

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102623\
 Data File : BN028402.D
 Acq On : 26 Oct 2023 17:15
 Operator : MA/JU
 Sample : 05040-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EB-2

Quant Time: Oct 26 17:57:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 23 15:14:08 2023
 Response via : Initial Calibration

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

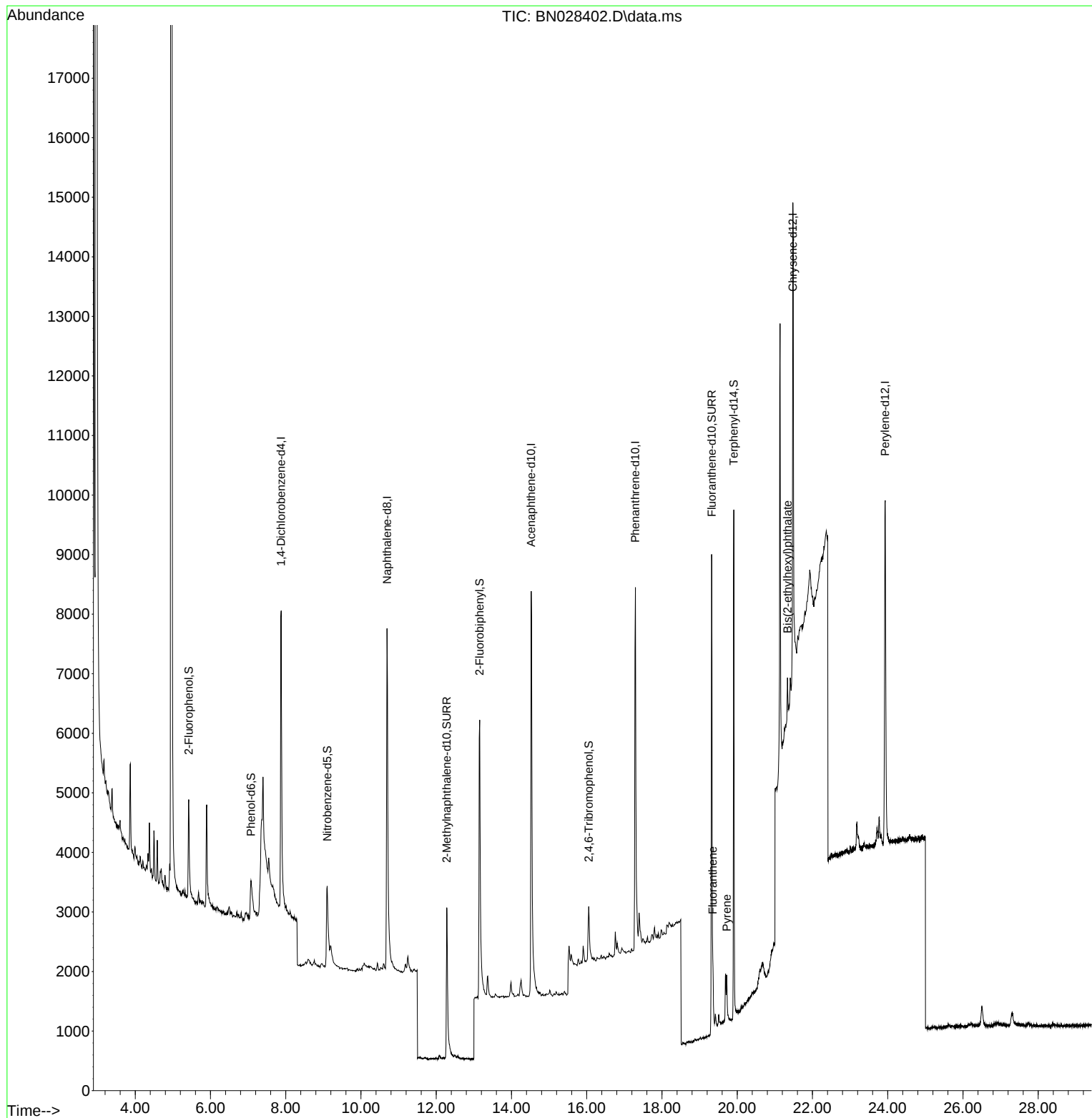
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.878	152	3166	0.400	ng	0.00
7) Naphthalene-d8	10.693	136	11112	0.400	ng	#-0.01
13) Acenaphthene-d10	14.523	164	6113	0.400	ng	-0.01
19) Phenanthrene-d10	17.294	188	10969	0.400	ng	# 0.00
29) Chrysene-d12	21.480	240	8317	0.400	ng	# 0.00
35) Perylene-d12	23.931	264	9187	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.423	112	2018	0.205	ng	0.00
5) Phenol-d6	7.077	99	1550	0.128	ng	0.02
8) Nitrobenzene-d5	9.102	82	2573	0.261	ng	0.00
11) 2-Methylnaphthalene-d10	12.279	152	5496	0.329	ng	-0.02
14) 2,4,6-Tribromophenol	16.053	330	562	0.189	ng	-0.01
15) 2-Fluorobiphenyl	13.154	172	6629	0.308	ng	-0.01
27) Fluoranthene-d10	19.323	212	10103	0.344	ng	0.00
31) Terphenyl-d14	19.909	244	8675	0.491	ng	0.00
Target Compounds						Qvalue
28) Fluoranthene	19.351	202	947	0.025	ng	# 94
30) Pyrene	19.723	202	810	0.028	ng	# 79
34) Bis(2-ethylhexyl)phtha...	21.336	149	633	0.028	ng	# 96

