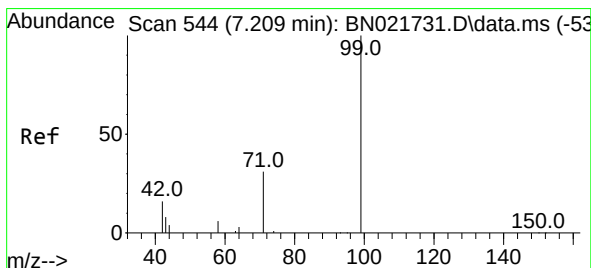
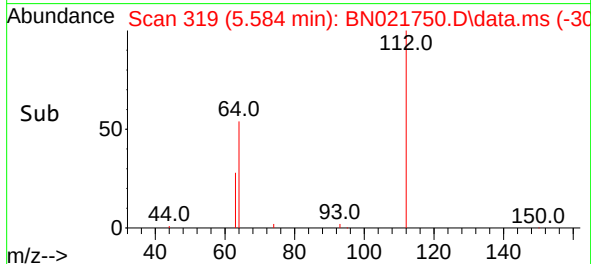
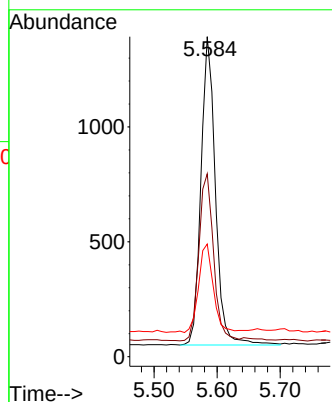
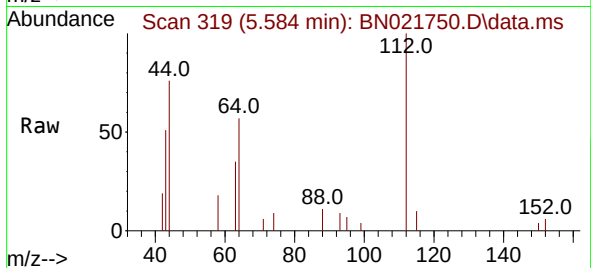




#4
2-Fluorophenol
Concen: 0.154 ng
RT: 5.584 min Scan# 319
Delta R.T. -0.000 min
Lab File: BN021750.D
Acq: 14 Sep 2022 16:54

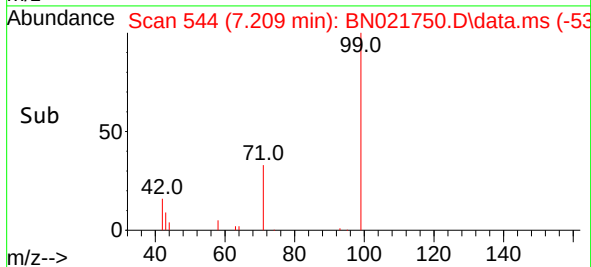
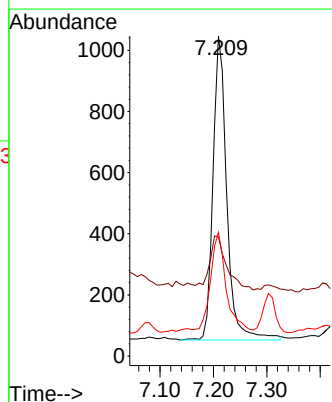
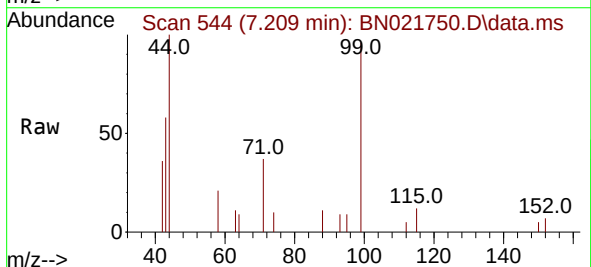
Instrument :
BNA_N
ClientSampleId :
MW-57

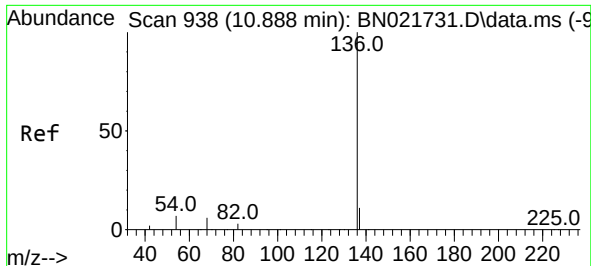
Tgt Ion: 112 Resp: 2135
Ion Ratio Lower Upper
112 100
64 54.8 45.4 68.2
63 29.0 23.3 34.9



