

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100421\
 Data File : BN016748.D
 Acq On : 05 Oct 2021 17:35
 Operator : CG/JU
 Sample : M4040-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 06 00:58:37 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 04 17:52:33 2021
 Response via : Initial Calibration

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

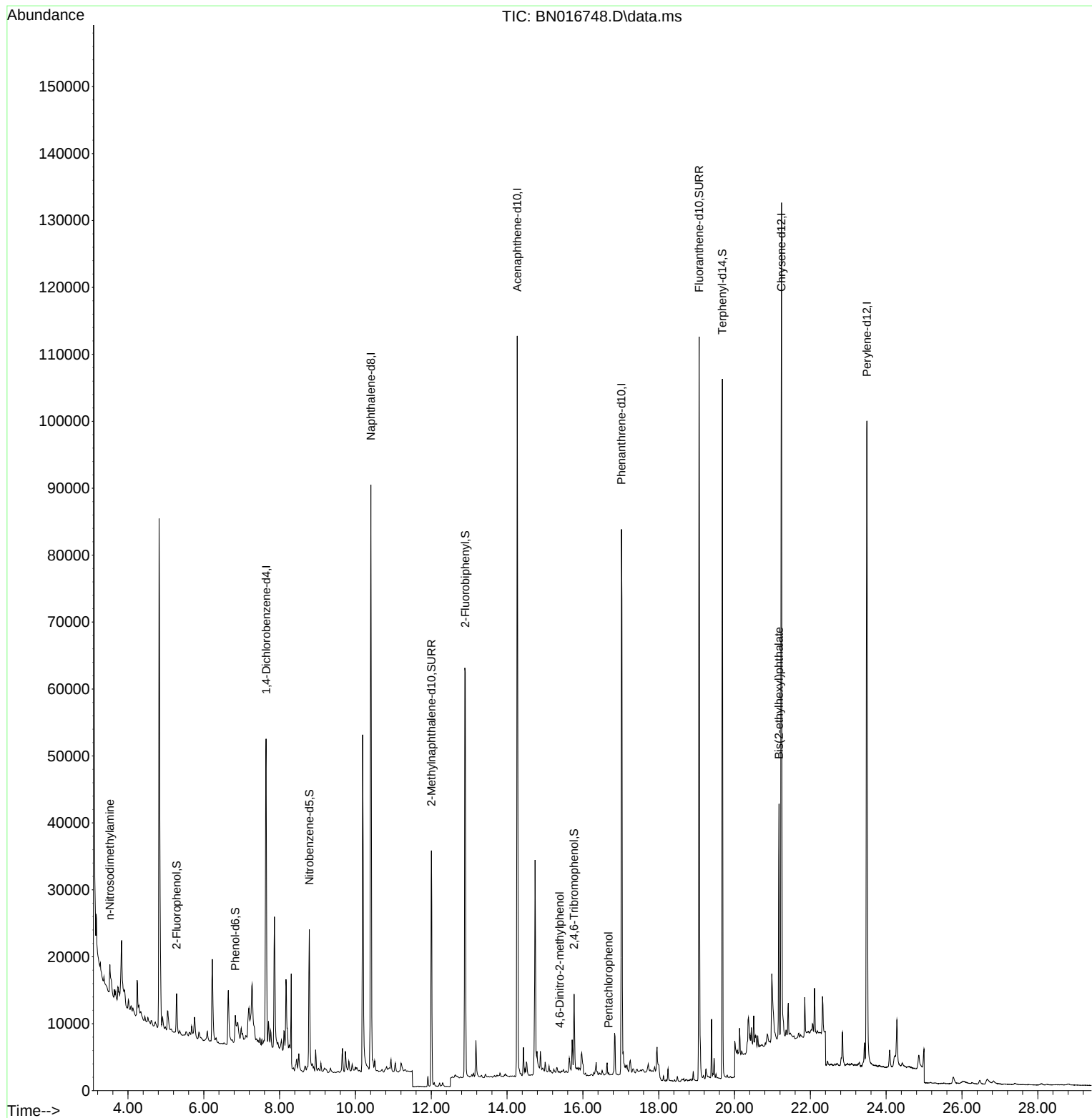
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	25069	0.400	ng	0.00
7) Naphthalene-d8	10.407	136	114750	0.400	ng	# 0.00
13) Acenaphthene-d10	14.269	164	61053	0.400	ng	0.00
19) Phenanthrene-d10	17.018	188	119887	0.400	ng	#-0.01
29) Chrysene-d12	21.238	240	121494	0.400	ng	0.00
35) Perylene-d12	23.491	264	131475	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.282	112	6089	0.095	ng	0.03
5) Phenol-d6	6.831	99	3886	0.055	ng	0.00
8) Nitrobenzene-d5	8.784	82	18949	0.236	ng	0.00
11) 2-Methylnaphthalene-d10	12.003	152	48347	0.283	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	9994	0.401	ng	-0.01
15) 2-Fluorobiphenyl	12.899	172	61990	0.254	ng	0.00
27) Fluoranthene-d10	19.068	212	127861	0.390	ng	0.00
31) Terphenyl-d14	19.679	244	103392	0.380	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.521	42	1462	0.077	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.385	198	18	0.268	ng	# 1
24) Pentachlorophenol	16.677	266	191	0.343	ng	92
34) Bis(2-ethylhexyl)phtha...	21.174	149	35400	0.155	ng	99

