

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092521\
 Data File : BN016495.D
 Acq On : 26 Sep 2021 04:27
 Operator : CG/JU
 Sample : M3922-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SUP-UST-04-(6-8)

Quant Time: Sep 26 05:43:07 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)

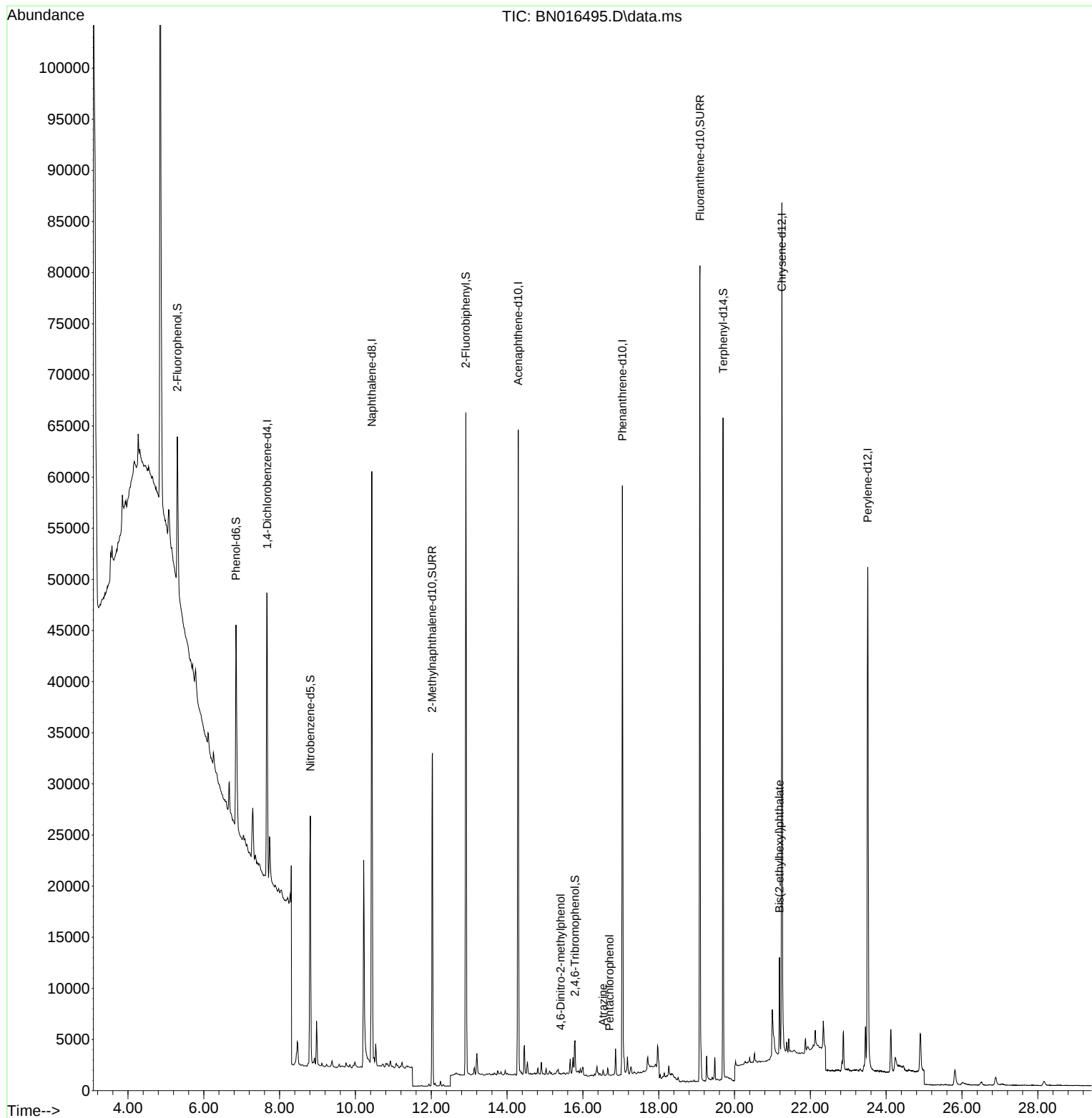
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.670	152	17385	0.400	ng	0.00
7) Naphthalene-d8	10.432	136	73270	0.400	ng	#-0.01
13) Acenaphthene-d10	14.294	164	35276	0.400	ng	0.00
19) Phenanthrene-d10	17.042	188	72971	0.400	ng	0.00
29) Chrysene-d12	21.249	240	75500	0.400	ng	# 0.00
35) Perylene-d12	23.515	264	68349	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.300	112	15638	0.401	ng	0.02
5) Phenol-d6	6.849	99	17941	0.390	ng	0.00
8) Nitrobenzene-d5	8.810	82	19172	0.370	ng	0.00
11) 2-Methylnaphthalene-d10	12.025	152	44016	0.405	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	2554	0.319	ng	0.00
15) 2-Fluorobiphenyl	12.911	172	56003	0.378	ng	-0.01
27) Fluoranthene-d10	19.088	212	91422	0.457	ng	0.00
31) Terphenyl-d14	19.698	244	64256	0.366	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.411	198	3	0.148	ng	# 1
23) Atrazine	16.531	200	26	0.136	ng	# 1
24) Pentachlorophenol	16.701	266	15	0.245	ng	# 38
34) Bis(2-ethylhexyl)phtha...	21.185	149	8636	0.145	ng	95

