

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100421\
 Data File : BN016751.D
 Acq On : 05 Oct 2021 19:24
 Operator : CG/JU
 Sample : M3920-17
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EB-01-092321

Quant Time: Oct 06 00:58:59 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)

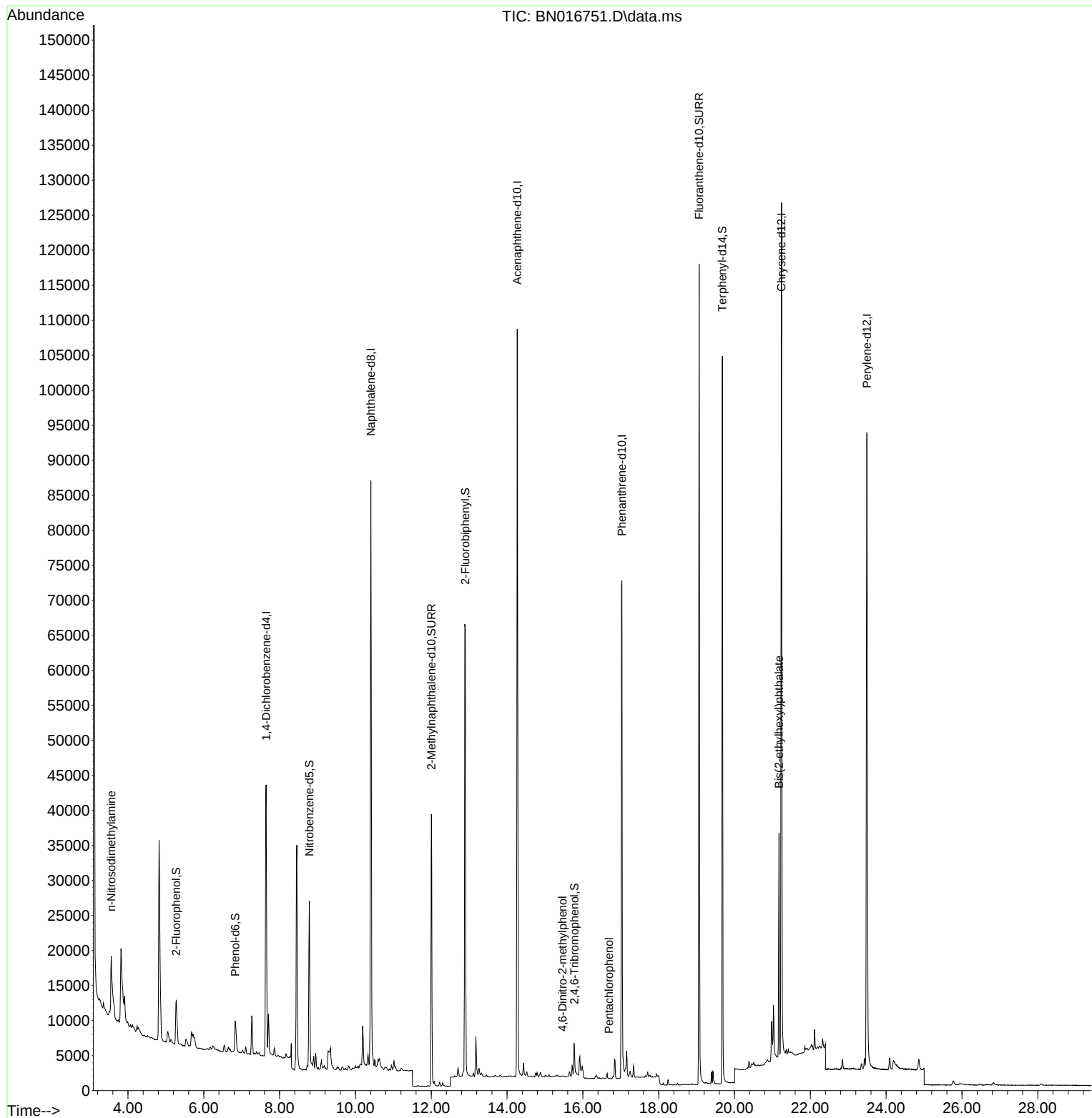
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	24513	0.400	ng	0.00
7) Naphthalene-d8	10.406	136	111640	0.400	ng	0.00
13) Acenaphthene-d10	14.269	164	60135	0.400	ng	0.00
19) Phenanthrene-d10	17.030	188	115074	0.400	ng	0.00
29) Chrysene-d12	21.238	240	117661	0.400	ng	0.00
35) Perylene-d12	23.491	264	124846	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.273	112	8515	0.136	ng	0.02
5) Phenol-d6	6.831	99	5190	0.075	ng	0.00
8) Nitrobenzene-d5	8.784	82	21882	0.280	ng	0.00
11) 2-Methylnaphthalene-d10	12.003	152	53703	0.323	ng	0.00
14) 2,4,6-Tribromophenol	15.778	330	4808	0.255	ng	0.00
15) 2-Fluorobiphenyl	12.898	172	67973	0.283	ng	0.00
27) Fluoranthene-d10	19.068	212	132320	0.420	ng	0.00
31) Terphenyl-d14	19.678	244	105011	0.399	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.557	42	1750	0.095	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.461	198	9	0.267	ng	# 1
24) Pentachlorophenol	16.689	266	38	0.339	ng	# 81
34) Bis(2-ethylhexyl)phtha...	21.174	149	28544	0.129	ng	100