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

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QLast Update : Mon Oct 04 17:52:33 2021
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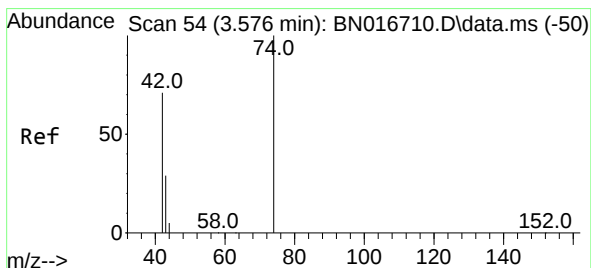
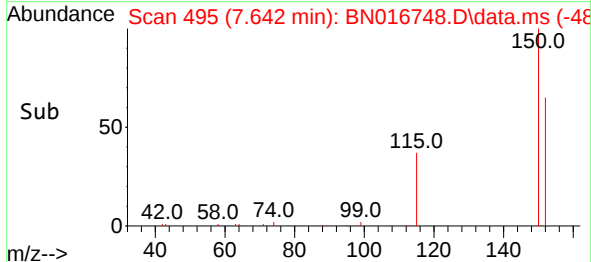
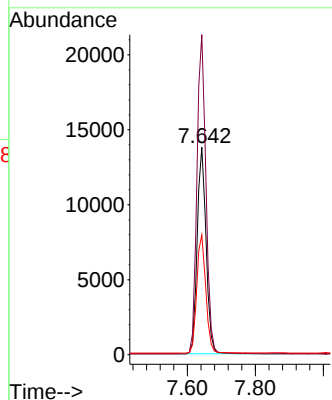
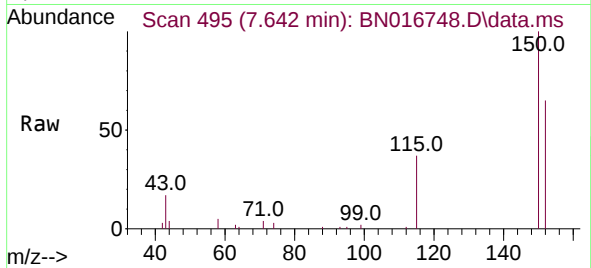




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.642 min Scan# 495
Delta R.T. 0.000 min
Lab File: BN016748.D
Acq: 05 Oct 2021 17:35

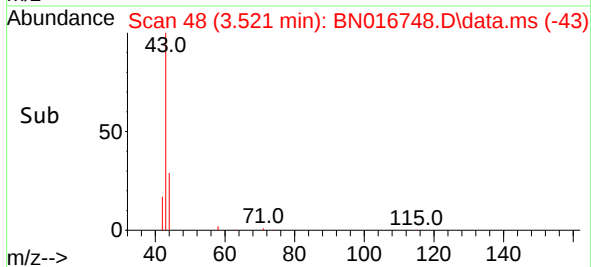
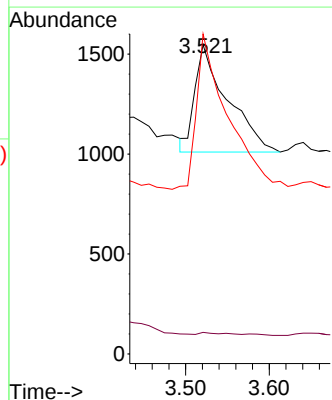
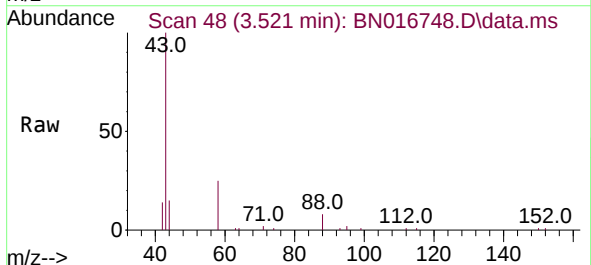
Instrument :
BNA_N
ClientSampled :

Tgt Ion:152 Resp: 25069
Ion Ratio Lower Upper
152 100
150 154.4 123.3 184.9
115 57.7 47.0 70.6



#3
n-Nitrosodimethylamine
Concen: 0.077 ng
RT: 3.521 min Scan# 48
Delta R.T. -0.055 min
Lab File: BN016748.D
Acq: 05 Oct 2021 17:35

Tgt Ion: 42 Resp: 1462
Ion Ratio Lower Upper
42 100
74 2.7 124.0 186.0#
44 130.5 5.6 8.4#

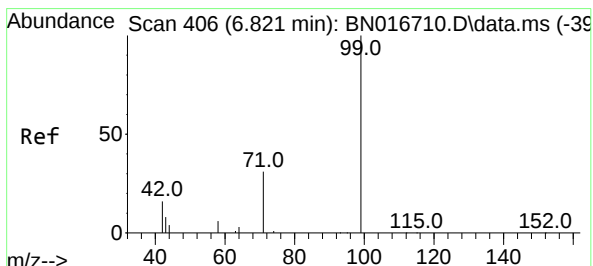
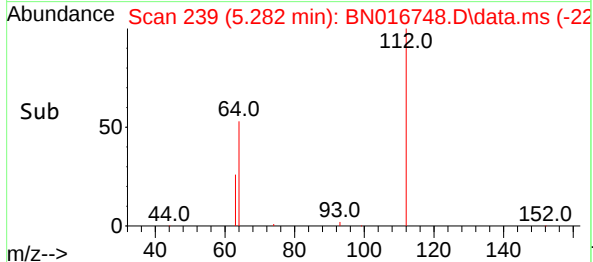
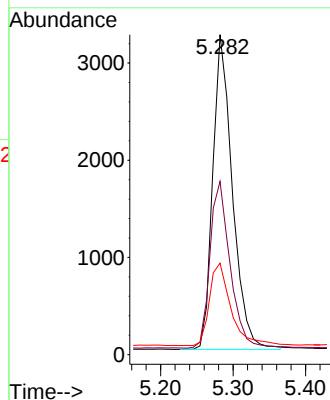
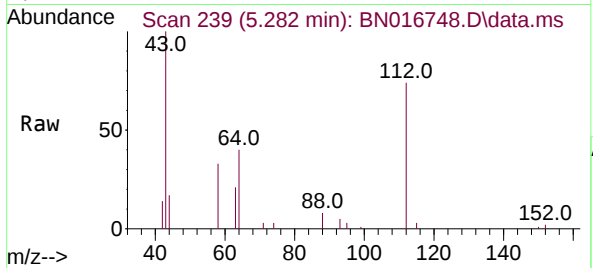




