

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092221\
 Data File : BN016409.D
 Acq On : 22 Sep 2021 12:59
 Operator : CG/JU
 Sample : M3835-03DL 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SW-CB-04-(1.0)DL

Quant Time: Sep 22 13:37:31 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 21 13:21:55 2021
 Response via : Initial Calibration

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

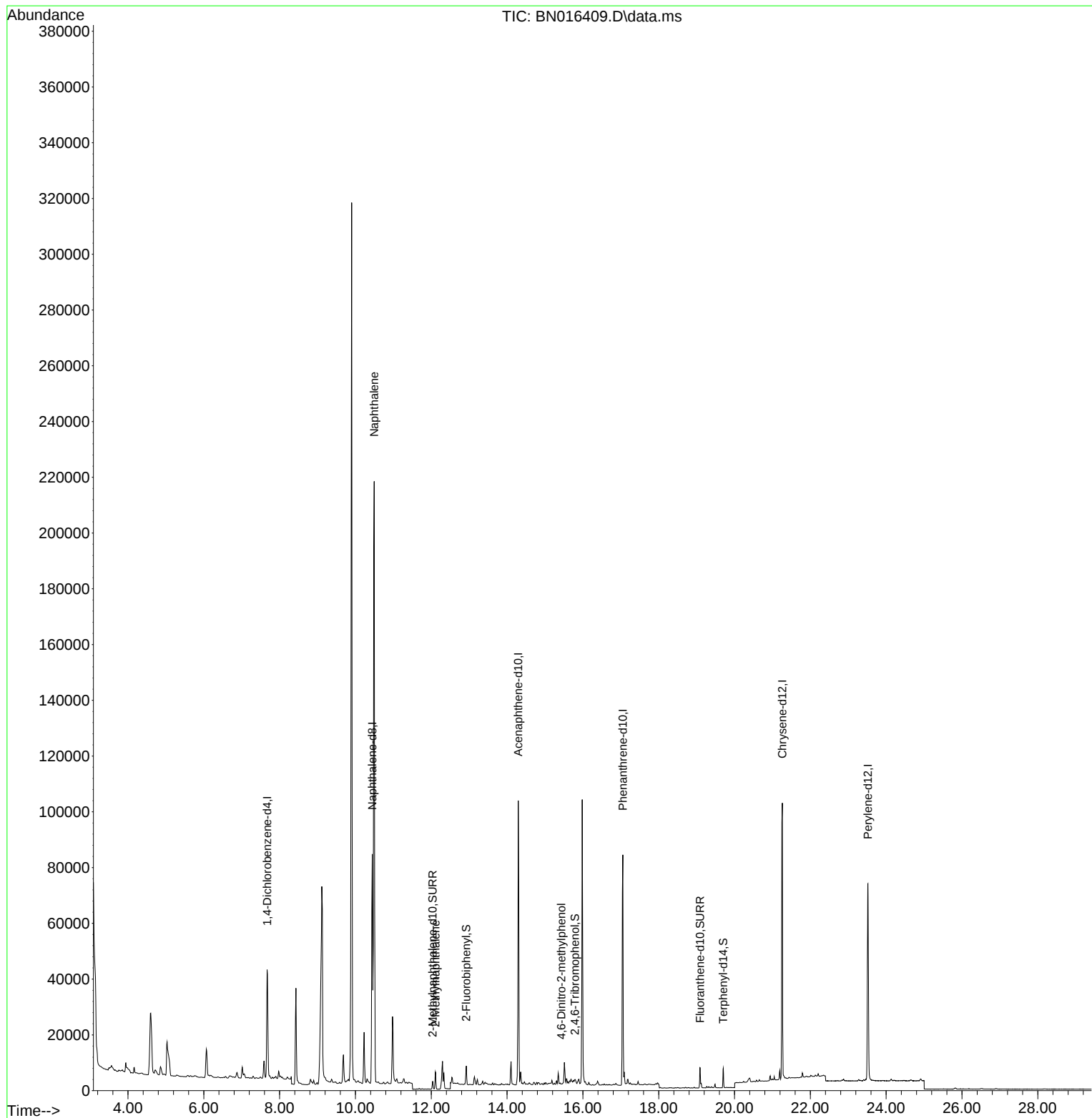
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.670	152	25208	0.400	ng	0.00
7) Naphthalene-d8	10.444	136	110254	0.400	ng	0.00
13) Acenaphthene-d10	14.294	164	60158	0.400	ng	-0.01
19) Phenanthrene-d10	17.054	188	119529	0.400	ng	# 0.00
29) Chrysene-d12	21.259	240	103824	0.400	ng	# 0.00
35) Perylene-d12	23.518	264	94591	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	678	0.011	ng	0.00
5) Phenol-d6	6.849	99	559	0.007	ng	0.00
8) Nitrobenzene-d5	8.898	82	281	0.004	ng	0.09
11) 2-Methylnaphthalene-d10	12.038	152	3786	0.022	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	476	0.027	ng	0.00
15) 2-Fluorobiphenyl	12.924	172	5453	0.023	ng	0.00
27) Fluoranthene-d10	19.092	212	8599	0.025	ng	0.00
31) Terphenyl-d14	19.703	244	6996	0.029	ng	0.00
Target Compounds						
9) Naphthalene	10.495	128	302672	1.019	ng	Qvalue 100
12) 2-Methylnaphthalene	12.109	142	4436	0.023	ng	96
20) 4,6-Dinitro-2-methylph...	15.436	198	26	0.150	ng	# 1

