

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092521\
 Data File : BN016489.D
 Acq On : 26 Sep 2021 00:49
 Operator : CG/JU
 Sample : M3908-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SUP-UST-05-(6-8)

Quant Time: Sep 26 04:16:48 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)

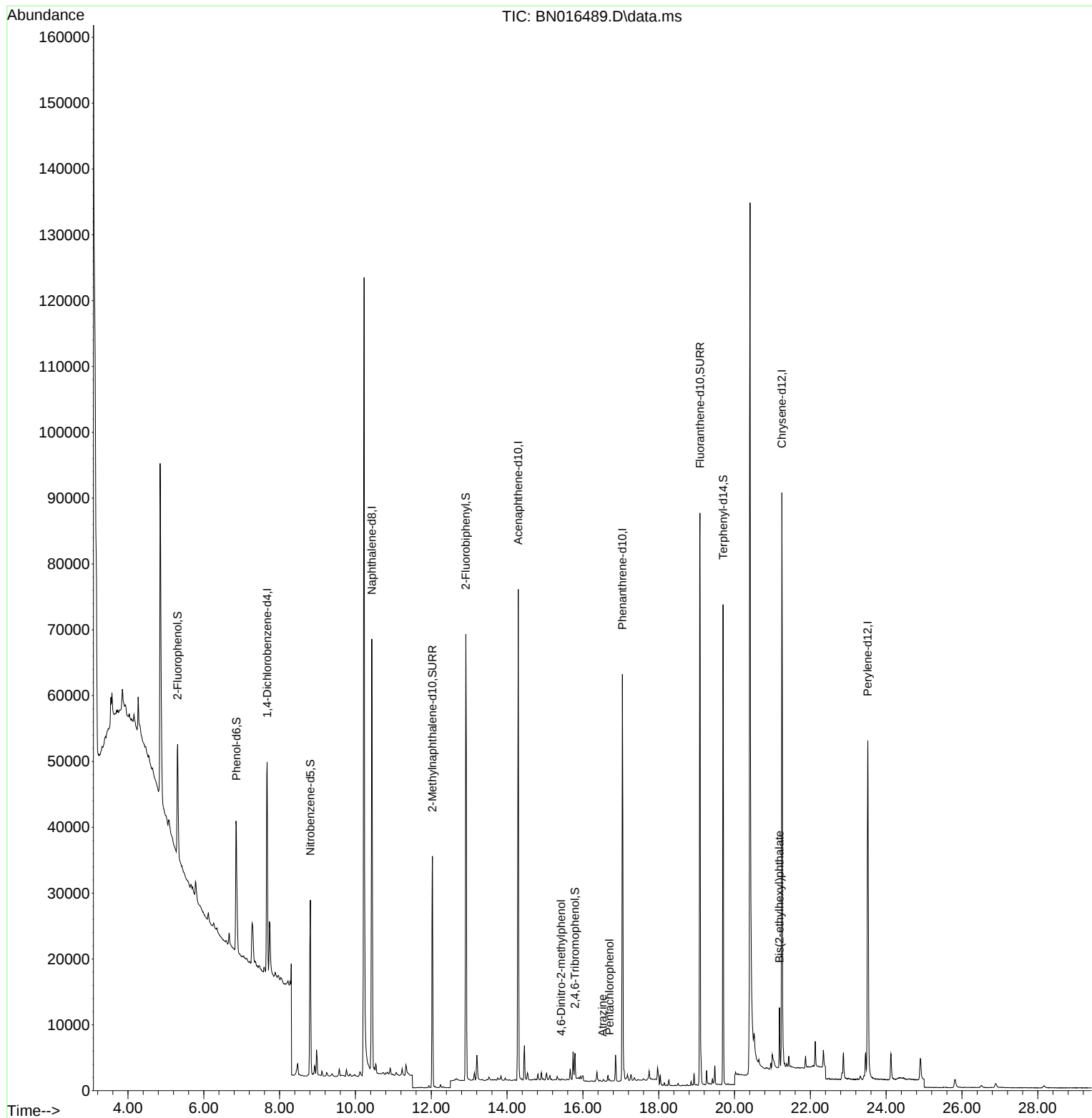
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.670	152	19052	0.400	ng	0.00
7) Naphthalene-d8	10.432	136	83031	0.400	ng	#-0.01
13) Acenaphthene-d10	14.294	164	40142	0.400	ng	0.00
19) Phenanthrene-d10	17.042	188	82557	0.400	ng	0.00
29) Chrysene-d12	21.249	240	83906	0.400	ng	# 0.00
35) Perylene-d12	23.515	264	69723	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.309	112	17332	0.405	ng	0.03
5) Phenol-d6	6.859	99	18517	0.367	ng	0.00
8) Nitrobenzene-d5	8.810	82	20222	0.344	ng	0.00
11) 2-Methylnaphthalene-d10	12.029	152	46686	0.379	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	2994	0.325	ng	0.00
15) 2-Fluorobiphenyl	12.911	172	60480	0.359	ng	-0.01
27) Fluoranthene-d10	19.088	212	100128	0.442	ng	0.00
31) Terphenyl-d14	19.698	244	74115	0.380	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.423	198	14	0.149	ng	# 1
23) Atrazine	16.519	200	23	0.136	ng	# 1
24) Pentachlorophenol	16.701	266	205	0.253	ng	87
34) Bis(2-ethylhexyl)phtha...	21.185	149	8292	0.125	ng	94

