

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092521\
 Data File : BN016490.D
 Acq On : 26 Sep 2021 01:25
 Operator : CG/JU
 Sample : M3908-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 26 04:16:55 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN092421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 24 03:35:41 2021
 Response via : Initial Calibration

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

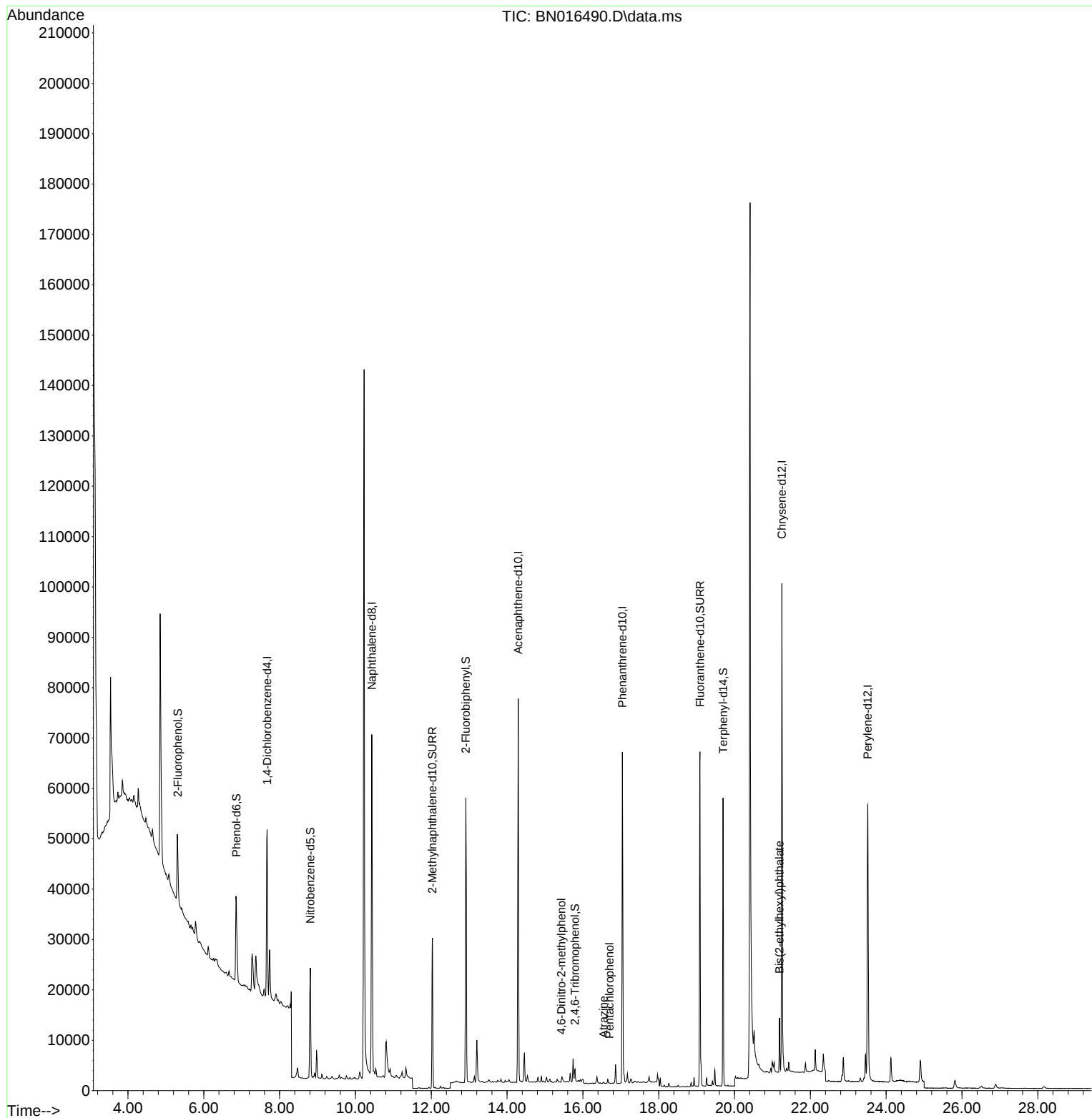
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.670	152	19933	0.400	ng	0.00
7) Naphthalene-d8	10.432	136	85538	0.400	ng	#-0.01
13) Acenaphthene-d10	14.294	164	41710	0.400	ng	0.00
19) Phenanthrene-d10	17.042	188	84906	0.400	ng	0.00
29) Chrysene-d12	21.249	240	87828	0.400	ng	# 0.00
35) Perylene-d12	23.515	264	75490	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.309	112	14152	0.316	ng	0.03
5) Phenol-d6	6.859	99	15535	0.294	ng	0.00
8) Nitrobenzene-d5	8.810	82	17161	0.283	ng	0.00
11) 2-Methylnaphthalene-d10	12.029	152	39004	0.308	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	1901	0.246	ng	0.00
15) 2-Fluorobiphenyl	12.911	172	49528	0.283	ng	-0.01
27) Fluoranthene-d10	19.088	212	77370	0.332	ng	0.00
31) Terphenyl-d14	19.698	244	57030	0.279	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.436	198	13	0.149	ng	# 1
23) Atrazine	16.543	200	28	0.136	ng	# 1
24) Pentachlorophenol	16.701	266	53	0.246	ng	90
34) Bis(2-ethylhexyl)phtha...	21.185	149	9519	0.137	ng	95