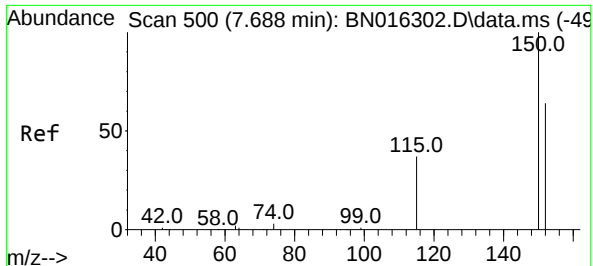
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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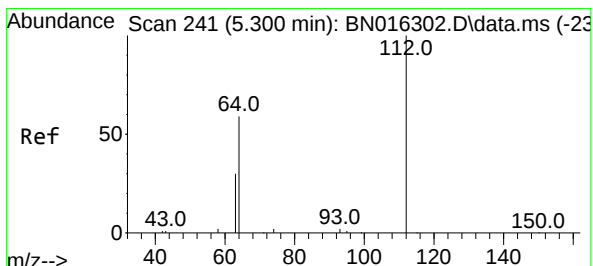
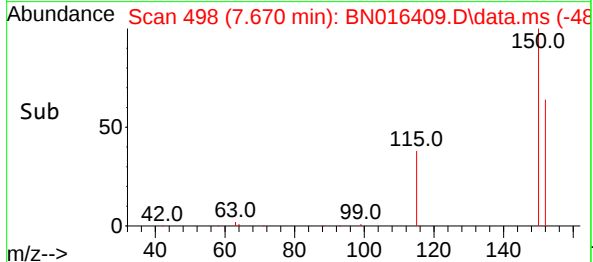
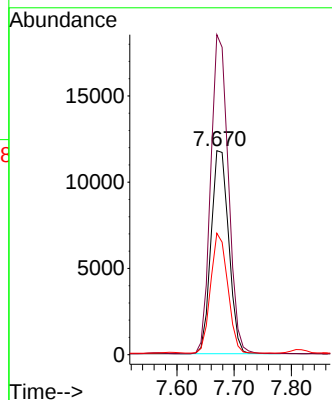
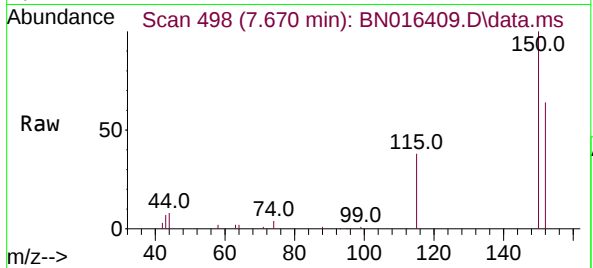




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.670 min Scan# 498
 Delta R.T. -0.000 min
 Lab File: BN016409.D
 Acq: 22 Sep 2021 12:59

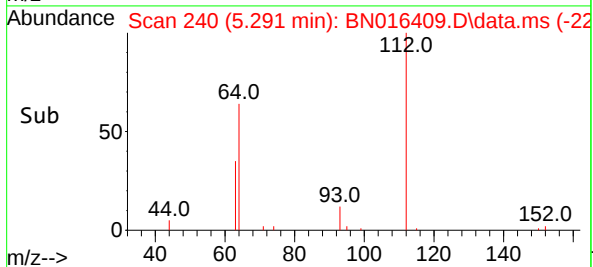
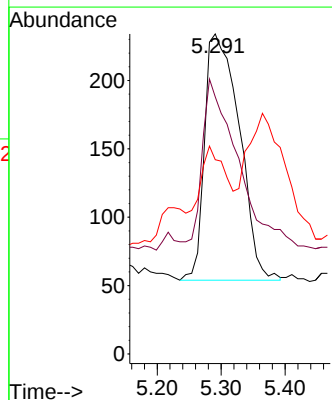
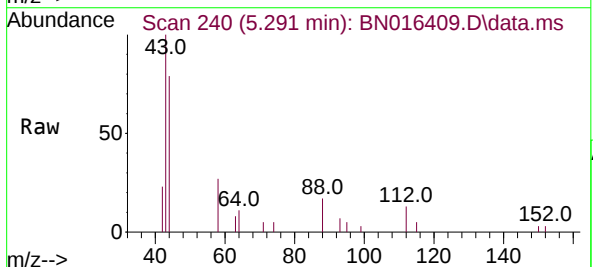
Instrument :
 BNA_N
 ClientSampleId :
 SW-CB-04-(1.0)DL

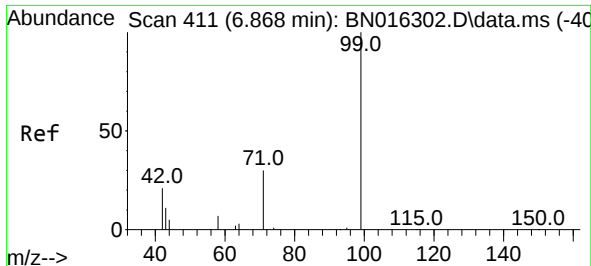
Tgt Ion:152 Resp: 25208
 Ion Ratio Lower Upper
 152 100
 150 156.9 125.6 188.4
 115 59.5 50.2 75.2



#4
 2-Fluorophenol
 Concen: 0.011 ng
 RT: 5.291 min Scan# 240
 Delta R.T. 0.009 min
 Lab File: BN016409.D
 Acq: 22 Sep 2021 12:59

Tgt Ion:112 Resp: 678
 Ion Ratio Lower Upper
 112 100
 64 63.4 47.3 70.9
 63 17.8 23.4 35.0#