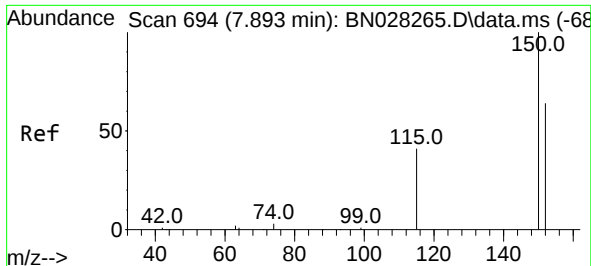
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

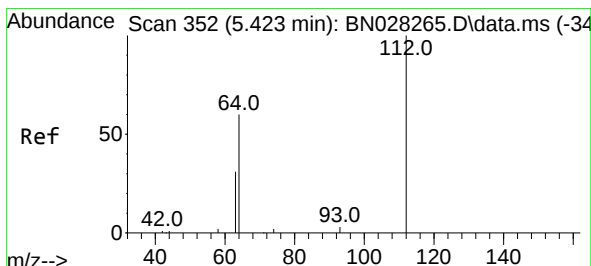
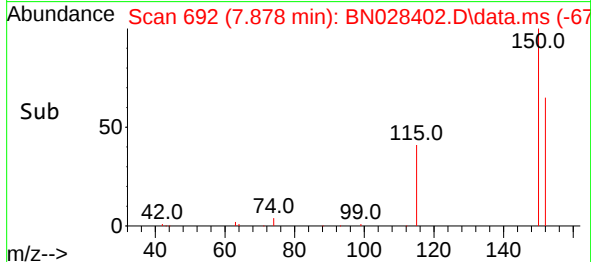
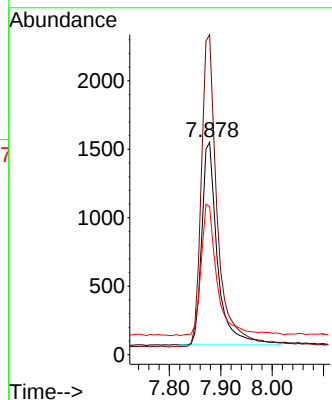
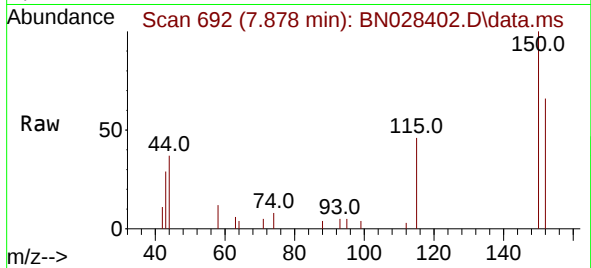




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.878 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: BN028402.D
 Acq: 26 Oct 2023 17:15

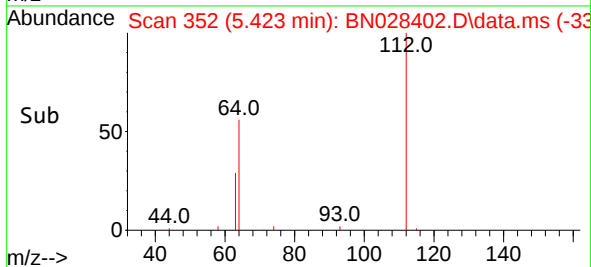
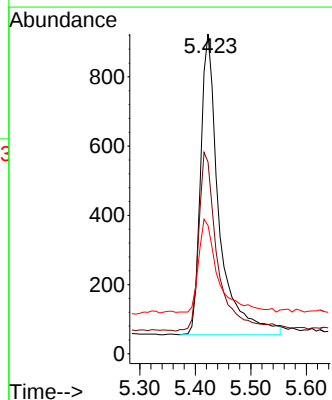
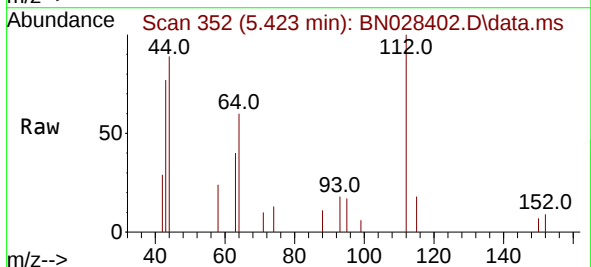
Instrument :
 BNA_N
 ClientSampleId :
 EB-2

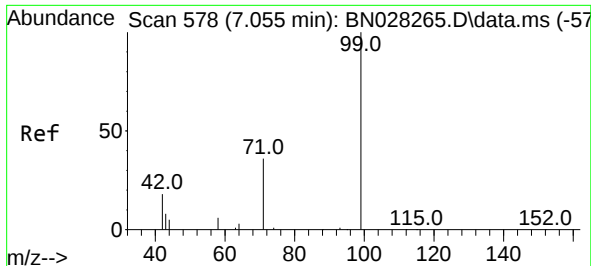
Tgt Ion:152 Resp: 3166
 Ion Ratio Lower Upper
 152 100
 150 150.6 121.6 182.4
 115 69.6 54.3 81.5



#4
 2-Fluorophenol
 Concen: 0.205 ng
 RT: 5.423 min Scan# 352
 Delta R.T. -0.007 min
 Lab File: BN028402.D
 Acq: 26 Oct 2023 17:15

Tgt Ion:112 Resp: 2018
 Ion Ratio Lower Upper
 112 100
 64 60.7 46.9 70.3
 63 31.4 25.0 37.4