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

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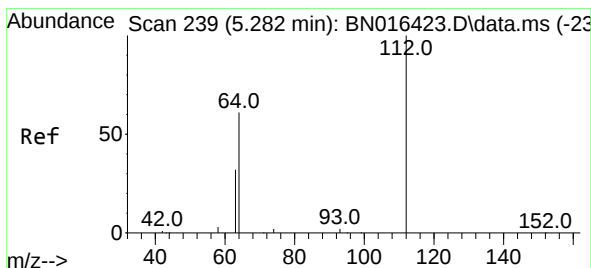
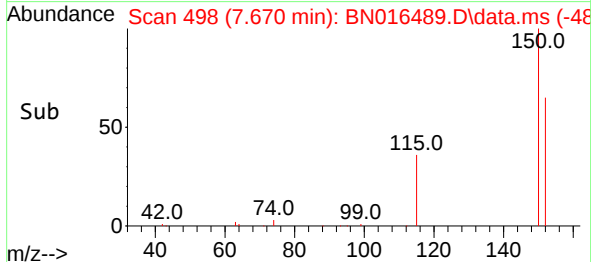
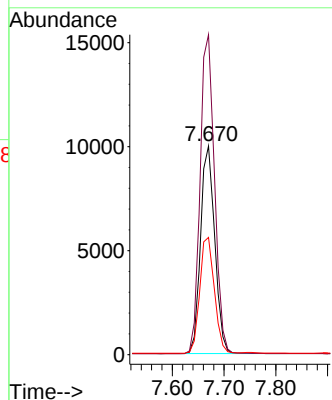
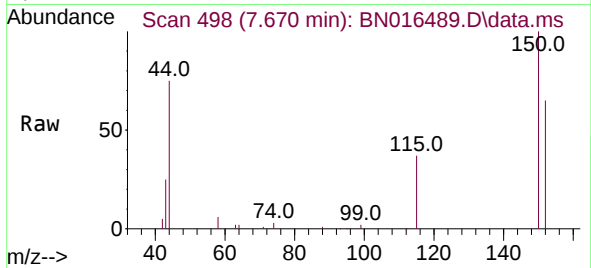




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.670 min Scan# 498
 Delta R.T. 0.000 min
 Lab File: BN016489.D
 Acq: 26 Sep 2021 00:49

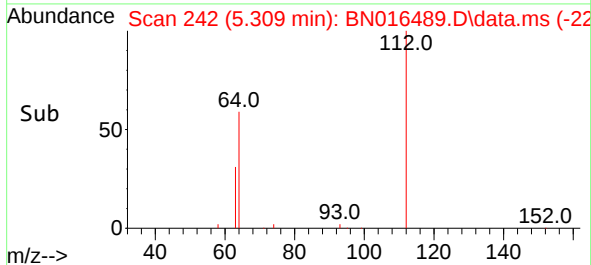
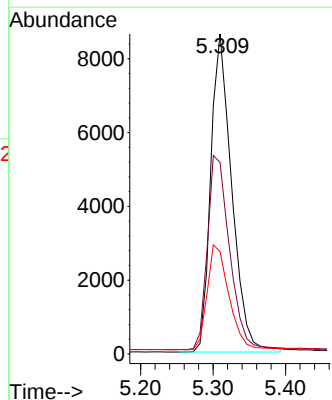
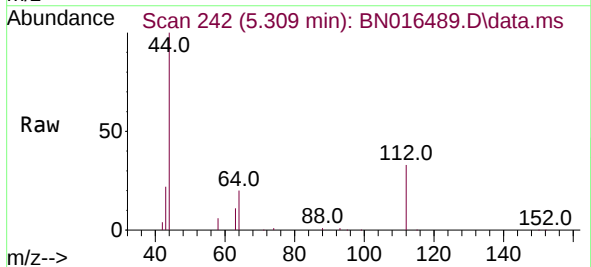
Instrument :
 BNA_N
 ClientSampleId :
 SUP-UST-05-(6-8)

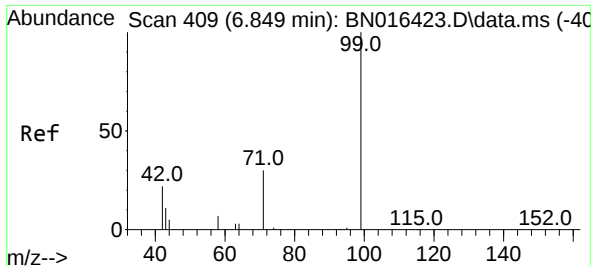
Tgt Ion:152 Resp: 19052
 Ion Ratio Lower Upper
 152 100
 150 153.4 125.6 188.4
 115 56.2 50.2 75.2



#4
 2-Fluorophenol
 Concen: 0.405 ng
 RT: 5.309 min Scan# 242
 Delta R.T. 0.028 min
 Lab File: BN016489.D
 Acq: 26 Sep 2021 00:49

Tgt Ion:112 Resp: 17332
 Ion Ratio Lower Upper
 112 100
 64 64.4 47.3 70.9
 63 34.4 23.4 35.0

