

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100421\
 Data File : BN016732.D
 Acq On : 05 Oct 2021 05:49
 Operator : CG/JU
 Sample : M3829-08DL 2X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE125D2-20210917DL

Quant Time: Oct 05 06:27:59 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)

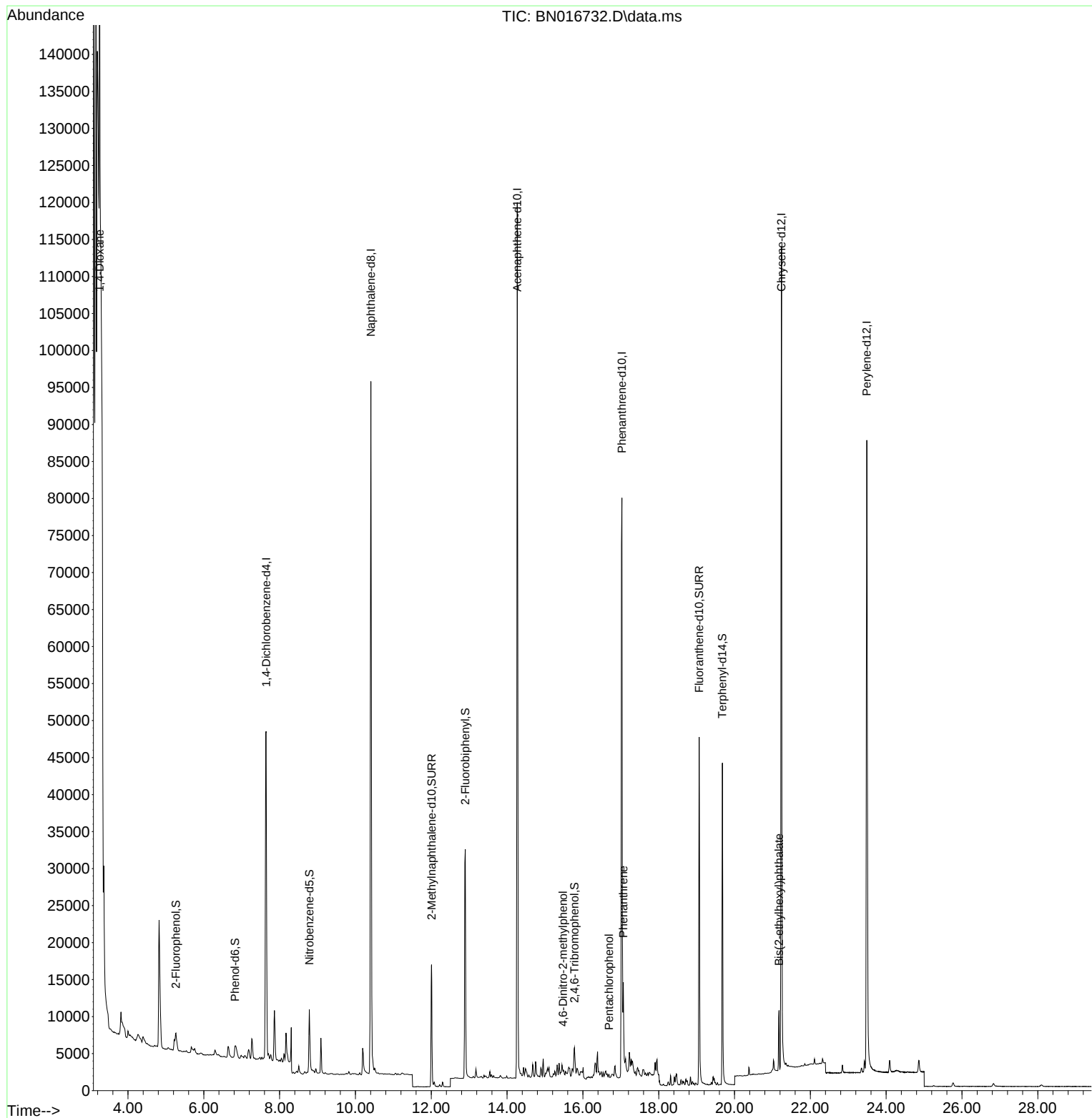
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	28433	0.400	ng	0.00
7) Naphthalene-d8	10.406	136	128121	0.400	ng	0.00
13) Acenaphthene-d10	14.268	164	67225	0.400	ng	0.00
19) Phenanthrene-d10	17.029	188	129038	0.400	ng	0.00
29) Chrysene-d12	21.238	240	117668	0.400	ng	# 0.00
35) Perylene-d12	23.488	264	121395	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.263	112	3134	0.043	ng	0.00
5) Phenol-d6	6.821	99	1794	0.022	ng	0.00
8) Nitrobenzene-d5	8.784	82	8683	0.097	ng	0.00
11) 2-Methylnaphthalene-d10	12.007	152	23941	0.125	ng	0.00
14) 2,4,6-Tribromophenol	15.778	330	3335	0.203	ng	0.00
15) 2-Fluorobiphenyl	12.898	172	32466	0.121	ng	0.00
27) Fluoranthene-d10	19.068	212	56835	0.161	ng	0.00
31) Terphenyl-d14	19.678	244	47853	0.182	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.253	88	41331	3.115	ng	# 69
20) 4,6-Dinitro-2-methylph...	15.474	198	14	0.267	ng	# 1
24) Pentachlorophenol	16.689	266	61	0.340	ng	97
25) Phenanthrene	17.066	178	11726	0.031	ng	# 93
34) Bis(2-ethylhexyl)phtha...	21.174	149	8366	0.038	ng	99