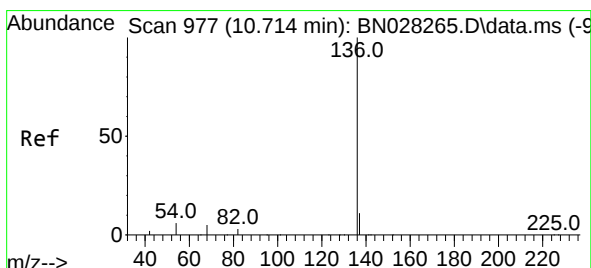
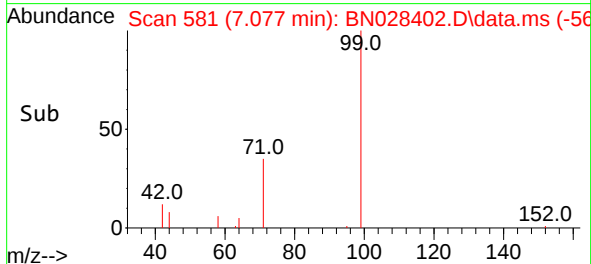
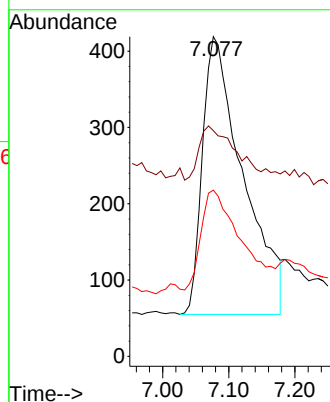
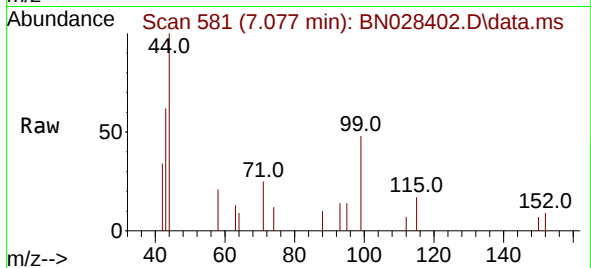




#5
Phenol-d6
Concen: 0.128 ng
RT: 7.077 min Scan# 51
Delta R.T. 0.022 min
Lab File: BN028402.D
Acq: 26 Oct 2023 17:15

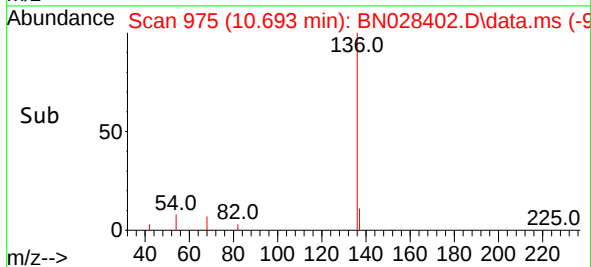
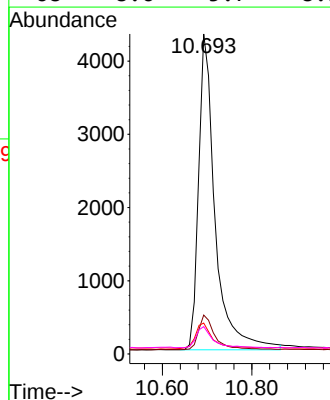
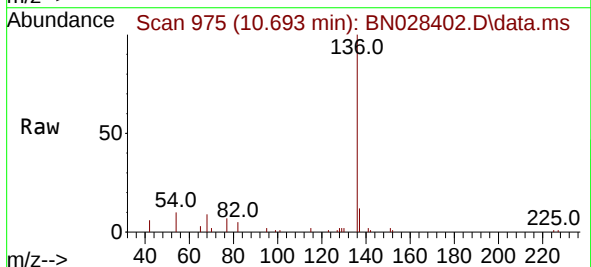
Instrument :
BNA_N
ClientSampleId :
EB-2

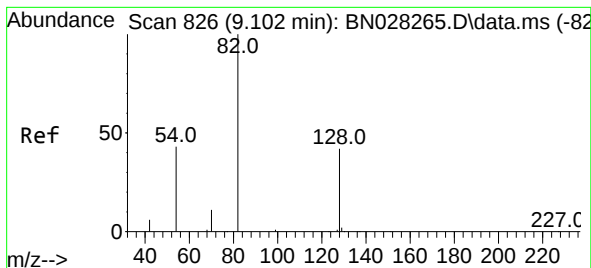
Tgt Ion: 99 Resp: 1550
Ion Ratio Lower Upper
99 100
42 18.4 15.9 23.9
71 35.3 28.6 42.8



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.693 min Scan# 975
Delta R.T. -0.011 min
Lab File: BN028402.D
Acq: 26 Oct 2023 17:15

Tgt Ion: 136 Resp: 11112
Ion Ratio Lower Upper
136 100
137 12.1 9.8 14.8
54 9.7 6.2 9.4#
68 8.6 5.7 8.5#

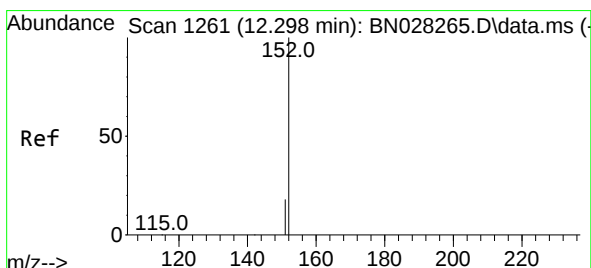
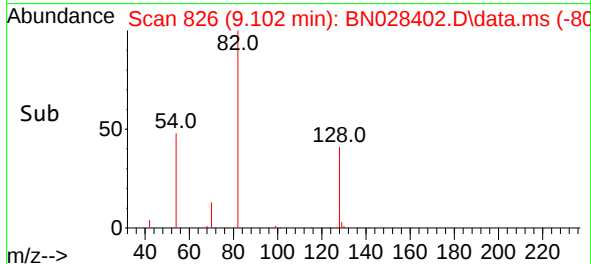
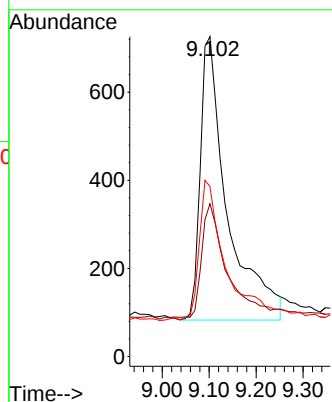
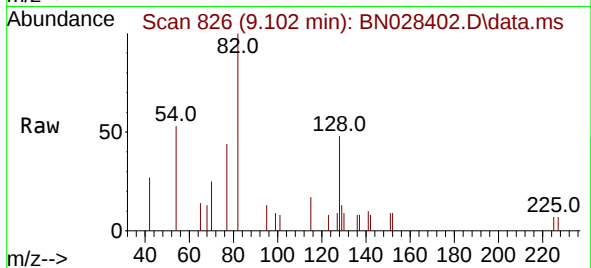