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

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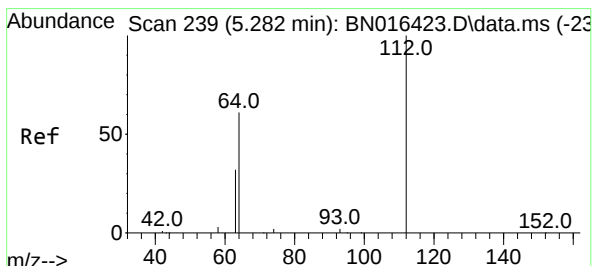
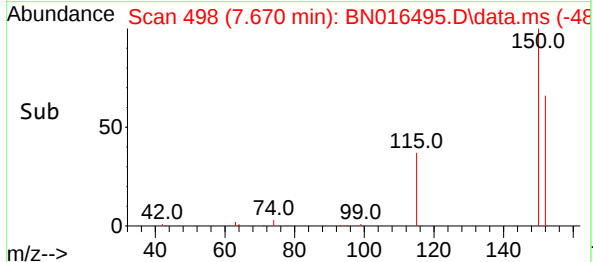
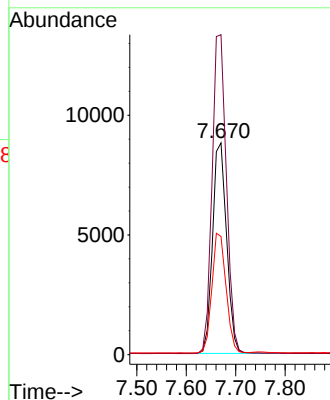
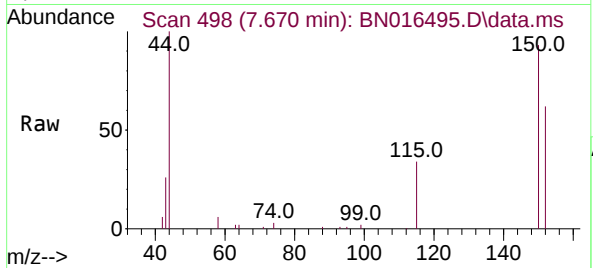




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.670 min Scan# 498
 Delta R.T. 0.000 min
 Lab File: BN016495.D
 Acq: 26 Sep 2021 04:27

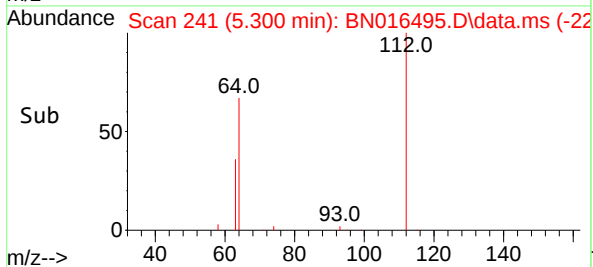
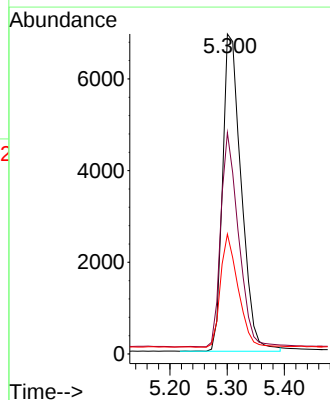
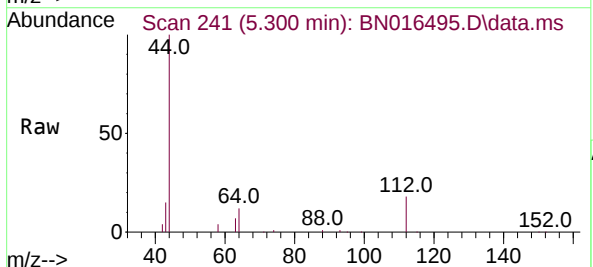
Instrument :
 BNA_N
 ClientSampleId :
 SUP-UST-04-(6-8)

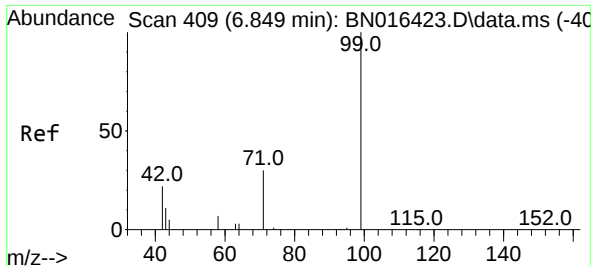
Tgt Ion:152 Resp: 17385
 Ion Ratio Lower Upper
 152 100
 150 151.1 125.6 188.4
 115 55.8 50.2 75.2



#4
 2-Fluorophenol
 Concen: 0.401 ng
 RT: 5.300 min Scan# 241
 Delta R.T. 0.019 min
 Lab File: BN016495.D
 Acq: 26 Sep 2021 04:27

Tgt Ion:112 Resp: 15638
 Ion Ratio Lower Upper
 112 100
 64 64.0 47.3 70.9
 63 33.9 23.4 35.0

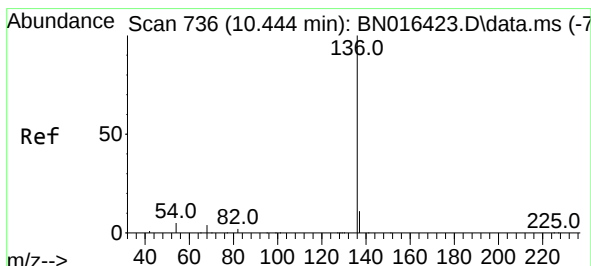
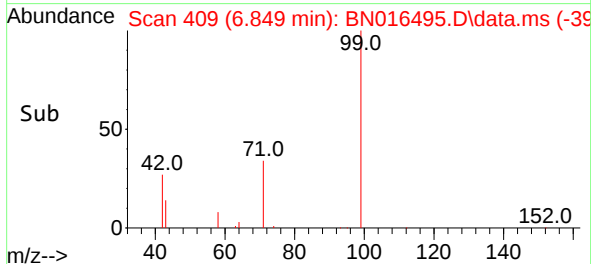
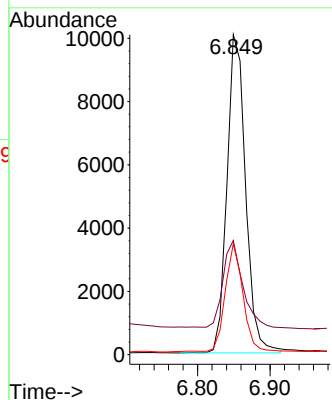
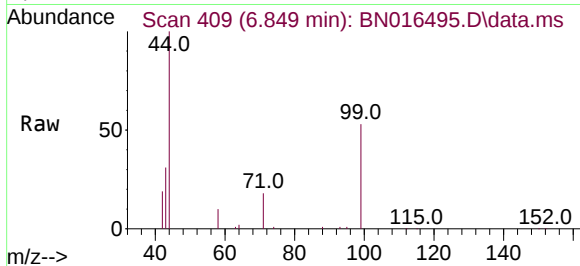




