

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091721\
 Data File : BN016326.D
 Acq On : 18 Sep 2021 09:44
 Operator : CG/JU
 Sample : M3791-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SW-RR-01-(2.0)

Quant Time: Sep 20 00:56:05 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 17 23:59:14 2021
 Response via : Initial Calibration

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

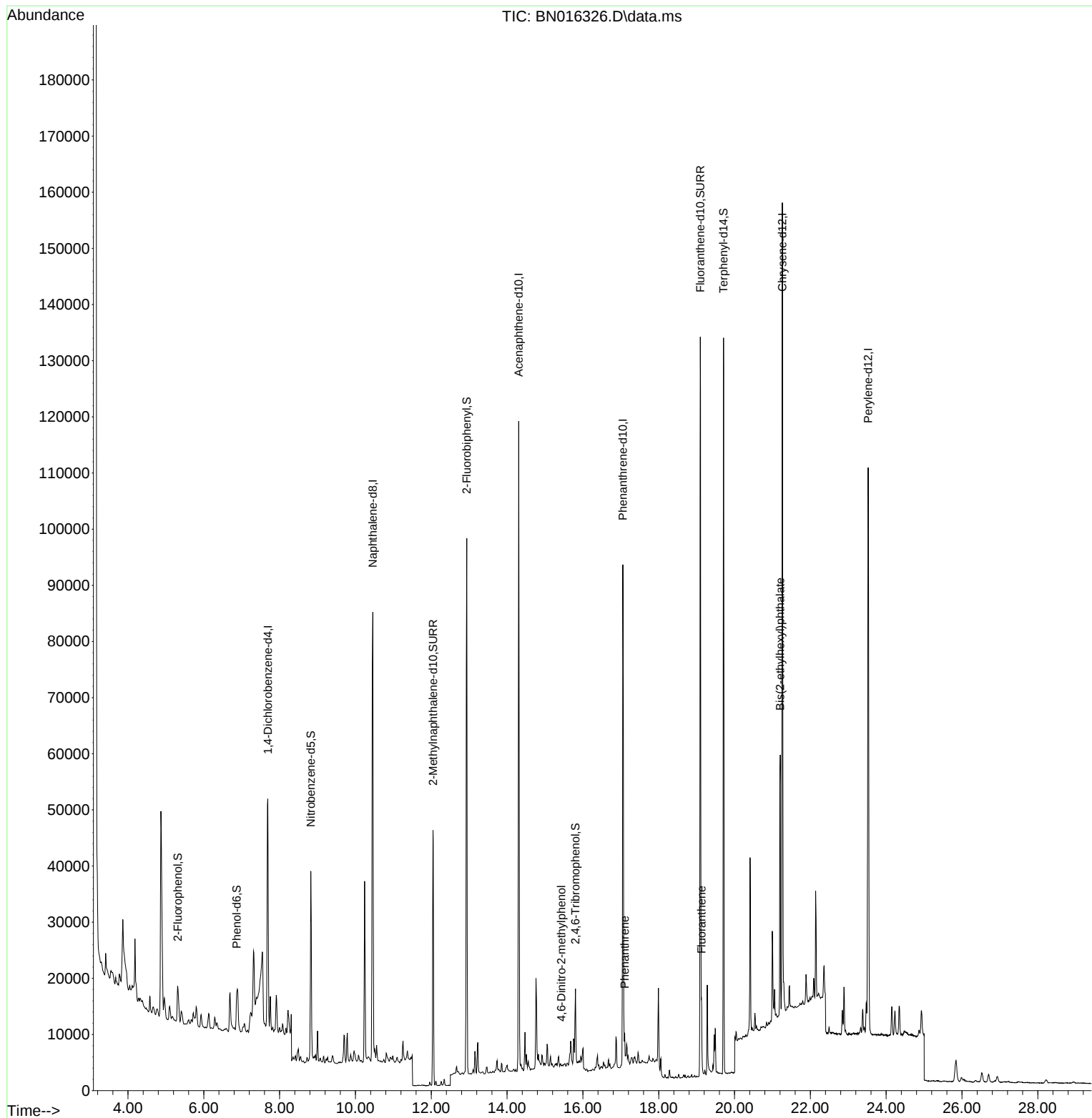
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.689	152	24939	0.400	ng	0.00
7) Naphthalene-d8	10.458	136	112660	0.400	ng	0.00
13) Acenaphthene-d10	14.307	164	63407	0.400	ng	0.00
19) Phenanthrene-d10	17.054	188	122587	0.400	ng	#-0.01
29) Chrysene-d12	21.259	240	126429	0.400	ng	# 0.00
35) Perylene-d12	23.526	264	132262	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.310	112	8907	0.142	ng	0.00
5) Phenol-d6	6.868	99	6137	0.081	ng	0.00
8) Nitrobenzene-d5	8.823	82	26533	0.396	ng	-0.01
11) 2-Methylnaphthalene-d10	12.047	152	60672	0.342	ng	0.00
14) 2,4,6-Tribromophenol	15.804	330	9376	0.504	ng	0.00
15) 2-Fluorobiphenyl	12.937	172	83463	0.336	ng	0.00
27) Fluoranthene-d10	19.098	212	148237	0.418	ng	0.00
31) Terphenyl-d14	19.708	244	132628	0.453	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.436	198	86	0.160	ng	# 1
25) Phenanthrene	17.103	178	7860	0.023	ng	95
28) Fluoranthene	19.128	202	11371	0.028	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.206	149	47208	0.216	ng	98