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

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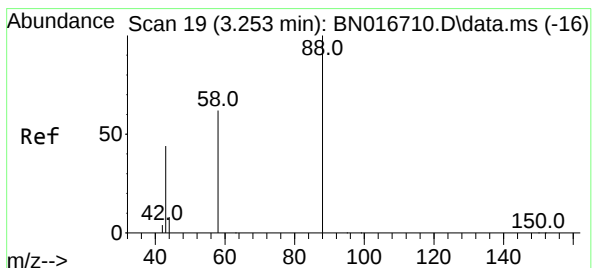
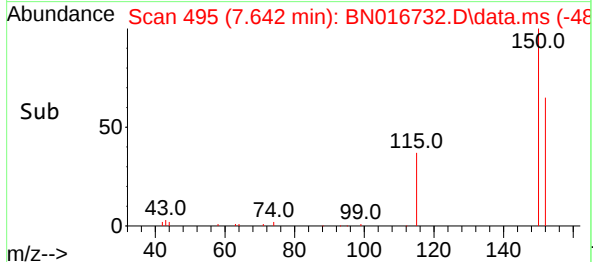
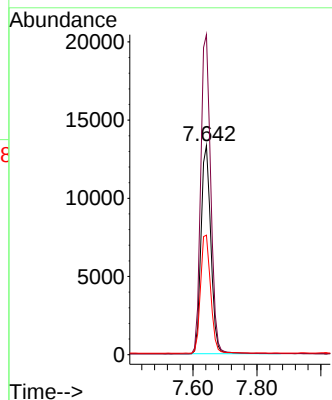
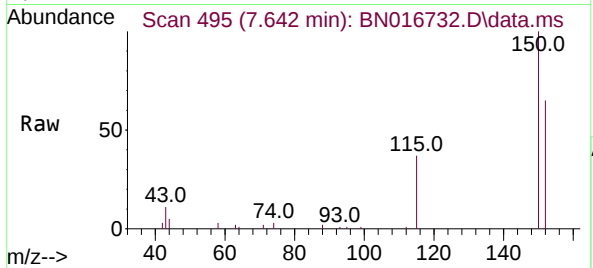




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.642 min Scan# 495
 Delta R.T. 0.000 min
 Lab File: BN016732.D
 Acq: 05 Oct 2021 05:49

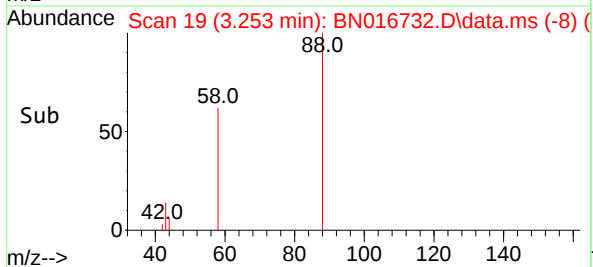
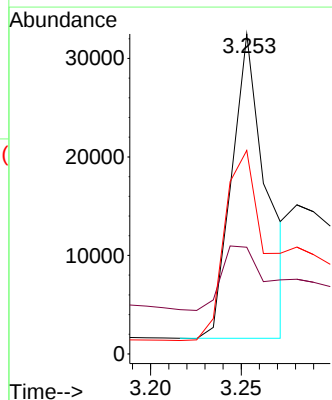
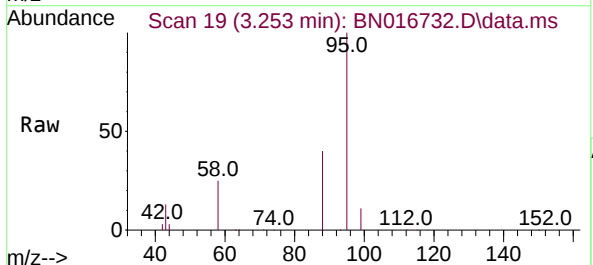
Instrument :
 BNA_N
 ClientSampleId :
 RE125D2-20210917DL

Tgt Ion:152 Resp: 28433
 Ion Ratio Lower Upper
 152 100
 150 153.1 123.3 184.9
 115 57.2 47.0 70.6



#2
 1,4-Dioxane
 Concen: 3.115 ng
 RT: 3.253 min Scan# 19
 Delta R.T. 0.000 min
 Lab File: BN016732.D
 Acq: 05 Oct 2021 05:49

Tgt Ion: 88 Resp: 41331
 Ion Ratio Lower Upper
 88 100
 43 26.8 61.7 92.5#
 58 74.1 62.2 93.2

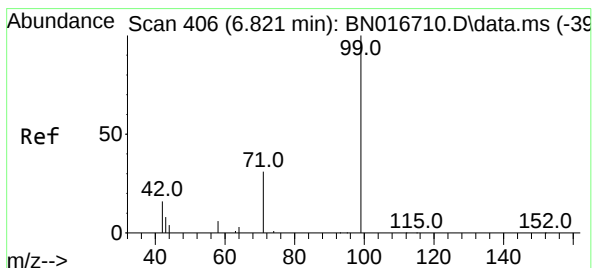
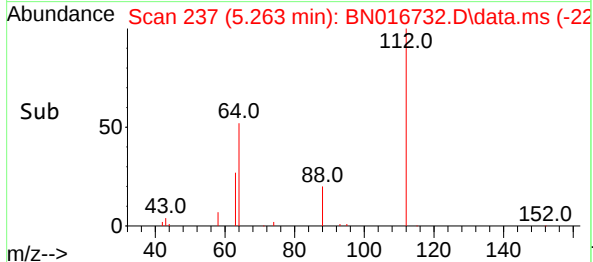
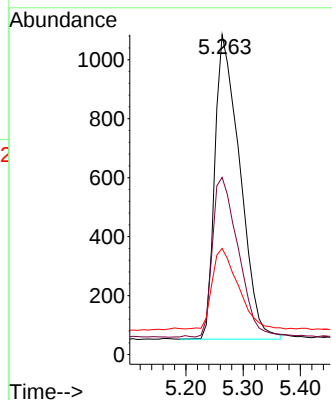
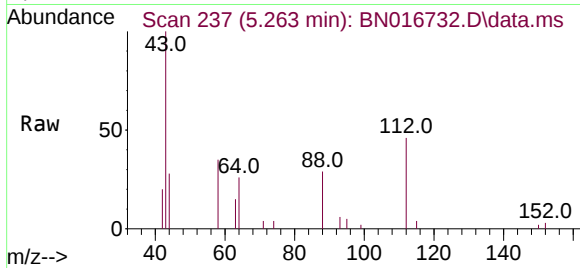