#5
Phenol-d6
Concen: 0.102 ng
RT: 7.209 min Scan# 544
Delta R.T. -0.000 min
Lab File: BN021750.D
Acq: 14 Sep 2022 16:54

Tgt Ion: 99 Resp: 1782
Ion Ratio Lower Upper
99 100
42 22.1 15.1 22.7
71 35.4 25.3 37.9

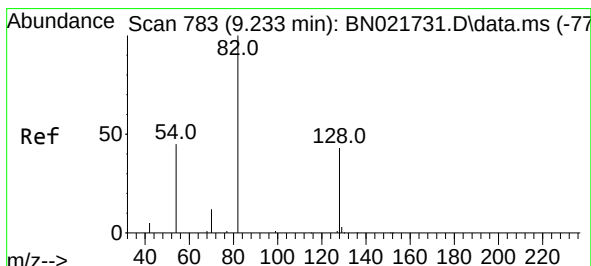
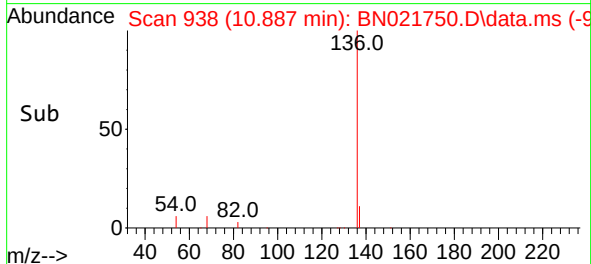
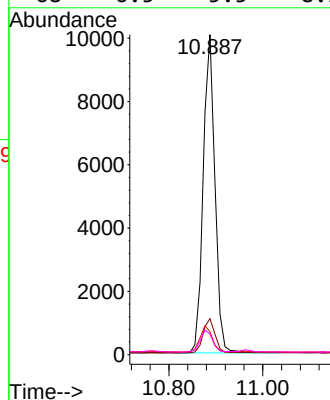
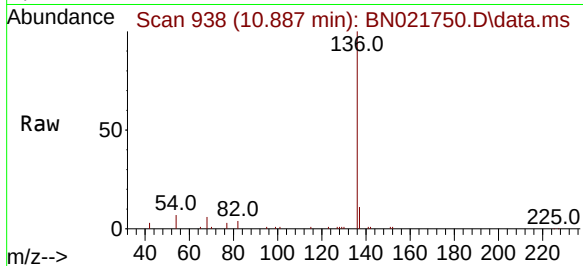




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.887 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN021750.D
Acq: 14 Sep 2022 16:54

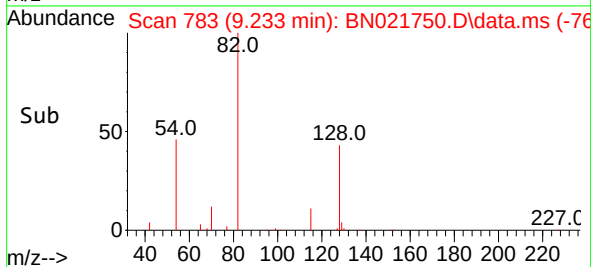
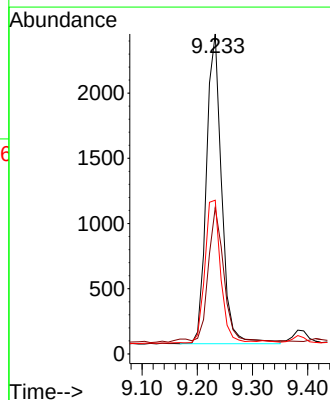
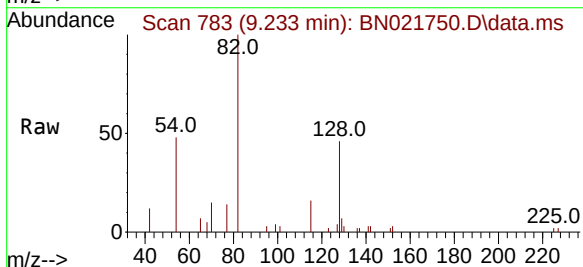
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BNA_N
ClientSampleId :
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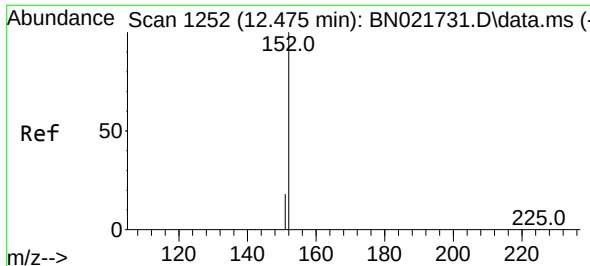
Tgt Ion:	136	Resp:	17438
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.1	13.7
54	7.2	6.4	9.6
68	6.5	5.5	8.3