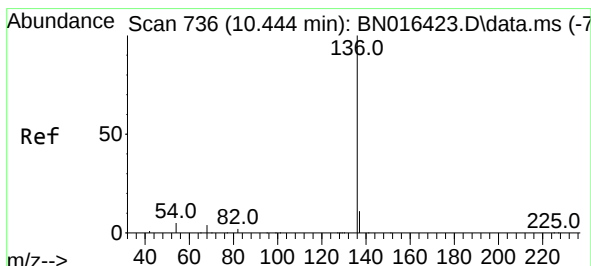
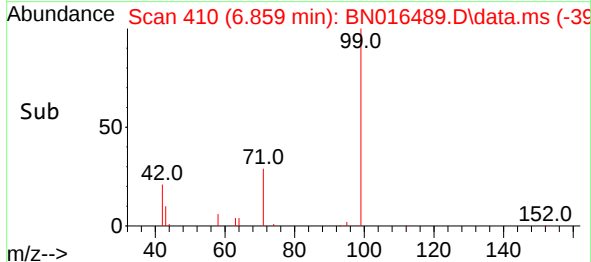
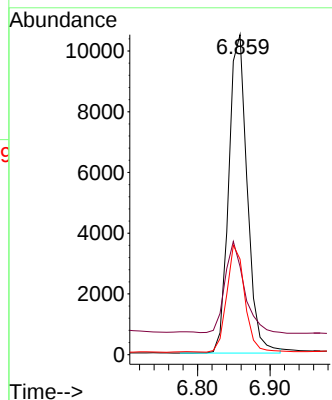
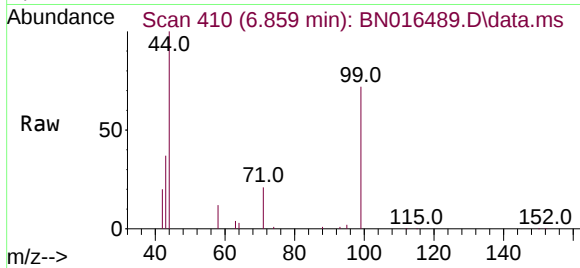




#5
Phenol-d6
Concen: 0.367 ng
RT: 6.859 min Scan# 410
Delta R.T. 0.009 min
Lab File: BN016489.D
Acq: 26 Sep 2021 00:49

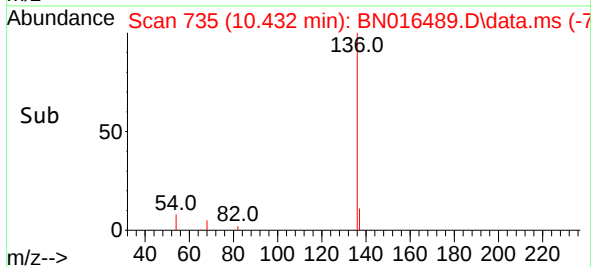
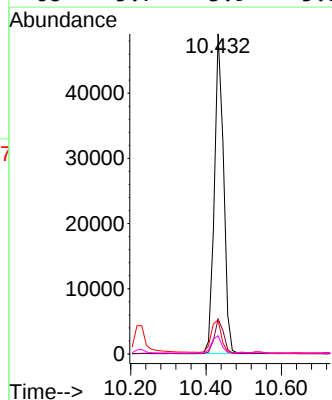
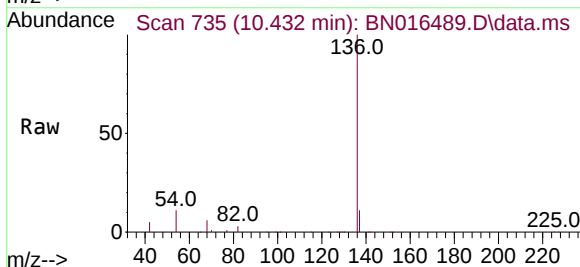
Instrument :
BNA_N
ClientSampleId :
SUP-UST-05-(6-8)

Tgt Ion: 99 Resp: 18517
Ion Ratio Lower Upper
99 100
42 29.8 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. -0.012 min
Lab File: BN016489.D
Acq: 26 Sep 2021 00:49

Tgt Ion: 136 Resp: 83031
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 10.6 5.3 7.9#
68 5.7 3.9 5.9

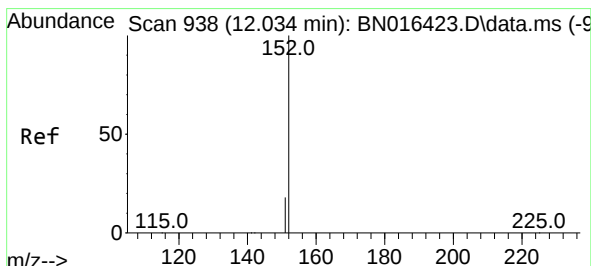
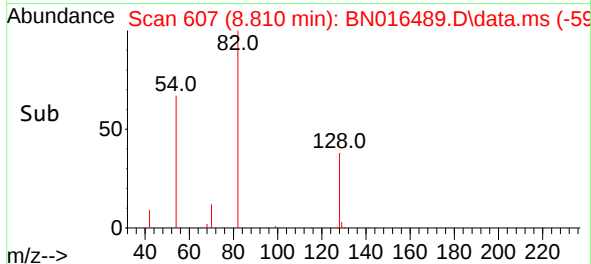
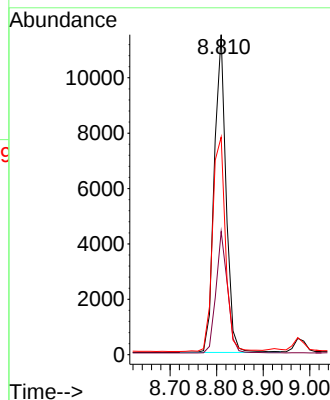
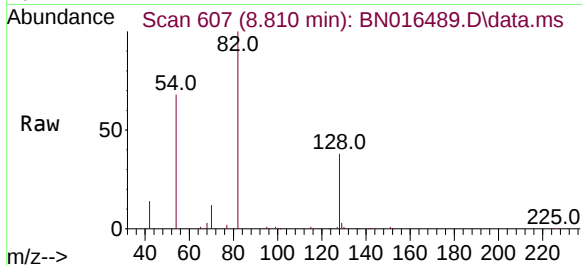




#8
Nitrobenzene-d5
Concen: 0.344 ng
RT: 8.810 min Scan# 607
Delta R.T. 0.000 min
Lab File: BN016489.D
Acq: 26 Sep 2021 00:49