#4
2-Fluorophenol
Concen: 0.043 ng
RT: 5.263 min Scan# 237
Delta R.T. 0.009 min
Lab File: BN016732.D
Acq: 05 Oct 2021 05:49

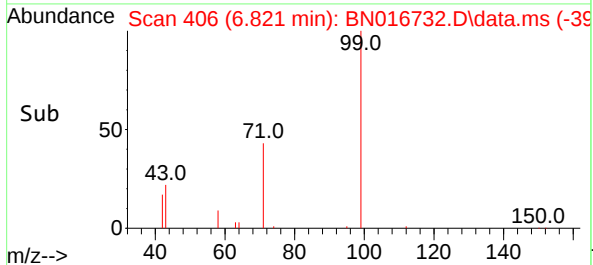
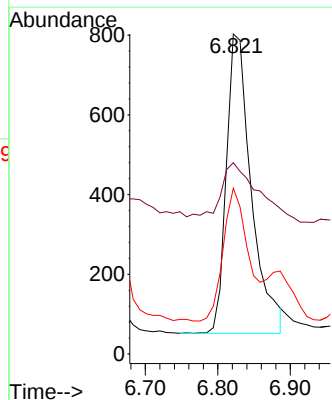
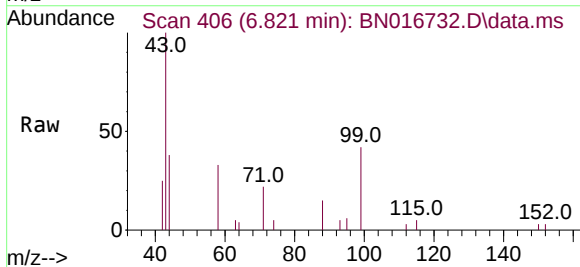
Instrument :
BNA_N
ClientSampleId :
RE125D2-20210917DL

Tgt Ion:112 Resp: 3134
Ion Ratio Lower Upper
112 100
64 53.8 42.9 64.3
63 27.2 21.5 32.3



#5
Phenol-d6
Concen: 0.022 ng
RT: 6.821 min Scan# 406
Delta R.T. 0.000 min
Lab File: BN016732.D
Acq: 05 Oct 2021 05:49

Tgt Ion: 99 Resp: 1794
Ion Ratio Lower Upper
99 100
42 22.4 13.4 20.2#
71 44.3 24.0 36.0#

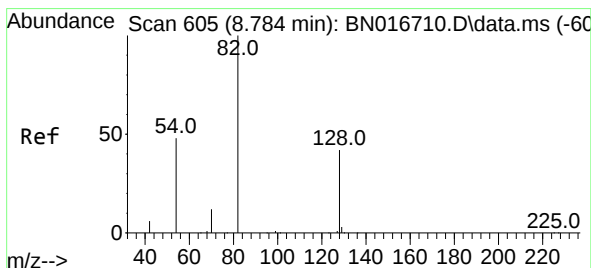
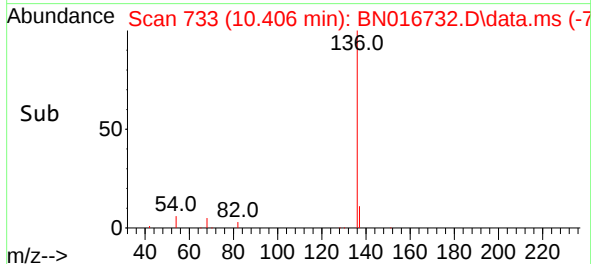
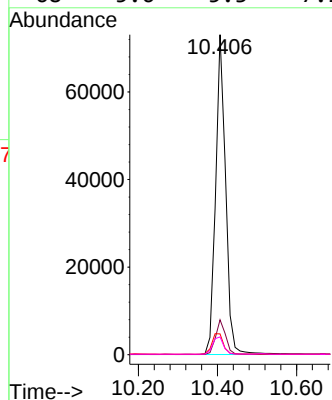
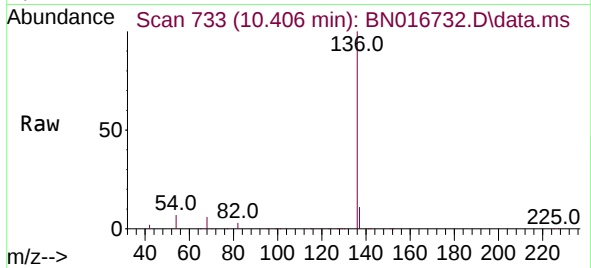




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.406 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016732.D
Acq: 05 Oct 2021 05:49

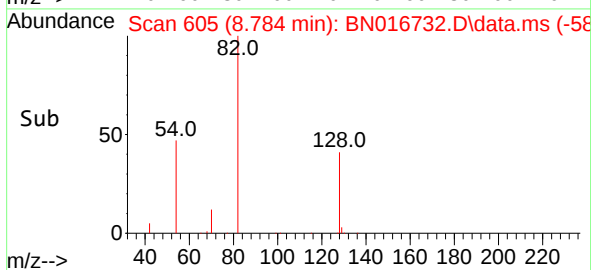
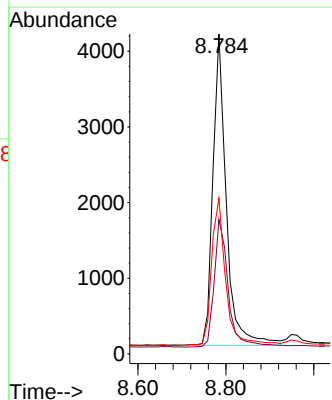
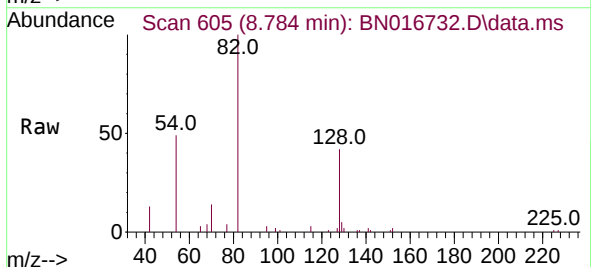
Instrument :
BNA_N
ClientSampleId :
RE125D2-20210917DL