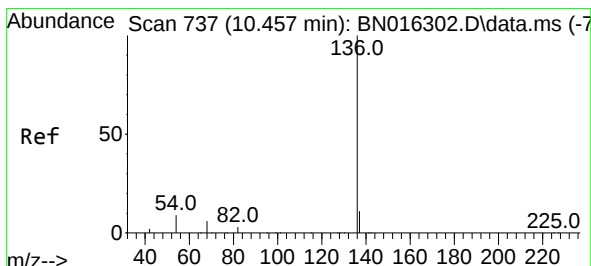
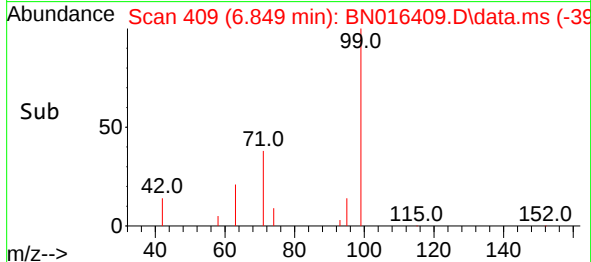
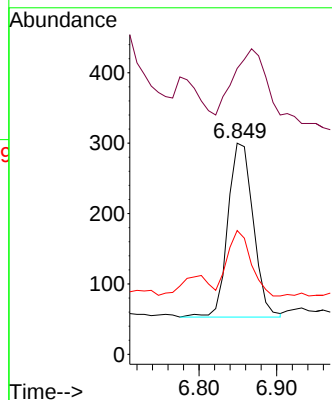
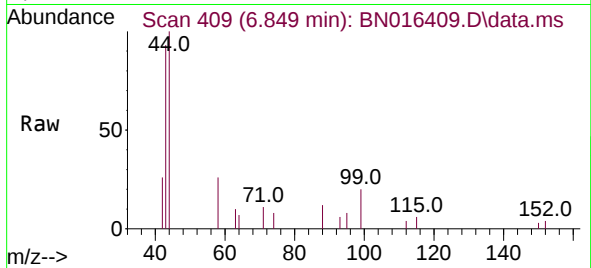




#5
Phenol-d6
Concen: 0.007 ng
RT: 6.849 min Scan# 409
Delta R.T. 0.000 min
Lab File: BN016409.D
Acq: 22 Sep 2021 12:59

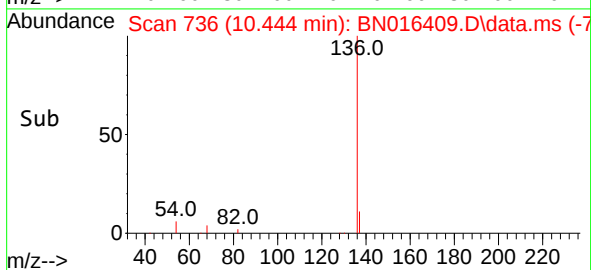
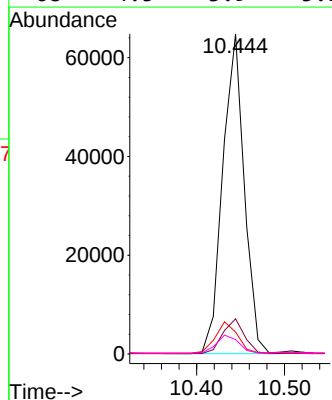
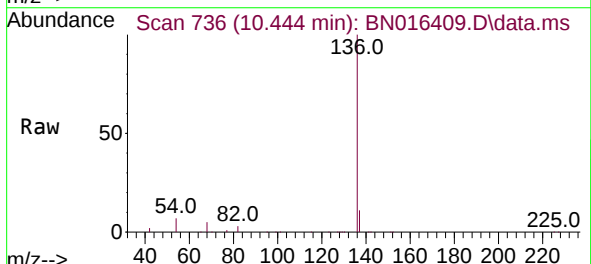
Instrument :
BNA_N
ClientSampleId :
SW-CB-04-(1.0)DL

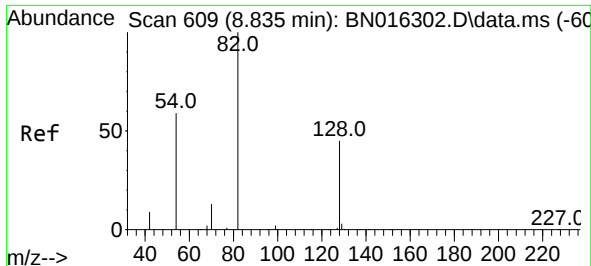
Tgt Ion: 99 Resp: 559
Ion Ratio Lower Upper
99 100
42 45.8 14.0 21.0#
71 34.9 23.8 35.6



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.444 min Scan# 736
Delta R.T. 0.000 min
Lab File: BN016409.D
Acq: 22 Sep 2021 12:59

Tgt Ion: 136 Resp: 110254
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.9 5.3 7.9
68 4.5 3.9 5.9

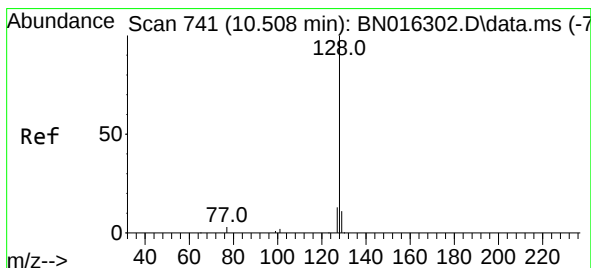
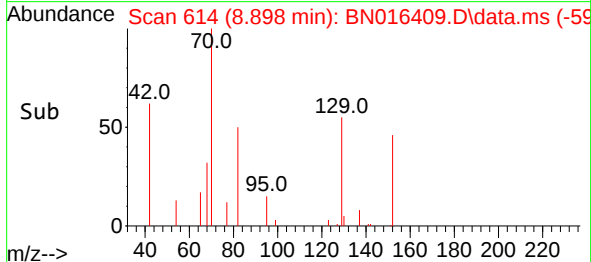
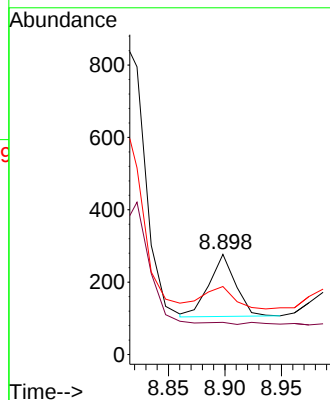
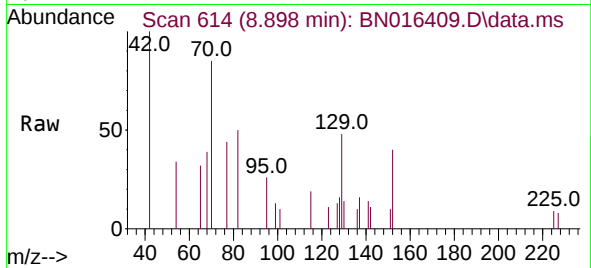