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

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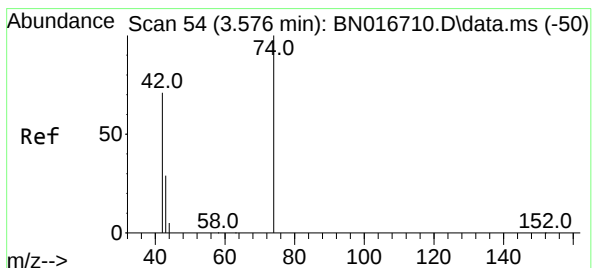
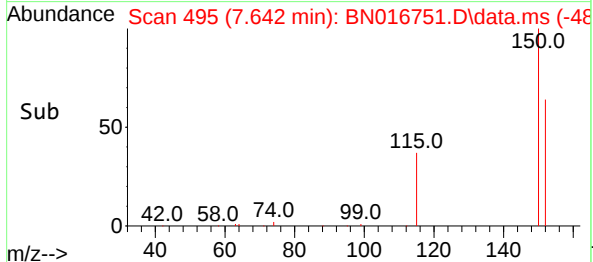
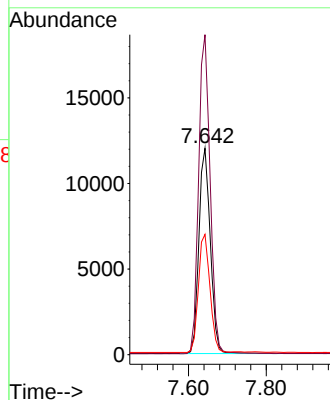
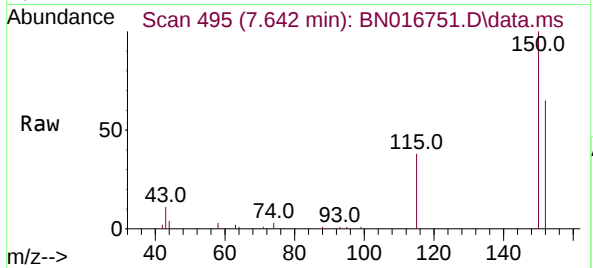




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.642 min Scan# 495
 Delta R.T. 0.000 min
 Lab File: BN016751.D
 Acq: 05 Oct 2021 19:24

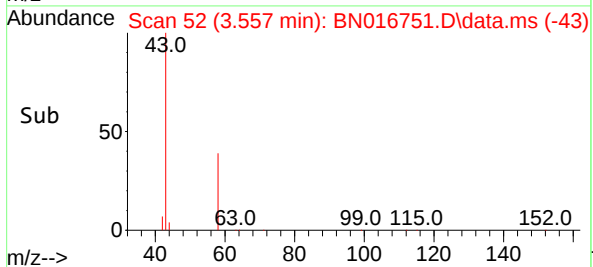
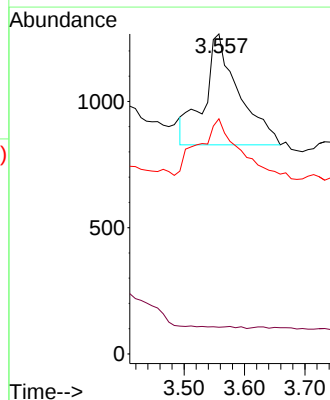
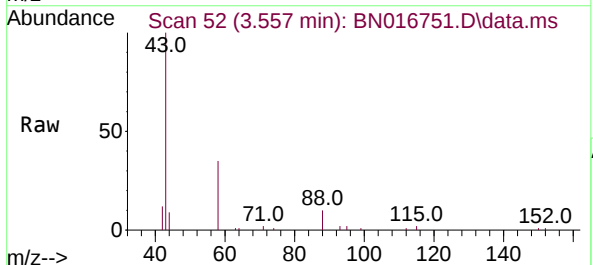
Instrument :
 BNA_N
 ClientSampleId :
 EB-01-092321

Tgt Ion:152 Resp: 24513
 Ion Ratio Lower Upper
 152 100
 150 155.0 123.3 184.9
 115 58.3 47.0 70.6



#3
 n-Nitrosodimethylamine
 Concen: 0.095 ng
 RT: 3.557 min Scan# 52
 Delta R.T. -0.018 min
 Lab File: BN016751.D
 Acq: 05 Oct 2021 19:24

Tgt Ion: 42 Resp: 1750
 Ion Ratio Lower Upper
 42 100
 74 0.0 124.0 186.0#
 44 53.3 5.6 8.4#

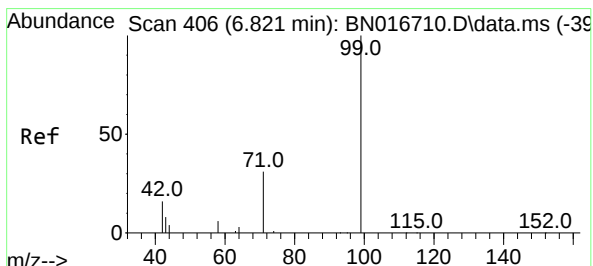
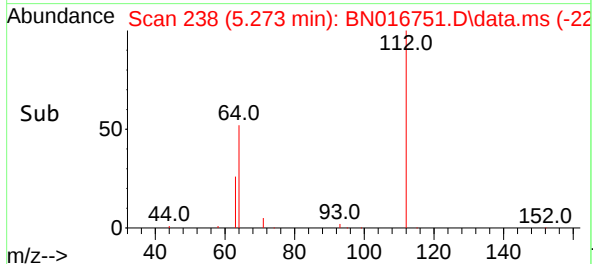
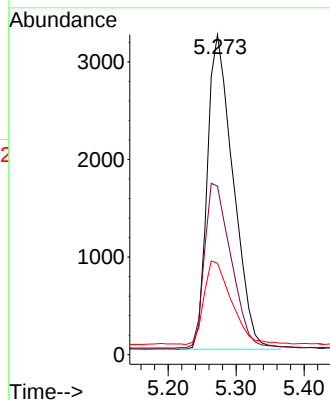
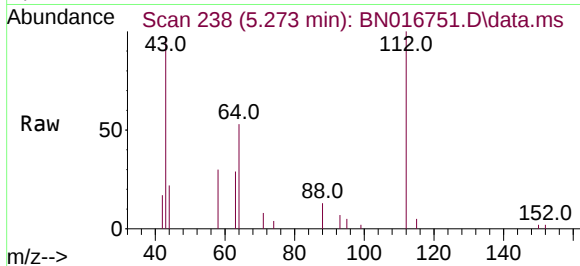