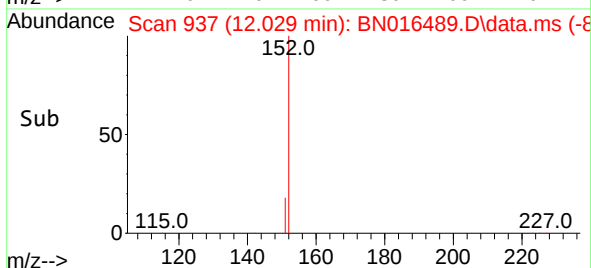
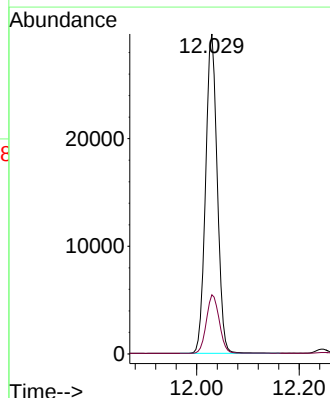
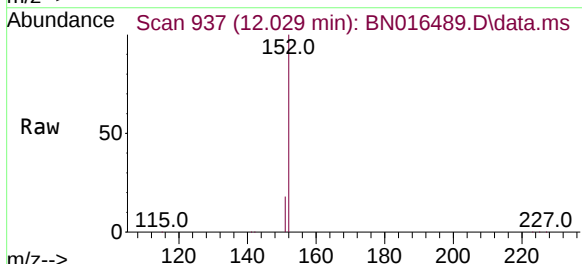
Instrument :
BNA_N
ClientSampleId :
SUP-UST-05-(6-8)

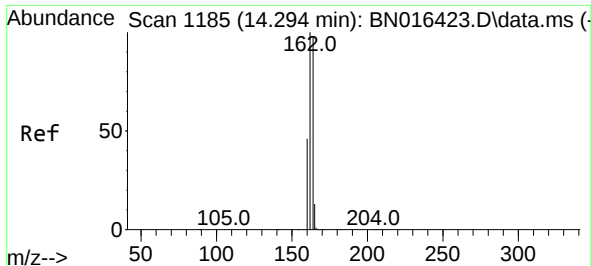
Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.5	31.7	47.5
54	68.0	46.4	69.6



#11
2-Methylnaphthalene-d10
Concen: 0.379 ng
RT: 12.029 min Scan# 937
Delta R.T. -0.004 min
Lab File: BN016489.D
Acq: 26 Sep 2021 00:49

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.1	24.1

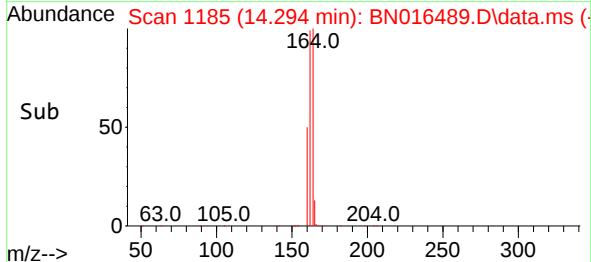
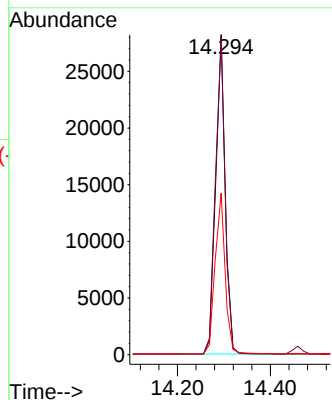
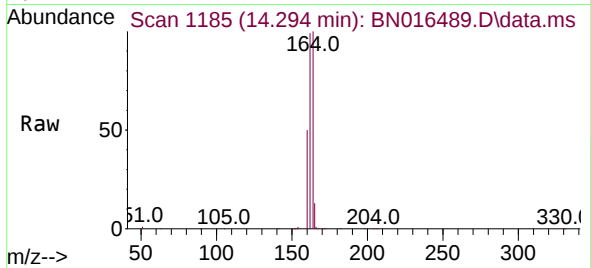




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BN016489.D
Acq: 26 Sep 2021 00:49

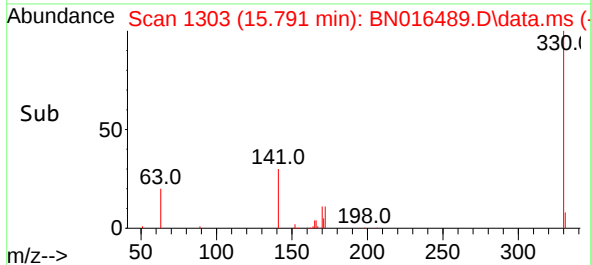
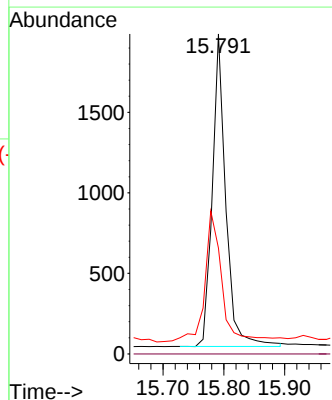
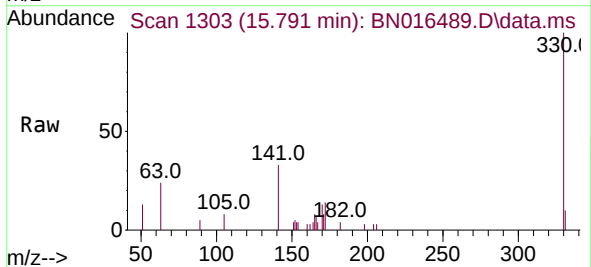
Instrument :
BNA_N
ClientSampleId :
SUP-UST-05-(6-8)