#4
2-Fluorophenol
Concen: 0.095 ng
RT: 5.282 min Scan# 239
Delta R.T. 0.028 min
Lab File: BN016748.D
Acq: 05 Oct 2021 17:35

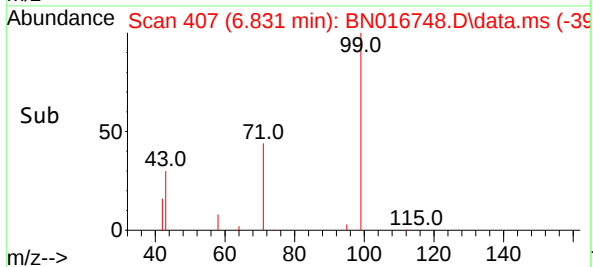
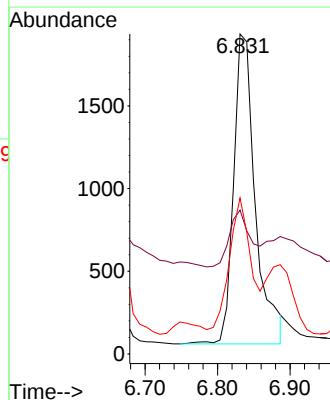
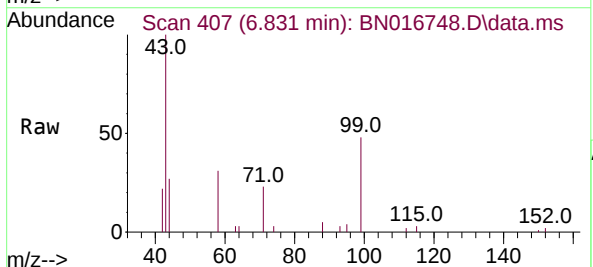
Instrument :
BNA_N
ClientSampled :

Tgt Ion:112 Resp: 6089
Ion Ratio Lower Upper
112 100
64 54.3 42.9 64.3
63 28.8 21.5 32.3



#5
Phenol-d6
Concen: 0.055 ng
RT: 6.831 min Scan# 407
Delta R.T. 0.010 min
Lab File: BN016748.D
Acq: 05 Oct 2021 17:35

Tgt Ion: 99 Resp: 3886
Ion Ratio Lower Upper
99 100
42 18.1 13.4 20.2
71 42.1 24.0 36.0#

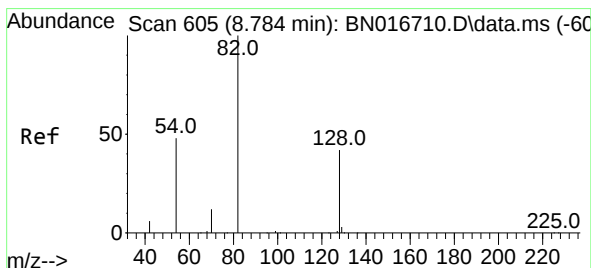
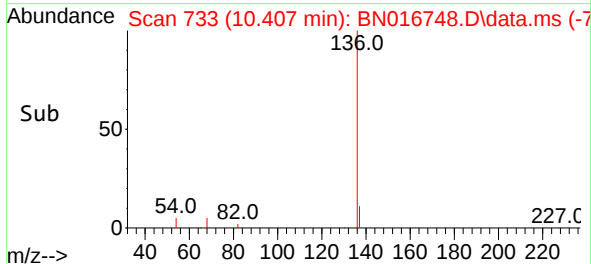
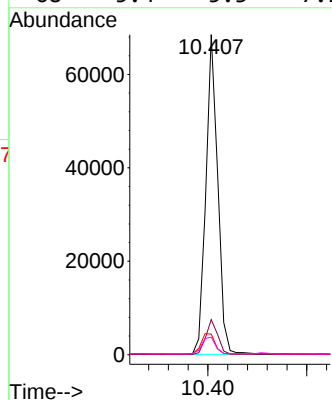
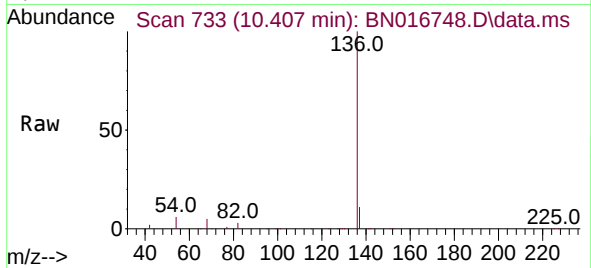




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.407 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016748.D
Acq: 05 Oct 2021 17:35