#4
2-Fluorophenol
Concen: 0.136 ng
RT: 5.273 min Scan# 238
Delta R.T. 0.019 min
Lab File: BN016751.D
Acq: 05 Oct 2021 19:24

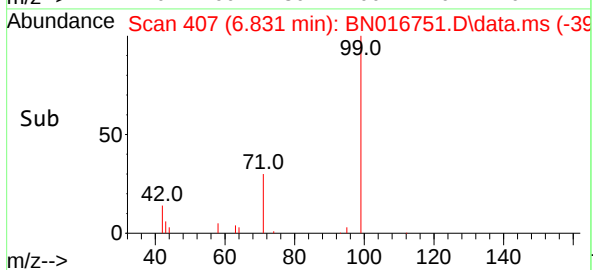
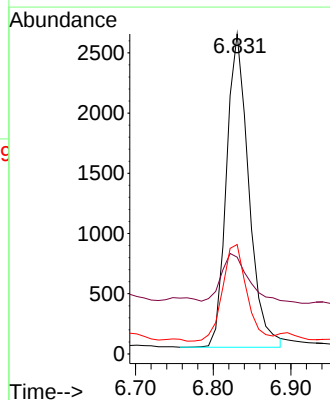
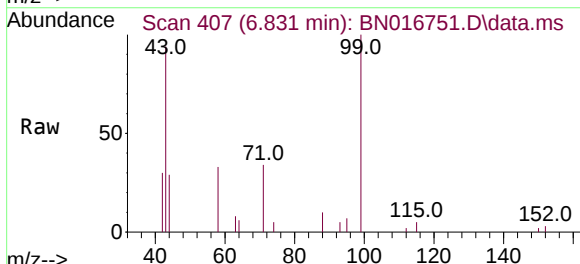
Instrument :
BNA_N
ClientSampleId :
EB-01-092321

Tgt Ion:	112	Resp:	8515
Ion	Ratio	Lower	Upper
112	100		
64	54.1	42.9	64.3
63	27.6	21.5	32.3



#5
Phenol-d6
Concen: 0.075 ng
RT: 6.831 min Scan# 407
Delta R.T. 0.009 min
Lab File: BN016751.D
Acq: 05 Oct 2021 19:24

Tgt Ion:	99	Resp:	5190
Ion	Ratio	Lower	Upper
99	100		
42	17.6	13.4	20.2
71	33.8	24.0	36.0

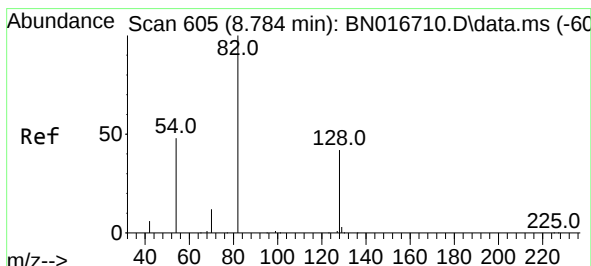
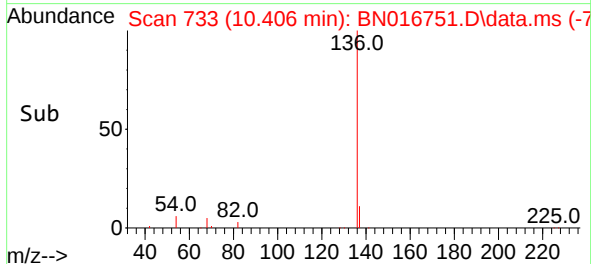
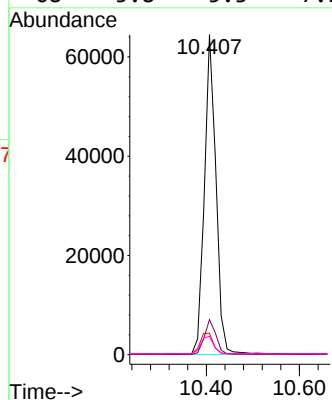
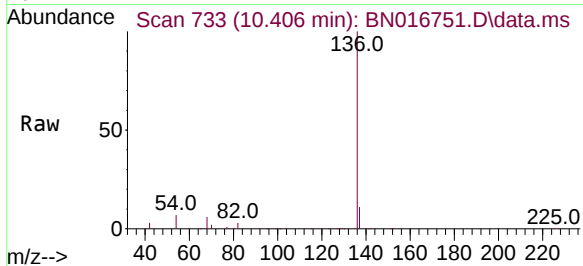




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.406 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016751.D
Acq: 05 Oct 2021 19:24

