

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092521\
 Data File : BN016494.D
 Acq On : 26 Sep 2021 03:51
 Operator : CG/JU
 Sample : M3920-07
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 26 04:47:58 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)

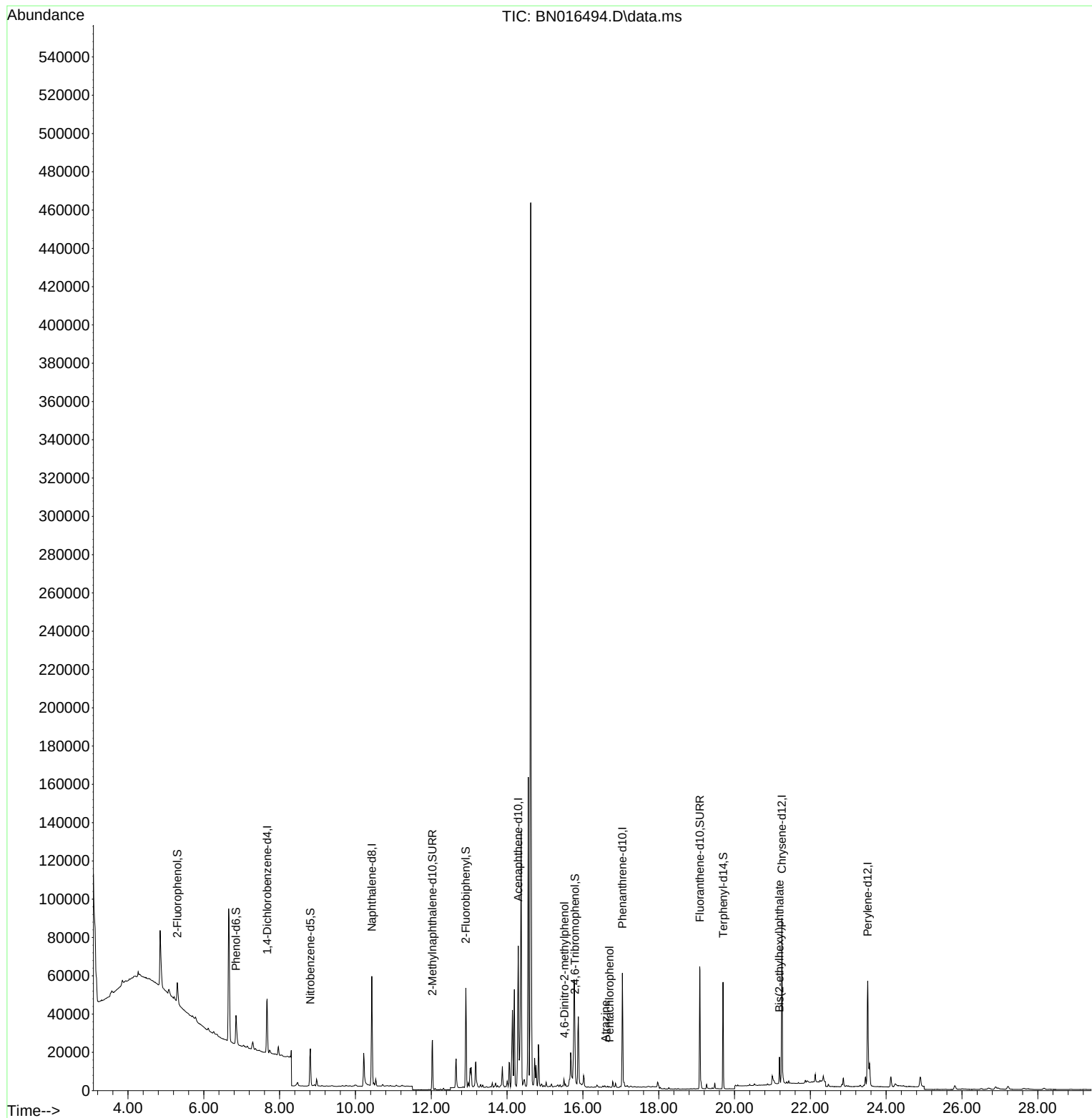
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.670	152	17190	0.400	ng	0.00
7) Naphthalene-d8	10.432	136	72759	0.400	ng	#-0.01
13) Acenaphthene-d10	14.294	164	39798	0.400	ng	0.00
19) Phenanthrene-d10	17.042	188	77300	0.400	ng	0.00
29) Chrysene-d12	21.249	240	78942	0.400	ng	0.00
35) Perylene-d12	23.512	264	73864	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.300	112	12202	0.316	ng	0.02
5) Phenol-d6	6.849	99	13932	0.306	ng	0.00
8) Nitrobenzene-d5	8.810	82	15159	0.294	ng	0.00
11) 2-Methylnaphthalene-d10	12.029	152	34544	0.320	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	2744	0.310	ng	0.00
15) 2-Fluorobiphenyl	12.911	172	44411	0.266	ng	-0.01
27) Fluoranthene-d10	19.083	212	74268	0.350	ng	0.00
31) Terphenyl-d14	19.698	244	56624	0.309	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.512	198	438	0.196	ng	# 88
23) Atrazine	16.592	200	66	0.137	ng	# 18
24) Pentachlorophenol	16.701	266	19	0.245	ng	# 78
34) Bis(2-ethylhexyl)phtha...	21.185	149	12216	0.196	ng	# 95