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

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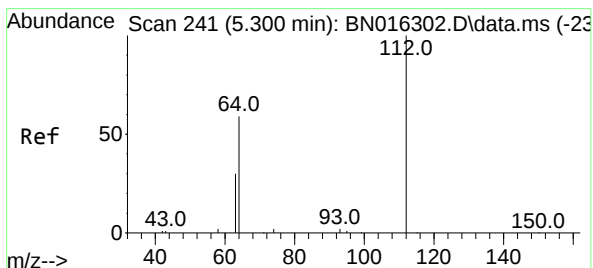
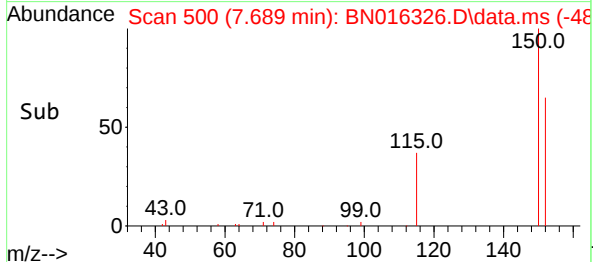
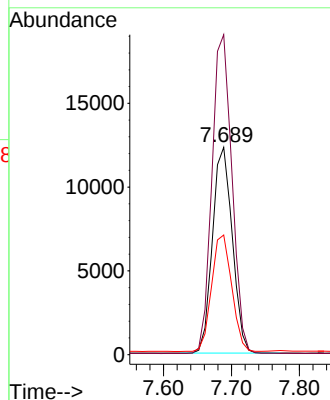
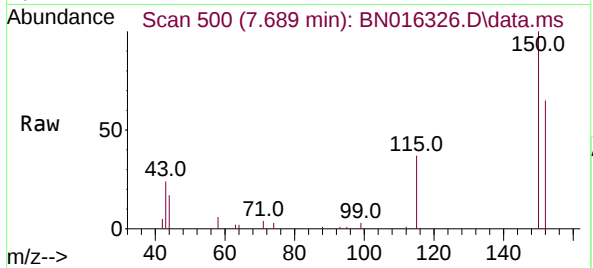




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.689 min Scan# 500
Delta R.T. 0.001 min
Lab File: BN016326.D
Acq: 18 Sep 2021 09:44

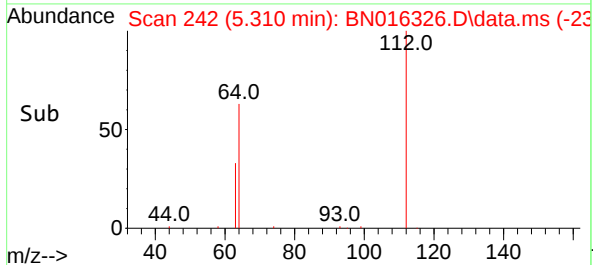
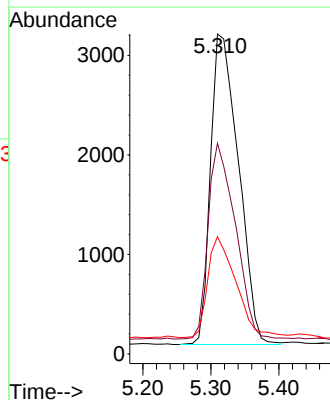
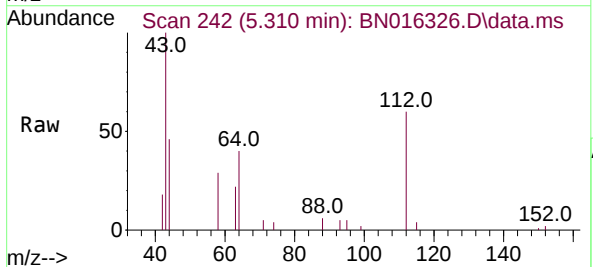
Instrument :
BNA_N
ClientSampleId :
SW-RR-01-(2.0)

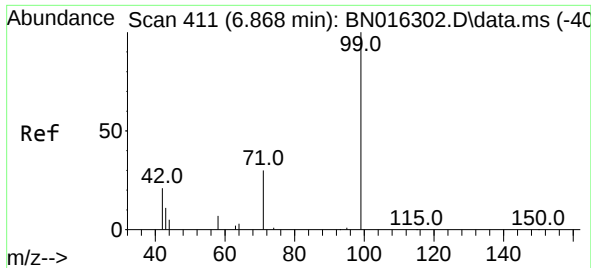
Tgt Ion:152 Resp: 24939
Ion Ratio Lower Upper
152 100
150 154.3 125.6 188.4
115 57.7 50.2 75.2



#4
2-Fluorophenol
Concen: 0.142 ng
RT: 5.310 min Scan# 242
Delta R.T. 0.009 min
Lab File: BN016326.D
Acq: 18 Sep 2021 09:44

Tgt Ion:112 Resp: 8907
Ion Ratio Lower Upper
112 100
64 61.5 47.3 70.9
63 33.0 23.4 35.0

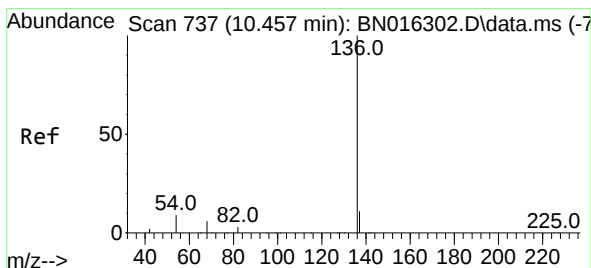
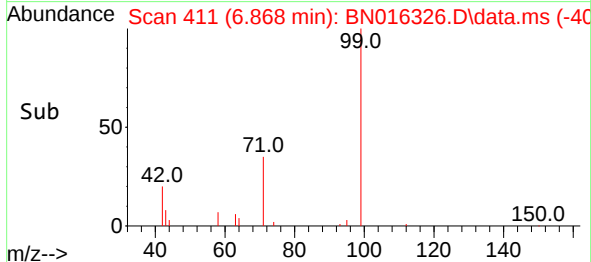
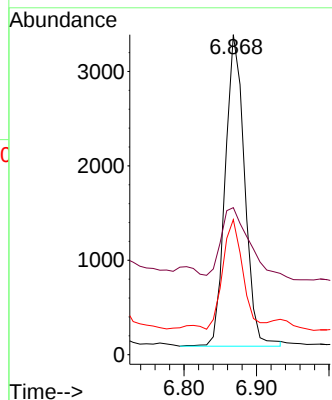
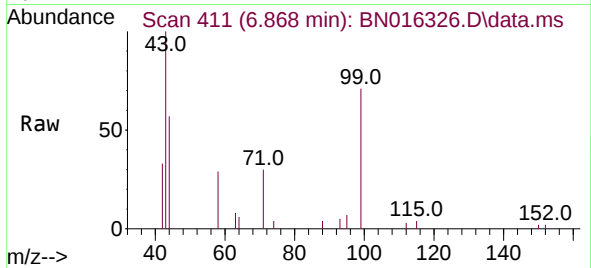