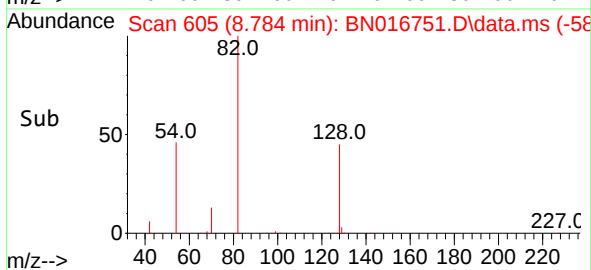
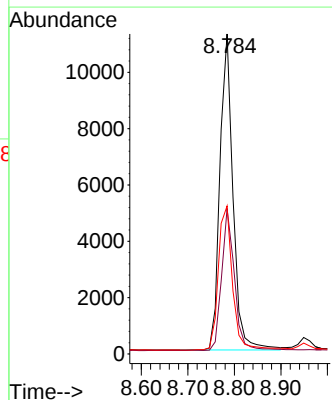
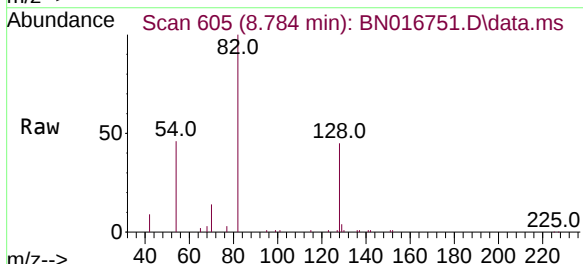
Instrument :
BNA_N
ClientSampleId :
EB-01-092321

Tgt Ion:136	Resp:	111640
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.9 13.3
54	6.7	6.5 9.7
68	5.8	5.3 7.9



#8
Nitrobenzene-d5
Concen: 0.280 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016751.D
Acq: 05 Oct 2021 19:24

Tgt Ion: 82	Resp:	21882
Ion Ratio	Lower	Upper
82	100	
128	45.4	33.8 50.6
54	46.2	38.5 57.7

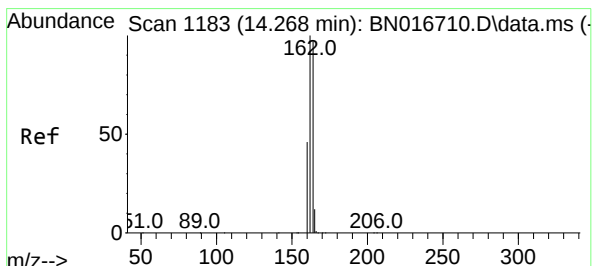
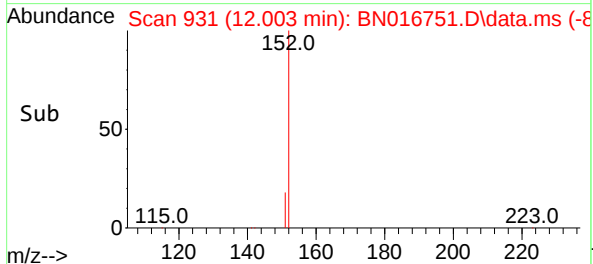
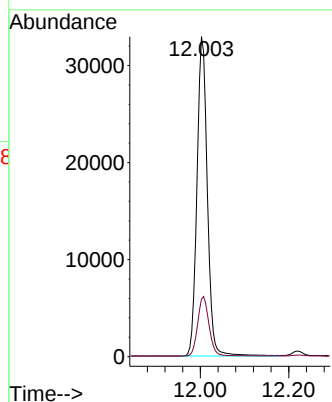
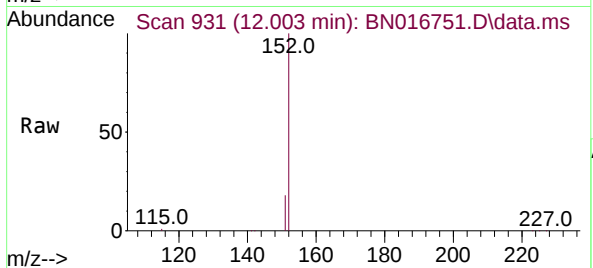




#11
2-Methylnaphthalene-d10
Concen: 0.323 ng
RT: 12.003 min Scan# 931
Delta R.T. -0.004 min
Lab File: BN016751.D
Acq: 05 Oct 2021 19:24

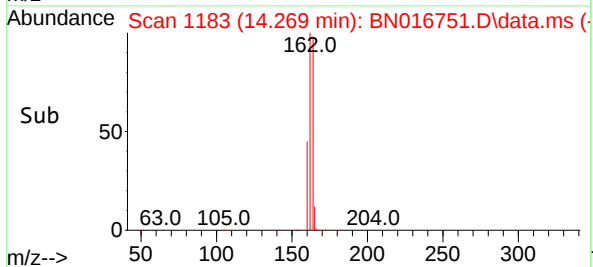
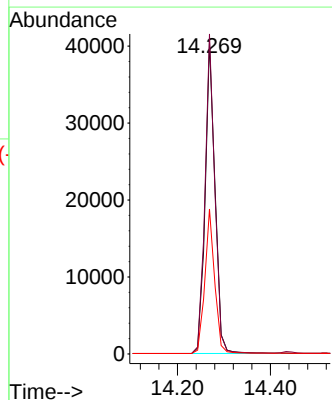
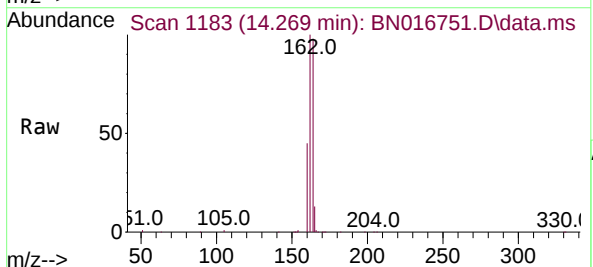
Instrument :
BNA_N
ClientSampleId :
EB-01-092321