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

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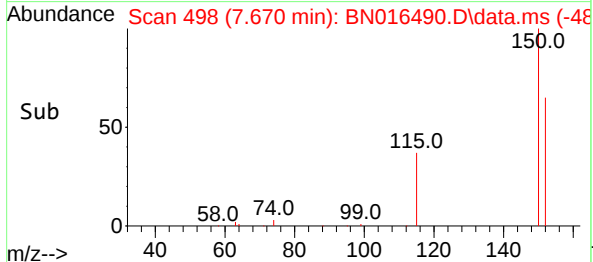
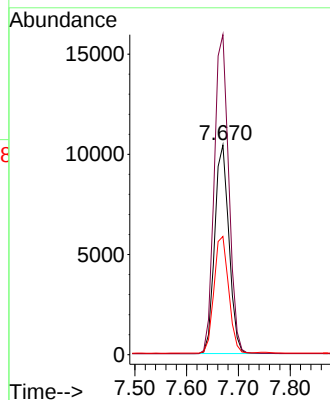
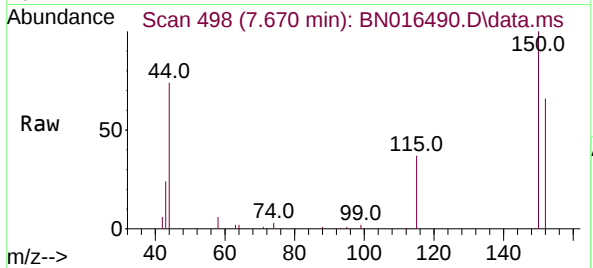




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.670 min Scan# 498
Delta R.T. -0.000 min
Lab File: BN016490.D
Acq: 26 Sep 2021 01:25

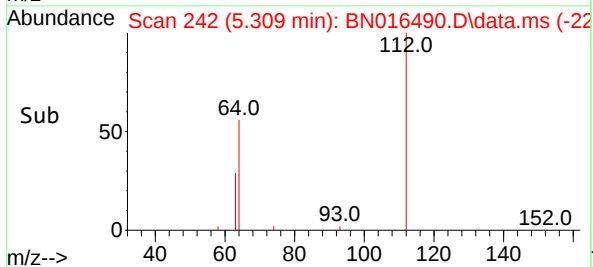
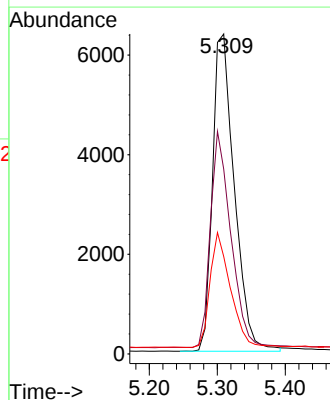
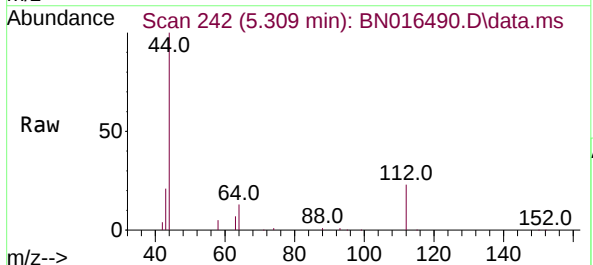
Instrument :
BNA_N
ClientSampled :

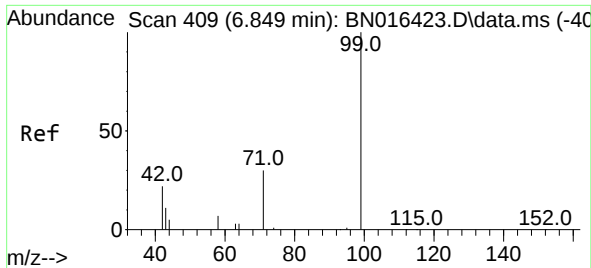
Tgt Ion:152 Resp: 19933
Ion Ratio Lower Upper
152 100
150 152.7 125.6 188.4
115 56.4 50.2 75.2



#4
2-Fluorophenol
Concen: 0.316 ng
RT: 5.309 min Scan# 242
Delta R.T. 0.028 min
Lab File: BN016490.D
Acq: 26 Sep 2021 01:25

Tgt Ion:112 Resp: 14152
Ion Ratio Lower Upper
112 100
64 64.2 47.3 70.9
63 34.1 23.4 35.0

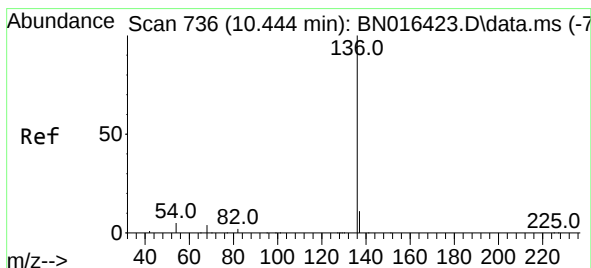
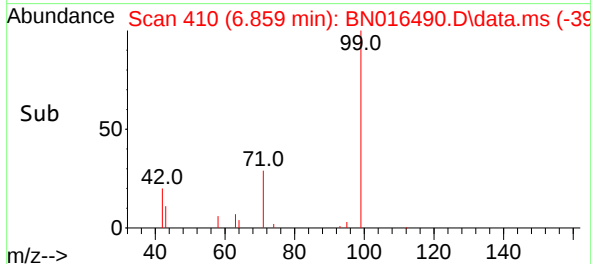
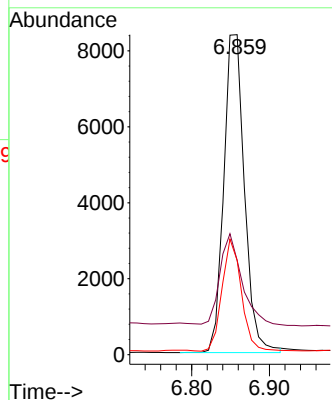
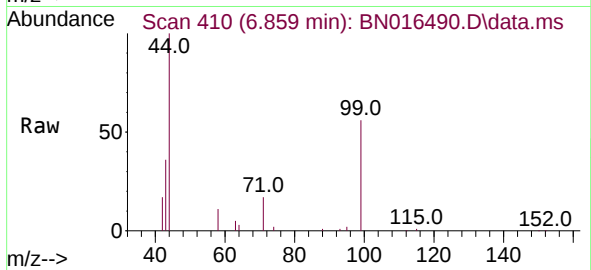