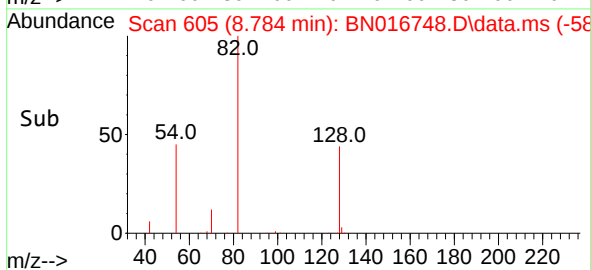
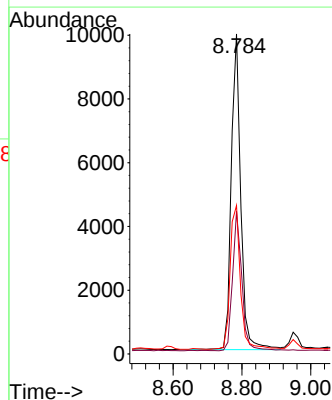
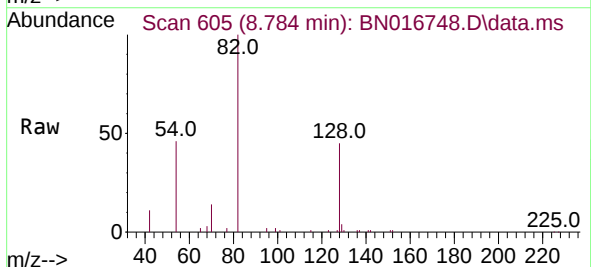
Instrument :
BNA_N
ClientSampled :

Tgt Ion:136	Resp:	114750
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.9 13.3
54	6.5	6.5 9.7#
68	5.4	5.3 7.9



#8
Nitrobenzene-d5
Concen: 0.236 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016748.D
Acq: 05 Oct 2021 17:35

Tgt Ion: 82	Resp:	18949
Ion Ratio	Lower	Upper
82	100	
128	44.6	33.8 50.6
54	46.4	38.5 57.7

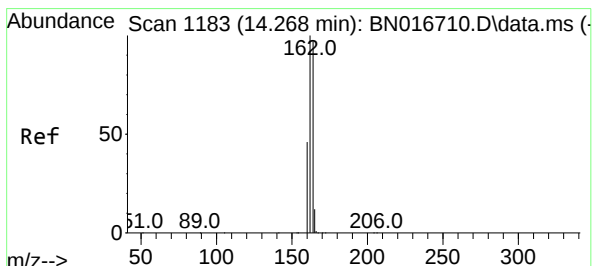
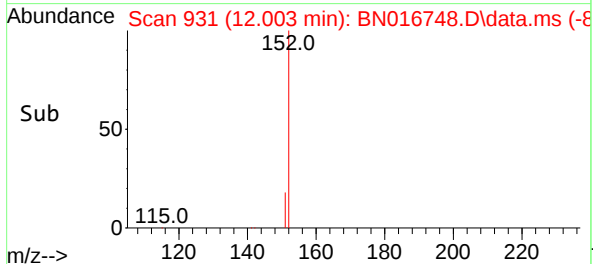
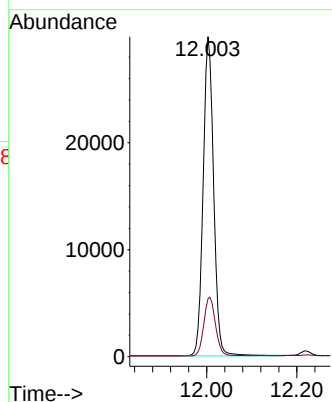
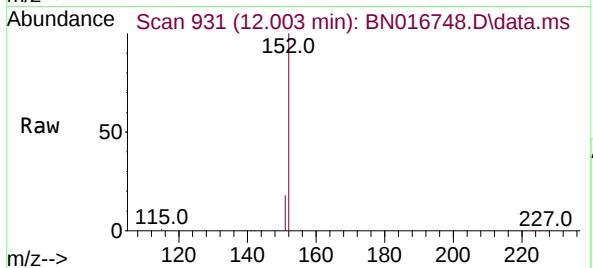




#11
2-Methylnaphthalene-d10
Concen: 0.283 ng
RT: 12.003 min Scan# 931
Delta R.T. -0.004 min
Lab File: BN016748.D
Acq: 05 Oct 2021 17:35

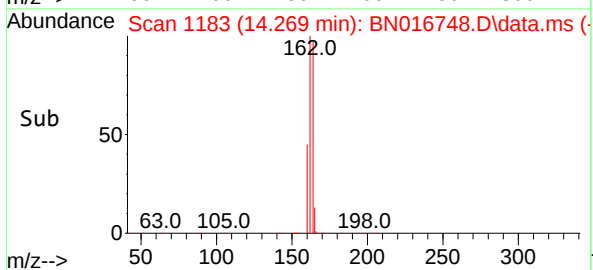
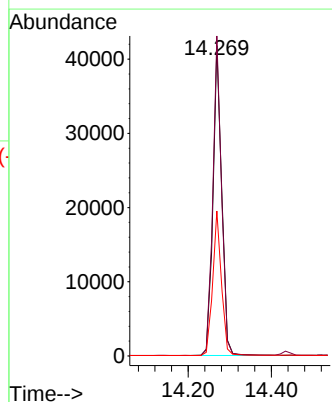
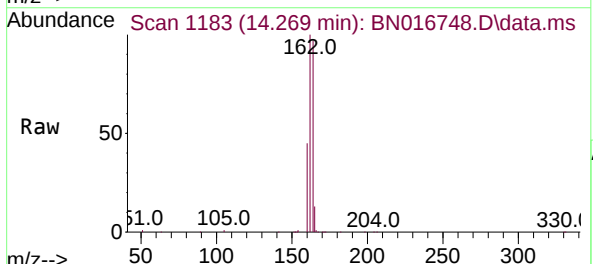
Instrument :
BNA_N
ClientSampled :