Tgt Ion:152 Resp: 53703
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: BN016751.D
Acq: 05 Oct 2021 19:24

Tgt Ion:164 Resp: 60135
Ion Ratio Lower Upper
164 100
162 102.5 82.6 124.0
160 46.4 38.2 57.2

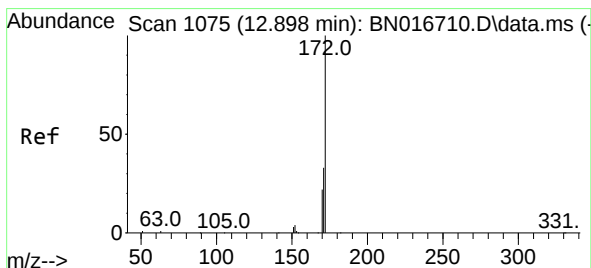
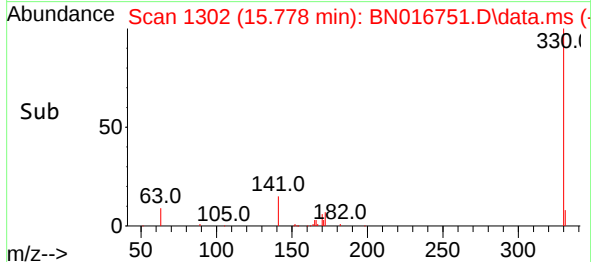
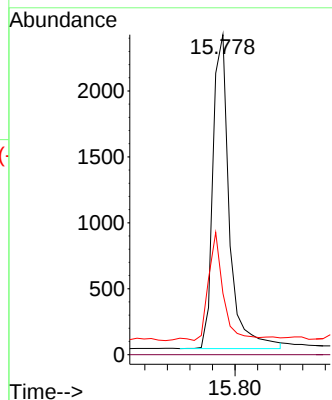
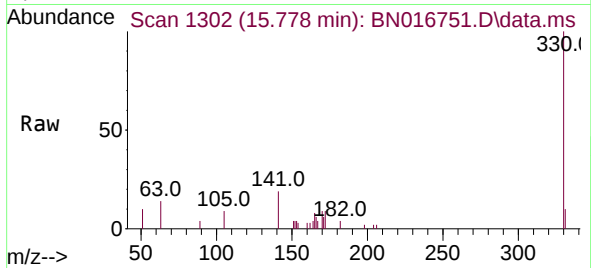




#14
2,4,6-Tribromophenol
Concen: 0.255 ng
RT: 15.778 min Scan# 1302
Delta R.T. 0.000 min
Lab File: BN016751.D
Acq: 05 Oct 2021 19:24

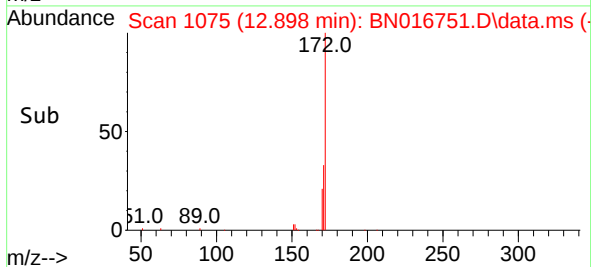
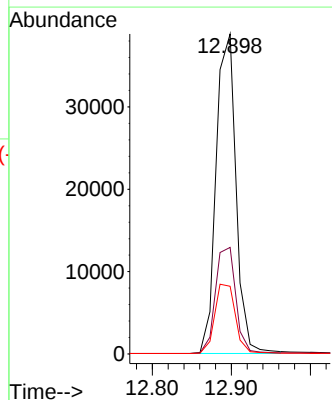
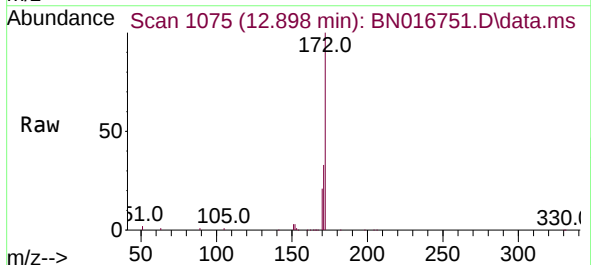
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ClientSampleId :
EB-01-092321

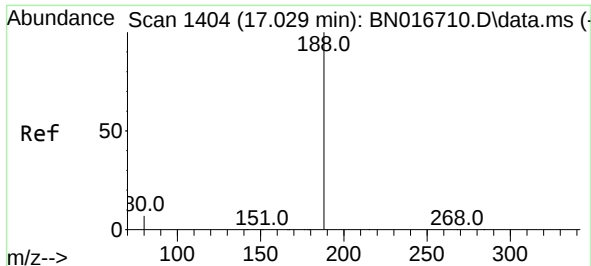
Tgt Ion:330 Resp: 4808
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 31.7 24.2 36.2



#15
2-Fluorobiphenyl
Concen: 0.283 ng
RT: 12.898 min Scan# 1075
Delta R.T. 0.000 min
Lab File: BN016751.D
Acq: 05 Oct 2021 19:24

Tgt Ion:172 Resp: 67973
Ion Ratio Lower Upper
172 100
171 33.3 26.9 40.3
170 21.2 17.4 26.0