#5
Phenol-d6
Concen: 0.294 ng
RT: 6.859 min Scan# 410
Delta R.T. 0.009 min
Lab File: BN016490.D
Acq: 26 Sep 2021 01:25

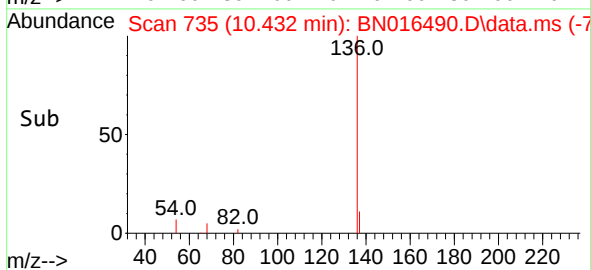
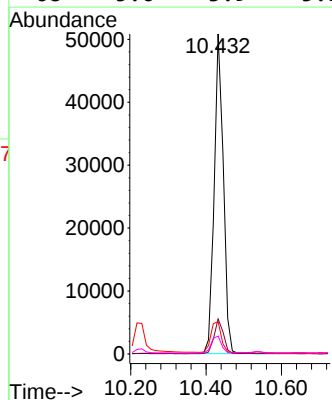
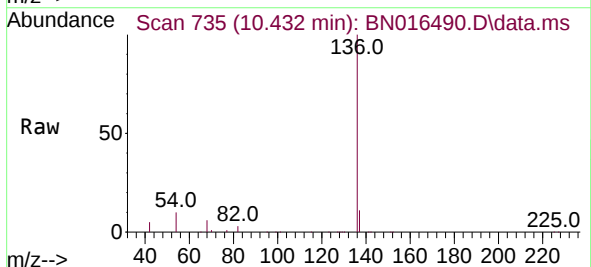
Instrument :
BNA_N
ClientSampled :

Tgt Ion: 99 Resp: 15535
Ion Ratio Lower Upper
99 100
42 29.9 14.0 21.0#
71 32.8 23.8 35.6



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.432 min Scan# 735
Delta R.T. -0.013 min
Lab File: BN016490.D
Acq: 26 Sep 2021 01:25

Tgt Ion: 136 Resp: 85538
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 10.1 5.3 7.9#
68 5.6 3.9 5.9

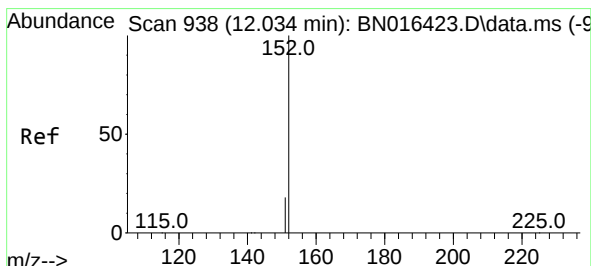
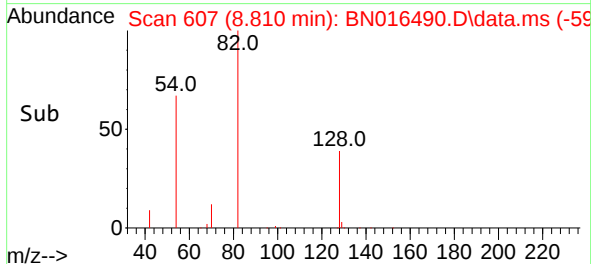
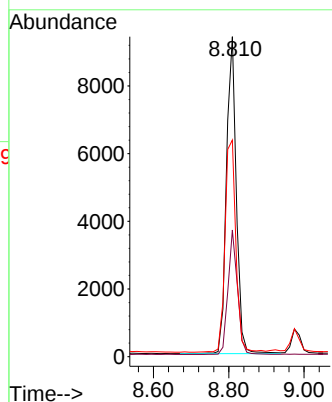
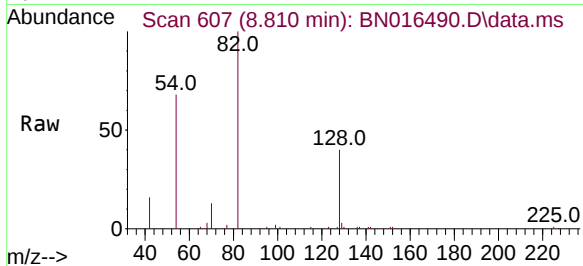




#8
Nitrobenzene-d5
Concen: 0.283 ng
RT: 8.810 min Scan# 607
Delta R.T. 0.000 min
Lab File: BN016490.D
Acq: 26 Sep 2021 01:25