#5
Phenol-d6
Concen: 0.081 ng
RT: 6.868 min Scan# 411
Delta R.T. 0.000 min
Lab File: BN016326.D
Acq: 18 Sep 2021 09:44

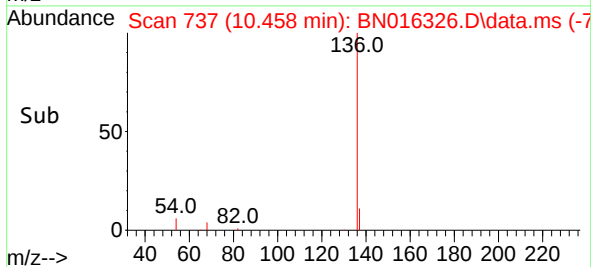
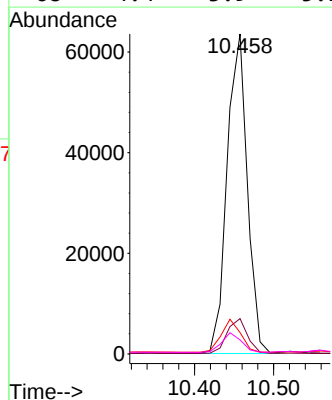
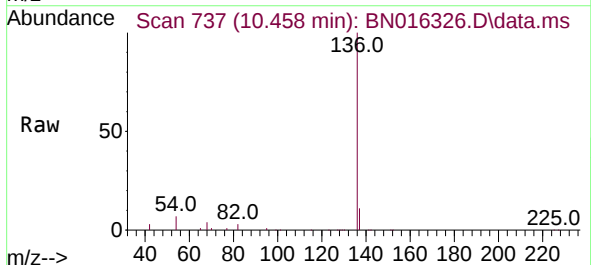
Instrument :
BNA_N
ClientSampleId :
SW-RR-01-(2.0)

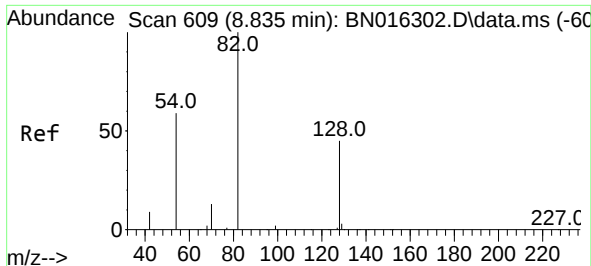
Tgt Ion: 99 Resp: 6137
Ion Ratio Lower Upper
99 100
42 29.9 14.0 21.0#
71 36.7 23.8 35.6#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.458 min Scan# 737
Delta R.T. 0.000 min
Lab File: BN016326.D
Acq: 18 Sep 2021 09:44

Tgt Ion: 136 Resp: 112660
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.7 5.3 7.9
68 4.4 3.9 5.9

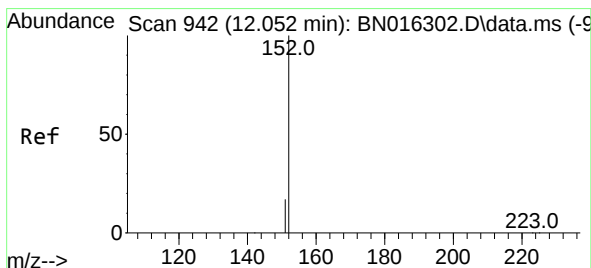
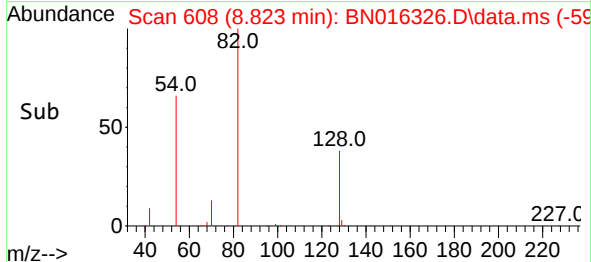
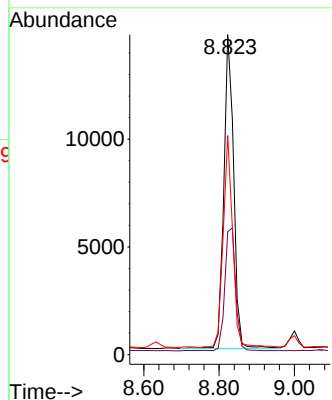
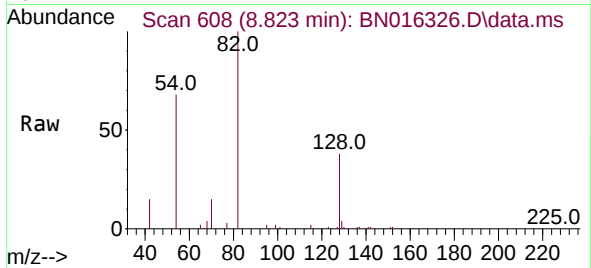




#8
Nitrobenzene-d5
Concen: 0.396 ng
RT: 8.823 min Scan# 608
Delta R.T. -0.012 min
Lab File: BN016326.D
Acq: 18 Sep 2021 09:44