#5
Phenol-d6
Concen: 0.390 ng
RT: 6.849 min Scan# 409
Delta R.T. 0.000 min
Lab File: BN016495.D
Acq: 26 Sep 2021 04:27

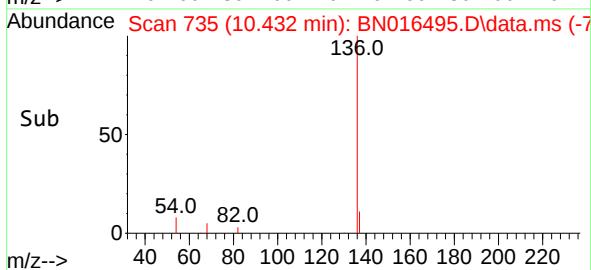
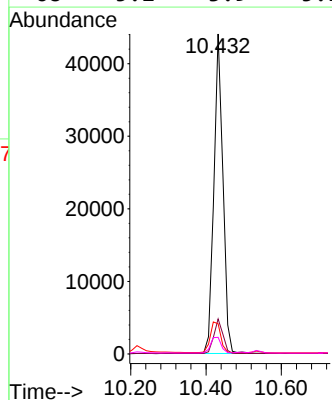
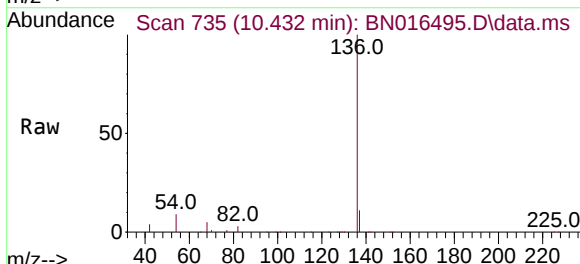
Instrument :
BNA_N
ClientSampleId :
SUP-UST-04-(6-8)

Tgt Ion: 99 Resp: 17941
Ion Ratio Lower Upper
99 100
42 28.8 14.0 21.0#
71 32.3 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: BN016495.D
Acq: 26 Sep 2021 04:27

Tgt Ion: 136 Resp: 73270
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 9.4 5.3 7.9#
68 5.2 3.9 5.9

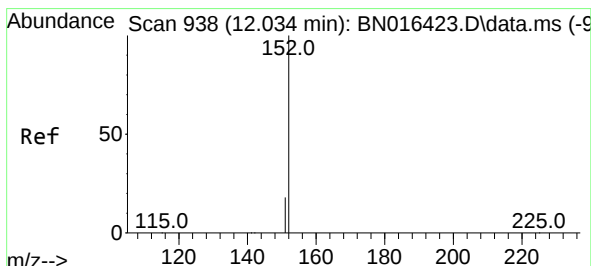
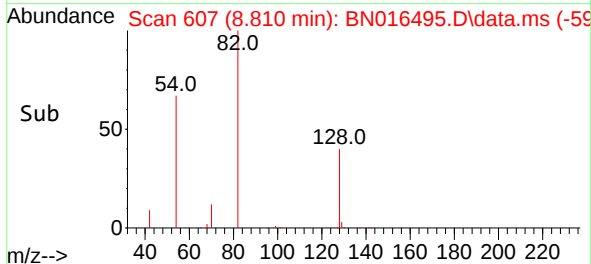
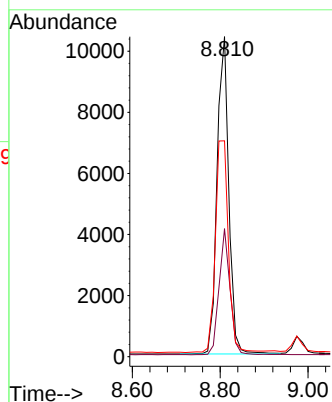
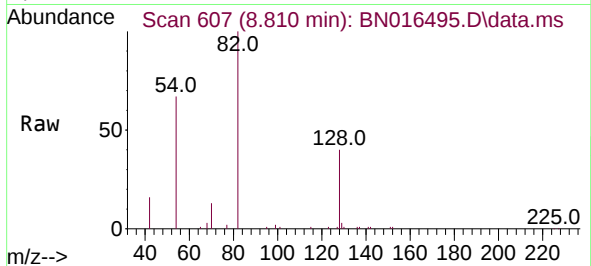




#8
Nitrobenzene-d5
Concen: 0.370 ng
RT: 8.810 min Scan# 607
Delta R.T. 0.000 min
Lab File: BN016495.D
Acq: 26 Sep 2021 04:27