#8
Nitrobenzene-d5
Concen: 0.318 ng
RT: 9.233 min Scan# 783
Delta R.T. -0.000 min
Lab File: BN021750.D
Acq: 14 Sep 2022 16:54

Tgt Ion:	82	Resp:	4585
Ion Ratio	Lower	Upper	
82	100		
128	45.8	35.6	53.4
54	48.0	37.8	56.8

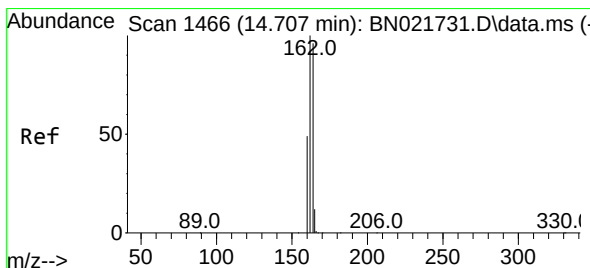
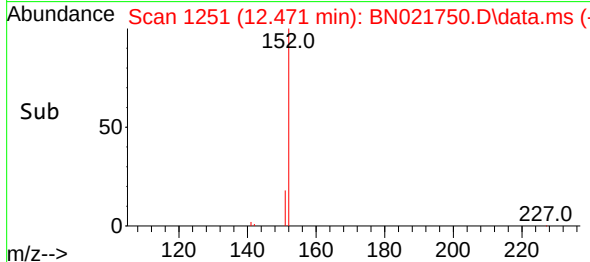
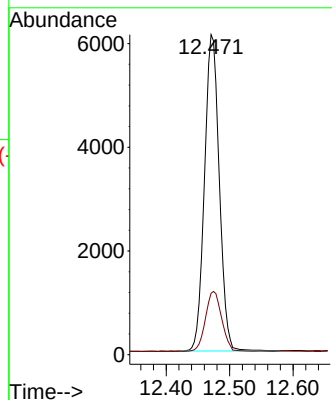
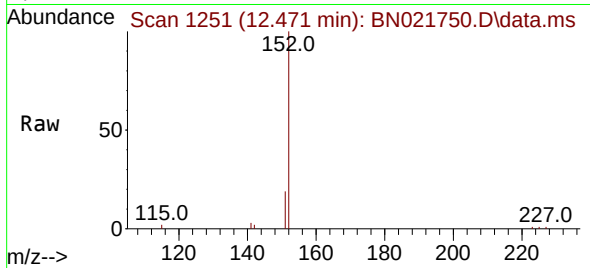




#11
2-Methylnaphthalene-d10
Concen: 0.322 ng
RT: 12.471 min Scan# 1251
Delta R.T. -0.004 min
Lab File: BN021750.D
Acq: 14 Sep 2022 16:54