#8
Nitrobenzene-d5
Concen: 0.261 ng
RT: 9.102 min Scan# 81
Delta R.T. 0.000 min
Lab File: BN028402.D
Acq: 26 Oct 2023 17:15

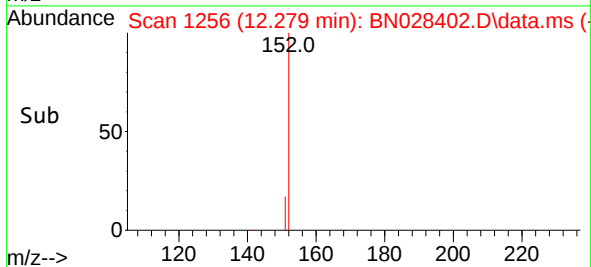
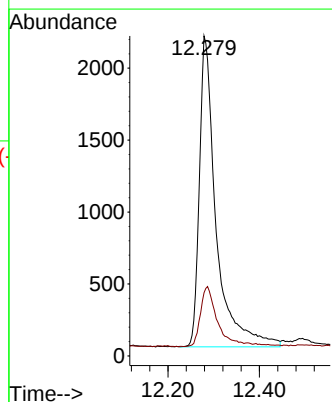
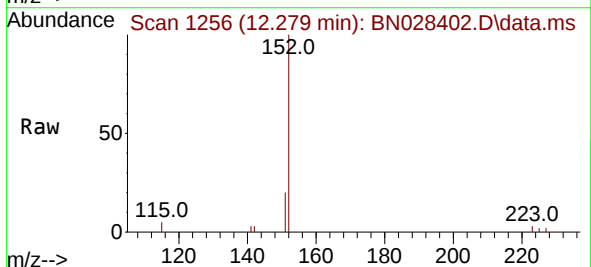
Instrument :
BNA_N
ClientSampleId :
EB-2

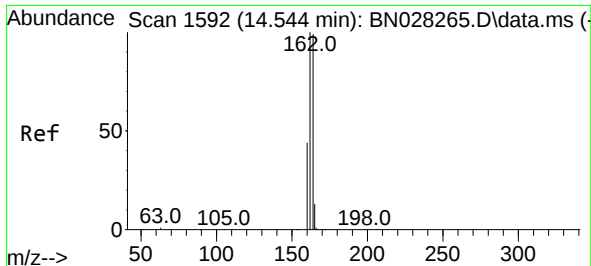
Tgt Ion: 82 Resp: 2573
Ion Ratio Lower Upper
82 100
128 47.8 36.8 55.2
54 53.2 37.4 56.2



#11
2-Methylnaphthalene-d10
Concen: 0.329 ng
RT: 12.279 min Scan# 1256
Delta R.T. -0.015 min
Lab File: BN028402.D
Acq: 26 Oct 2023 17:15

Tgt Ion: 152 Resp: 5496
Ion Ratio Lower Upper
152 100
151 19.1 16.1 24.1

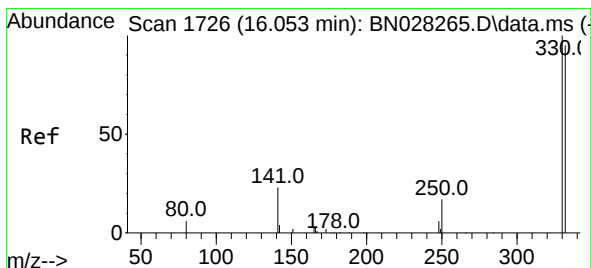
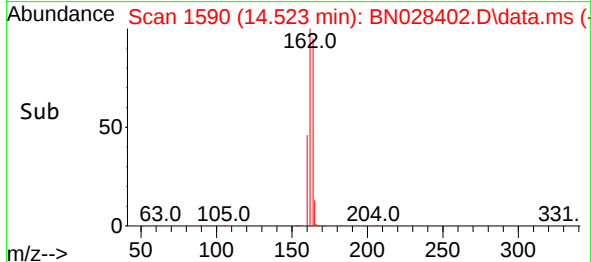
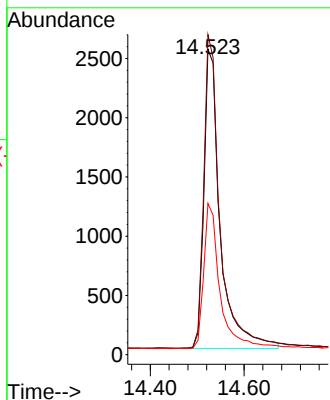
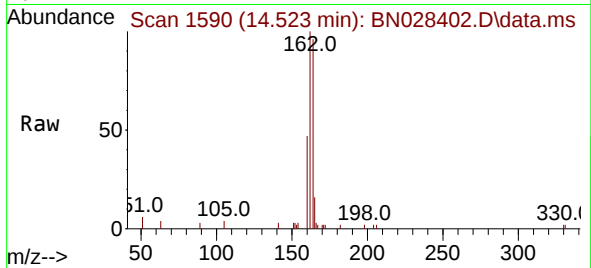