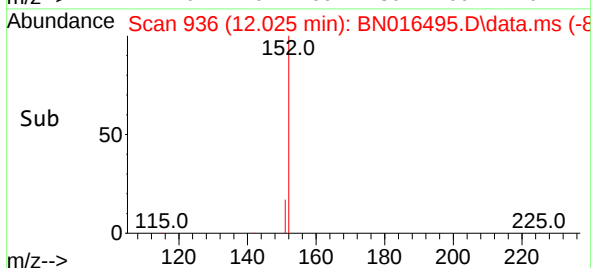
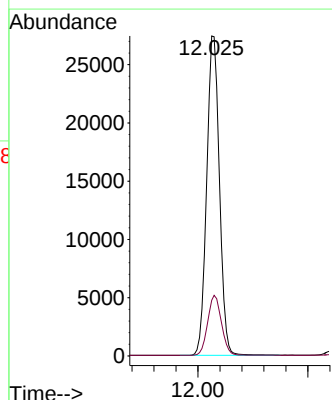
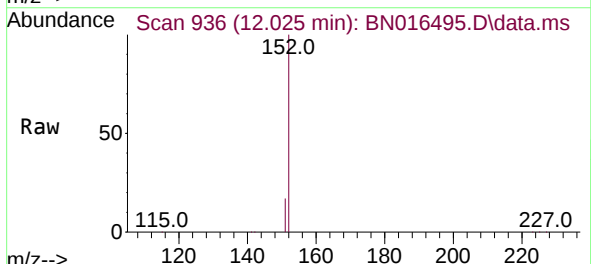
Instrument :
BNA_N
ClientSampleId :
SUP-UST-04-(6-8)

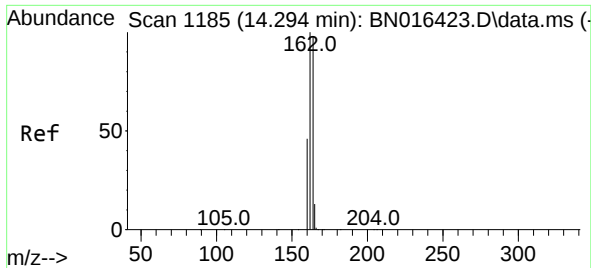
Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.0	31.7	47.5
54	67.5	46.4	69.6



#11
2-Methylnaphthalene-d10
Concen: 0.405 ng
RT: 12.025 min Scan# 936
Delta R.T. -0.009 min
Lab File: BN016495.D
Acq: 26 Sep 2021 04:27

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.1	24.1

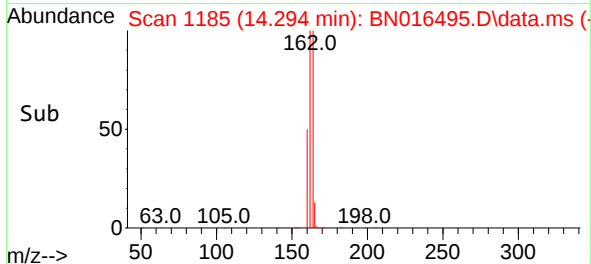
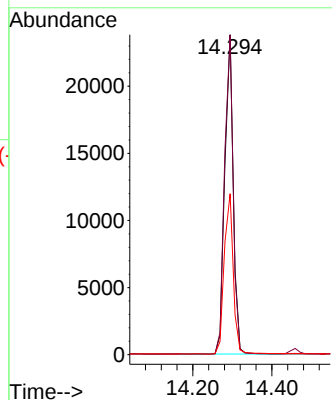
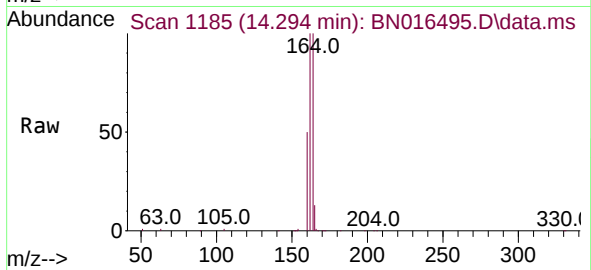




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BN016495.D
Acq: 26 Sep 2021 04:27

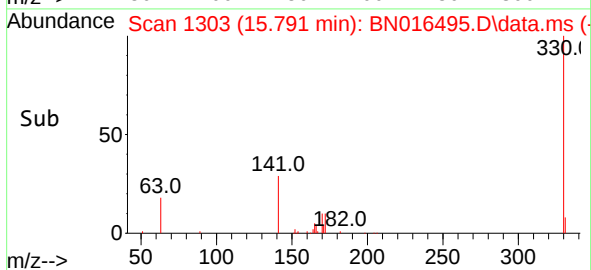
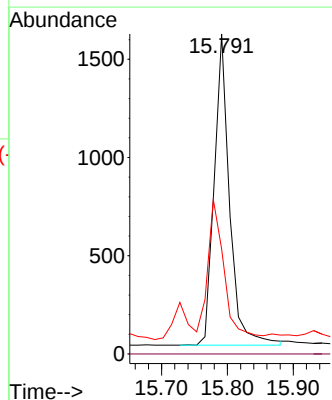
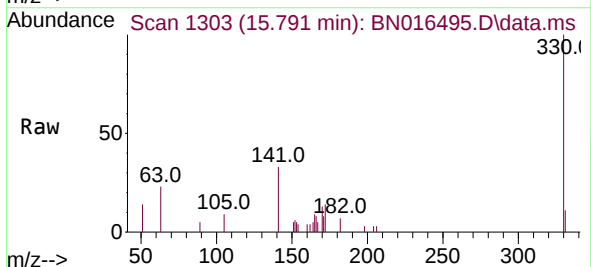
Instrument :
BNA_N
ClientSampleId :
SUP-UST-04-(6-8)