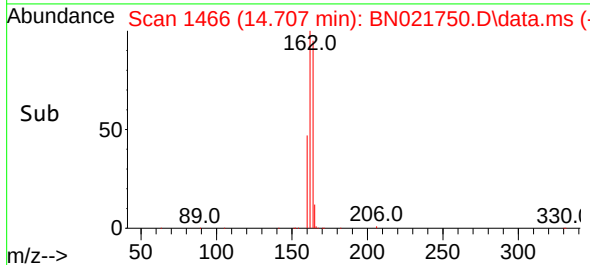
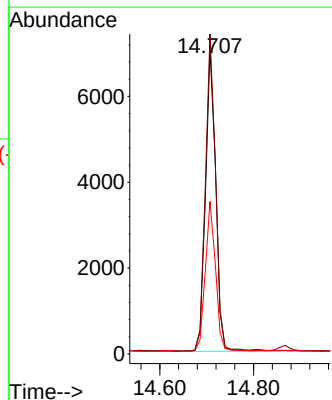
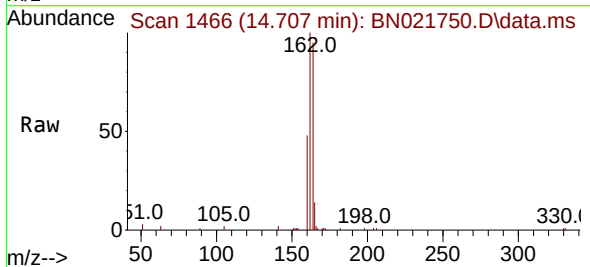
Instrument :
BNA_N
ClientSampleId :
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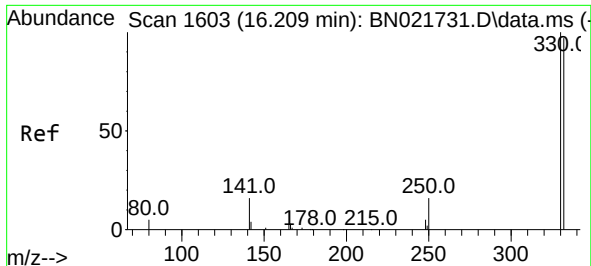
Tgt Ion:152 Resp: 14167
Ion Ratio Lower Upper
152 100
151 20.4 15.6 23.4



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.707 min Scan# 1466
Delta R.T. -0.000 min
Lab File: BN021750.D
Acq: 14 Sep 2022 16:54

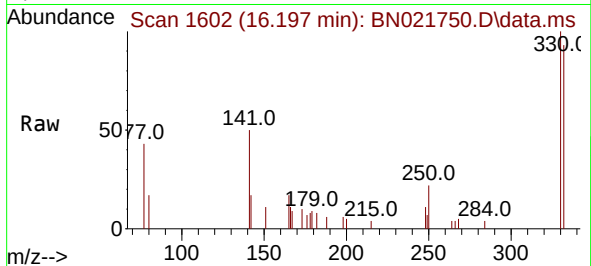
Tgt Ion:164 Resp: 10669
Ion Ratio Lower Upper
164 100
162 105.0 83.2 124.8
160 50.1 40.9 61.3



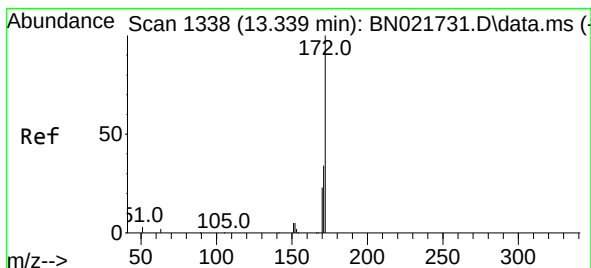
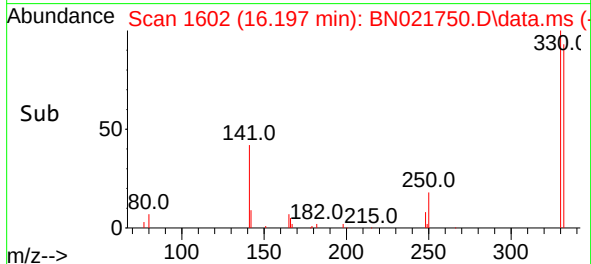
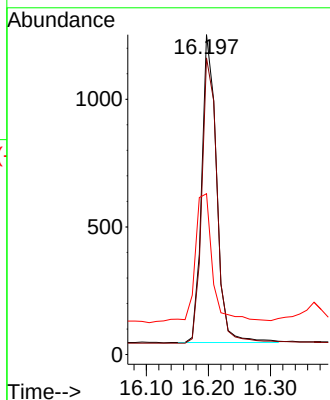


#14
 2,4,6-Tribromophenol
 Concen: 0.410 ng
 RT: 16.197 min Scan# 1602
 Delta R.T. -0.012 min
 Lab File: BN021750.D
 Acq: 14 Sep 2022 16:54