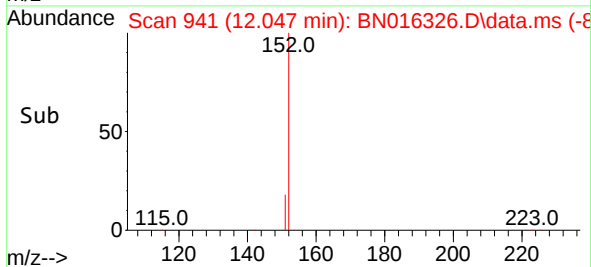
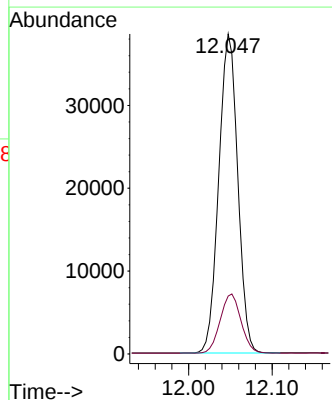
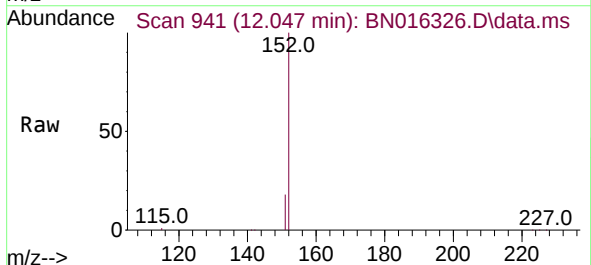
Instrument :
BNA_N
ClientSampleId :
SW-RR-01-(2.0)

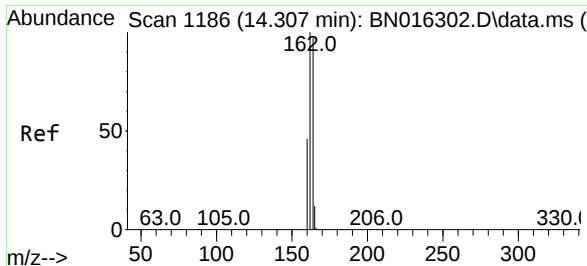
Tgt Ion: 82 Resp: 26533
Ion Ratio Lower Upper
82 100
128 38.4 31.7 47.5
54 68.5 46.4 69.6



#11
2-Methylnaphthalene-d10
Concen: 0.342 ng
RT: 12.047 min Scan# 941
Delta R.T. -0.004 min
Lab File: BN016326.D
Acq: 18 Sep 2021 09:44

Tgt Ion: 152 Resp: 60672
Ion Ratio Lower Upper
152 100
151 20.4 16.1 24.1

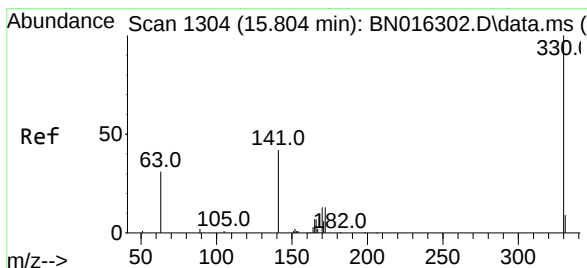
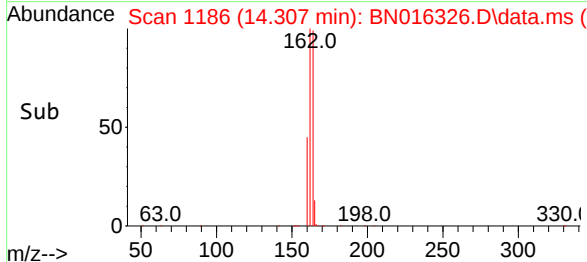
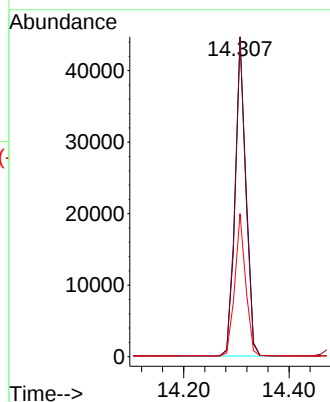
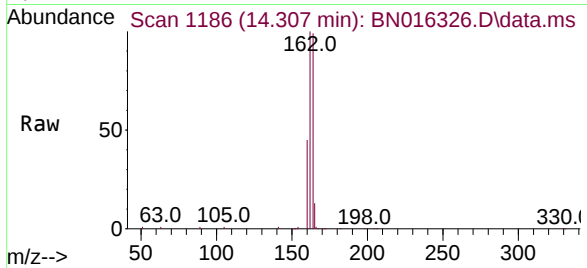




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.307 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BN016326.D
Acq: 18 Sep 2021 09:44

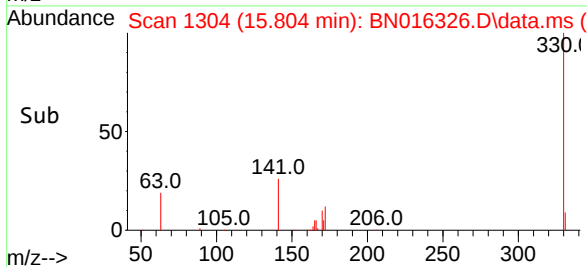
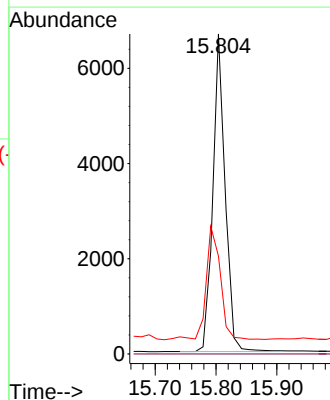
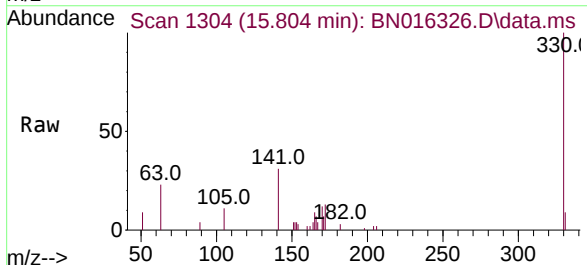
Instrument :
BNA_N
ClientSampleId :
SW-RR-01-(2.0)