Tgt Ion:152 Resp: 48347
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016748.D
Acq: 05 Oct 2021 17:35

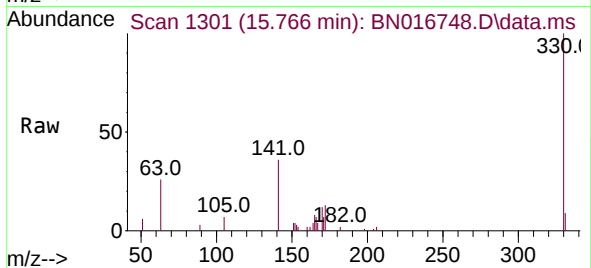
Tgt Ion:164 Resp: 61053
Ion Ratio Lower Upper
164 100
162 103.1 82.6 124.0
160 46.7 38.2 57.2



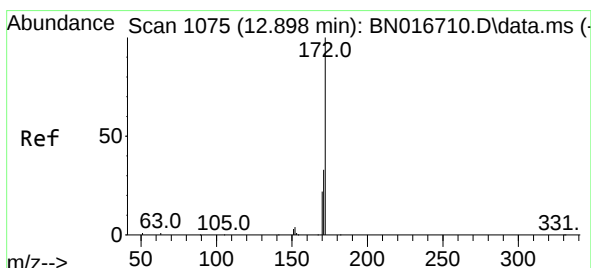
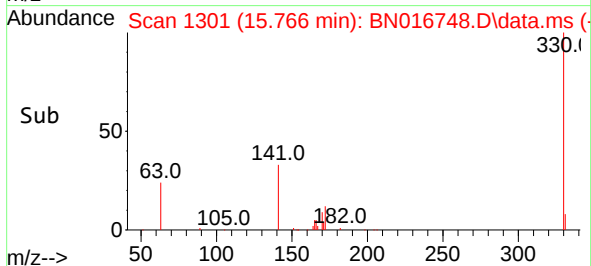
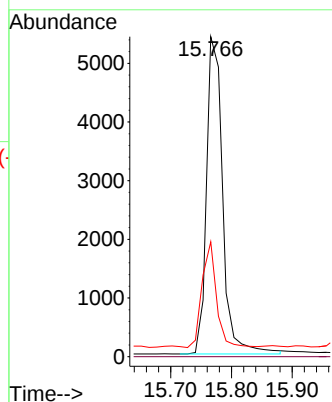


#14
2,4,6-Tribromophenol
Concen: 0.401 ng
RT: 15.766 min Scan# 1301
Delta R.T. -0.012 min
Lab File: BN016748.D
Acq: 05 Oct 2021 17:35

Instrument :
BNA_N
ClientSampleId :

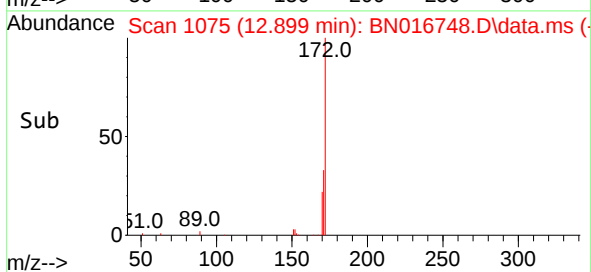
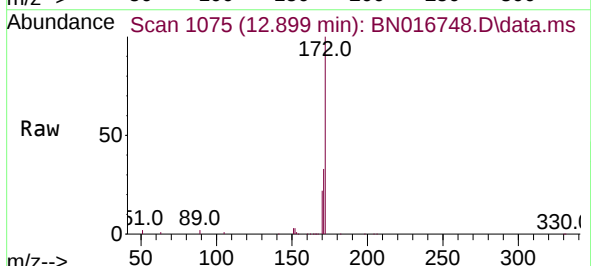
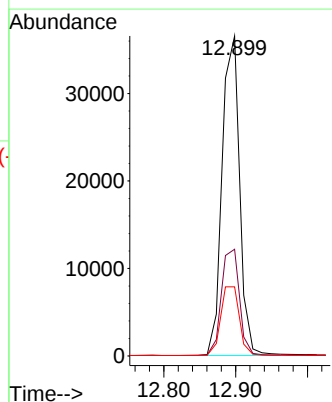


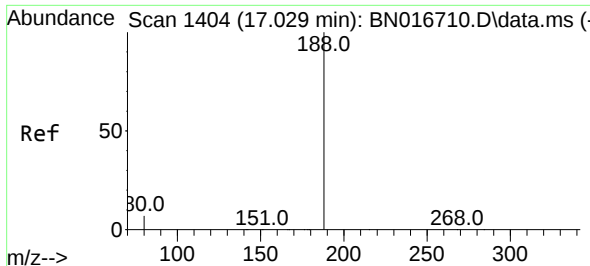
Tgt Ion:330 Resp: 9994
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 28.7 24.2 36.2



#15
2-Fluorobiphenyl
Concen: 0.254 ng
RT: 12.899 min Scan# 1075
Delta R.T. 0.001 min
Lab File: BN016748.D
Acq: 05 Oct 2021 17:35

Tgt Ion:172 Resp: 61990
Ion Ratio Lower Upper
172 100
171 33.4 26.9 40.3
170 21.6 17.4 26.0