Instrument :
 BNA_N
 ClientSampleId :
 MW-57

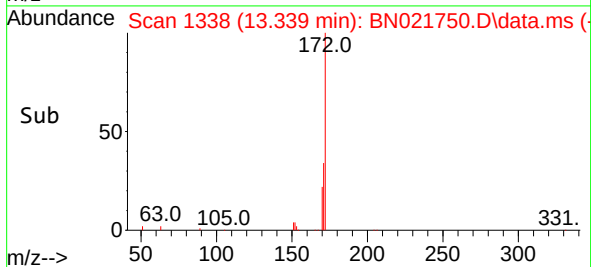
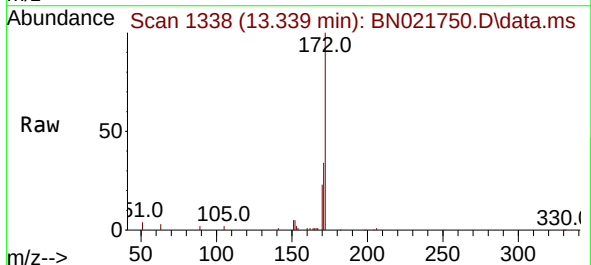
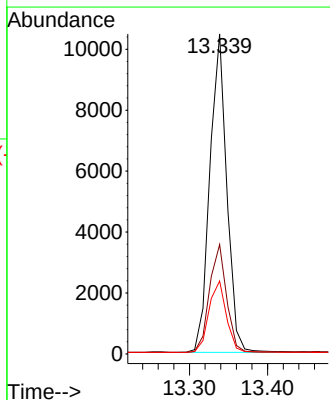


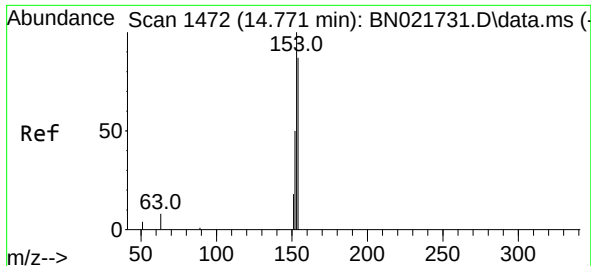
Tgt Ion: 330 Resp: 2001
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.8 115.2
 141 46.7 37.2 55.8



#15
 2-Fluorobiphenyl
 Concen: 0.362 ng
 RT: 13.339 min Scan# 1338
 Delta R.T. -0.000 min
 Lab File: BN021750.D
 Acq: 14 Sep 2022 16:54

Tgt Ion: 172 Resp: 15783
 Ion Ratio Lower Upper
 172 100
 171 34.2 27.7 41.5
 170 22.8 18.8 28.2

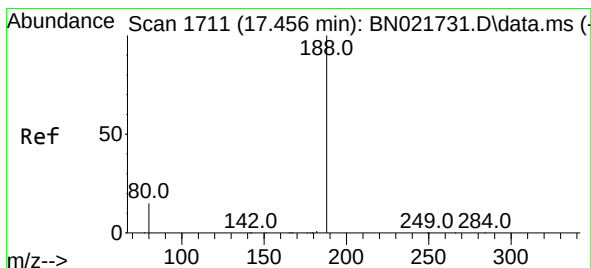
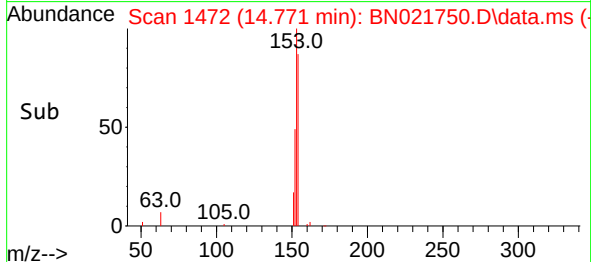
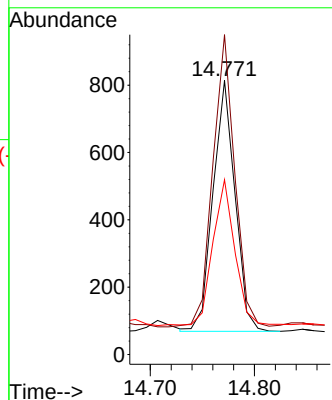
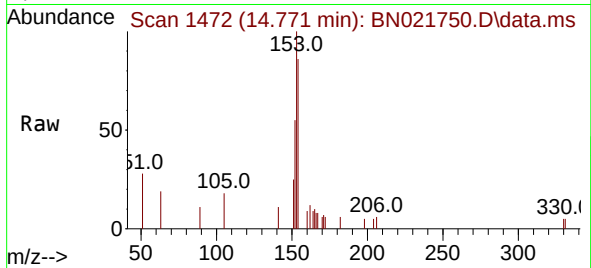




#17
Acenaphthene
Concen: 0.031 ng
RT: 14.771 min Scan# 1472
Delta R.T. -0.000 min
Lab File: BN021750.D
Acq: 14 Sep 2022 16:54