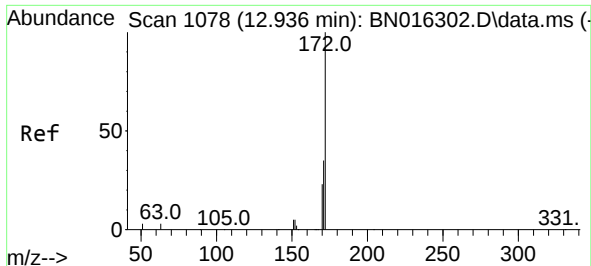
Tgt Ion:164 Resp: 63407
Ion Ratio Lower Upper
164 100
162 100.5 79.0 118.4
160 44.9 34.1 51.1



#14
2,4,6-Tribromophenol
Concen: 0.504 ng
RT: 15.804 min Scan# 1304
Delta R.T. 0.000 min
Lab File: BN016326.D
Acq: 18 Sep 2021 09:44

Tgt Ion:330 Resp: 9376
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 40.8 25.0 37.4#

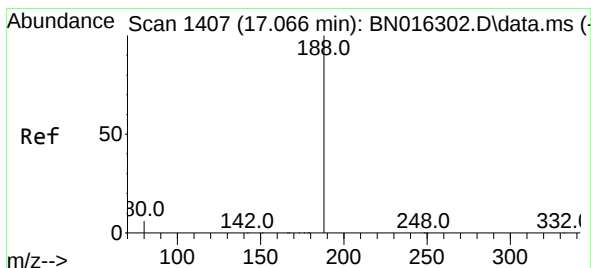
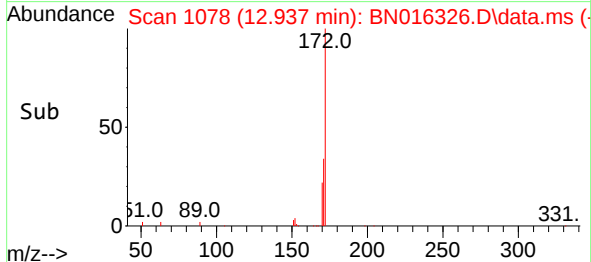
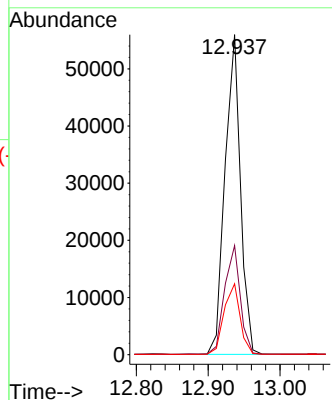
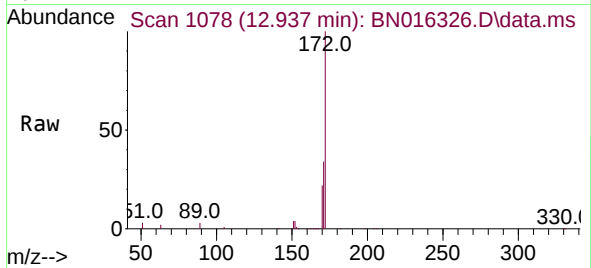




#15
2-Fluorobiphenyl
Concen: 0.336 ng
RT: 12.937 min Scan# 1078
Delta R.T. 0.000 min
Lab File: BN016326.D
Acq: 18 Sep 2021 09:44

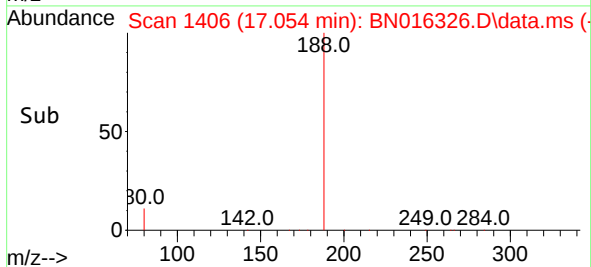
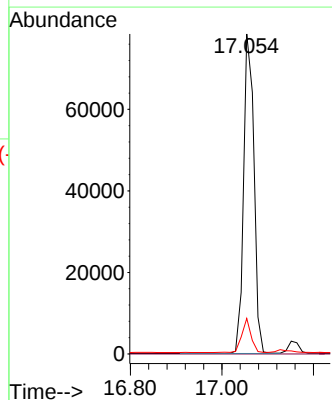
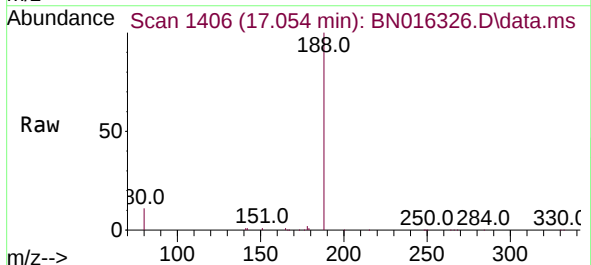
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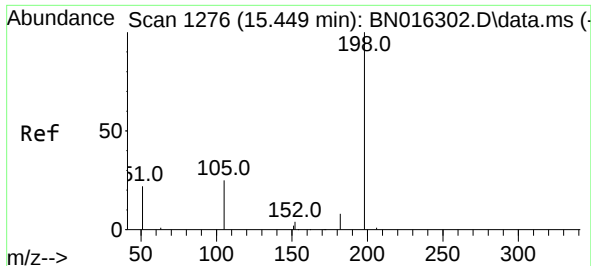
Tgt Ion:172	Resp:	83463
Ion Ratio	Lower	Upper
172	100	
171	34.1	27.8 41.6
170	22.1	18.2 27.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.054 min Scan# 1406
Delta R.T. -0.012 min
Lab File: BN016326.D
Acq: 18 Sep 2021 09:44