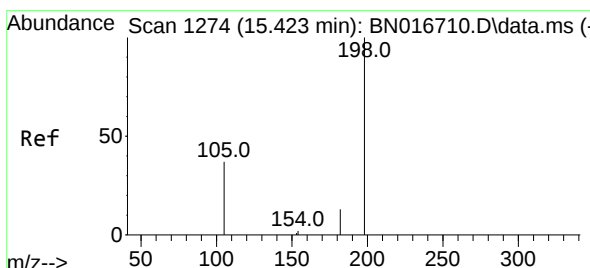
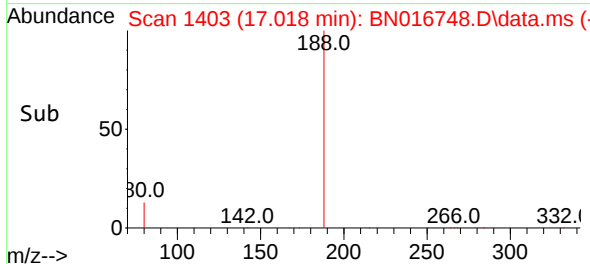
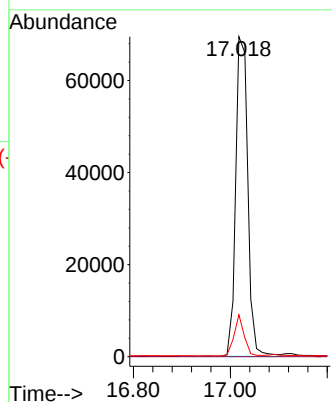
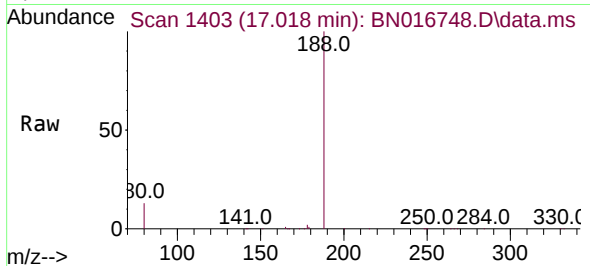




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.018 min Scan# 1403
Delta R.T. -0.012 min
Lab File: BN016748.D
Acq: 05 Oct 2021 17:35

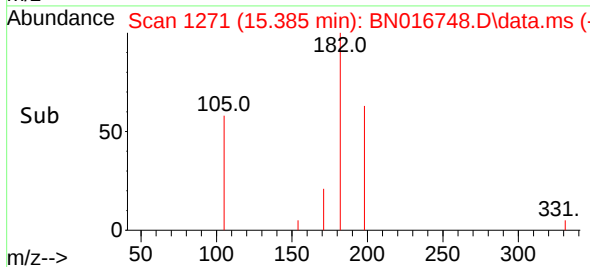
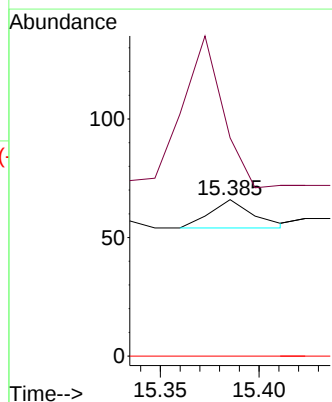
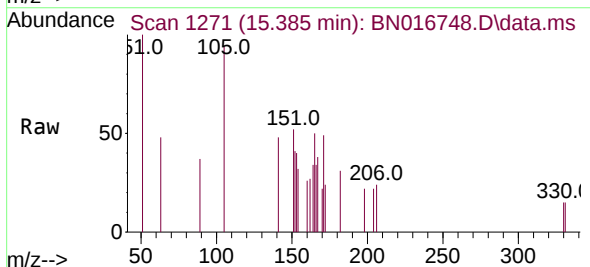
Instrument :
BNA_N
ClientSampleId :

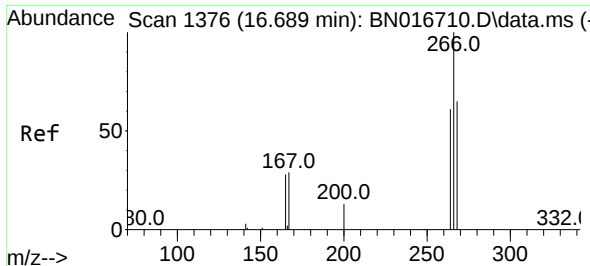
Tgt Ion:188 Resp: 119887
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.1 5.8 8.8#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.268 ng
RT: 15.385 min Scan# 1271
Delta R.T. -0.038 min
Lab File: BN016748.D
Acq: 05 Oct 2021 17:35

Tgt Ion:198 Resp: 18
Ion Ratio Lower Upper
198 100
182 139.4 26.2 39.2#
77 0.0 0.0 0.0

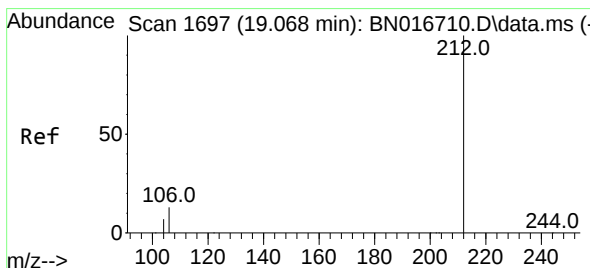
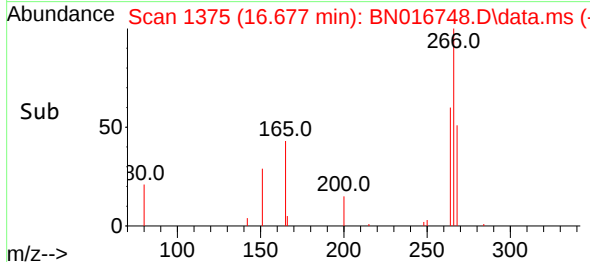
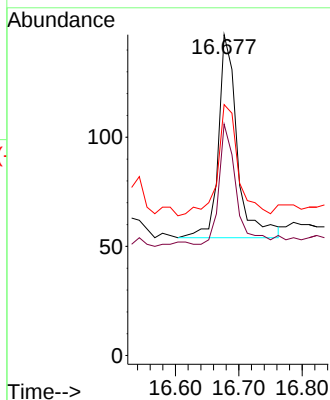
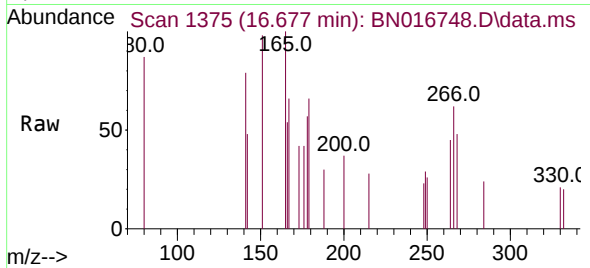