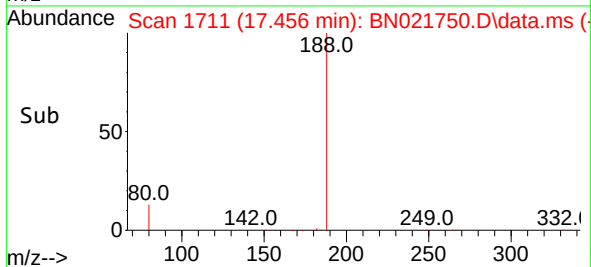
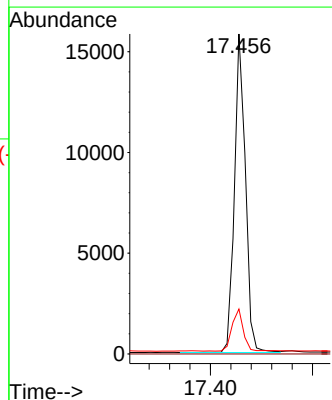
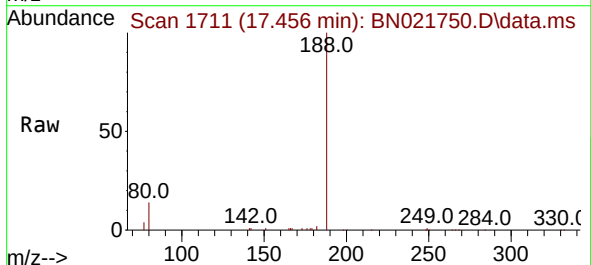
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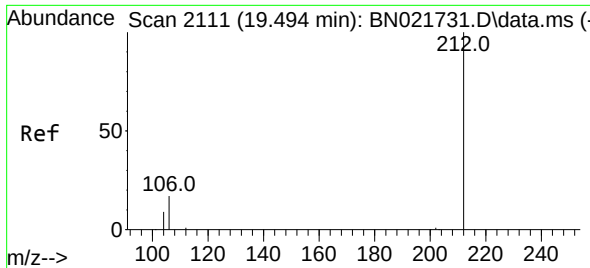
Tgt Ion:	154	Resp:	1093
Ion	Ratio	Lower	Upper
154	100		
153	116.1	91.0	136.4
152	57.4	46.0	69.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.456 min Scan# 1711
Delta R.T. -0.000 min
Lab File: BN021750.D
Acq: 14 Sep 2022 16:54

Tgt Ion:	188	Resp:	23503
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.1	12.6	19.0

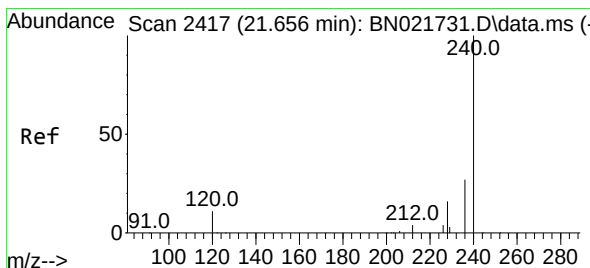
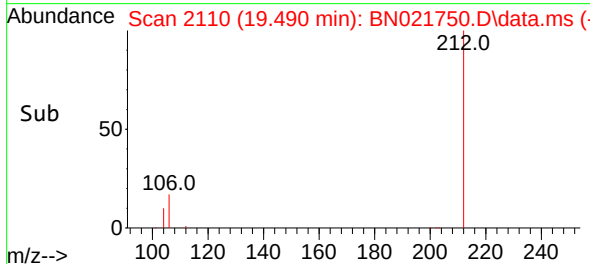
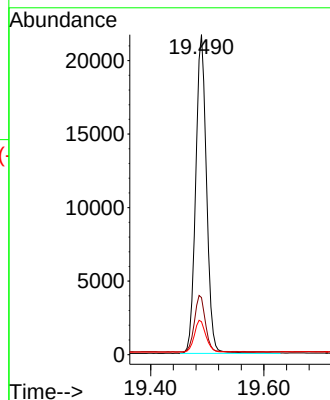
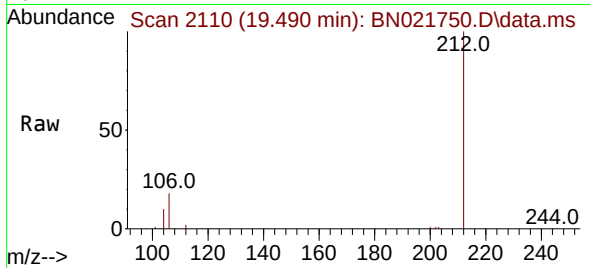