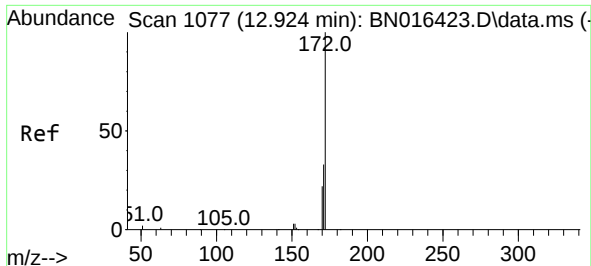
Tgt Ion:164 Resp: 40142
Ion Ratio Lower Upper
164 100
162 99.2 79.0 118.4
160 50.5 34.1 51.1



#14
2,4,6-Tribromophenol
Concen: 0.325 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016489.D
Acq: 26 Sep 2021 00:49

Tgt Ion:330 Resp: 2994
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 50.4 25.0 37.4#

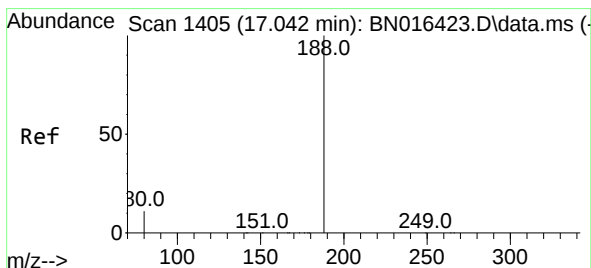
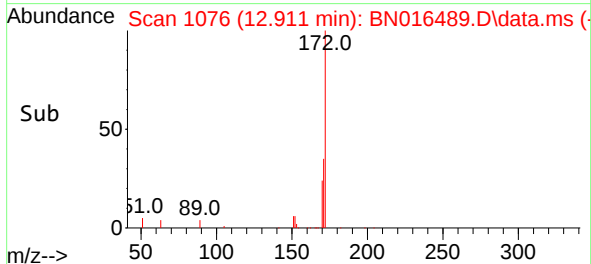
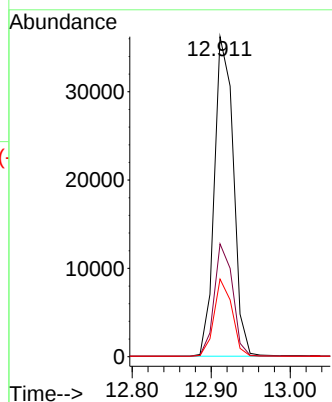
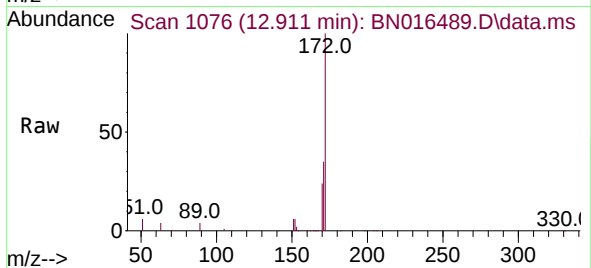




#15
2-Fluorobiphenyl
Concen: 0.359 ng
RT: 12.911 min Scan# 1076
Delta R.T. -0.013 min
Lab File: BN016489.D
Acq: 26 Sep 2021 00:49

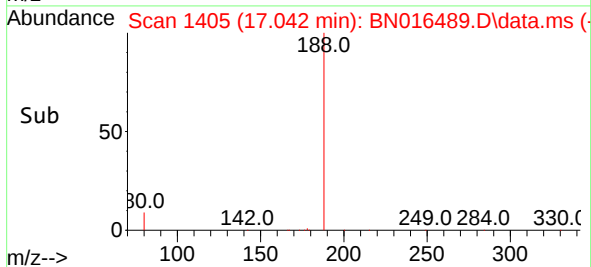
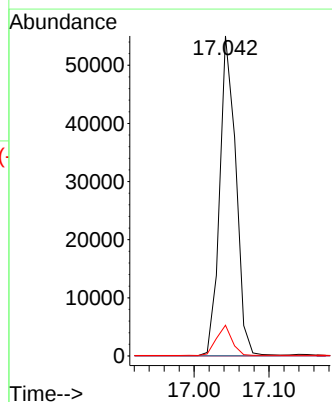
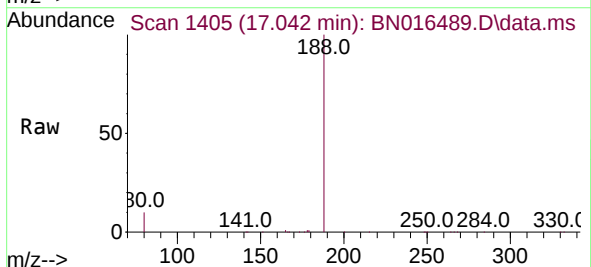
Instrument :
BNA_N
ClientSampleId :
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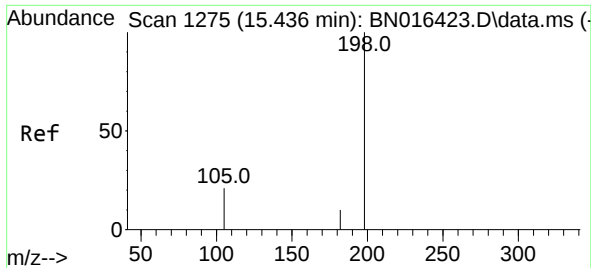
Tgt Ion:172 Resp: 60480
Ion Ratio Lower Upper
172 100
171 35.3 27.8 41.6
170 24.2 18.2 27.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.042 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BN016489.D
Acq: 26 Sep 2021 00:49

Tgt Ion:188 Resp: 82557
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.6 7.0 10.6