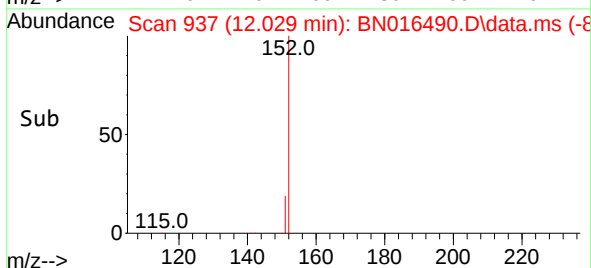
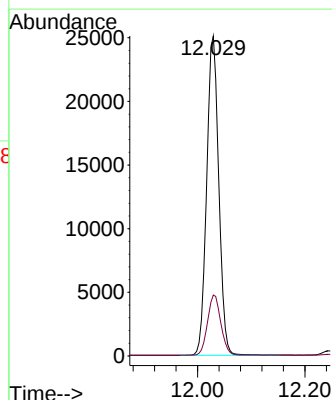
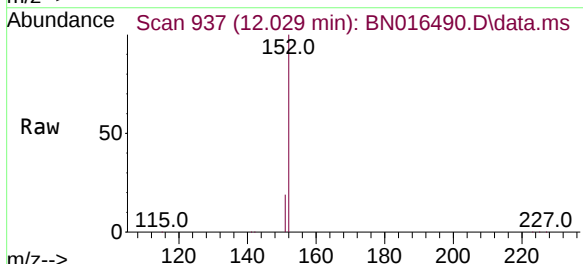
Instrument :
BNA_N
ClientSampleId :

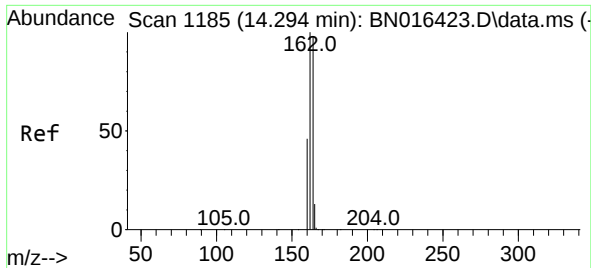
Tgt Ion: 82 Resp: 17161
Ion Ratio Lower Upper
82 100
128 39.6 31.7 47.5
54 67.7 46.4 69.6



#11
2-Methylnaphthalene-d10
Concen: 0.308 ng
RT: 12.029 min Scan# 937
Delta R.T. -0.004 min
Lab File: BN016490.D
Acq: 26 Sep 2021 01:25

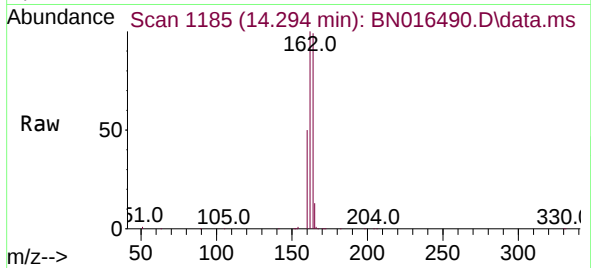
Tgt Ion: 152 Resp: 39004
Ion Ratio Lower Upper
152 100
151 20.8 16.1 24.1



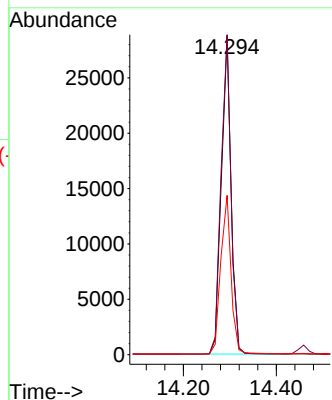
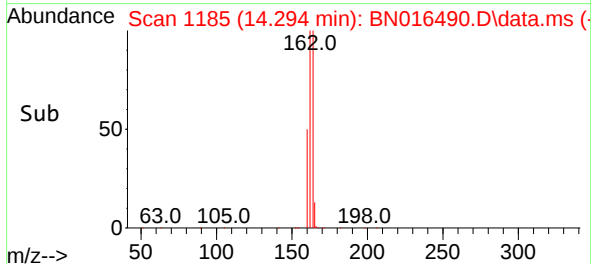


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BN016490.D
Acq: 26 Sep 2021 01:25

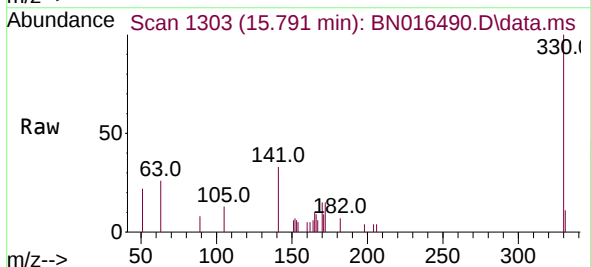
Instrument :
BNA_N
ClientSampled :



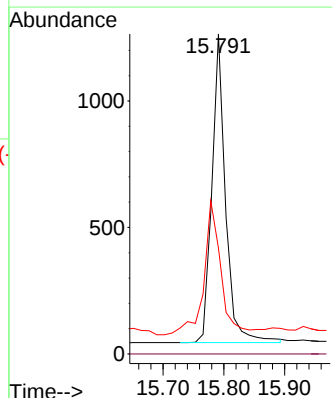
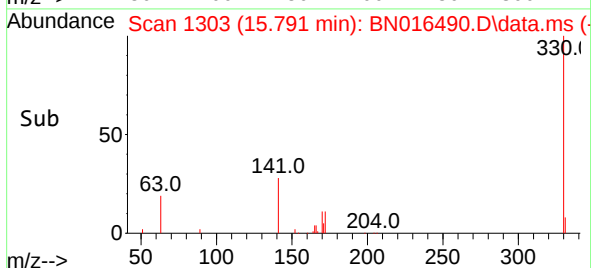
Tgt Ion:164 Resp: 41710
Ion Ratio Lower Upper
164 100
162 100.5 79.0 118.4
160 50.1 34.1 51.1