#8
Nitrobenzene-d5
Concen: 0.004 ng
RT: 8.898 min Scan# 614
Delta R.T. 0.089 min
Lab File: BN016409.D
Acq: 22 Sep 2021 12:59

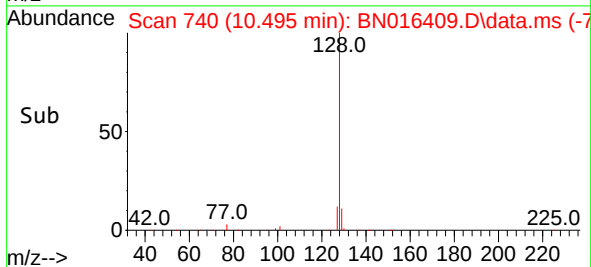
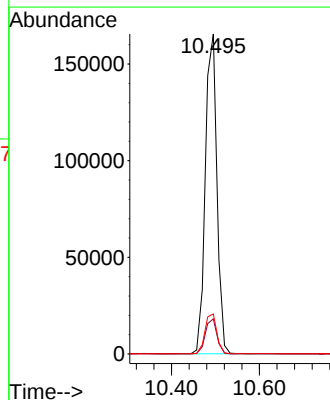
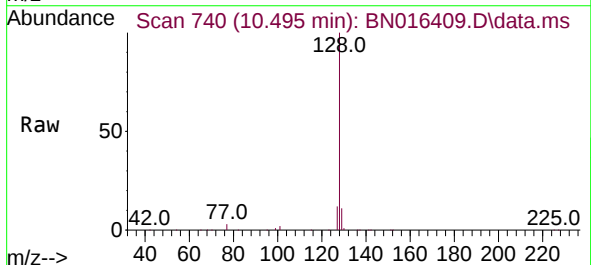
Instrument :
BNA_N
ClientSampleId :
SW-CB-04-(1.0)DL

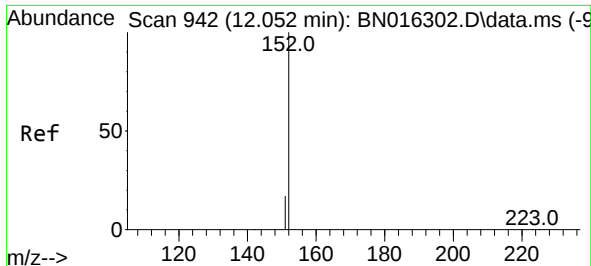
Tgt Ion: 82	Resp:	281
Ion Ratio	Lower	Upper
82	100	
128	32.1	31.7 47.5
54	67.9	46.4 69.6



#9
Naphthalene
Concen: 1.019 ng
RT: 10.495 min Scan# 740
Delta R.T. 0.000 min
Lab File: BN016409.D
Acq: 22 Sep 2021 12:59

Tgt Ion: 128	Resp:	302672
Ion Ratio	Lower	Upper
128	100	
129	11.0	8.9 13.3
127	12.5	10.1 15.1

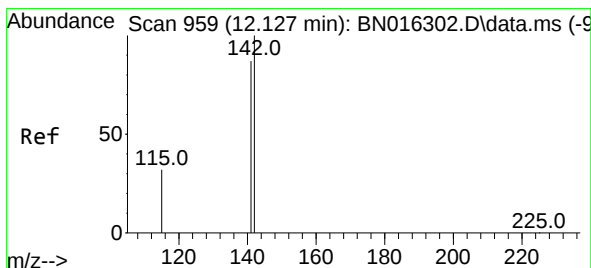
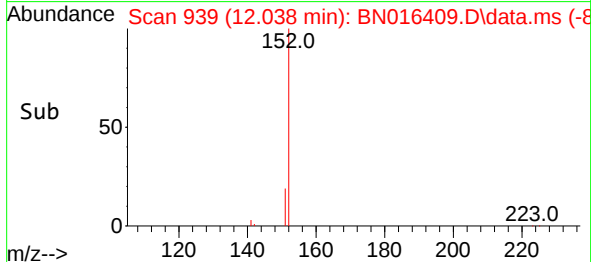
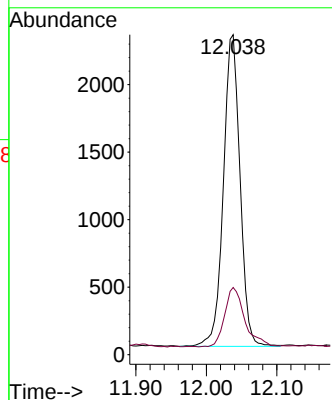
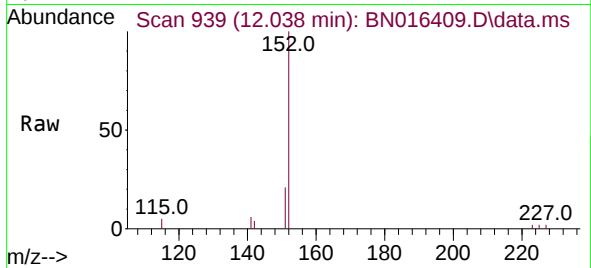