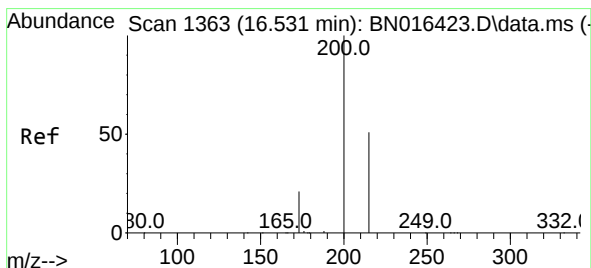
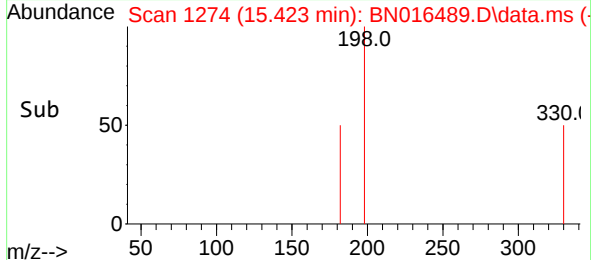
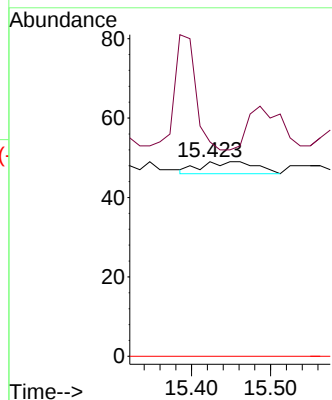
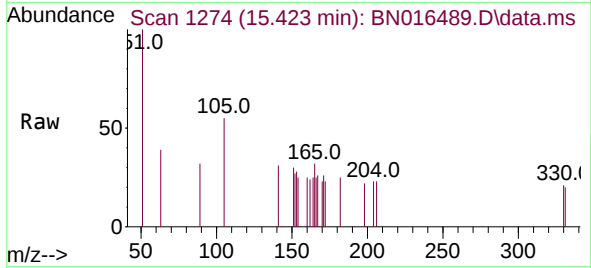




#20
4,6-Dinitro-2-methylphenol
Concen: 0.149 ng
RT: 15.423 min Scan# 1274
Delta R.T. -0.013 min
Lab File: BN016489.D
Acq: 26 Sep 2021 00:49

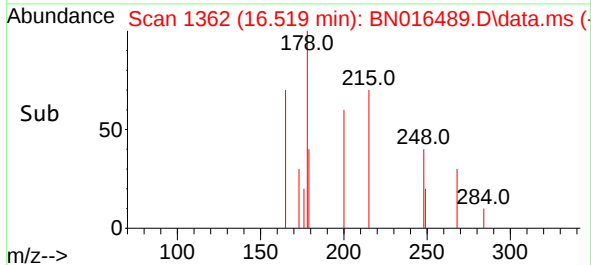
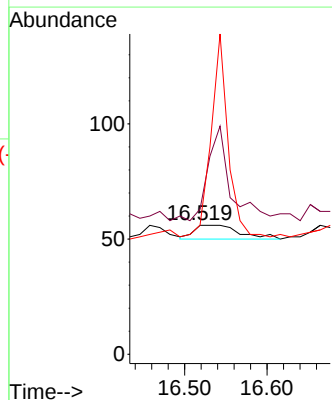
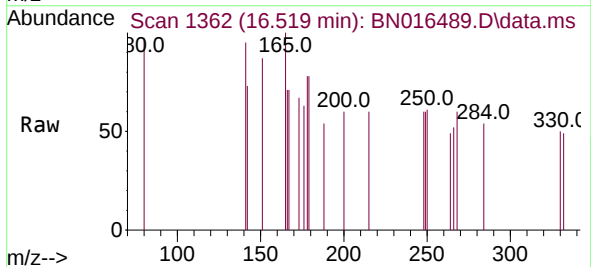
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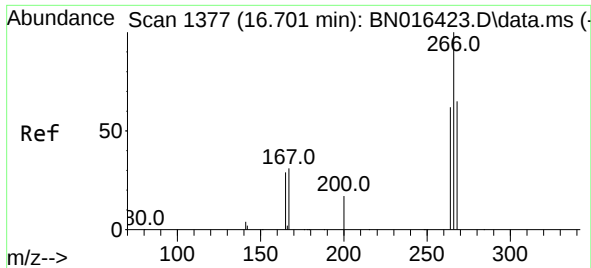
Tgt Ion:198 Resp: 14
Ion Ratio Lower Upper
198 100
182 110.2 26.6 39.8#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.136 ng
RT: 16.519 min Scan# 1362
Delta R.T. -0.012 min
Lab File: BN016489.D
Acq: 26 Sep 2021 00:49

Tgt Ion:200 Resp: 23
Ion Ratio Lower Upper
200 100
173 112.5 18.7 28.1#
215 100.0 41.6 62.4#