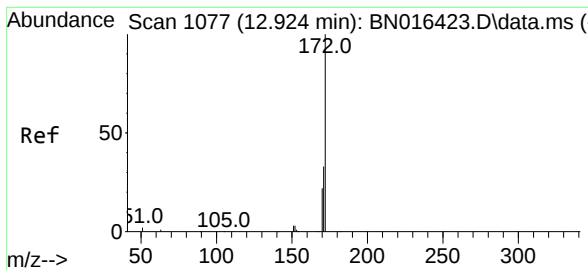


#14
2,4,6-Tribromophenol
Concen: 0.246 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016490.D
Acq: 26 Sep 2021 01:25



Tgt Ion:330 Resp: 1901
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 50.6 25.0 37.4#

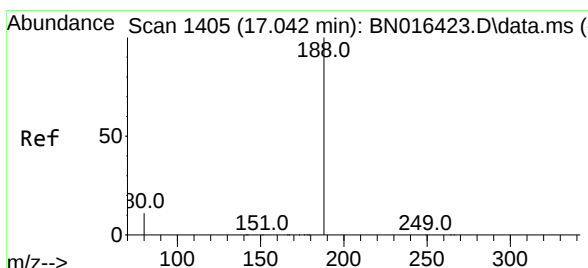
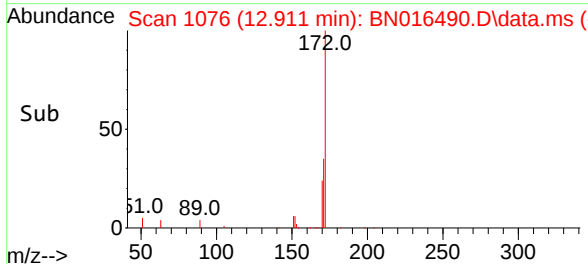
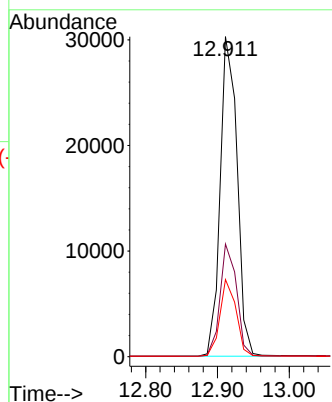
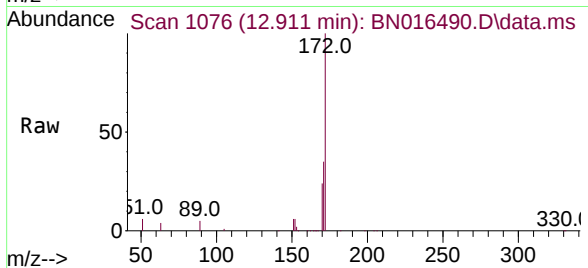




#15
2-Fluorobiphenyl
Concen: 0.283 ng
RT: 12.911 min Scan# 1076
Delta R.T. -0.013 min
Lab File: BN016490.D
Acq: 26 Sep 2021 01:25

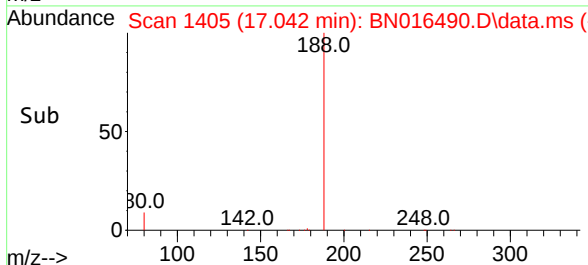
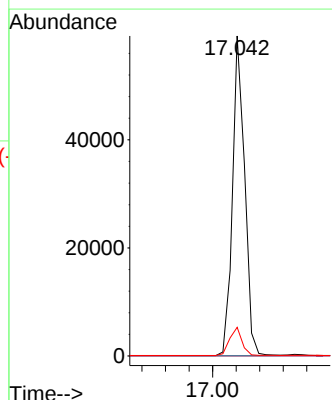
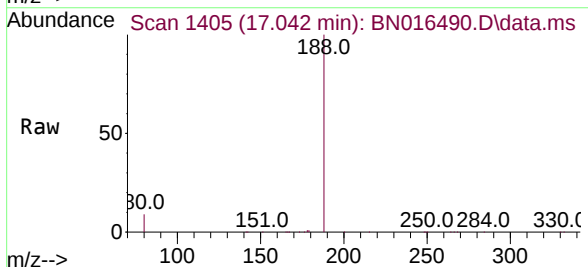
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BNA_N
ClientSampled :

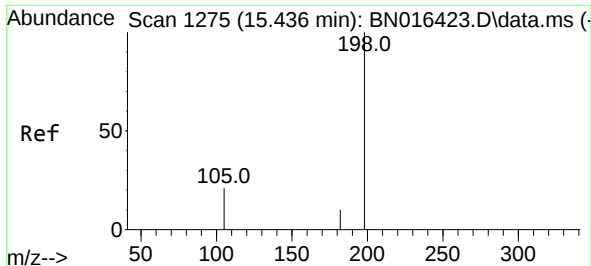
Tgt Ion:	172	Resp:	49528
Ion Ratio	Lower	Upper	
172	100		
171	35.2	27.8	41.6
170	24.1	18.2	27.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.042 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BN016490.D
Acq: 26 Sep 2021 01:25

Tgt Ion:	188	Resp:	84906
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	9.0	7.0	10.6