#27
Fluoranthene-d10
Concen: 0.456 ng
RT: 19.490 min Scan# 2111
Delta R.T. -0.004 min
Lab File: BN021750.D
Acq: 14 Sep 2022 16:54

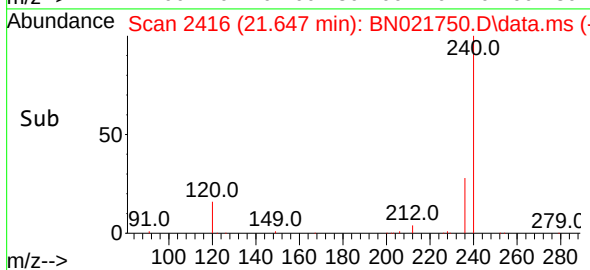
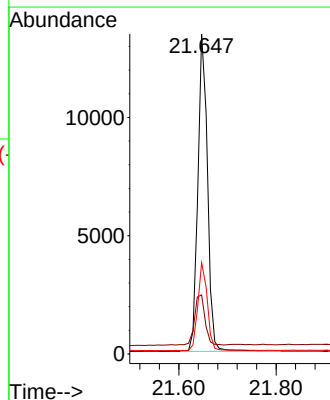
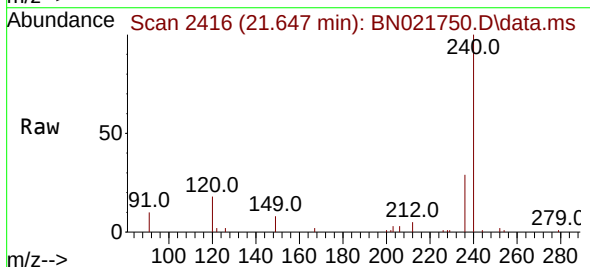
Instrument :
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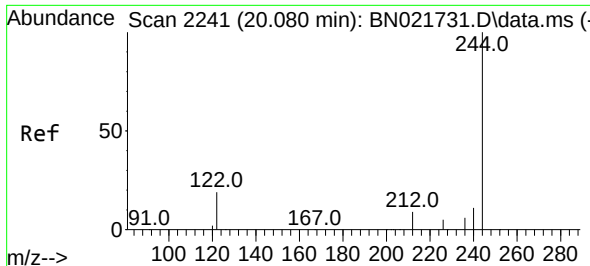
Tgt Ion:212 Resp: 28862
Ion Ratio Lower Upper
212 100
106 17.7 14.3 21.5
104 10.6 8.0 12.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.647 min Scan# 2416
Delta R.T. -0.009 min
Lab File: BN021750.D
Acq: 14 Sep 2022 16:54

Tgt Ion:240 Resp: 18335
Ion Ratio Lower Upper
240 100
120 18.5 9.8 14.8#
236 28.5 22.2 33.4

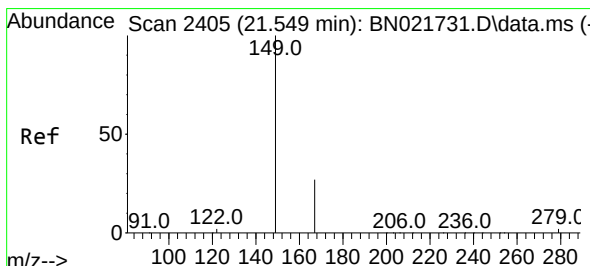
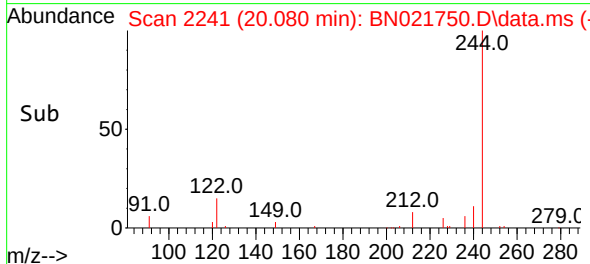
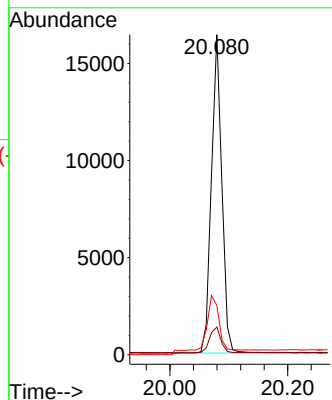
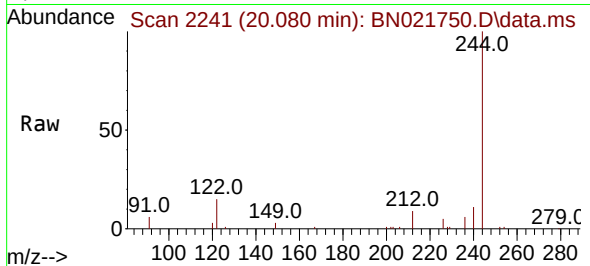