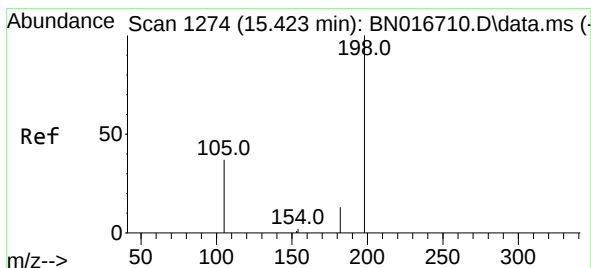
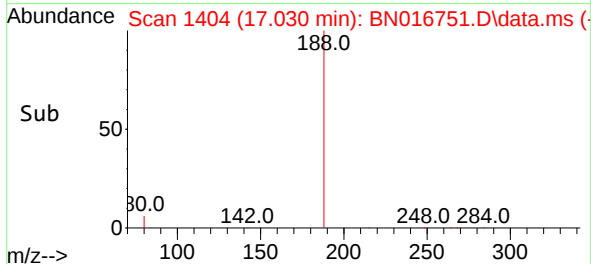
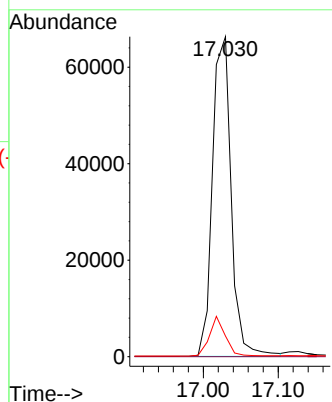
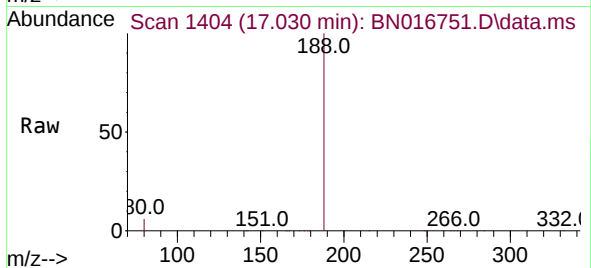




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.030 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BN016751.D
Acq: 05 Oct 2021 19:24

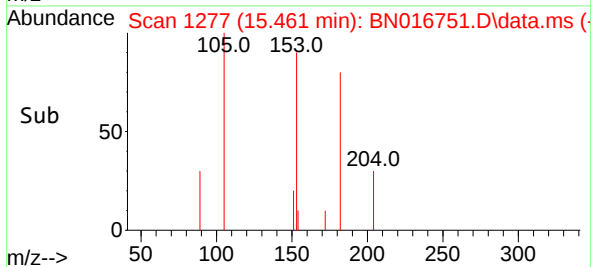
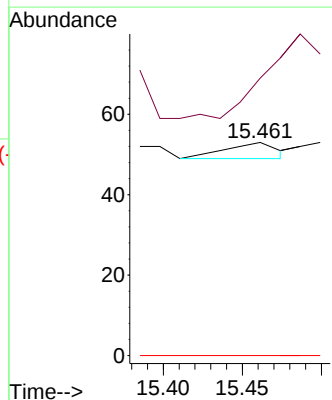
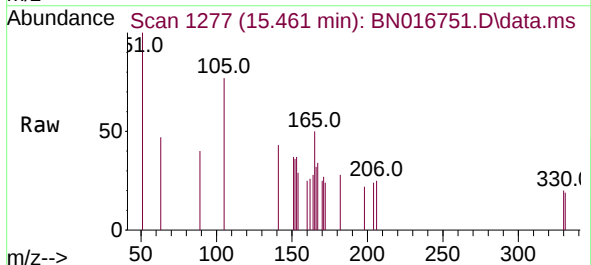
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BNA_N
ClientSampleId :
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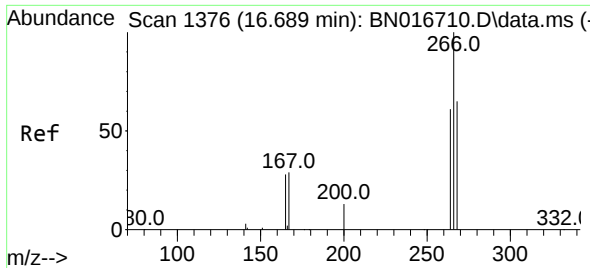
Tgt Ion:188 Resp: 115074
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.5 5.8 8.8



#20
4,6-Dinitro-2-methylphenol
Concen: 0.267 ng
RT: 15.461 min Scan# 1277
Delta R.T. 0.038 min
Lab File: BN016751.D
Acq: 05 Oct 2021 19:24

Tgt Ion:198 Resp: 9
Ion Ratio Lower Upper
198 100
182 130.2 26.2 39.2#
77 0.0 0.0 0.0

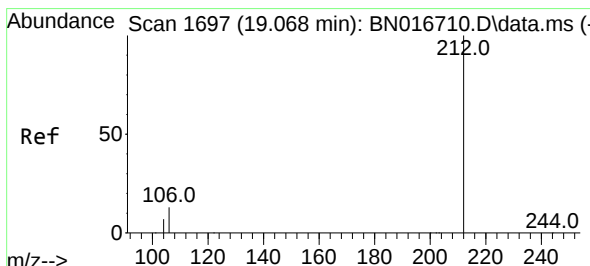
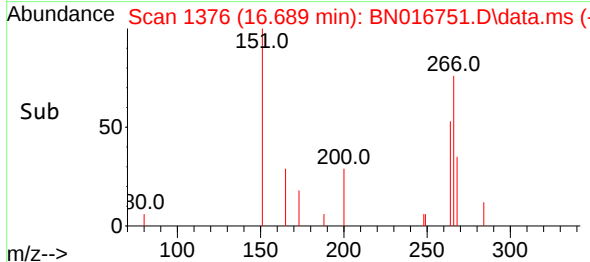
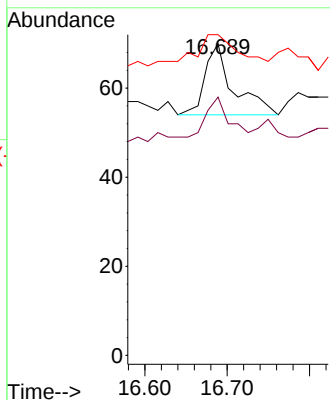
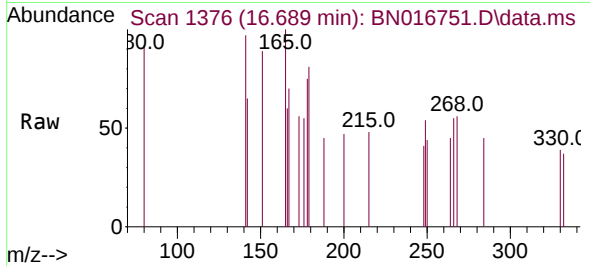