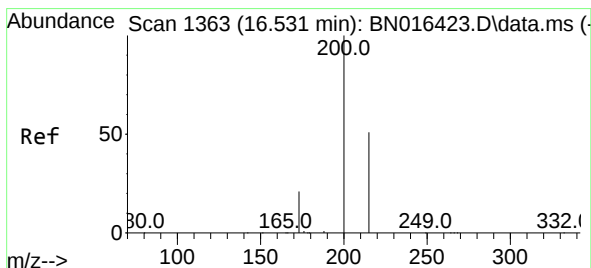
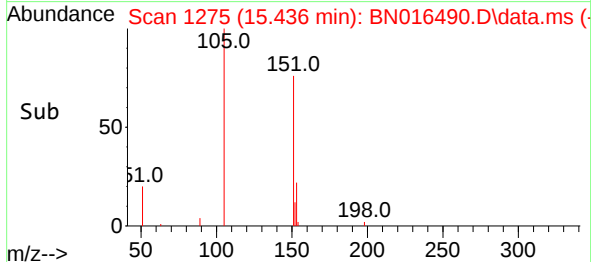
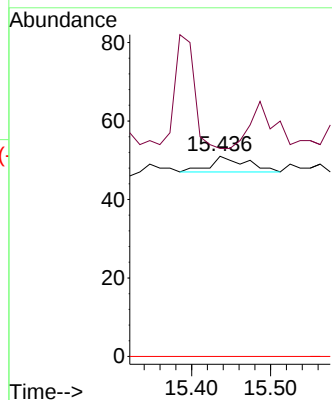
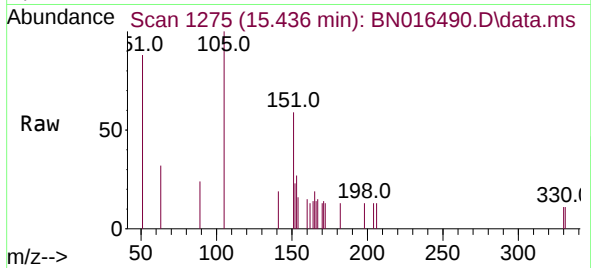




#20
4,6-Dinitro-2-methylphenol
Concen: 0.149 ng
RT: 15.436 min Scan# 1275
Delta R.T. -0.000 min
Lab File: BN016490.D
Acq: 26 Sep 2021 01:25

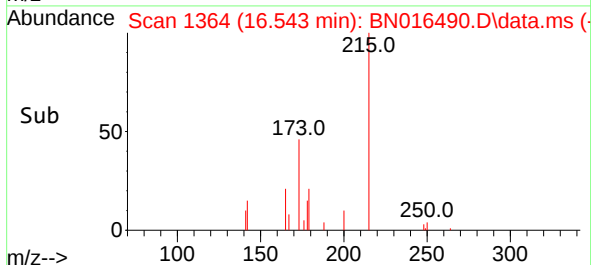
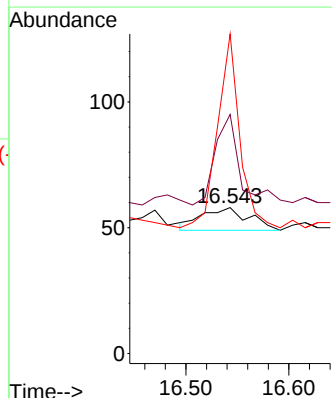
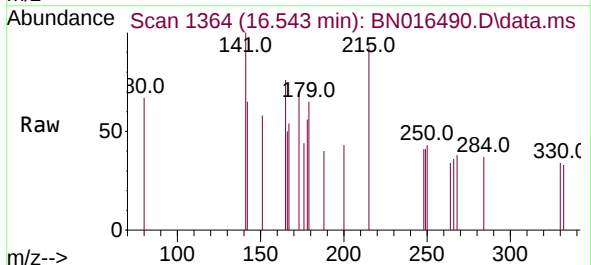
Instrument :
BNA_N
ClientSampled :

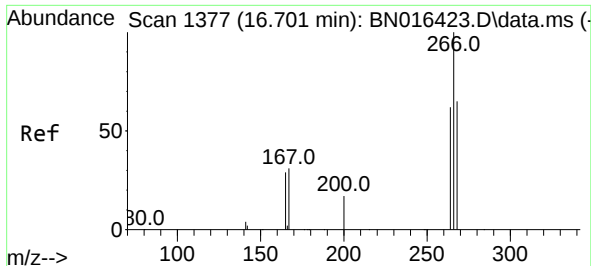
Tgt Ion:198 Resp: 13
Ion Ratio Lower Upper
198 100
182 103.9 26.6 39.8#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.136 ng
RT: 16.543 min Scan# 1364
Delta R.T. 0.012 min
Lab File: BN016490.D
Acq: 26 Sep 2021 01:25

Tgt Ion:200 Resp: 28
Ion Ratio Lower Upper
200 100
173 163.8 18.7 28.1#
215 219.0 41.6 62.4#

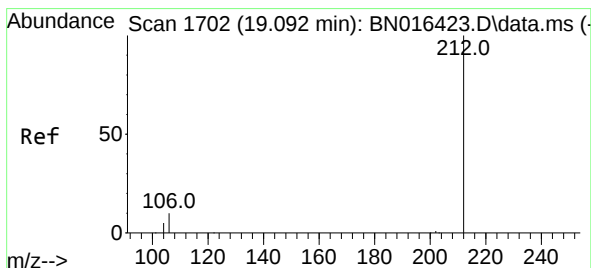
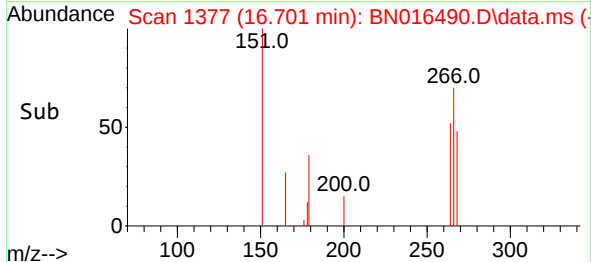
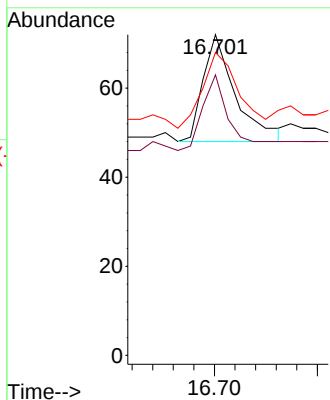
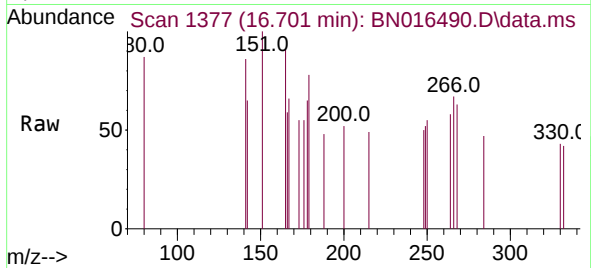