#11
2-Methylnaphthalene-d10
Concen: 0.022 ng
RT: 12.038 min Scan# 939
Delta R.T. 0.000 min
Lab File: BN016409.D
Acq: 22 Sep 2021 12:59

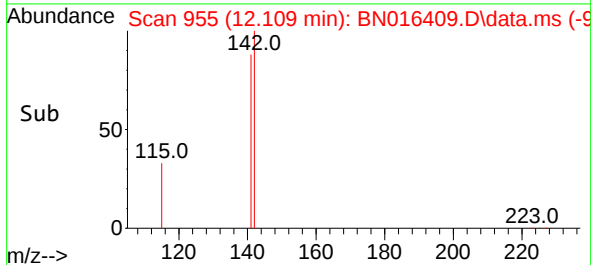
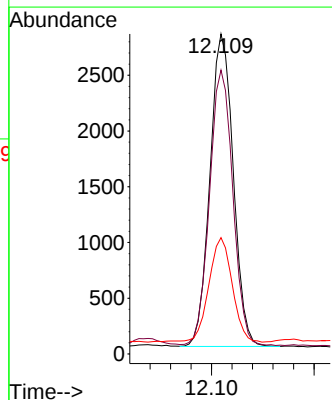
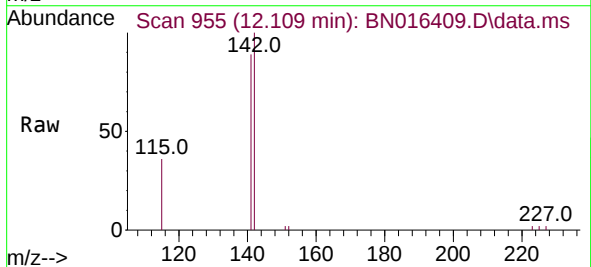
Instrument :
BNA_N
ClientSampleId :
SW-CB-04-(1.0)DL

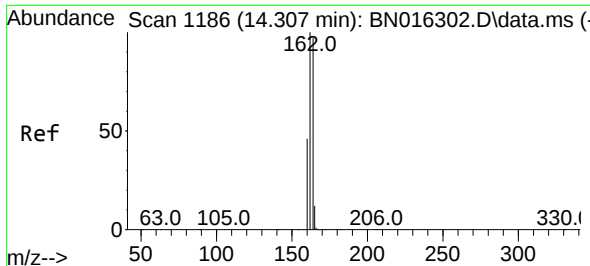
Tgt Ion:152 Resp: 3786
Ion Ratio Lower Upper
152 100
151 23.2 16.1 24.1



#12
2-Methylnaphthalene
Concen: 0.023 ng
RT: 12.109 min Scan# 955
Delta R.T. -0.004 min
Lab File: BN016409.D
Acq: 22 Sep 2021 12:59

Tgt Ion:142 Resp: 4436
Ion Ratio Lower Upper
142 100
141 88.7 69.8 104.8
115 36.4 24.4 36.6

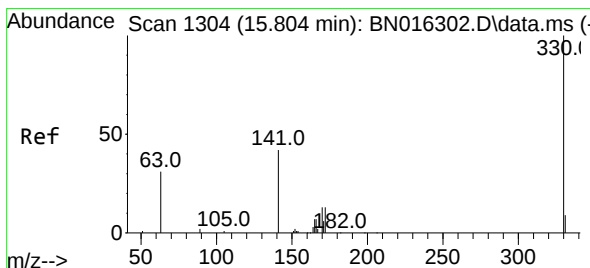
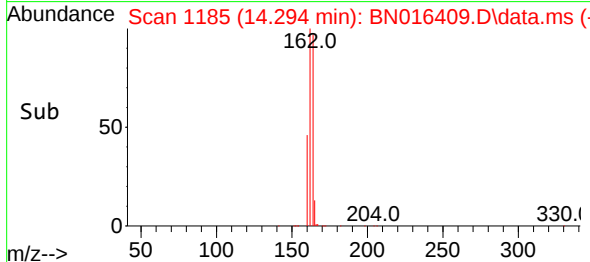
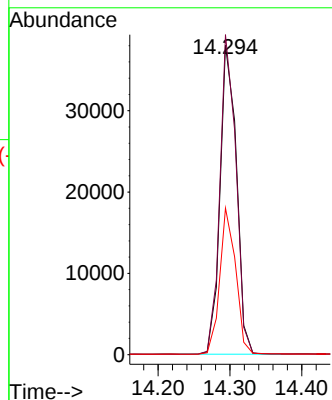
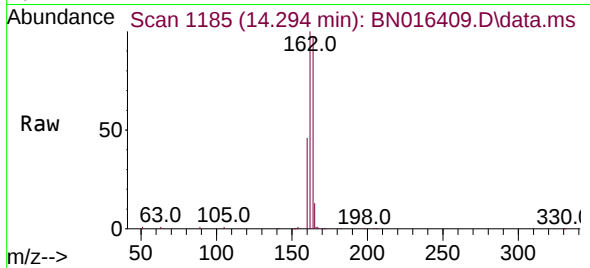




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. -0.013 min
Lab File: BN016409.D
Acq: 22 Sep 2021 12:59