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.523 min Scan# 1590
 Delta R.T. -0.011 min
 Lab File: BN028402.D
 Acq: 26 Oct 2023 17:15

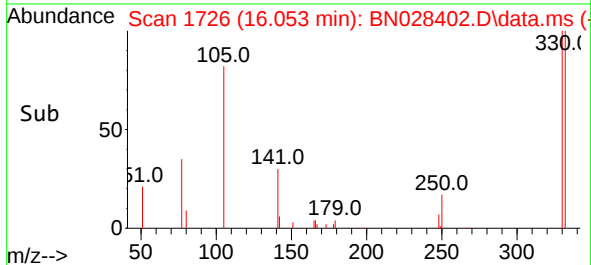
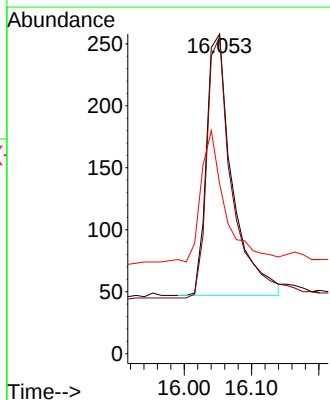
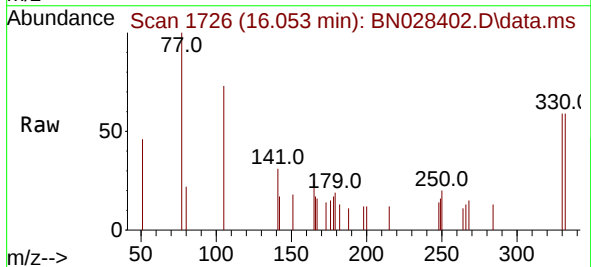
Instrument :
 BNA_N
 ClientSampleId :
 EB-2

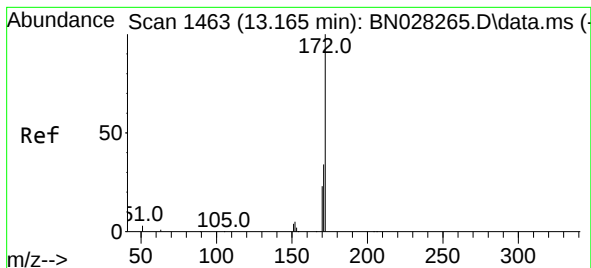
Tgt Ion:164 Resp: 6113
 Ion Ratio Lower Upper
 164 100
 162 104.7 81.1 121.7
 160 49.5 36.6 54.8



#14
 2,4,6-Tribromophenol
 Concen: 0.189 ng
 RT: 16.053 min Scan# 1726
 Delta R.T. -0.012 min
 Lab File: BN028402.D
 Acq: 26 Oct 2023 17:15

Tgt Ion:330 Resp: 562
 Ion Ratio Lower Upper
 330 100
 332 99.3 74.1 111.1
 141 45.4 32.1 48.1





#15

2-Fluorobiphenyl

Concen: 0.308 ng

RT: 13.154 min Scan# 1462

Delta R.T. -0.011 min

Lab File: BN028402.D

Acq: 26 Oct 2023 17:15

Instrument :

BNA_N

ClientSampleId :

EB-2

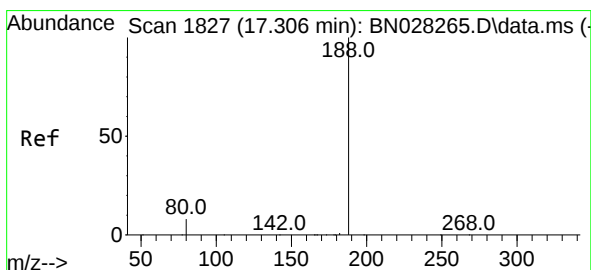
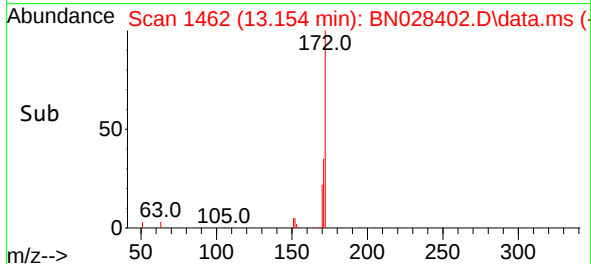
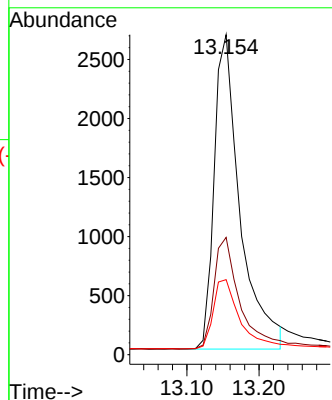
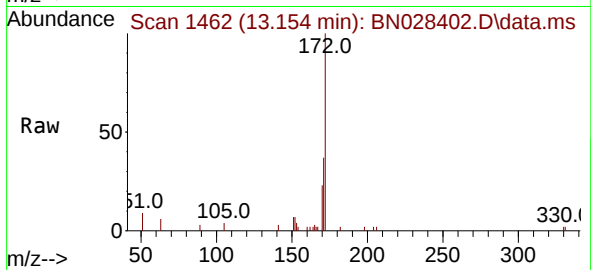
Tgt Ion:172 Resp: 6629