Tgt Ion:136	Resp:	128121
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.9 13.3
54	6.5	6.5 9.7
68	5.6	5.3 7.9



#8
Nitrobenzene-d5
Concen: 0.097 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016732.D
Acq: 05 Oct 2021 05:49

Tgt Ion: 82	Resp:	8683
Ion Ratio	Lower	Upper
82	100	
128	42.0	33.8 50.6
54	48.7	38.5 57.7

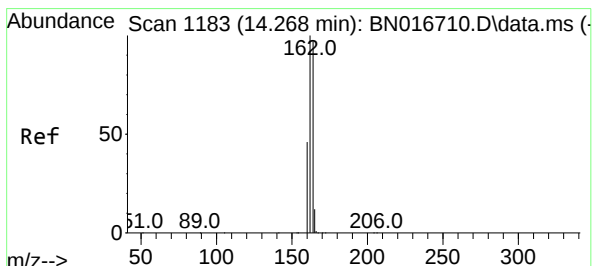
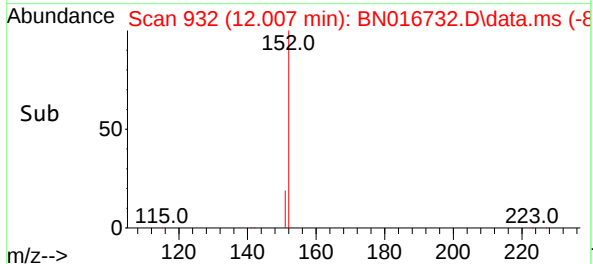
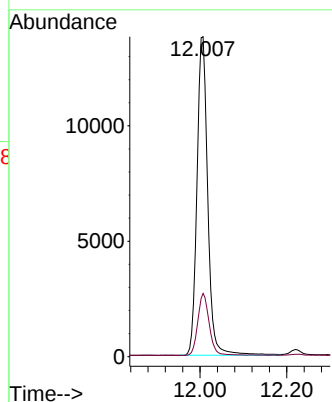
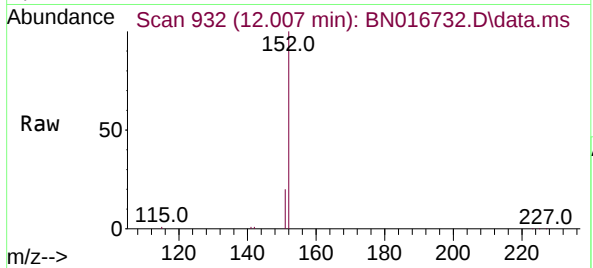




#11
2-Methylnaphthalene-d10
Concen: 0.125 ng
RT: 12.007 min Scan# 932
Delta R.T. 0.000 min
Lab File: BN016732.D
Acq: 05 Oct 2021 05:49

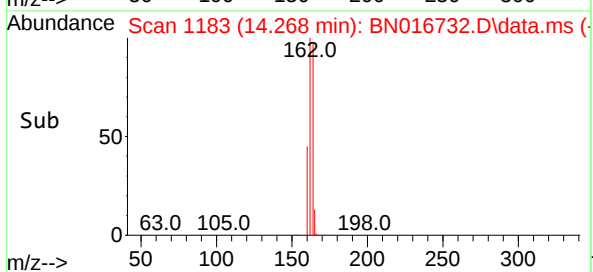
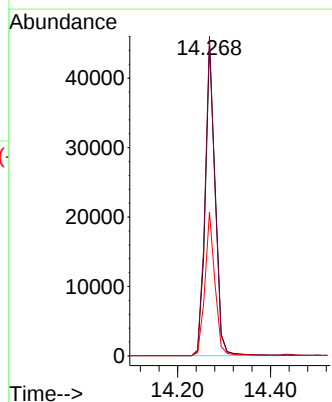
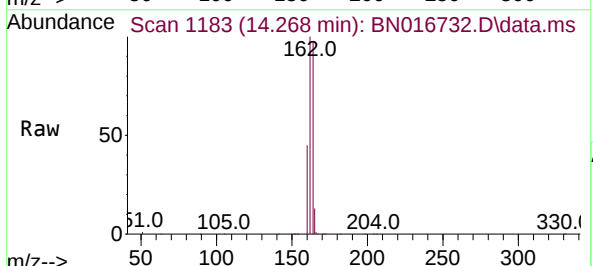
Instrument :
BNA_N
ClientSampleId :
RE125D2-20210917DL

Tgt Ion:152 Resp: 23941
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.268 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016732.D
Acq: 05 Oct 2021 05:49

Tgt Ion:164 Resp: 67225
Ion Ratio Lower Upper
164 100
162 102.7 82.6 124.0
160 46.2 38.2 57.2