#31
 Terphenyl-d14
 Concen: 0.481 ng
 RT: 20.080 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN021750.D
 Acq: 14 Sep 2022 16:54

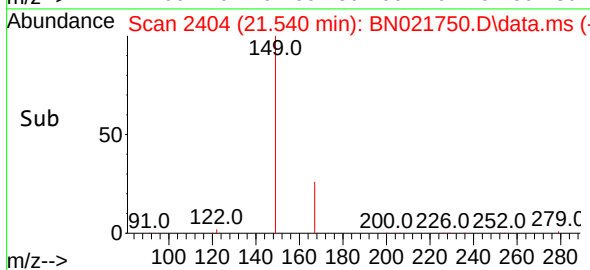
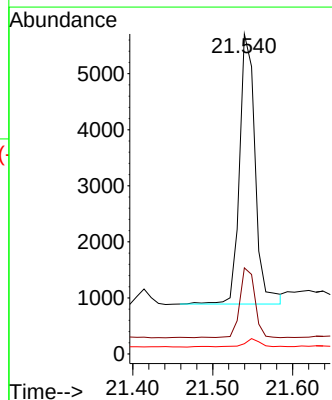
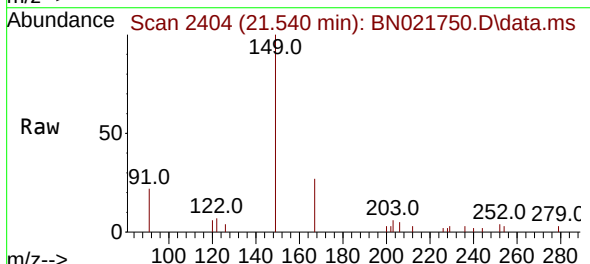
Instrument :
 BNA_N
 ClientSampleId :
 MW-57

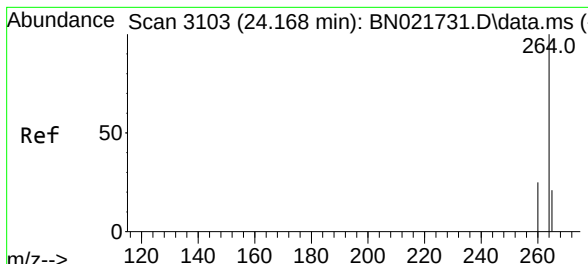
Tgt Ion:244 Resp: 20160
 Ion Ratio Lower Upper
 244 100
 212 8.7 7.9 11.9
 122 15.3 15.8 23.8#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.139 ng
 RT: 21.540 min Scan# 2404
 Delta R.T. -0.009 min
 Lab File: BN021750.D
 Acq: 14 Sep 2022 16:54

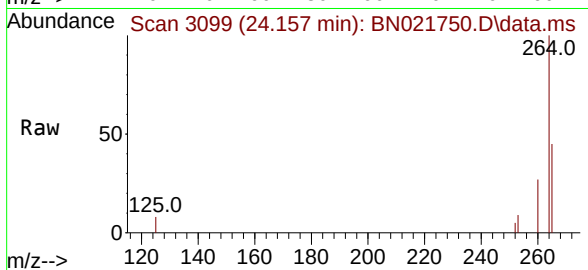
Tgt Ion:149 Resp: 6547
 Ion Ratio Lower Upper
 149 100
 167 24.7 20.8 31.2
 279 3.0 2.1 3.1





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.157 min Scan# 3099
 Delta R.T. -0.012 min
 Lab File: BN021750.D
 Acq: 14 Sep 2022 16:54

Instrument :
 BNA_N
 ClientSampleId :
 MW-57



Tgt Ion: 264 Resp: 14348

Ion	Ratio	Lower	Upper
264	100		
260	26.9	20.6	31.0
265	45.4	34.4	51.6