#24
Pentachlorophenol
Concen: 0.246 ng
RT: 16.701 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BN016490.D
Acq: 26 Sep 2021 01:25

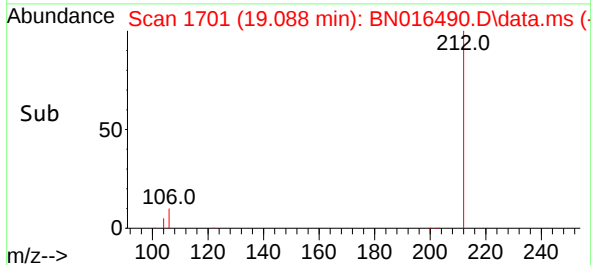
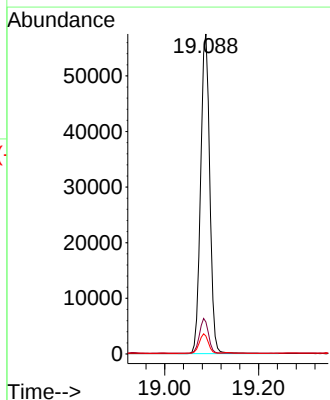
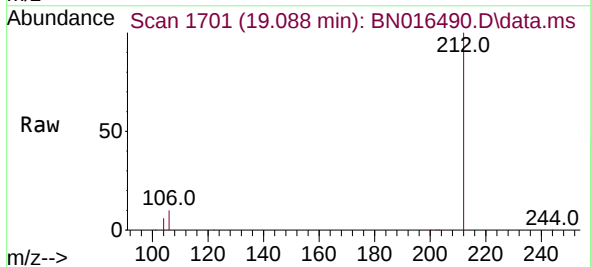
Instrument :
BNA_N
ClientSampleId :

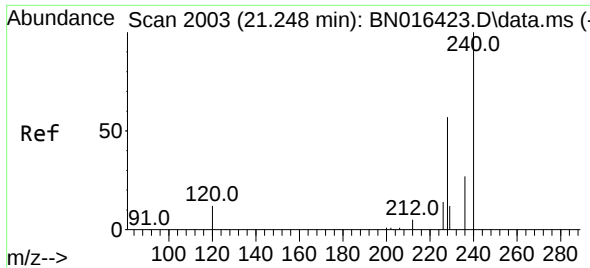
Tgt Ion:	266	Resp:	53
Ion Ratio	Lower	Upper	
266	100		
264	58.5	50.6	75.8
268	77.4	52.6	79.0



#27
Fluoranthene-d10
Concen: 0.332 ng
RT: 19.088 min Scan# 1701
Delta R.T. -0.005 min
Lab File: BN016490.D
Acq: 26 Sep 2021 01:25

Tgt Ion:	212	Resp:	77370
Ion Ratio	Lower	Upper	
212	100		
106	10.7	9.8	14.6
104	6.0	5.4	8.2

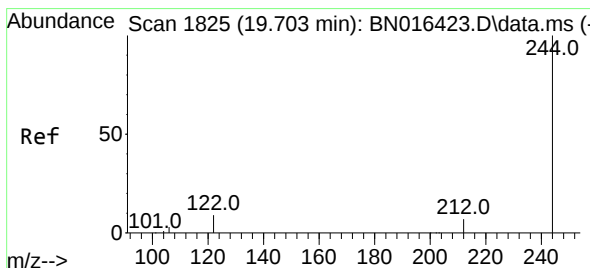
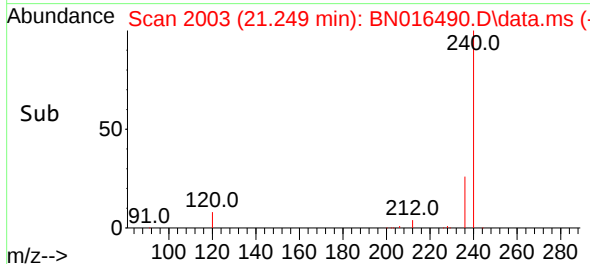
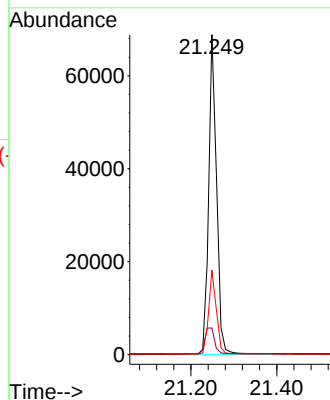
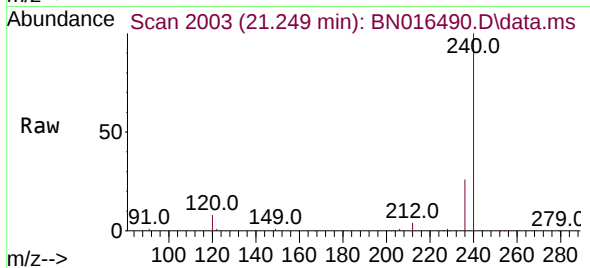