#24
 Pentachlorophenol
 Concen: 0.343 ng
 RT: 16.677 min Scan# 1375
 Delta R.T. -0.012 min
 Lab File: BN016748.D
 Acq: 05 Oct 2021 17:35

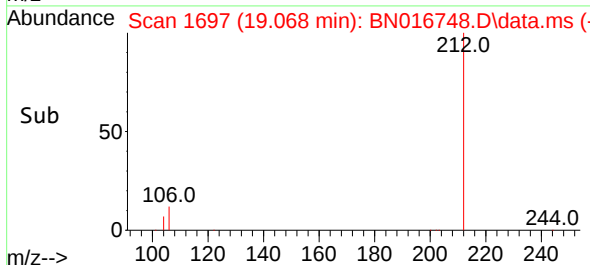
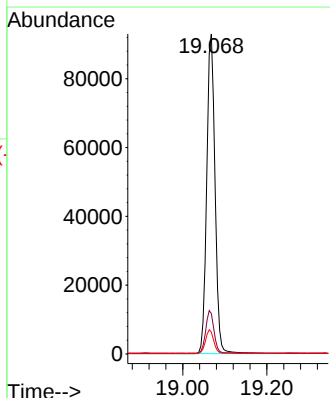
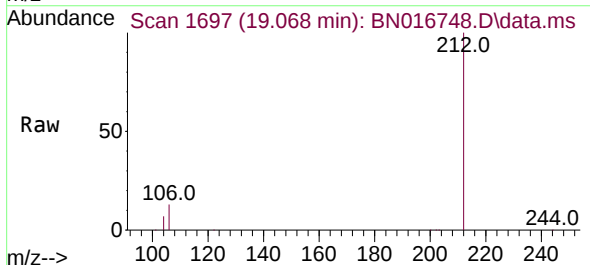
Instrument :
 BNA_N
 ClientSampled :

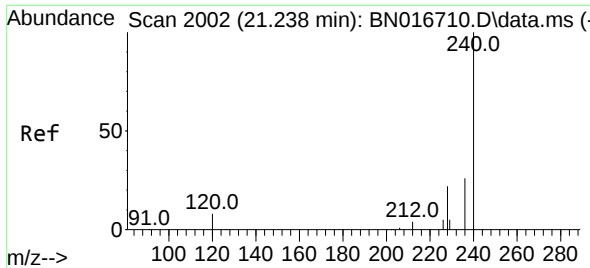
Tgt Ion:	266	Resp:	191
Ion	Ratio	Lower	Upper
266	100		
264	53.4	49.3	73.9
268	60.2	51.8	77.8



#27
 Fluoranthene-d10
 Concen: 0.390 ng
 RT: 19.068 min Scan# 1697
 Delta R.T. 0.000 min
 Lab File: BN016748.D
 Acq: 05 Oct 2021 17:35

Tgt Ion:	212	Resp:	127861
Ion	Ratio	Lower	Upper
212	100		
106	13.4	10.6	16.0
104	7.2	5.8	8.8

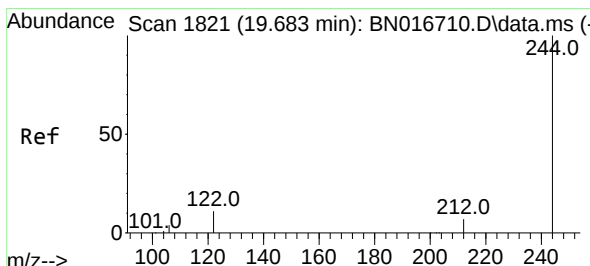
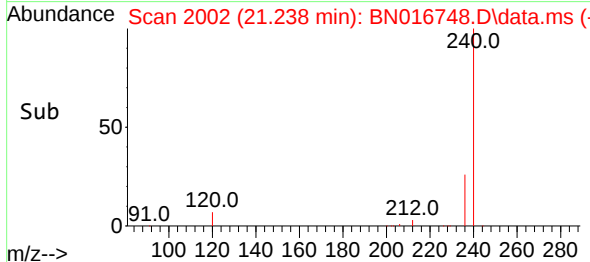
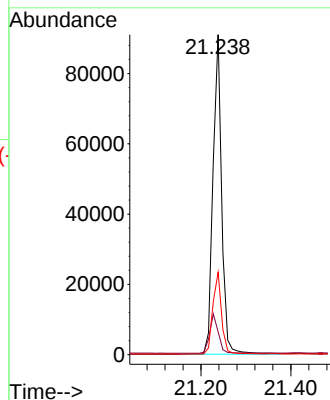
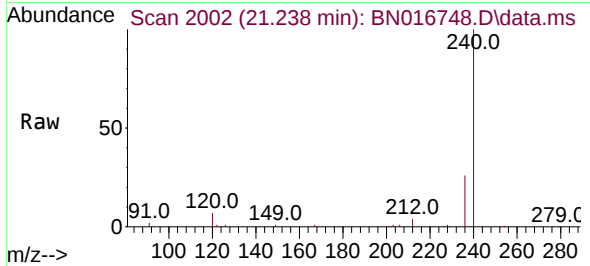