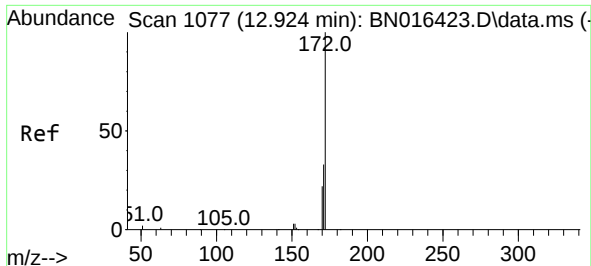
Tgt Ion:164 Resp: 35276
Ion Ratio Lower Upper
164 100
162 99.9 79.0 118.4
160 50.3 34.1 51.1



#14
2,4,6-Tribromophenol
Concen: 0.319 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016495.D
Acq: 26 Sep 2021 04:27

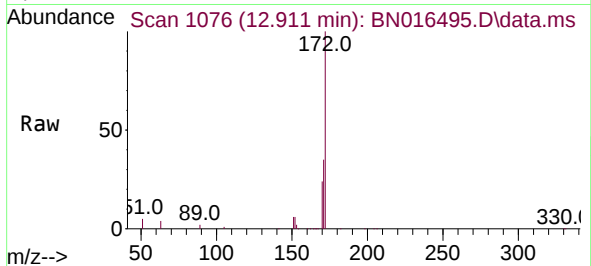
Tgt Ion:330 Resp: 2554
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 43.9 25.0 37.4#



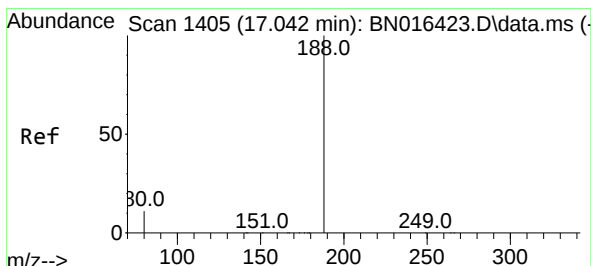
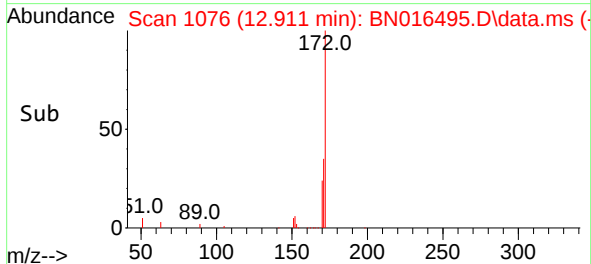
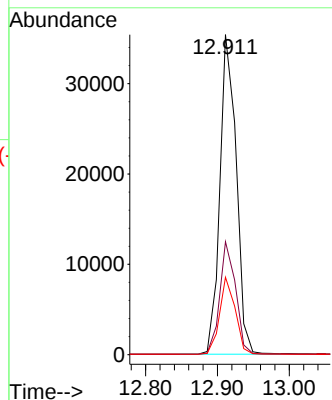


#15
2-Fluorobiphenyl
Concen: 0.378 ng
RT: 12.911 min Scan# 1076
Delta R.T. -0.012 min
Lab File: BN016495.D
Acq: 26 Sep 2021 04:27

Instrument :
BNA_N
ClientSampleId :
SUP-UST-04-(6-8)

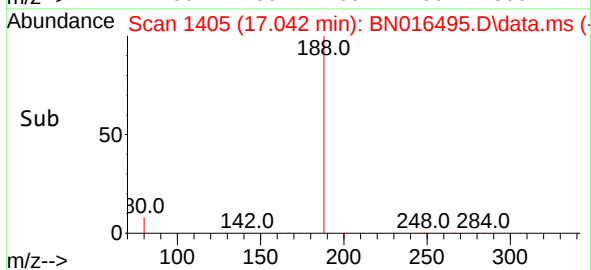
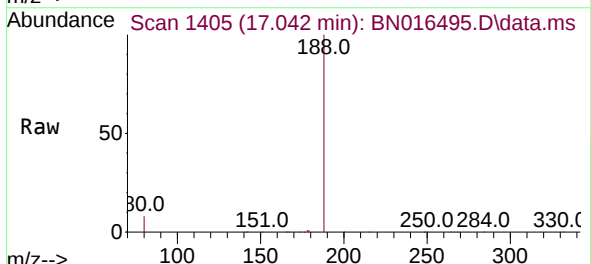
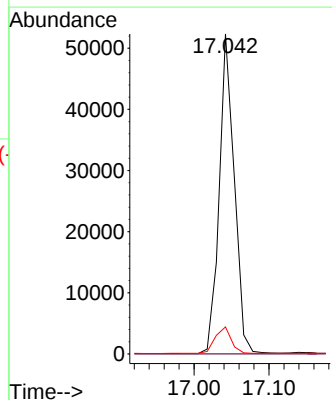


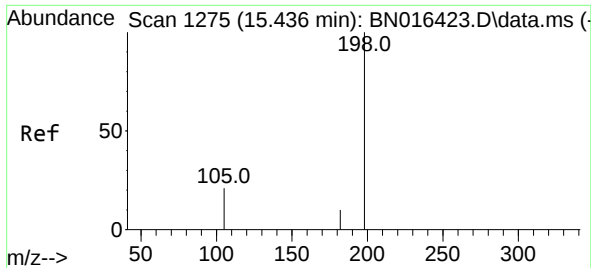
Tgt Ion:	172	Resp:	56003
Ion Ratio	Lower	Upper	
172	100		
171	35.3	27.8	41.6
170	24.2	18.2	27.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.042 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BN016495.D
Acq: 26 Sep 2021 04:27

Tgt Ion:	188	Resp:	72971
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	8.5	7.0	10.6