Ion Ratio Lower Upper

172 100

171 36.6 28.3 42.5

170 23.5 18.7 28.1



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.294 min Scan# 1826

Delta R.T. 0.000 min

Lab File: BN028402.D

Acq: 26 Oct 2023 17:15

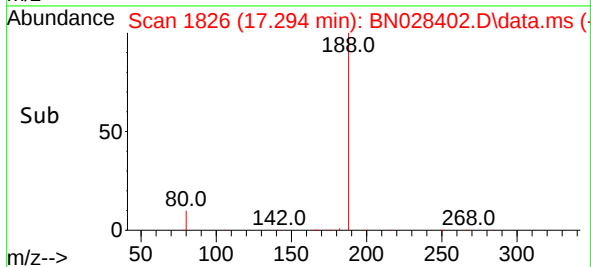
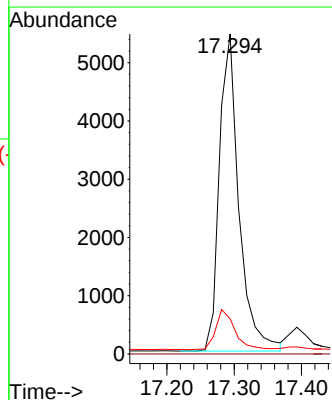
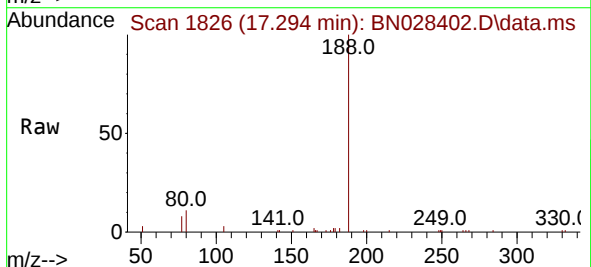
Tgt Ion:188 Resp: 10969

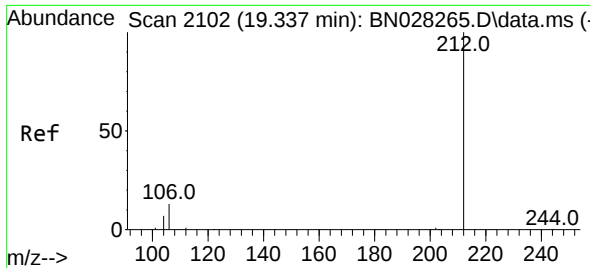
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.0 7.1 10.7#

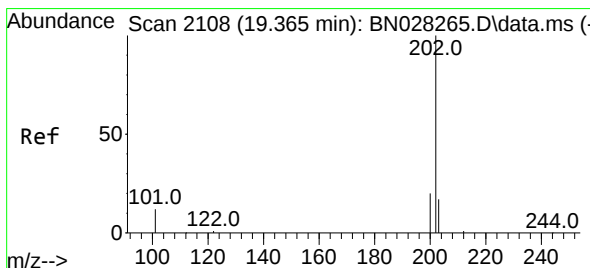
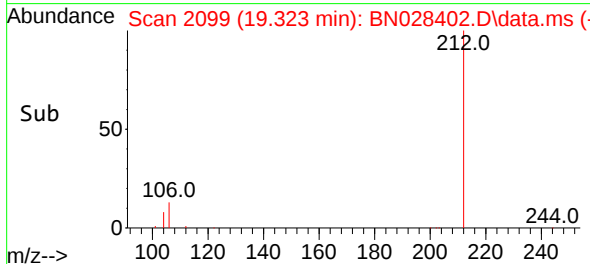
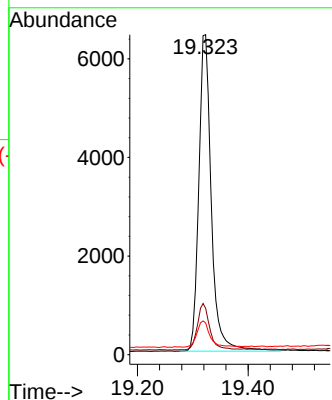
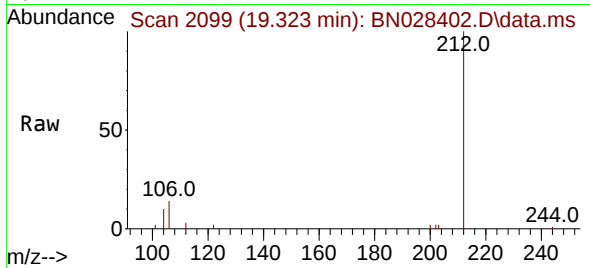




#27
Fluoranthene-d10
Concen: 0.344 ng
RT: 19.323 min Scan# 2109
Delta R.T. -0.005 min
Lab File: BN028402.D
Acq: 26 Oct 2023 17:15

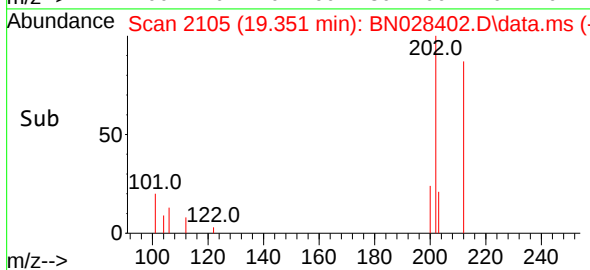
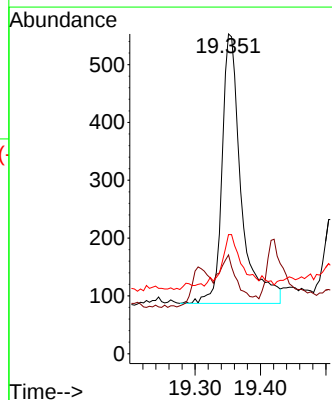
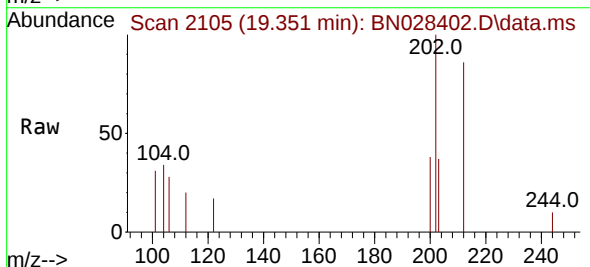
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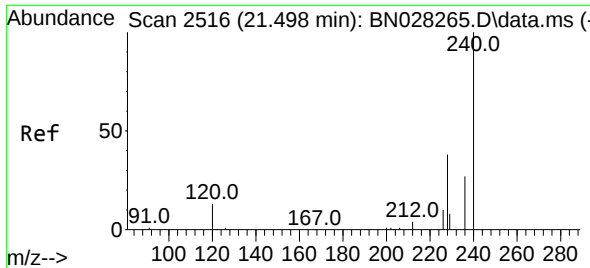
Tgt Ion:212 Resp: 10103
Ion Ratio Lower Upper
212 100
106 14.7 11.5 17.3
104 8.7 6.7 10.1