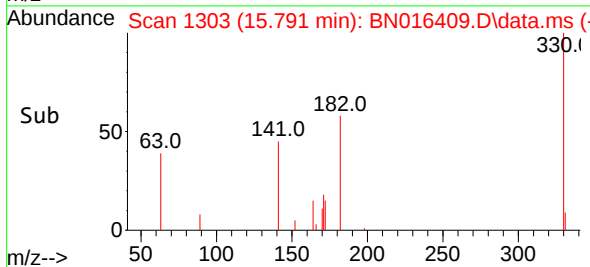
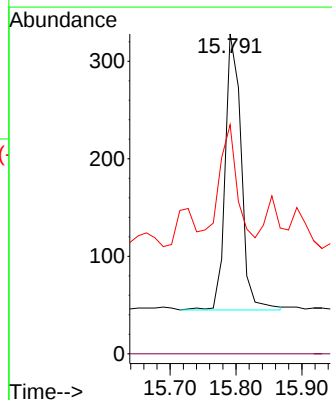
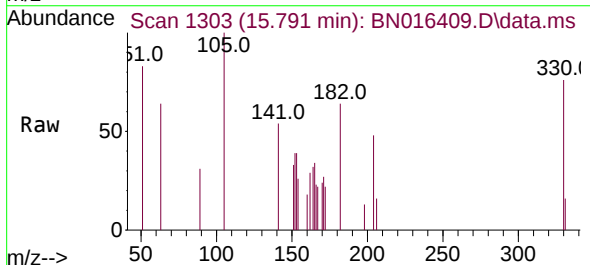
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BNA_N
ClientSampleId :
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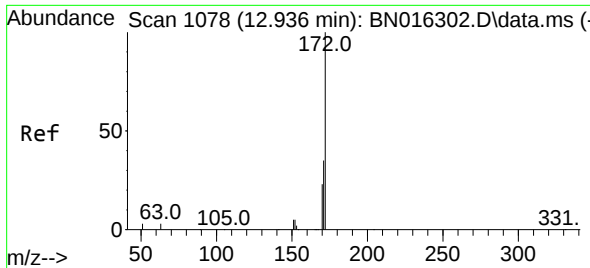
Tgt Ion:164 Resp: 60158
Ion Ratio Lower Upper
164 100
162 103.4 79.0 118.4
160 47.4 34.1 51.1



#14
2,4,6-Tribromophenol
Concen: 0.027 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016409.D
Acq: 22 Sep 2021 12:59

Tgt Ion:330 Resp: 476
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 45.0 25.0 37.4#

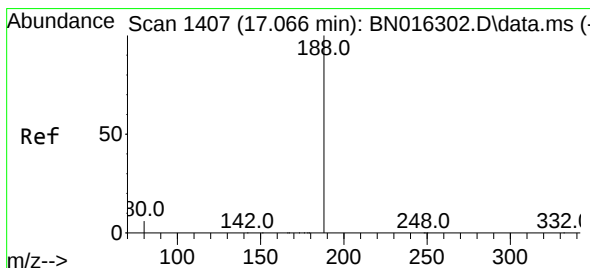
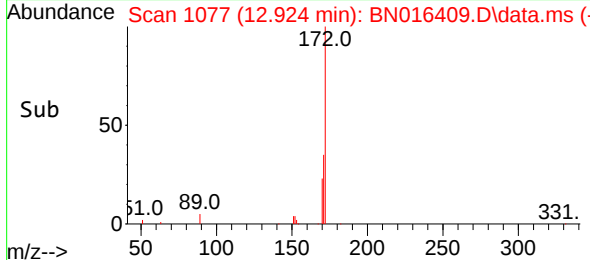
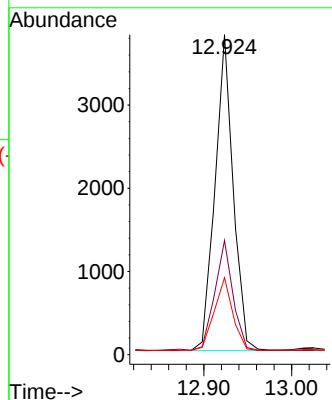
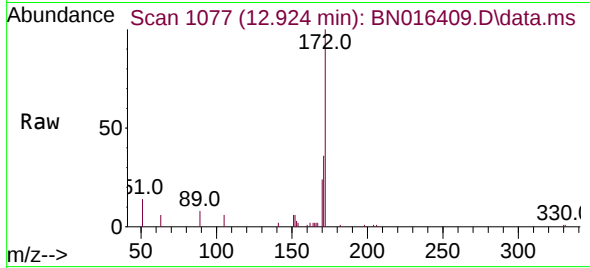




#15
2-Fluorobiphenyl
Concen: 0.023 ng
RT: 12.924 min Scan# 1077
Delta R.T. 0.000 min
Lab File: BN016409.D
Acq: 22 Sep 2021 12:59