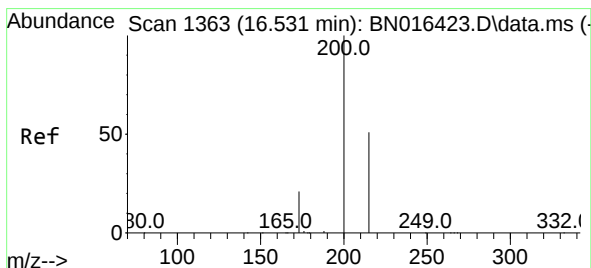
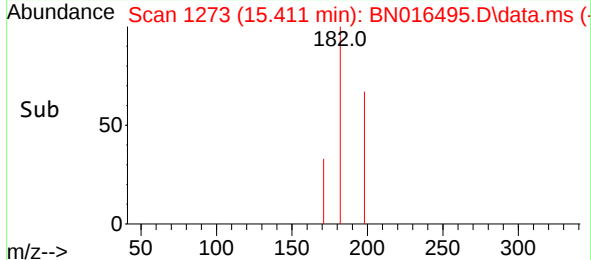
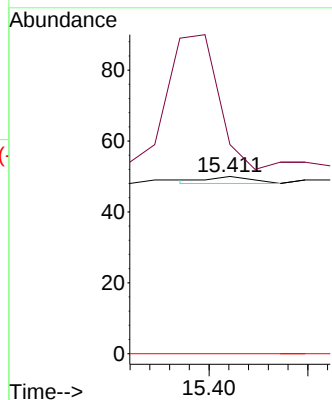
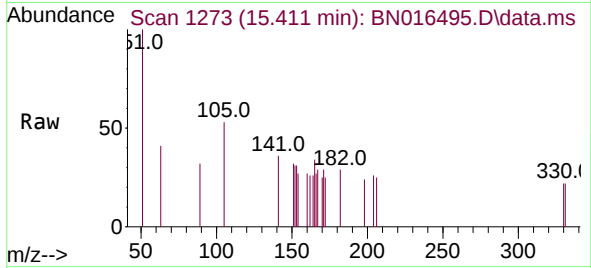




#20
4,6-Dinitro-2-methylphenol
Concen: 0.148 ng
RT: 15.411 min Scan# 1273
Delta R.T. -0.025 min
Lab File: BN016495.D
Acq: 26 Sep 2021 04:27

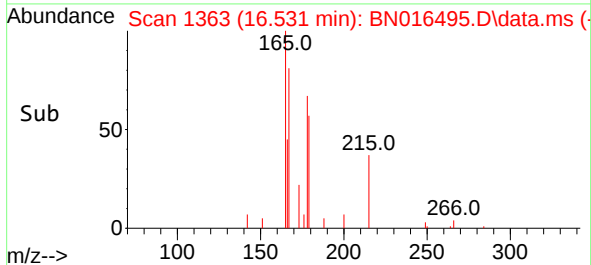
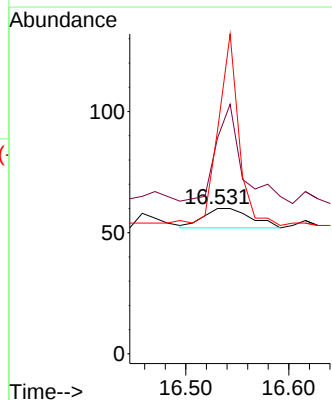
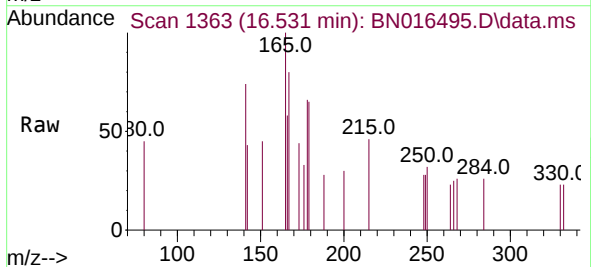
Instrument :
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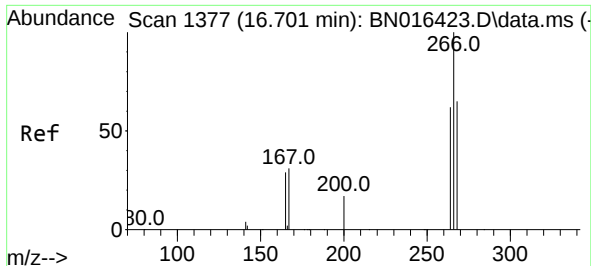
Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
182 118.0 26.6 39.8#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.136 ng
RT: 16.531 min Scan# 1363
Delta R.T. -0.000 min
Lab File: BN016495.D
Acq: 26 Sep 2021 04:27

Tgt Ion:200 Resp: 26
Ion Ratio Lower Upper
200 100
173 148.3 18.7 28.1#
215 153.3 41.6 62.4#