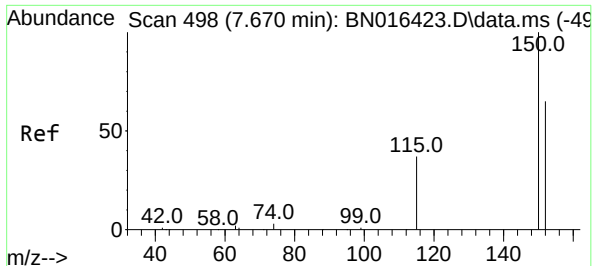
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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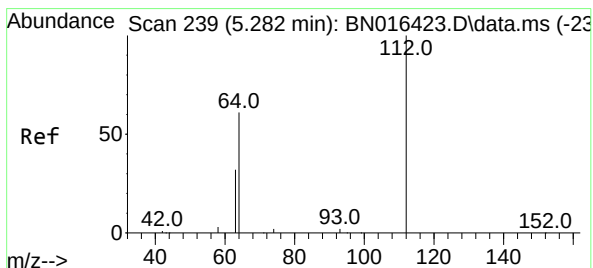
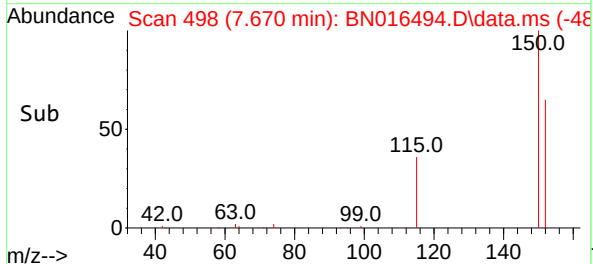
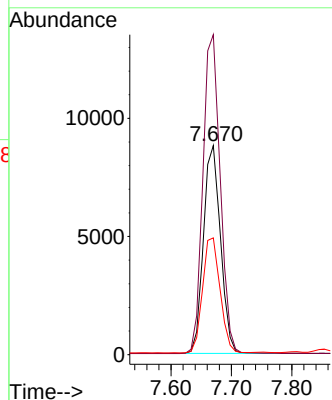
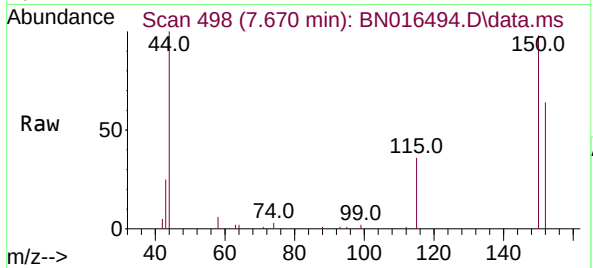