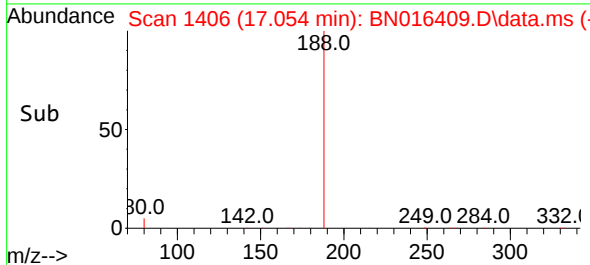
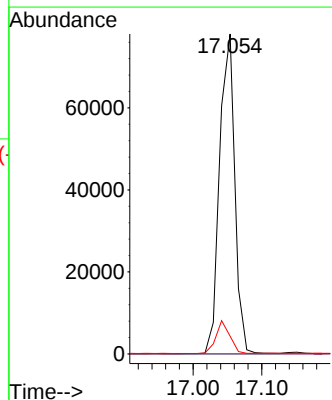
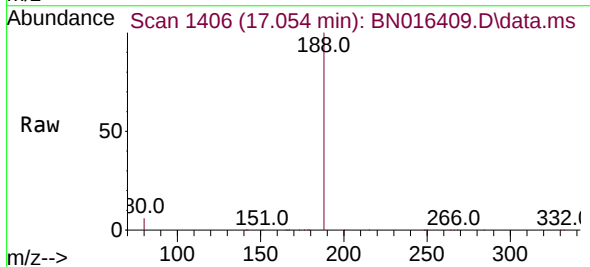
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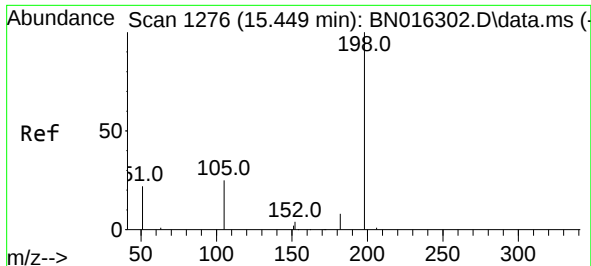
Tgt Ion:	172	Resp:	5453
Ion Ratio	Lower	Upper	
172	100		
171	35.7	27.8	41.6
170	24.1	18.2	27.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.054 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BN016409.D
Acq: 22 Sep 2021 12:59

Tgt Ion:	188	Resp:	119529
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	5.6	7.0	10.6

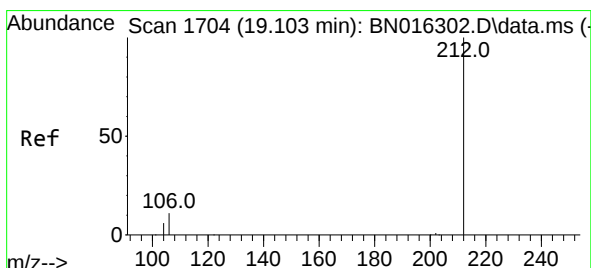
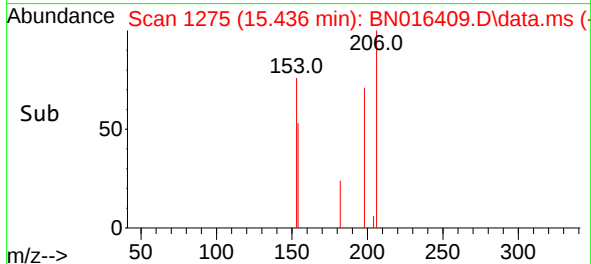
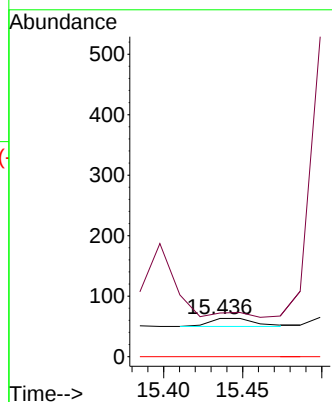
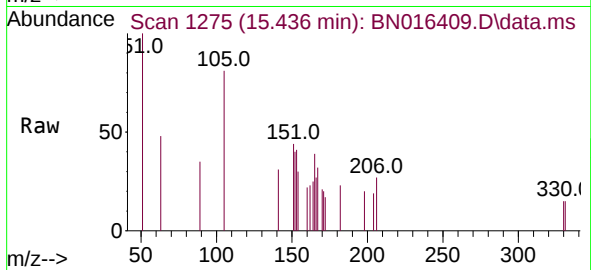




#20
4,6-Dinitro-2-methylphenol
Concen: 0.150 ng
RT: 15.436 min Scan# 1275
Delta R.T. 0.000 min
Lab File: BN016409.D
Acq: 22 Sep 2021 12:59

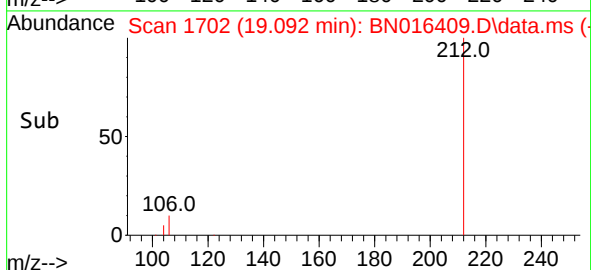
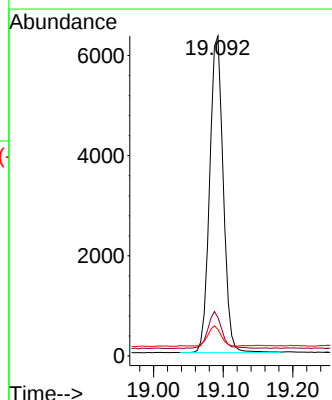
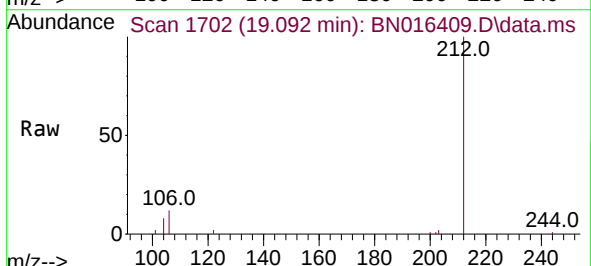
Instrument :
BNA_N
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SW-CB-04-(1.0)DL

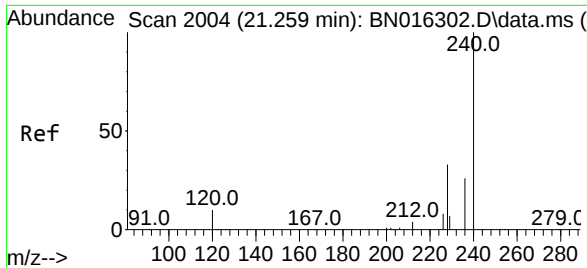
Tgt Ion:198 Resp: 26
Ion Ratio Lower Upper
198 100
182 114.3 26.6 39.8#
77 0.0 0.0 0.0