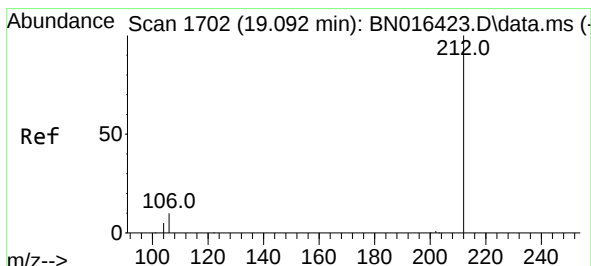
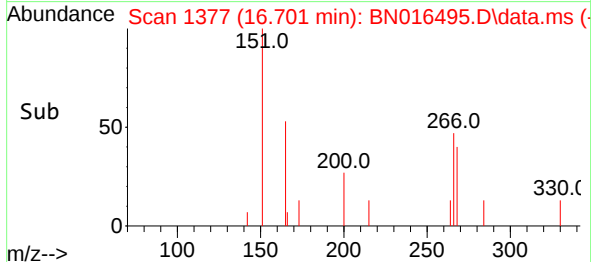
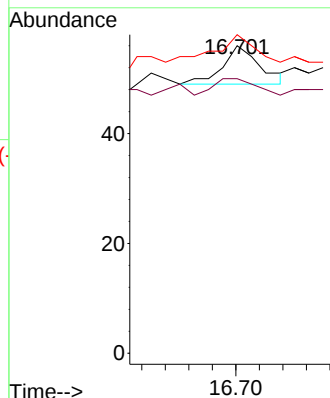
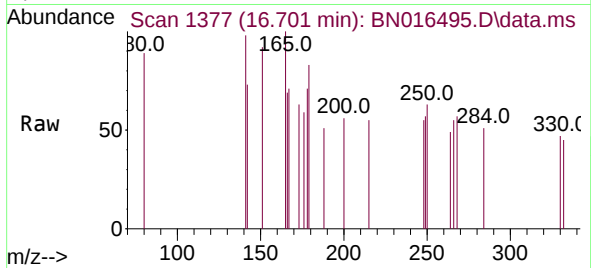




#24
Pentachlorophenol
Concen: 0.245 ng
RT: 16.701 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BN016495.D
Acq: 26 Sep 2021 04:27

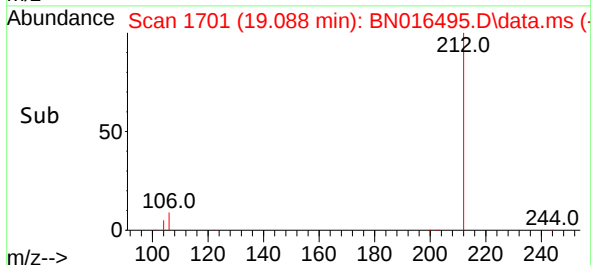
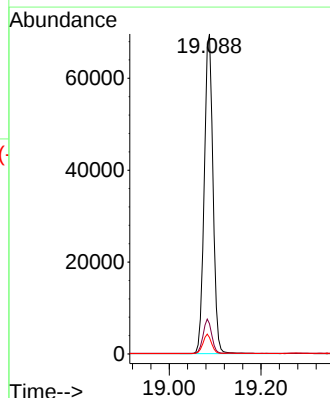
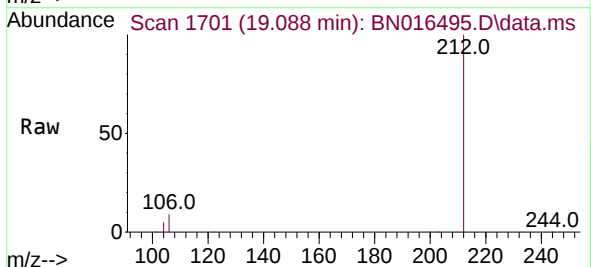
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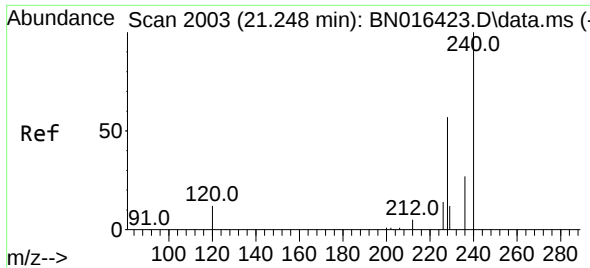
Tgt Ion:266 Resp: 15
Ion Ratio Lower Upper
266 100
264 0.0 50.6 75.8#
268 100.0 52.6 79.0#



#27
Fluoranthene-d10
Concen: 0.457 ng
RT: 19.088 min Scan# 1701
Delta R.T. -0.005 min
Lab File: BN016495.D
Acq: 26 Sep 2021 04:27

Tgt Ion:212 Resp: 91422
Ion Ratio Lower Upper
212 100
106 10.6 9.8 14.6
104 5.9 5.4 8.2

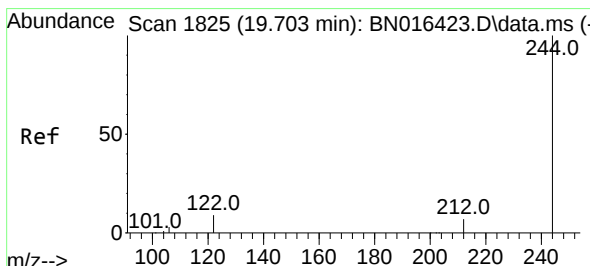
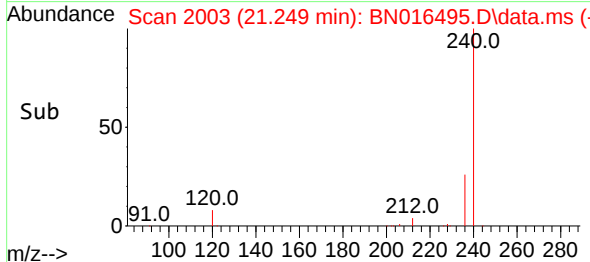
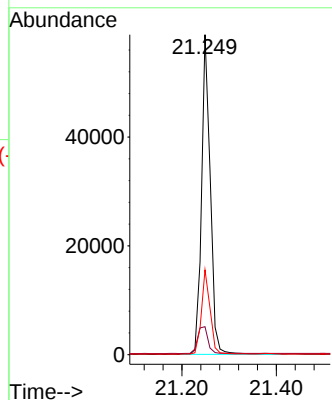
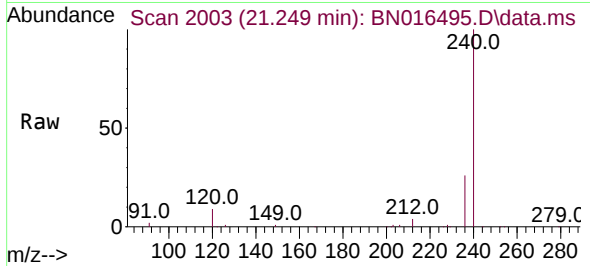