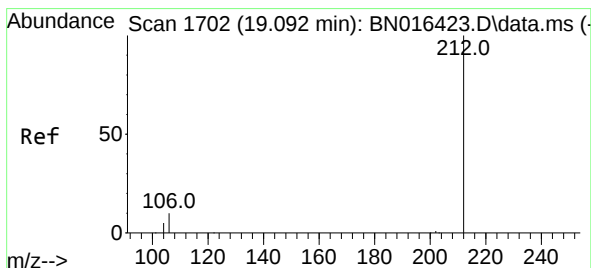
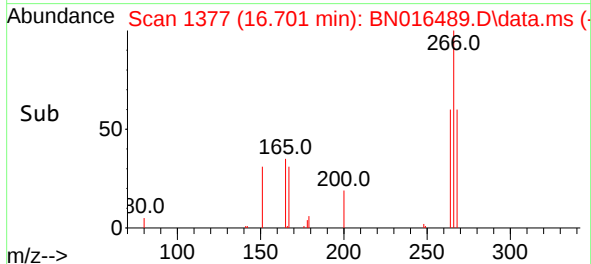
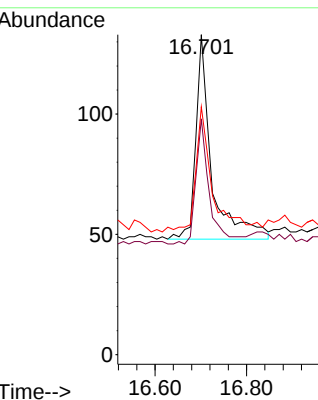
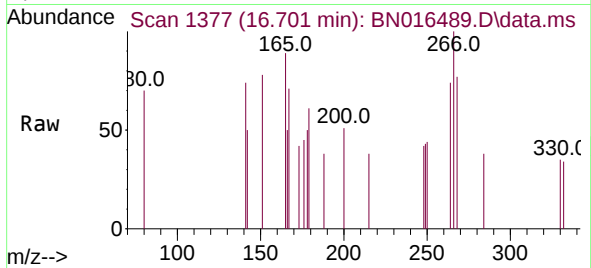




#24
Pentachlorophenol
Concen: 0.253 ng
RT: 16.701 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BN016489.D
Acq: 26 Sep 2021 00:49

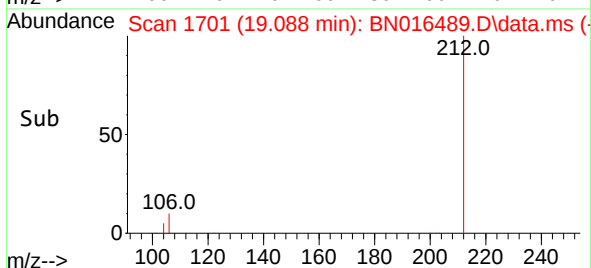
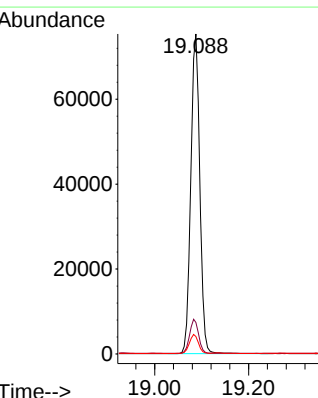
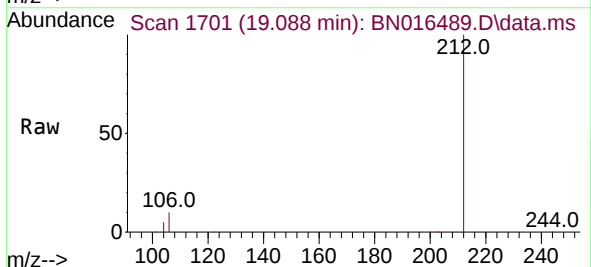
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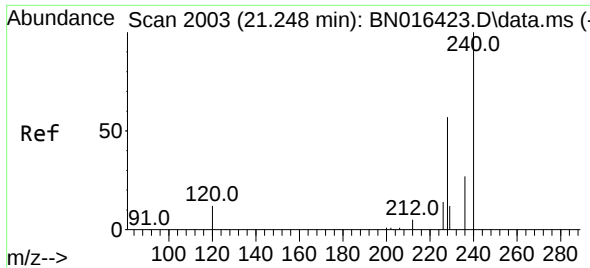
Tgt Ion:	266	Resp:	205
Ion Ratio	Lower	Upper	
266	100		
264	50.7	50.6	75.8
268	57.1	52.6	79.0



#27
Fluoranthene-d10
Concen: 0.442 ng
RT: 19.088 min Scan# 1701
Delta R.T. -0.005 min
Lab File: BN016489.D
Acq: 26 Sep 2021 00:49

Tgt Ion:	212	Resp:	100128
Ion Ratio	Lower	Upper	
212	100		
106	10.6	9.8	14.6
104	5.9	5.4	8.2

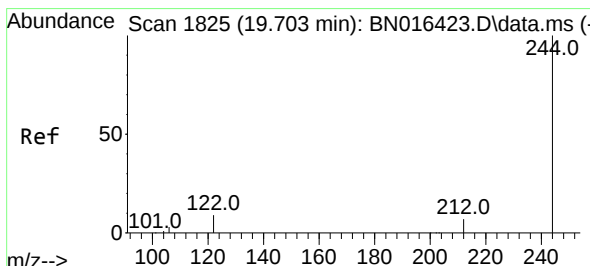
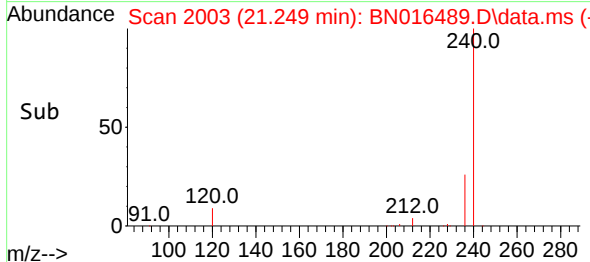
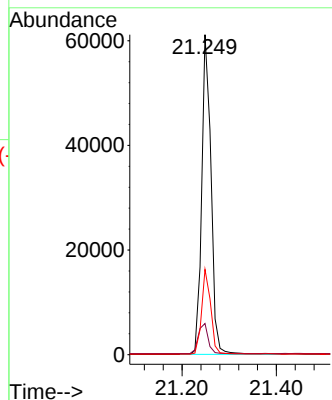
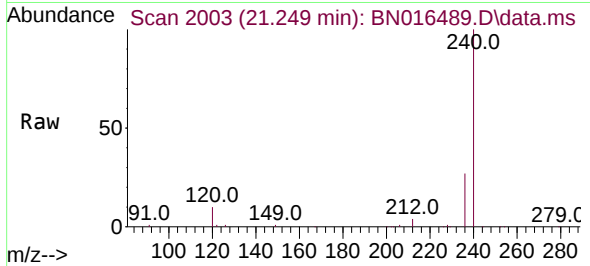