#27
Fluoranthene-d10
Concen: 0.025 ng
RT: 19.092 min Scan# 1702
Delta R.T. 0.000 min
Lab File: BN016409.D
Acq: 22 Sep 2021 12:59

Tgt Ion:212 Resp: 8599
Ion Ratio Lower Upper
212 100
106 12.0 9.8 14.6
104 6.3 5.4 8.2

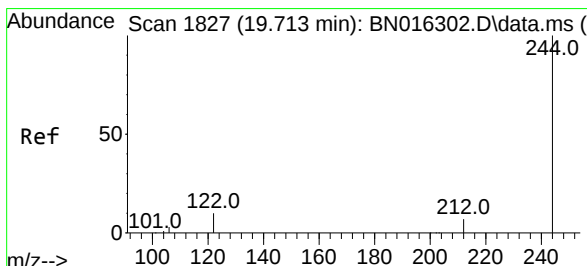
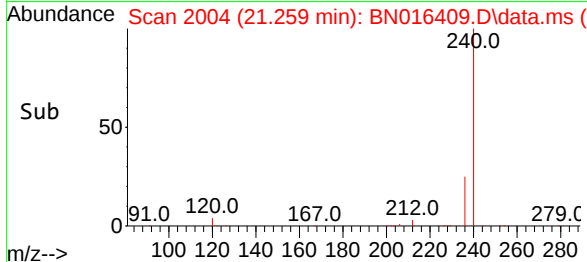
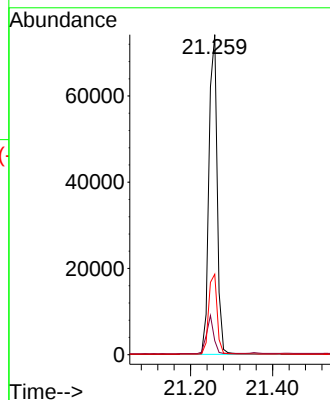
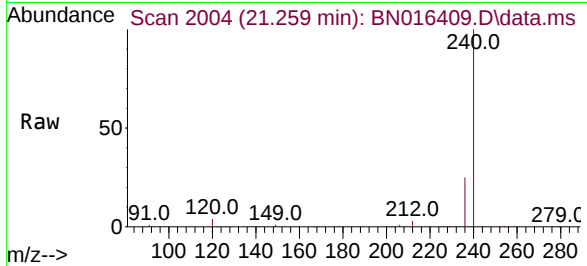




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.259 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BN016409.D
Acq: 22 Sep 2021 12:59

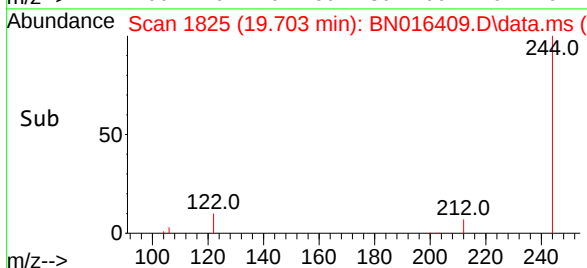
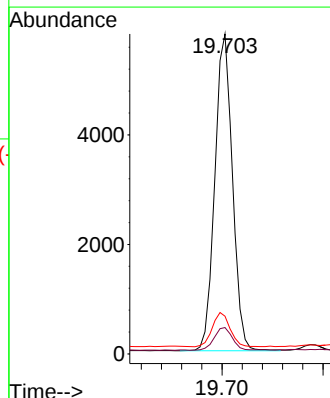
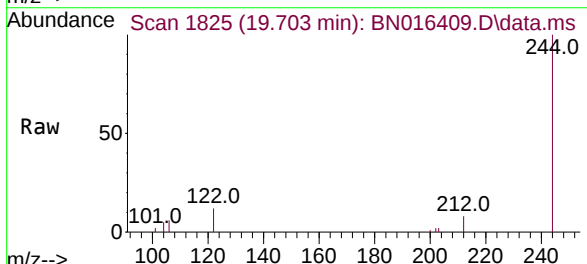
Instrument :
BNA_N
ClientSampleId :
SW-CB-04-(1.0)DL

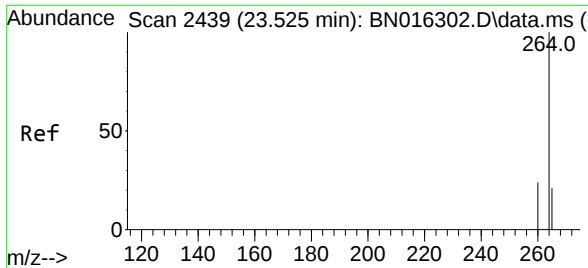
Tgt Ion:240 Resp: 103824
Ion Ratio Lower Upper
240 100
120 4.4 5.3 7.9#
236 25.2 19.8 29.8



#31
Terphenyl-d14
Concen: 0.029 ng
RT: 19.703 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BN016409.D
Acq: 22 Sep 2021 12:59

Tgt Ion:244 Resp: 6996
Ion Ratio Lower Upper
244 100
212 8.2 5.5 8.3
122 11.8 9.0 13.4





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.518 min Scan# 2437
 Delta R.T. -0.003 min
 Lab File: BN016409.D
 Acq: 22 Sep 2021 12:59

Instrument :
 BNA_N
 ClientSampleId :
 SW-CB-04-(1.0)DL

Tgt Ion:264	Resp:	94591
Ion Ratio	Lower	Upper
264	100	
260	24.6	18.9 28.3
265	25.5	23.7 35.5