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.238 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN016748.D
Acq: 05 Oct 2021 17:35

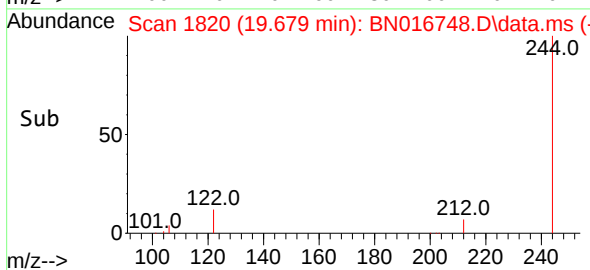
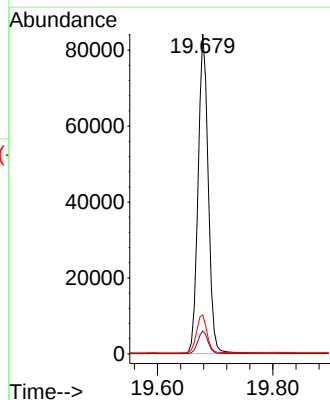
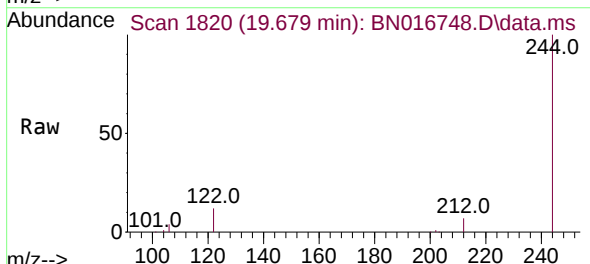
Instrument :
BNA_N
ClientSampled :

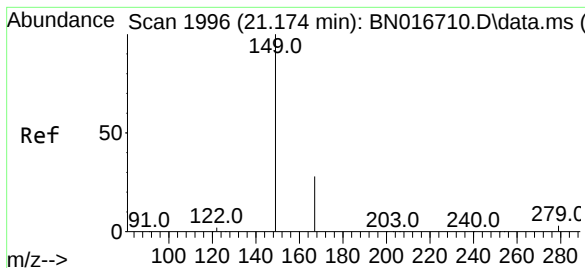
Tgt Ion:240 Resp: 121494
Ion Ratio Lower Upper
240 100
120 7.2 6.6 10.0
236 25.7 20.7 31.1



#31
Terphenyl-d14
Concen: 0.380 ng
RT: 19.679 min Scan# 1820
Delta R.T. -0.005 min
Lab File: BN016748.D
Acq: 05 Oct 2021 17:35

Tgt Ion:244 Resp: 103392
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 12.2 8.9 13.3

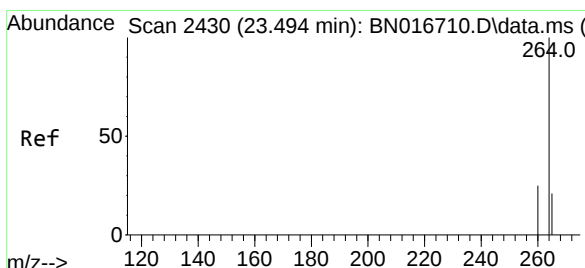
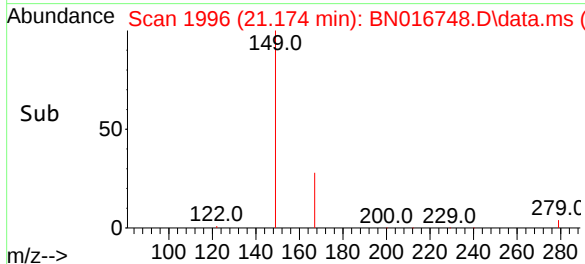
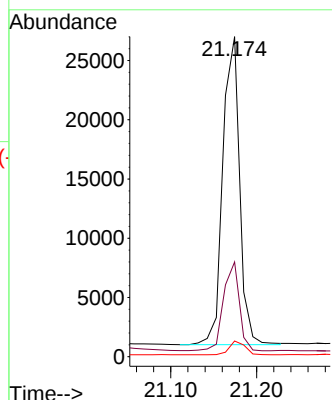
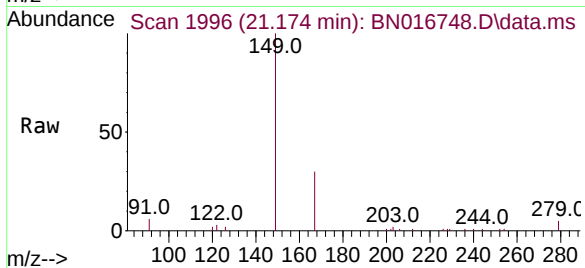




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.155 ng
RT: 21.174 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BN016748.D
Acq: 05 Oct 2021 17:35

Instrument :
BNA_N
ClientSampled :

Tgt Ion:149 Resp: 35400
Ion Ratio Lower Upper
149 100
167 27.1 22.2 33.4
279 4.2 3.4 5.2



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.491 min Scan# 2429
Delta R.T. -0.003 min
Lab File: BN016748.D
Acq: 05 Oct 2021 17:35

Tgt Ion:264 Resp: 131475
Ion Ratio Lower Upper
264 100
260 24.5 19.8 29.6
265 23.2 20.3 30.5