#28
Fluoranthene
Concen: 0.025 ng
RT: 19.351 min Scan# 2105
Delta R.T. -0.005 min
Lab File: BN028402.D
Acq: 26 Oct 2023 17:15

Tgt Ion:202 Resp: 947
Ion Ratio Lower Upper
202 100
101 16.6 10.1 15.1#
203 18.6 13.9 20.9

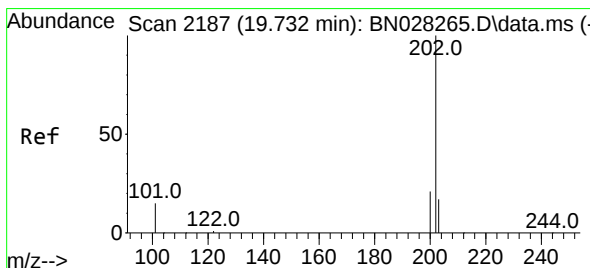
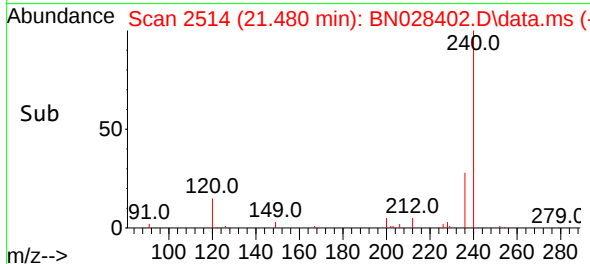
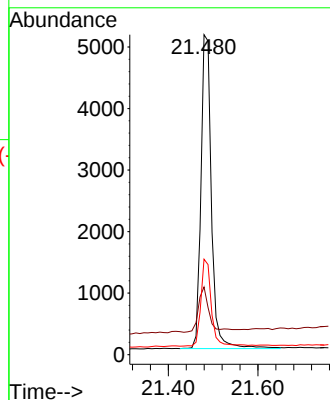
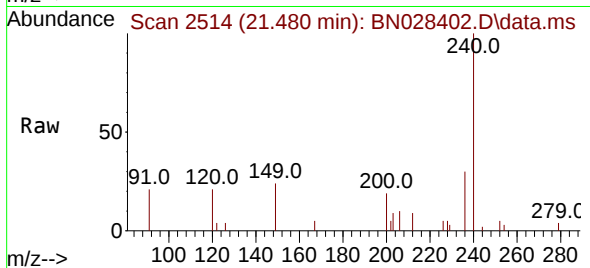




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.480 min Scan# 2114
Delta R.T. -0.009 min
Lab File: BN028402.D
Acq: 26 Oct 2023 17:15

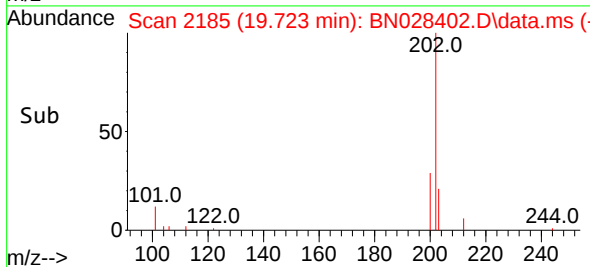
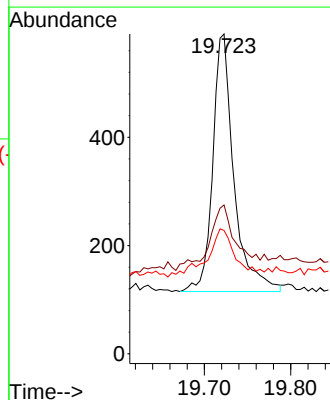
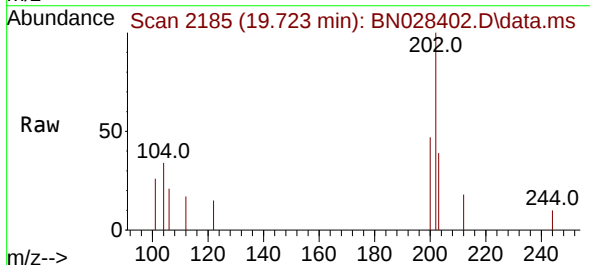
Instrument :
BNA_N
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EB-2

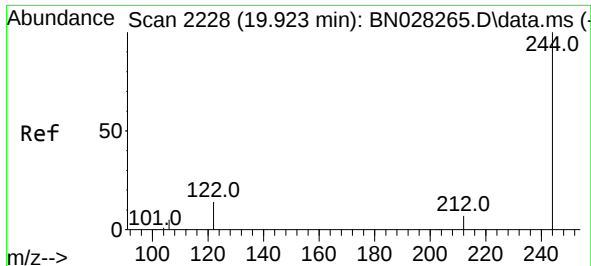
Tgt Ion:240 Resp: 8317
Ion Ratio Lower Upper
240 100
120 21.1 13.4 20.0#
236 29.8 22.7 34.1