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.249 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BN016495.D
Acq: 26 Sep 2021 04:27

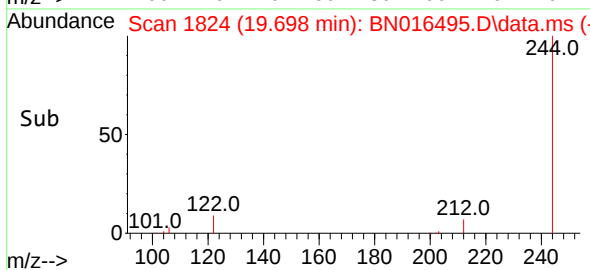
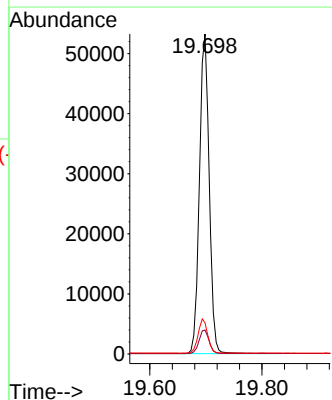
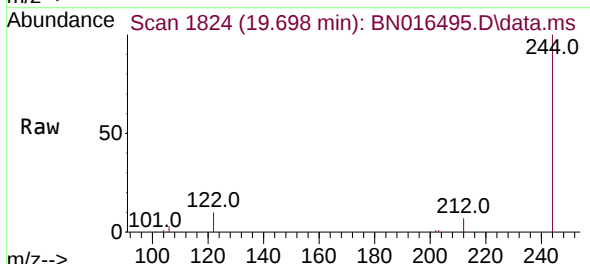
Instrument :
BNA_N
ClientSampleId :
SUP-UST-04-(6-8)

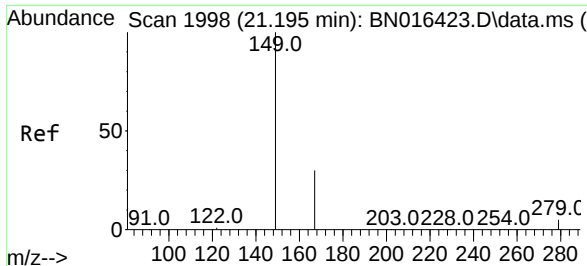
Tgt Ion:240 Resp: 75500
Ion Ratio Lower Upper
240 100
120 8.8 5.3 7.9#
236 26.5 19.8 29.8



#31
Terphenyl-d14
Concen: 0.366 ng
RT: 19.698 min Scan# 1824
Delta R.T. -0.005 min
Lab File: BN016495.D
Acq: 26 Sep 2021 04:27

Tgt Ion:244 Resp: 64256
Ion Ratio Lower Upper
244 100
212 7.5 5.5 8.3
122 9.8 9.0 13.4

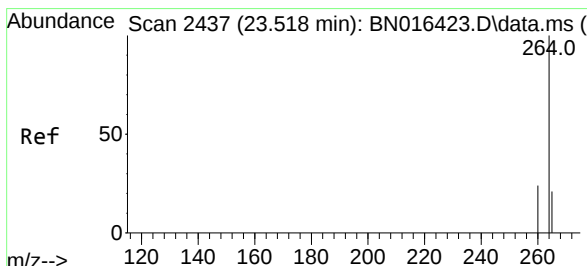
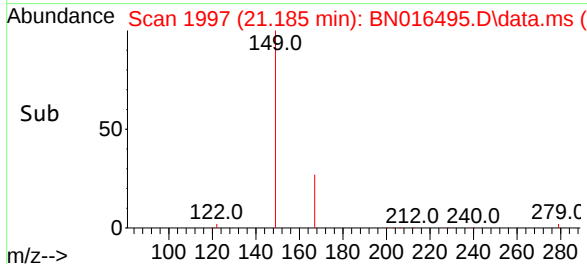
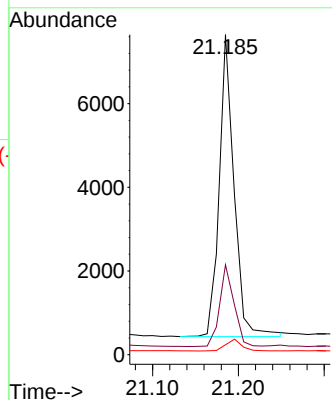
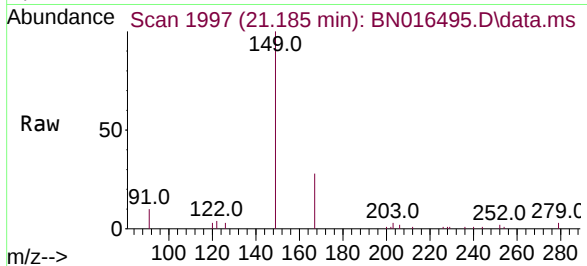




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.145 ng
 RT: 21.185 min Scan# 1997
 Delta R.T. -0.010 min
 Lab File: BN016495.D
 Acq: 26 Sep 2021 04:27

Instrument :
 BNA_N
 ClientSampleId :
 SUP-UST-04-(6-8)

Tgt Ion:	149	Resp:	8636
Ion Ratio	Lower	Upper	
149	100		
167	26.3	23.4	35.0
279	4.2	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: BN016495.D
 Acq: 26 Sep 2021 04:27

Tgt Ion:	264	Resp:	68349
Ion Ratio	Lower	Upper	
264	100		
260	24.6	18.9	28.3
265	23.5	23.7	35.5#