#24
 Pentachlorophenol
 Concen: 0.339 ng
 RT: 16.689 min Scan# 1376
 Delta R.T. -0.000 min
 Lab File: BN016751.D
 Acq: 05 Oct 2021 19:24

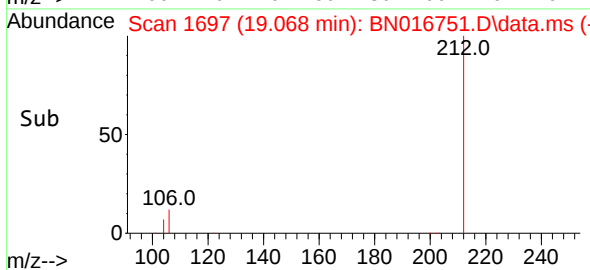
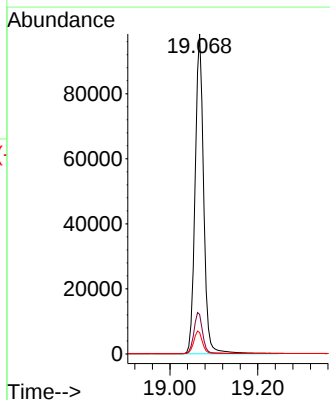
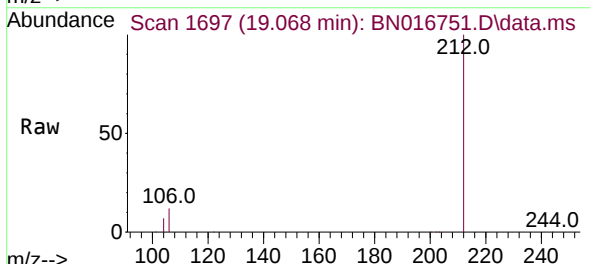
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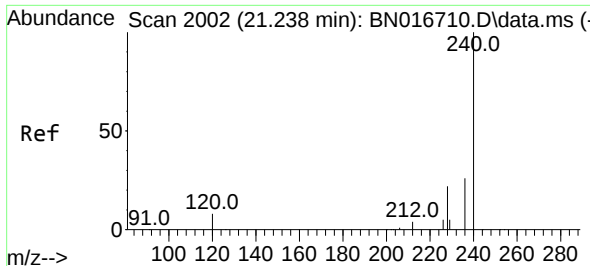
Tgt Ion:266 Resp: 38
 Ion Ratio Lower Upper
 266 100
 264 44.7 49.3 73.9#
 268 52.6 51.8 77.8



#27
 Fluoranthene-d10
 Concen: 0.420 ng
 RT: 19.068 min Scan# 1697
 Delta R.T. 0.000 min
 Lab File: BN016751.D
 Acq: 05 Oct 2021 19:24

Tgt Ion:212 Resp: 132320
 Ion Ratio Lower Upper
 212 100
 106 13.2 10.6 16.0
 104 7.2 5.8 8.8

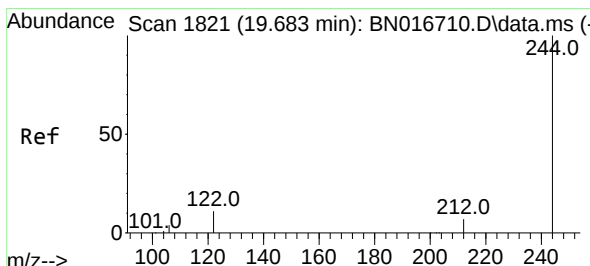
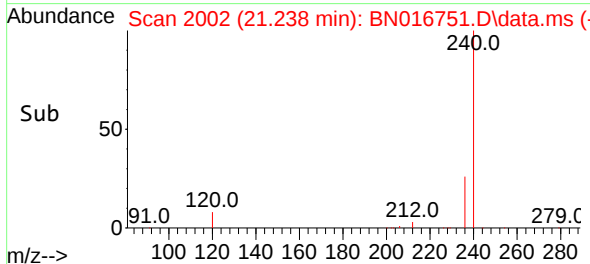
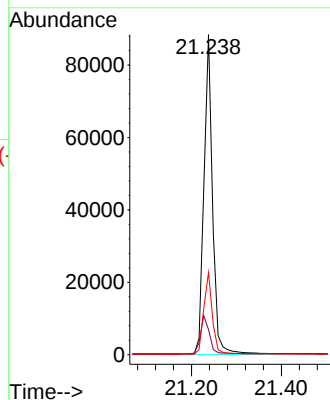
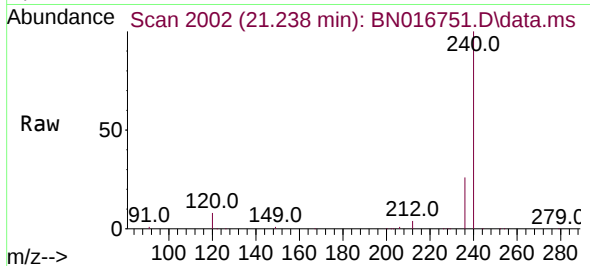