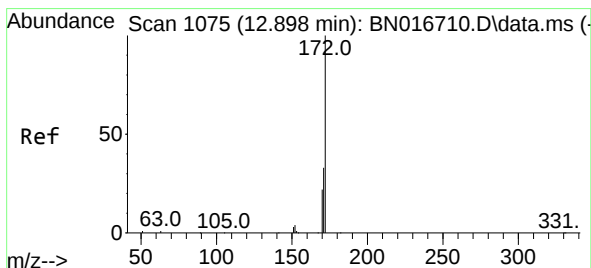
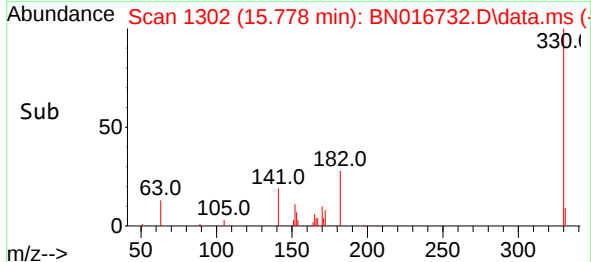
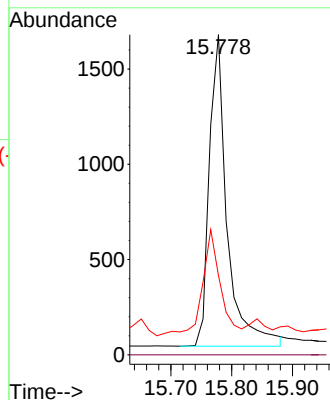
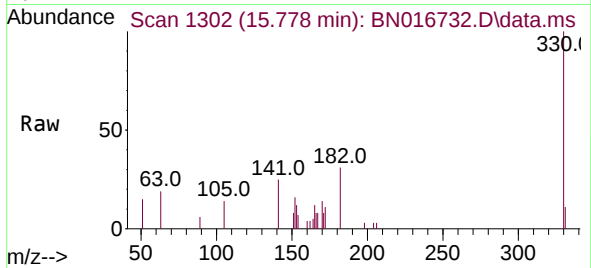




#14
2,4,6-Tribromophenol
Concen: 0.203 ng
RT: 15.778 min Scan# 1302
Delta R.T. 0.000 min
Lab File: BN016732.D
Acq: 05 Oct 2021 05:49

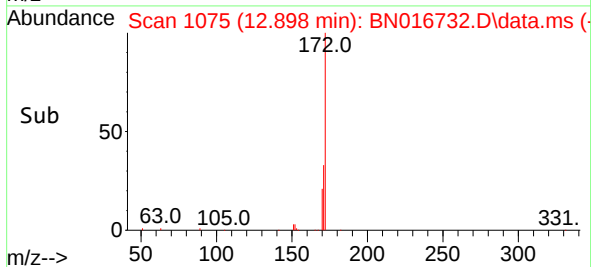
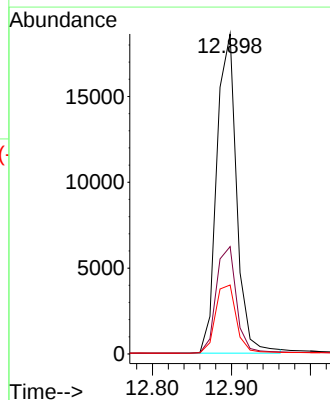
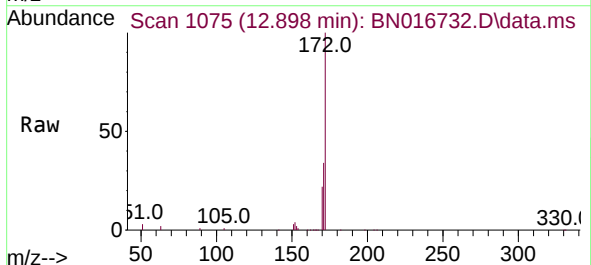
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ClientSampleId :
RE125D2-20210917DL

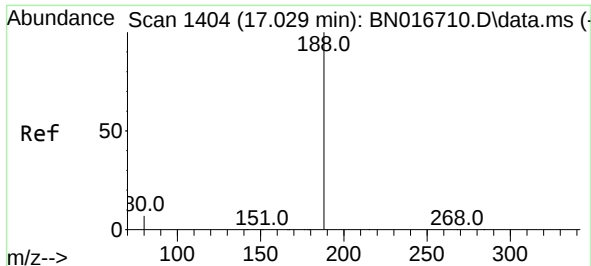
Tgt Ion:330 Resp: 3335
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 29.7 24.2 36.2



#15
2-Fluorobiphenyl
Concen: 0.121 ng
RT: 12.898 min Scan# 1075
Delta R.T. 0.000 min
Lab File: BN016732.D
Acq: 05 Oct 2021 05:49

Tgt Ion:172 Resp: 32466
Ion Ratio Lower Upper
172 100
171 33.6 26.9 40.3
170 21.5 17.4 26.0

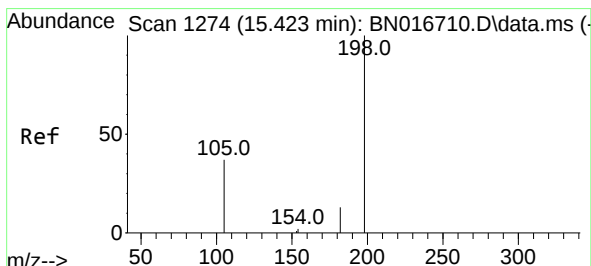
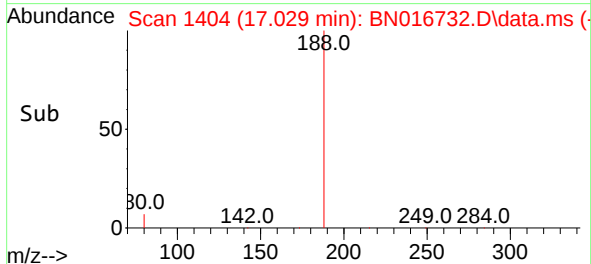
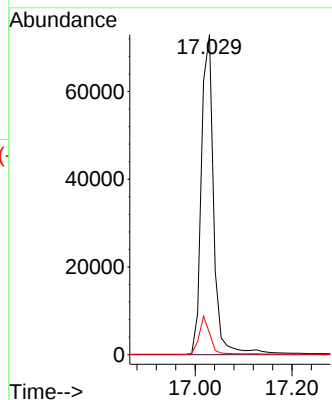
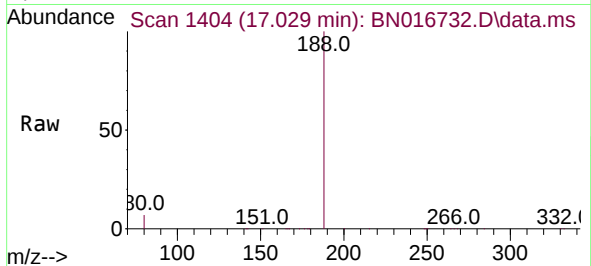