Tgt Ion:188	Resp:	122587
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	11.1	7.0 10.6

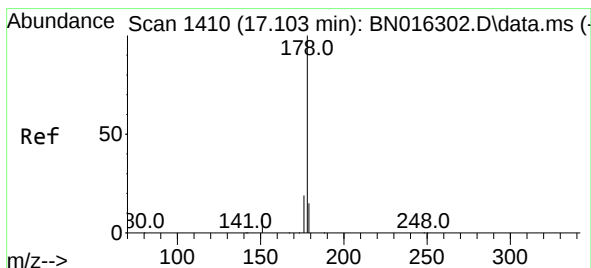
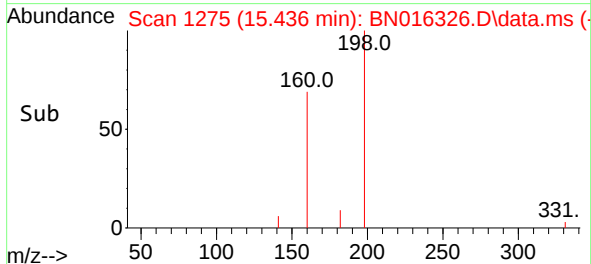
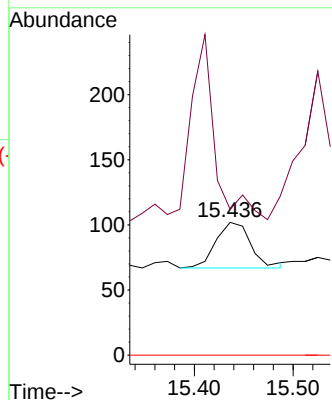
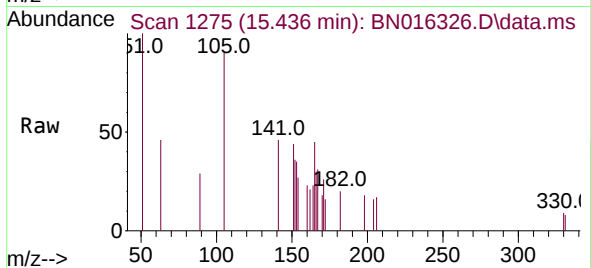




#20
4,6-Dinitro-2-methylphenol
Concen: 0.160 ng
RT: 15.436 min Scan# 1275
Delta R.T. -0.013 min
Lab File: BN016326.D
Acq: 18 Sep 2021 09:44

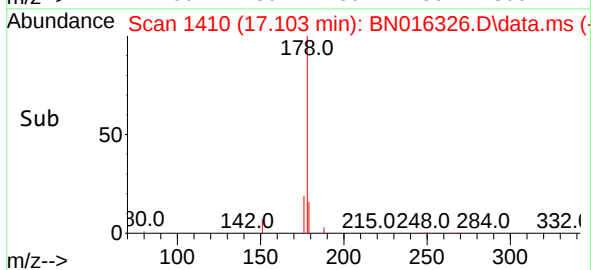
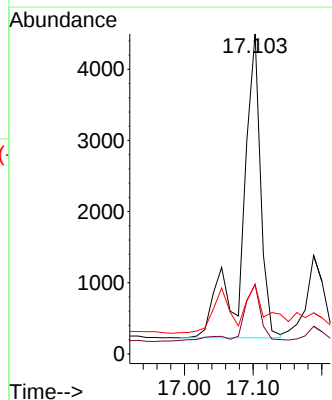
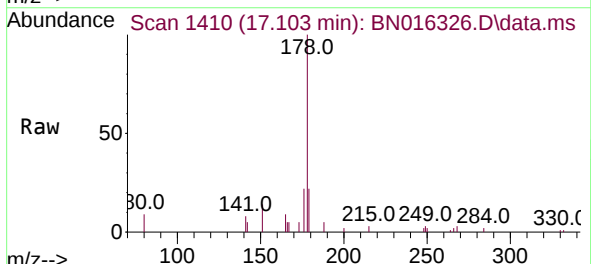
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SW-RR-01-(2.0)

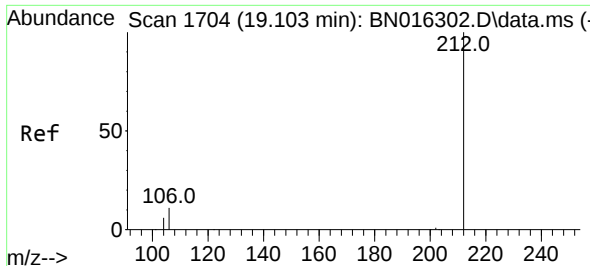
Tgt Ion:198 Resp: 86
Ion Ratio Lower Upper
198 100
182 109.8 26.6 39.8#
77 0.0 0.0 0.0



#25
Phenanthrene
Concen: 0.023 ng
RT: 17.103 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BN016326.D
Acq: 18 Sep 2021 09:44

Tgt Ion:178 Resp: 7860
Ion Ratio Lower Upper
178 100
176 14.9 14.4 21.6
179 16.5 12.2 18.4