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.249 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BN016489.D
Acq: 26 Sep 2021 00:49

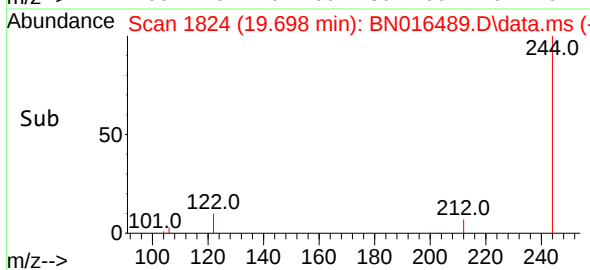
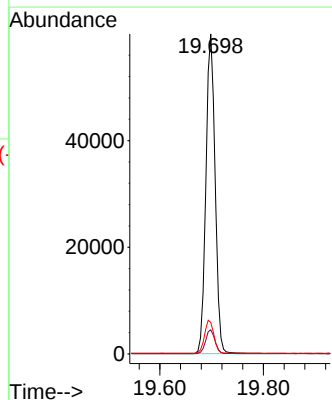
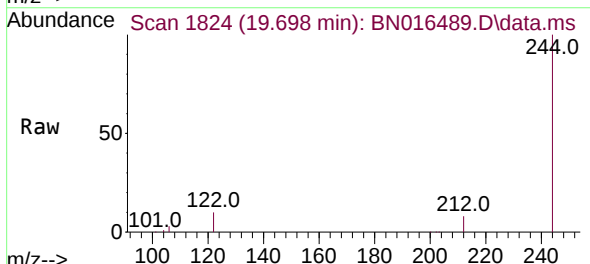
Instrument :
BNA_N
ClientSampleId :
SUP-UST-05-(6-8)

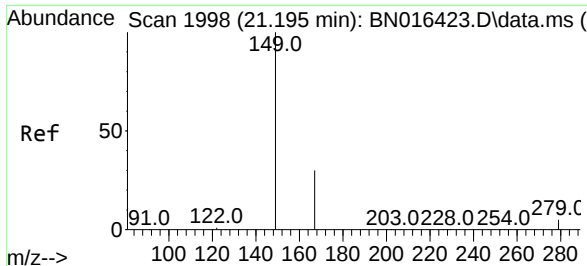
Tgt Ion:240 Resp: 83906
Ion Ratio Lower Upper
240 100
120 9.7 5.3 7.9#
236 26.6 19.8 29.8



#31
Terphenyl-d14
Concen: 0.380 ng
RT: 19.698 min Scan# 1824
Delta R.T. -0.005 min
Lab File: BN016489.D
Acq: 26 Sep 2021 00:49

Tgt Ion:244 Resp: 74115
Ion Ratio Lower Upper
244 100
212 7.6 5.5 8.3
122 9.9 9.0 13.4

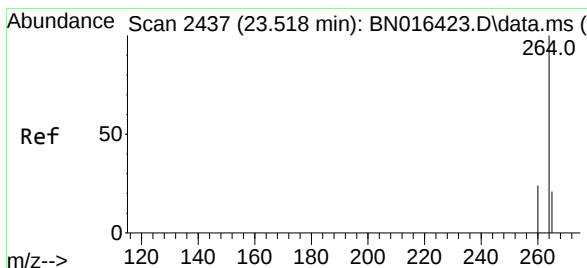
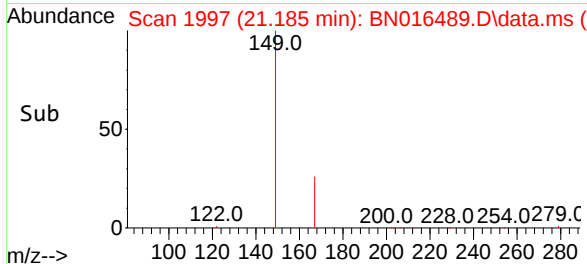
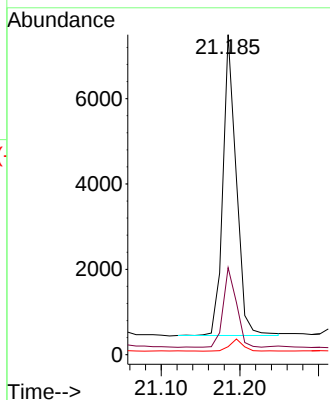
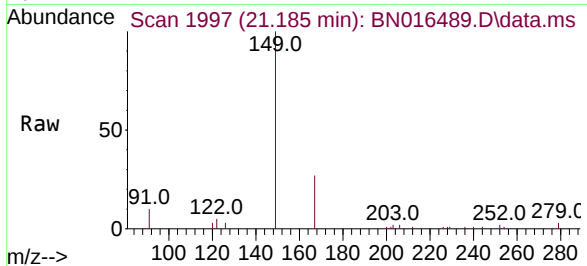




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.125 ng
RT: 21.185 min Scan# 1997
Delta R.T. -0.010 min
Lab File: BN016489.D
Acq: 26 Sep 2021 00:49

Instrument :
BNA_N
ClientSampleId :
SUP-UST-05-(6-8)

Tgt Ion:149 Resp: 8292
Ion Ratio Lower Upper
149 100
167 26.0 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: BN016489.D
Acq: 26 Sep 2021 00:49

Tgt Ion:264 Resp: 69723
Ion Ratio Lower Upper
264 100
260 24.4 18.9 28.3
265 23.1 23.7 35.5#