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.029 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BN016732.D
Acq: 05 Oct 2021 05:49

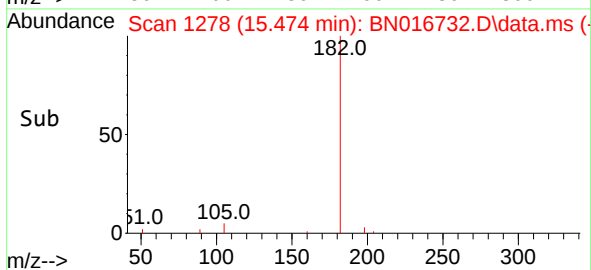
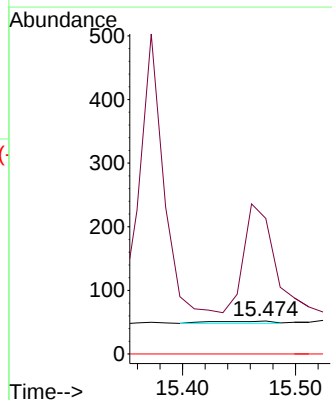
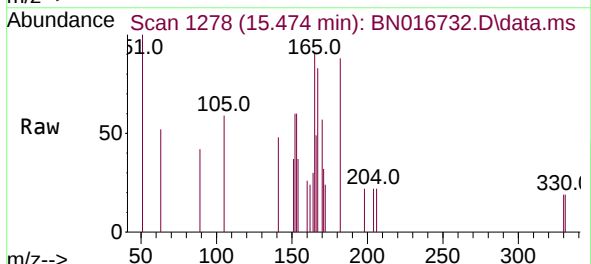
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BNA_N
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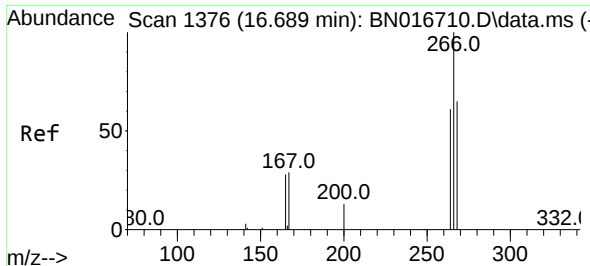
Tgt Ion:188 Resp: 129038
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.8 5.8 8.8



#20
4,6-Dinitro-2-methylphenol
Concen: 0.267 ng
RT: 15.474 min Scan# 1278
Delta R.T. 0.051 min
Lab File: BN016732.D
Acq: 05 Oct 2021 05:49

Tgt Ion:198 Resp: 14
Ion Ratio Lower Upper
198 100
182 409.6 26.2 39.2#
77 0.0 0.0 0.0

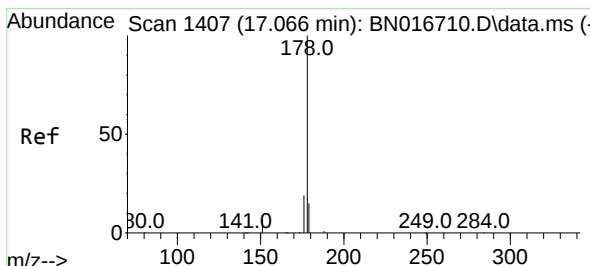
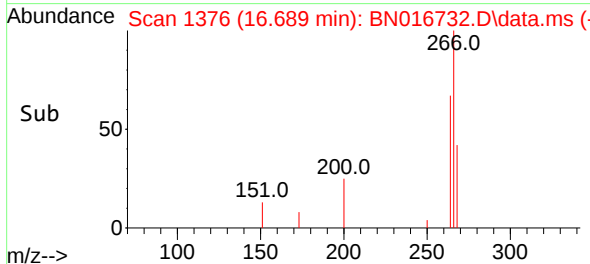
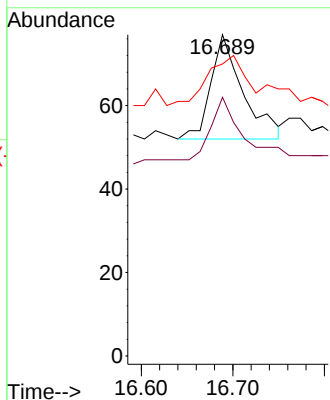
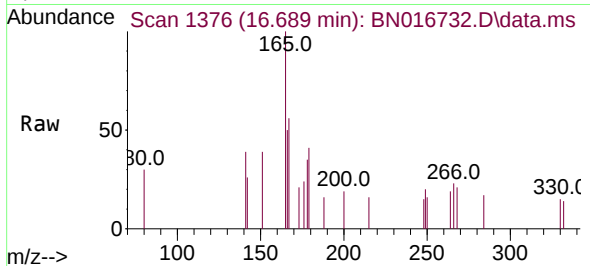




#24
 Pentachlorophenol
 Concen: 0.340 ng
 RT: 16.689 min Scan# 1376
 Delta R.T. -0.000 min
 Lab File: BN016732.D
 Acq: 05 Oct 2021 05:49