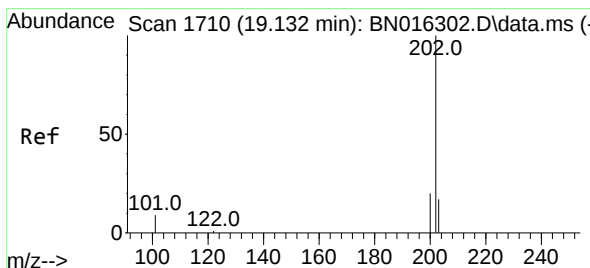
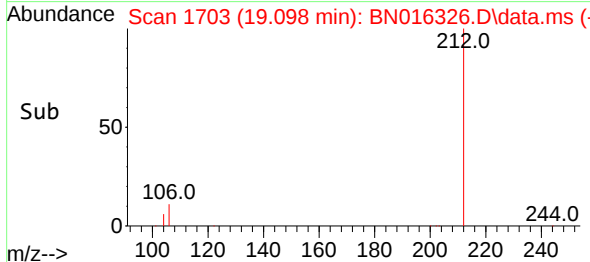
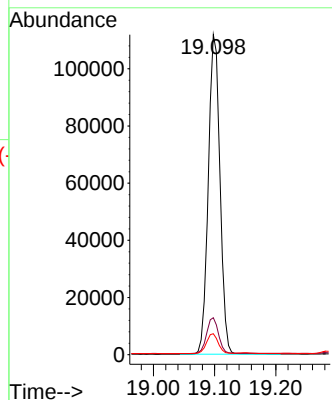
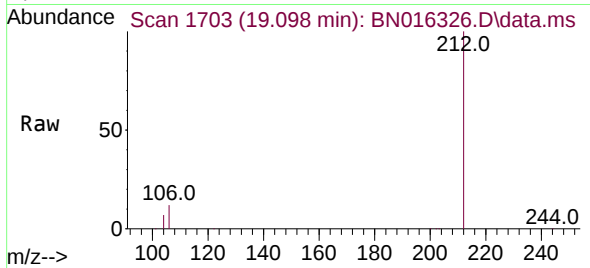




#27
Fluoranthene-d10
Concen: 0.418 ng
RT: 19.098 min Scan# 1703
Delta R.T. -0.005 min
Lab File: BN016326.D
Acq: 18 Sep 2021 09:44

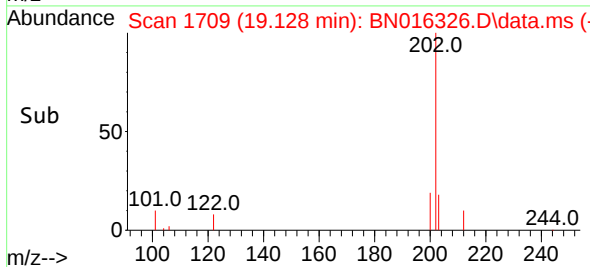
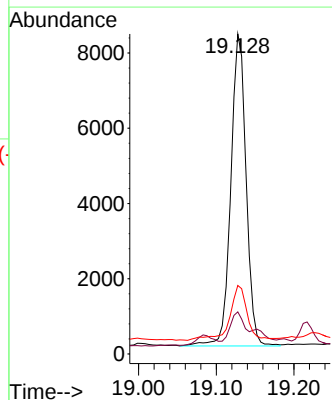
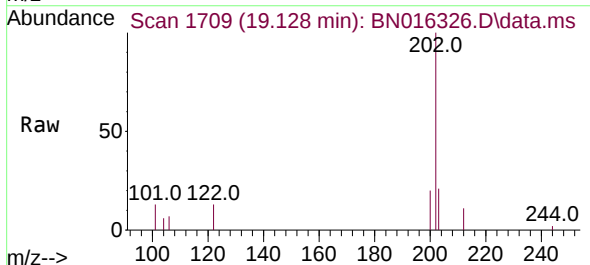
Instrument :
BNA_N
ClientSampleId :
SW-RR-01-(2.0)

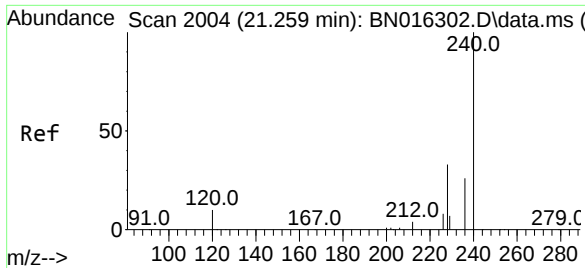
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Ion Ratio Lower Upper
212 100
106 11.4 9.8 14.6
104 6.2 5.4 8.2



#28
Fluoranthene
Concen: 0.028 ng
RT: 19.128 min Scan# 1709
Delta R.T. -0.005 min
Lab File: BN016326.D
Acq: 18 Sep 2021 09:44

Tgt Ion:202 Resp: 11371
Ion Ratio Lower Upper
202 100
101 8.3 8.5 12.7#
203 20.1 13.8 20.8

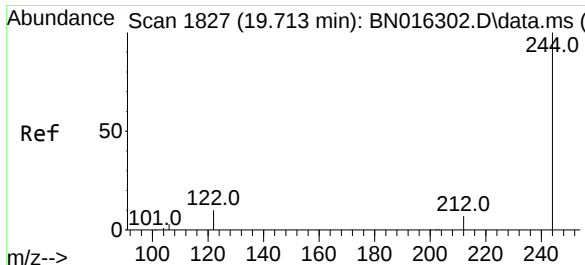
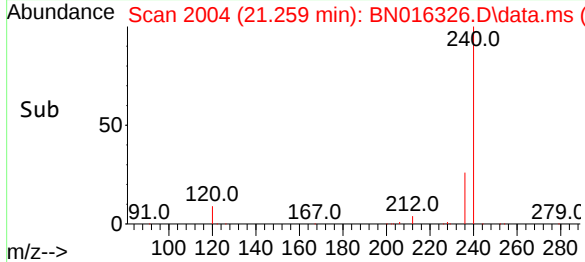
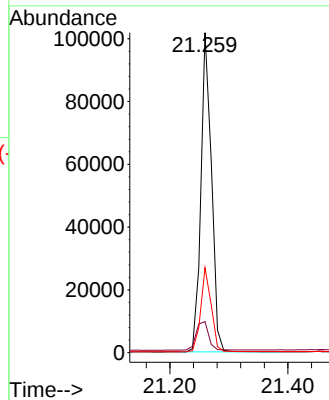
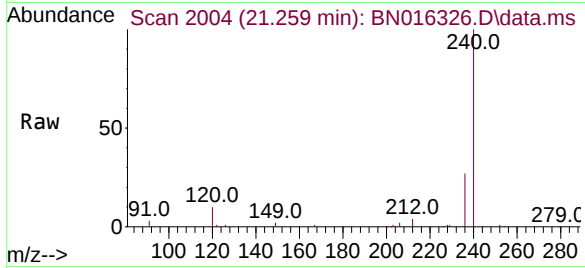