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.238 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN016751.D
Acq: 05 Oct 2021 19:24

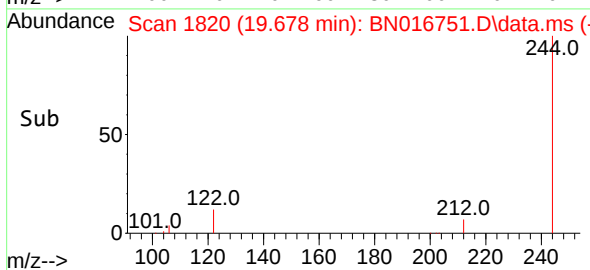
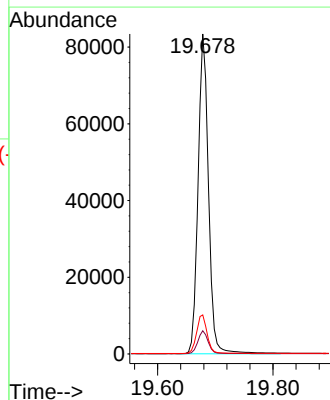
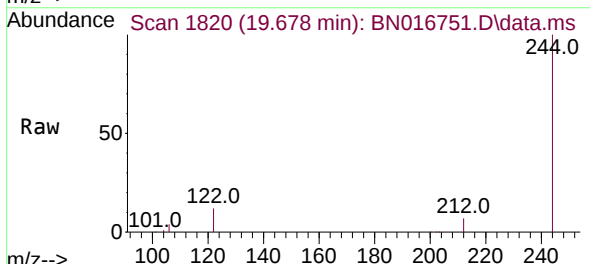
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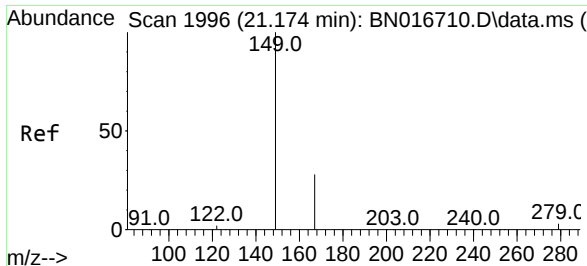
Tgt Ion:240 Resp: 117661
Ion Ratio Lower Upper
240 100
120 7.8 6.6 10.0
236 25.7 20.7 31.1



#31
Terphenyl-d14
Concen: 0.399 ng
RT: 19.678 min Scan# 1820
Delta R.T. -0.005 min
Lab File: BN016751.D
Acq: 05 Oct 2021 19:24

Tgt Ion:244 Resp: 105011
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.6
122 12.2 8.9 13.3

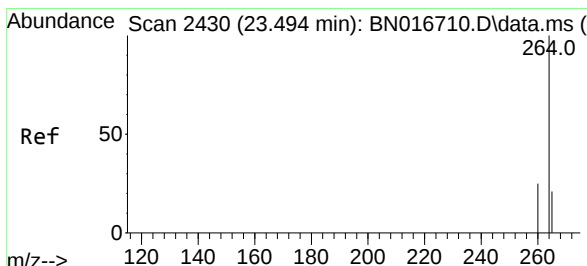
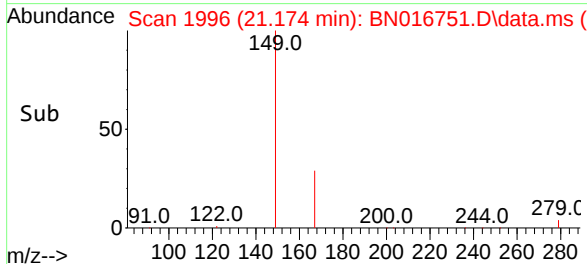
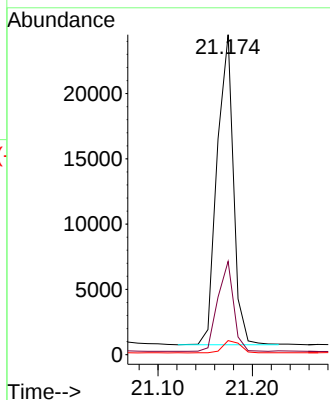
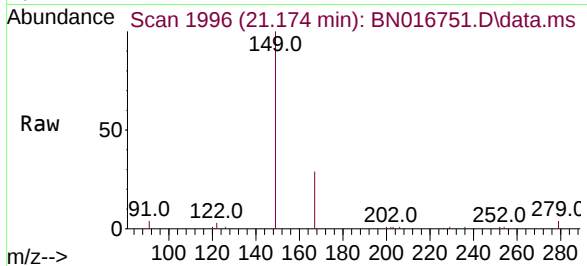




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.129 ng
 RT: 21.174 min Scan# 1996
 Delta R.T. 0.000 min
 Lab File: BN016751.D
 Acq: 05 Oct 2021 19:24

Instrument :
 BNA_N
 ClientSampleId :
 EB-01-092321

Tgt Ion:149 Resp: 28544
 Ion Ratio Lower Upper
 149 100
 167 28.0 22.2 33.4
 279 4.4 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: BN016751.D
 Acq: 05 Oct 2021 19:24

Tgt Ion:264 Resp: 124846
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.8 29.6
 265 23.3 20.3 30.5