#30
Pyrene
Concen: 0.028 ng
RT: 19.723 min Scan# 2185
Delta R.T. -0.005 min
Lab File: BN028402.D
Acq: 26 Oct 2023 17:15

Tgt Ion:202 Resp: 810
Ion Ratio Lower Upper
202 100
200 32.8 16.7 25.1#
203 25.3 14.5 21.7#

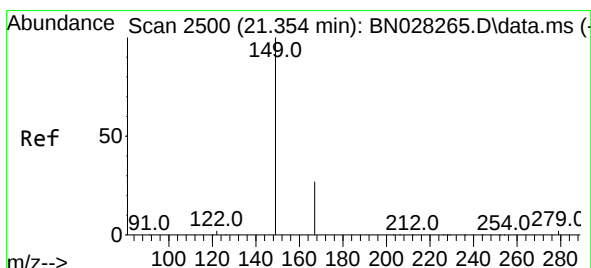
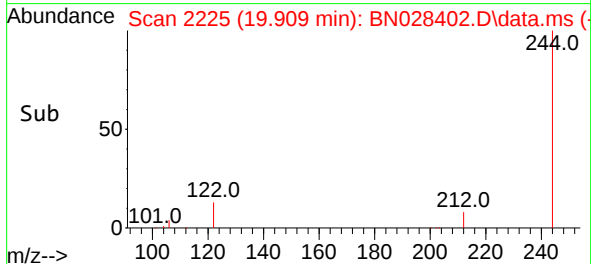
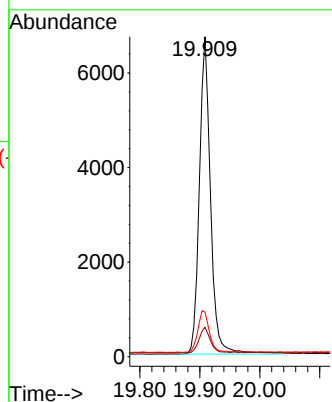
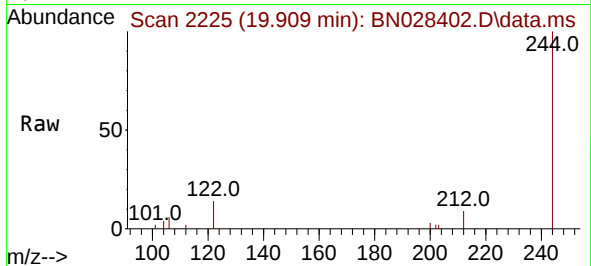




#31
Terphenyl-d14
Concen: 0.491 ng
RT: 19.909 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN028402.D
Acq: 26 Oct 2023 17:15

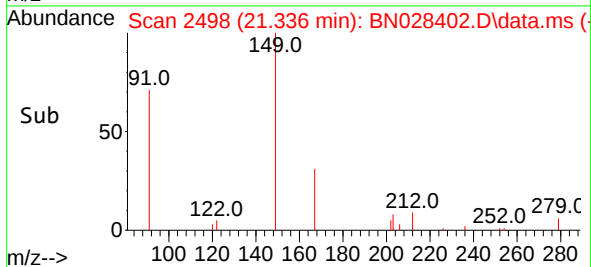
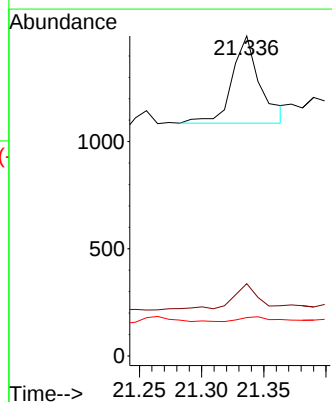
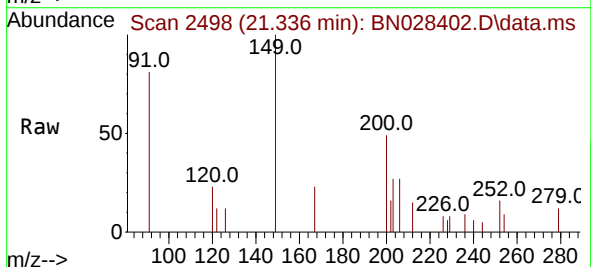
Instrument :
BNA_N
ClientSampleId :
EB-2

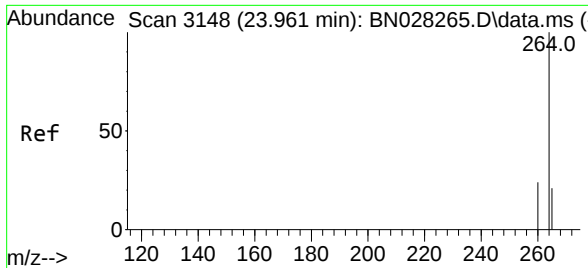
Tgt Ion:244 Resp: 8675
Ion Ratio Lower Upper
244 100
212 9.1 6.6 10.0
122 14.0 11.7 17.5



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.028 ng
RT: 21.336 min Scan# 2498
Delta R.T. -0.009 min
Lab File: BN028402.D
Acq: 26 Oct 2023 17:15

Tgt Ion:149 Resp: 633
Ion Ratio Lower Upper
149 100
167 30.3 22.6 34.0
279 7.0 4.2 6.2#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.931 min Scan# 31
Delta R.T. -0.006 min
Lab File: BN028402.D
Acq: 26 Oct 2023 17:15

Instrument :
BNA_N
ClientSampleId :
EB-2

Tgt Ion:264 Resp: 9187
Ion Ratio Lower Upper
264 100
260 26.7 20.7 31.1
265 72.8 38.3 57.5#