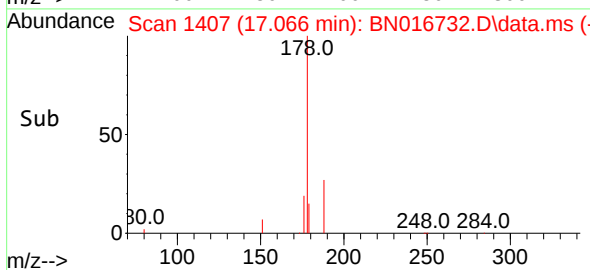
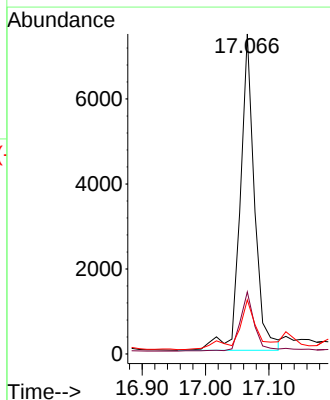
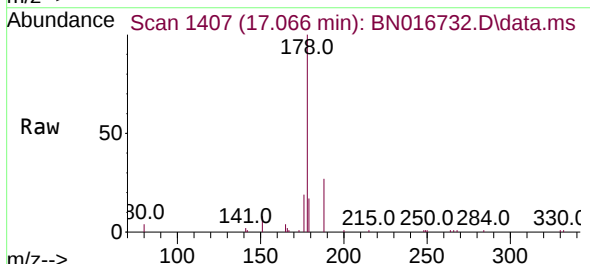
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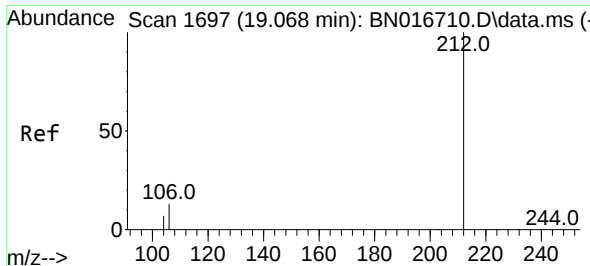
Tgt Ion:	266	Resp:	61
Ion	Ratio	Lower	Upper
266	100		
264	60.7	49.3	73.9
268	60.7	51.8	77.8



#25
 Phenanthrene
 Concen: 0.031 ng
 RT: 17.066 min Scan# 1407
 Delta R.T. 0.000 min
 Lab File: BN016732.D
 Acq: 05 Oct 2021 05:49

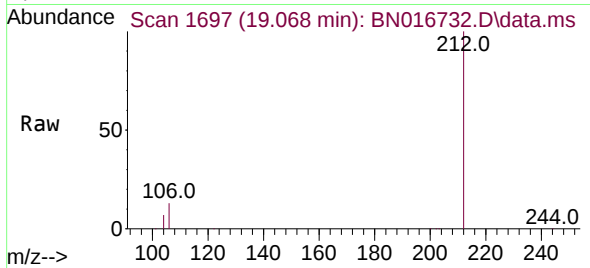
Tgt Ion:	178	Resp:	11726
Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.0	22.6
179	20.0	12.4	18.6



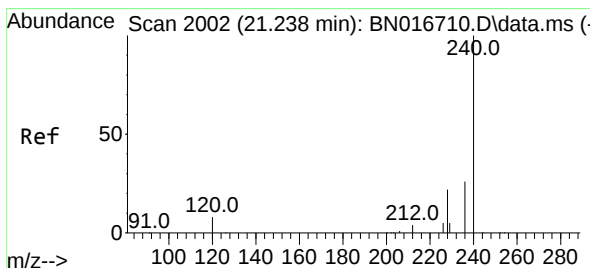
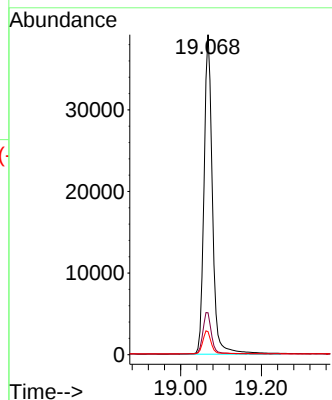


#27
Fluoranthene-d10
Concen: 0.161 ng
RT: 19.068 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BN016732.D
Acq: 05 Oct 2021 05:49

Instrument :
BNA_N
ClientSampleId :
RE125D2-20210917DL

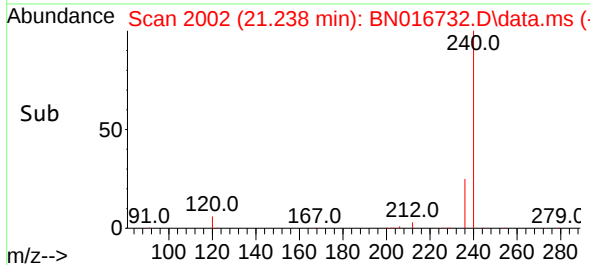
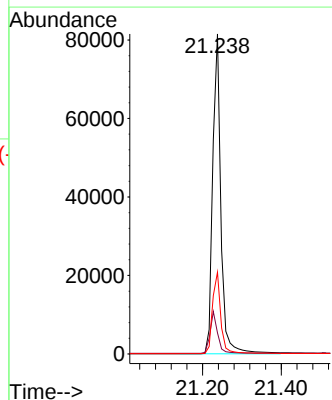
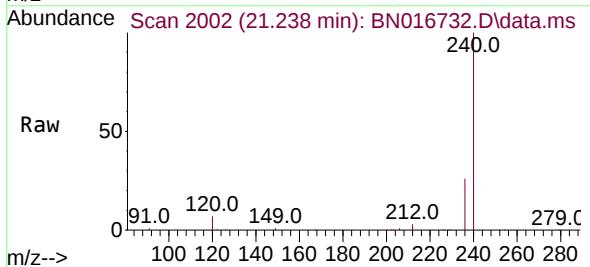


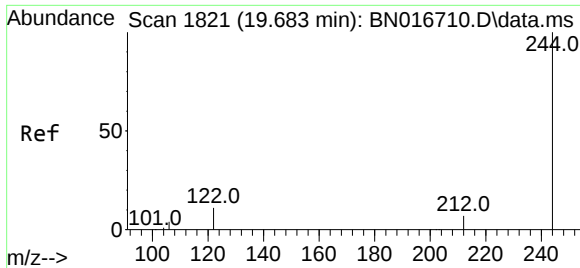
Tgt Ion:212 Resp: 56835
Ion Ratio Lower Upper
212 100
106 13.4 10.6 16.0
104 7.4 5.8 8.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.238 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN016732.D
Acq: 05 Oct 2021 05:49