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.249 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BN016490.D
Acq: 26 Sep 2021 01:25

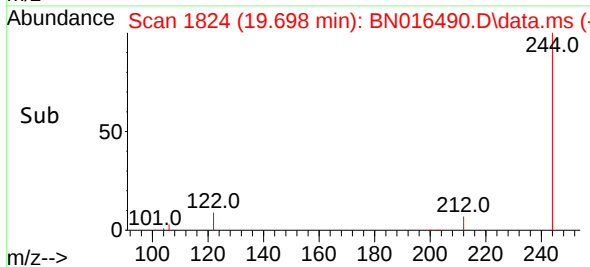
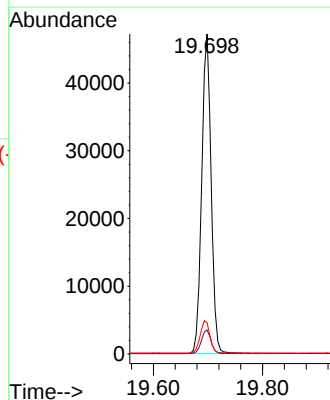
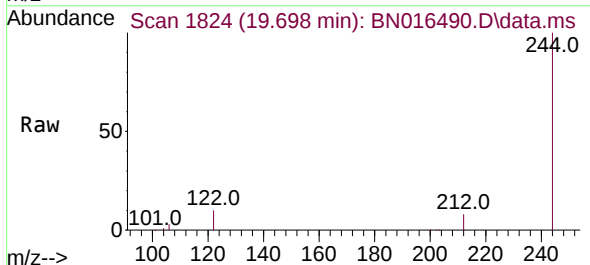
Instrument :
BNA_N
ClientSampleId :

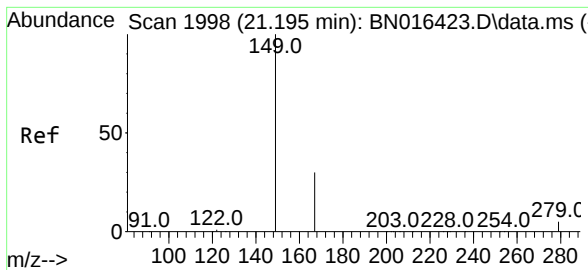
Tgt Ion:240 Resp: 87828
Ion Ratio Lower Upper
240 100
120 8.3 5.3 7.9#
236 26.4 19.8 29.8



#31
Terphenyl-d14
Concen: 0.279 ng
RT: 19.698 min Scan# 1824
Delta R.T. -0.005 min
Lab File: BN016490.D
Acq: 26 Sep 2021 01:25

Tgt Ion:244 Resp: 57030
Ion Ratio Lower Upper
244 100
212 7.5 5.5 8.3
122 9.8 9.0 13.4

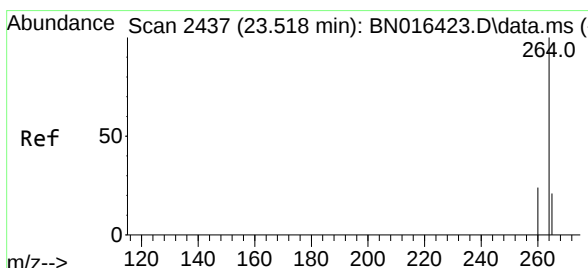
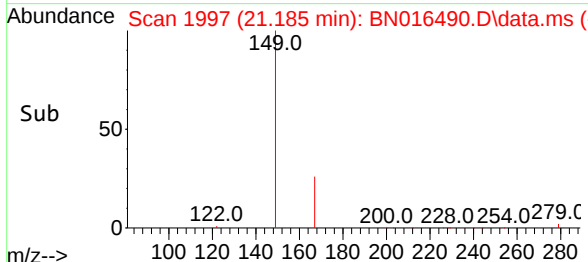
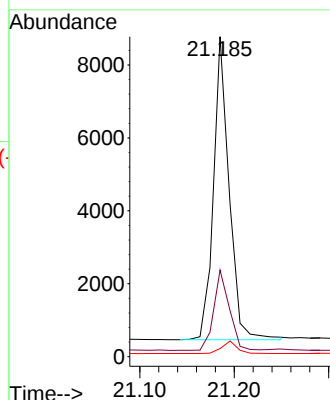
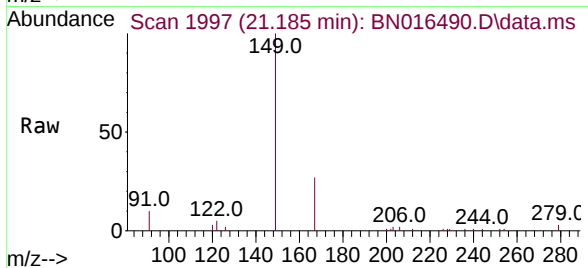




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.137 ng
 RT: 21.185 min Scan# 1997
 Delta R.T. -0.011 min
 Lab File: BN016490.D
 Acq: 26 Sep 2021 01:25

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:	149	Resp:	9519
Ion Ratio	Lower	Upper	
149	100		
167	26.3	23.4	35.0
279	4.0	3.9	5.9



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.515 min Scan# 2436
 Delta R.T. -0.003 min
 Lab File: BN016490.D
 Acq: 26 Sep 2021 01:25

Tgt Ion:	264	Resp:	75490
Ion Ratio	Lower	Upper	
264	100		
260	24.7	18.9	28.3
265	23.2	23.7	35.5#