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.259 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BN016326.D
Acq: 18 Sep 2021 09:44

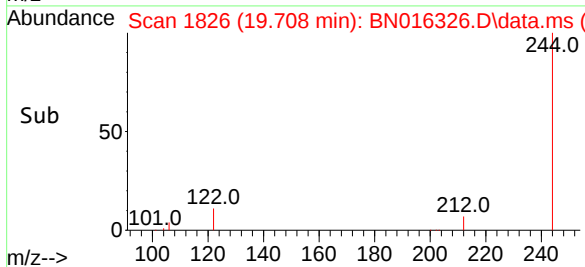
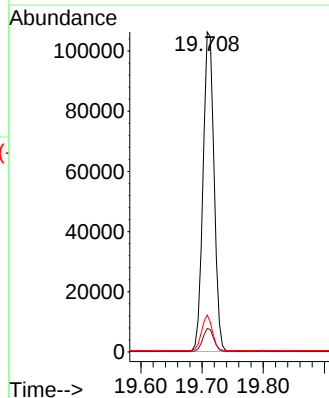
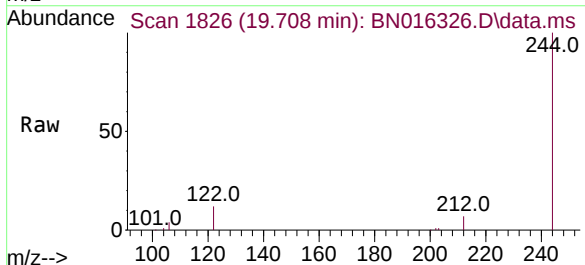
Instrument :
BNA_N
ClientSampleId :
SW-RR-01-(2.0)

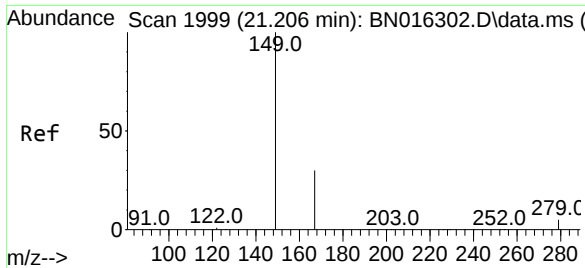
Tgt Ion:240 Resp: 126429
Ion Ratio Lower Upper
240 100
120 9.7 5.3 7.9#
236 26.6 19.8 29.8



#31
Terphenyl-d14
Concen: 0.453 ng
RT: 19.708 min Scan# 1826
Delta R.T. -0.005 min
Lab File: BN016326.D
Acq: 18 Sep 2021 09:44

Tgt Ion:244 Resp: 132628
Ion Ratio Lower Upper
244 100
212 7.4 5.5 8.3
122 11.5 9.0 13.4

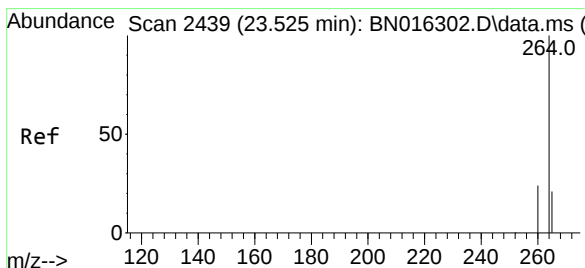
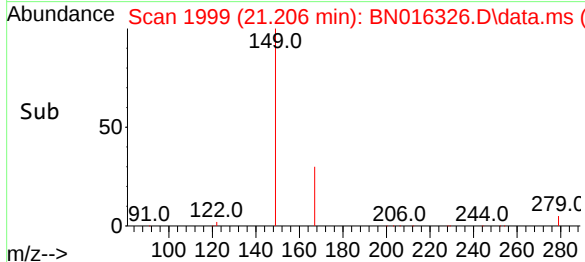
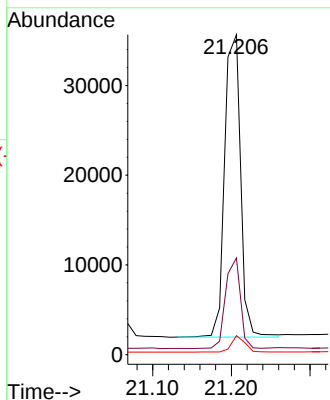
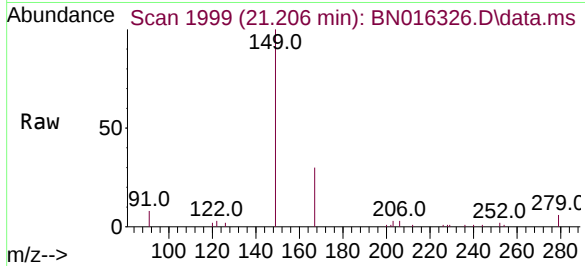




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.216 ng
 RT: 21.206 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: BN016326.D
 Acq: 18 Sep 2021 09:44

Instrument :
 BNA_N
 ClientSampleId :
 SW-RR-01-(2.0)

Tgt Ion:149 Resp: 47208
 Ion Ratio Lower Upper
 149 100
 167 27.8 23.4 35.0
 279 4.7 3.9 5.9



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.526 min Scan# 2439
 Delta R.T. 0.000 min
 Lab File: BN016326.D
 Acq: 18 Sep 2021 09:44

Tgt Ion:264 Resp: 132262
 Ion Ratio Lower Upper
 264 100
 260 24.7 18.9 28.3
 265 29.3 23.7 35.5