Tgt Ion:240 Resp: 117668
Ion Ratio Lower Upper
240 100
120 6.6 6.6 10.0#
236 25.6 20.7 31.1

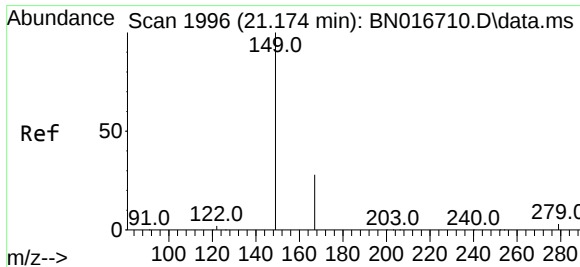
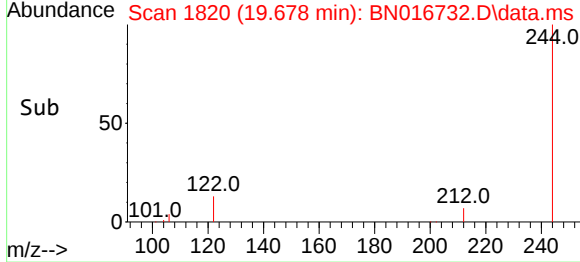
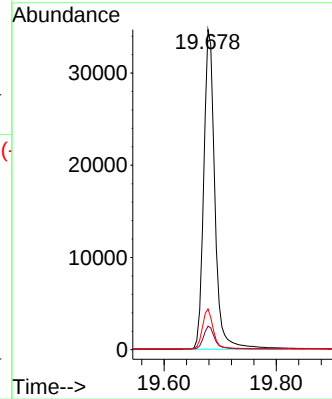
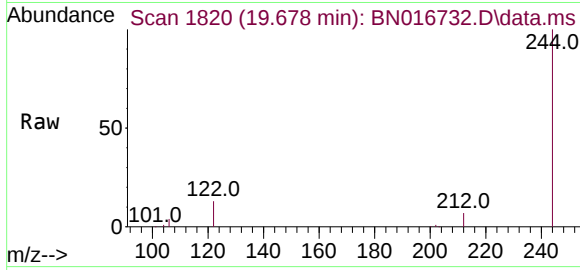




#31
Terphenyl-d14
Concen: 0.182 ng
RT: 19.678 min Scan# 1820
Delta R.T. -0.005 min
Lab File: BN016732.D
Acq: 05 Oct 2021 05:49

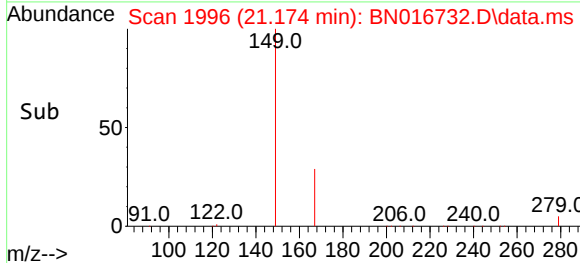
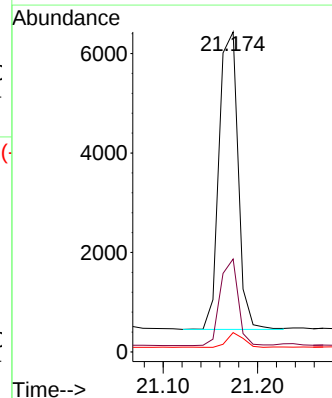
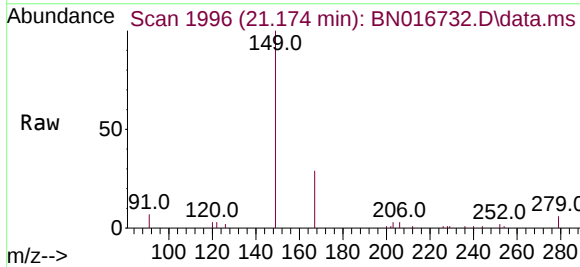
Instrument :
BNA_N
ClientSampleId :
RE125D2-20210917DL

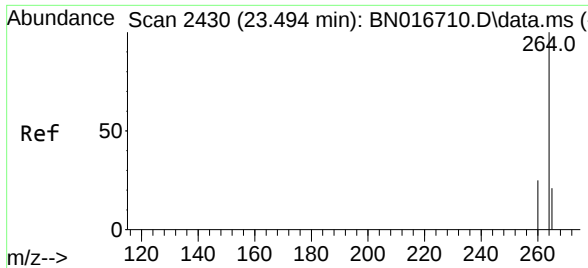
Tgt Ion:244 Resp: 47853
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.6
122 12.8 8.9 13.3



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.038 ng
RT: 21.174 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BN016732.D
Acq: 05 Oct 2021 05:49

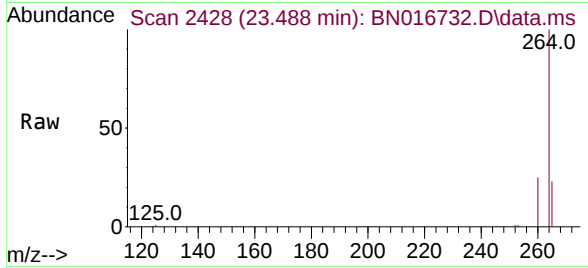
Tgt Ion:149 Resp: 8366
Ion Ratio Lower Upper
149 100
167 27.5 22.2 33.4
279 4.4 3.4 5.2





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.488 min Scan# 2428
 Delta R.T. -0.007 min
 Lab File: BN016732.D
 Acq: 05 Oct 2021 05:49

Instrument :
 BNA_N
 ClientSampleId :
 RE125D2-20210917DL



Tgt Ion:264 Resp: 121395

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.8	29.6
265	23.0	20.3	30.5