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.670 min Scan# 498
Delta R.T. 0.000 min
Lab File: BN016494.D
Acq: 26 Sep 2021 03:51

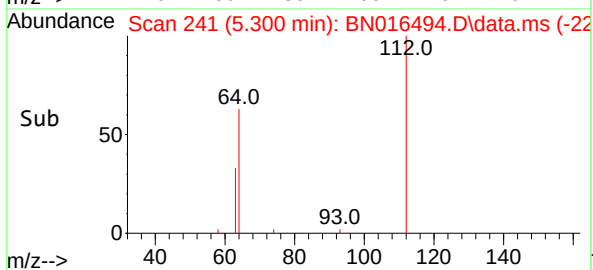
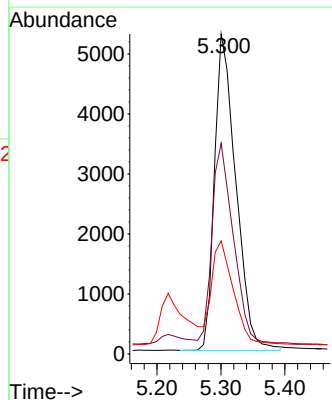
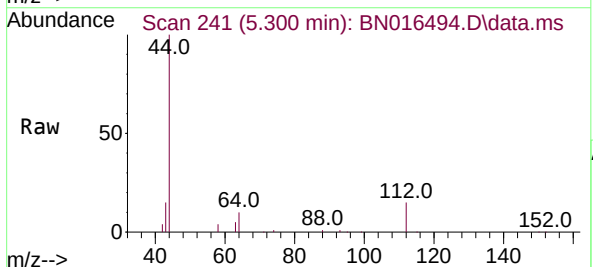
Instrument :
BNA_N
ClientSampled :

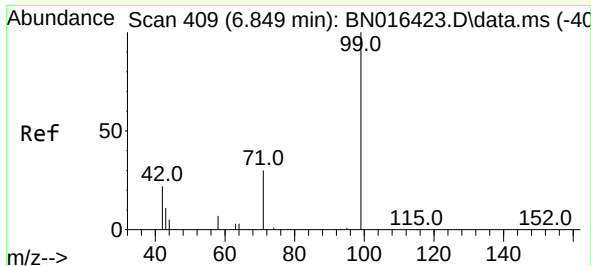
Tgt Ion:152 Resp: 17190
Ion Ratio Lower Upper
152 100
150 153.0 125.6 188.4
115 55.9 50.2 75.2



#4
2-Fluorophenol
Concen: 0.316 ng
RT: 5.300 min Scan# 241
Delta R.T. 0.019 min
Lab File: BN016494.D
Acq: 26 Sep 2021 03:51

Tgt Ion:112 Resp: 12202
Ion Ratio Lower Upper
112 100
64 62.4 47.3 70.9
63 32.4 23.4 35.0

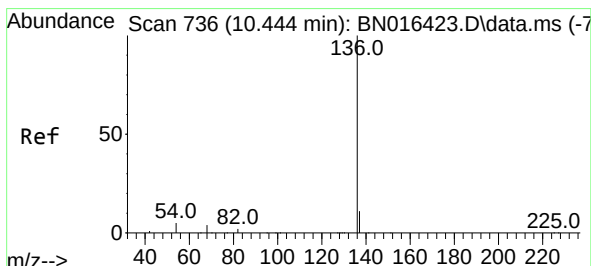
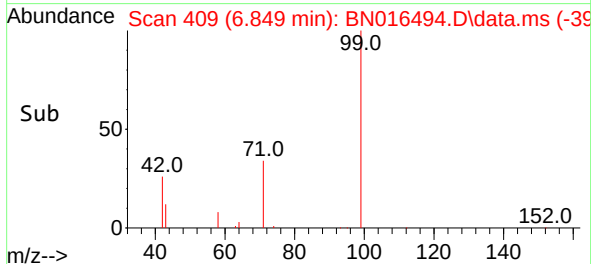
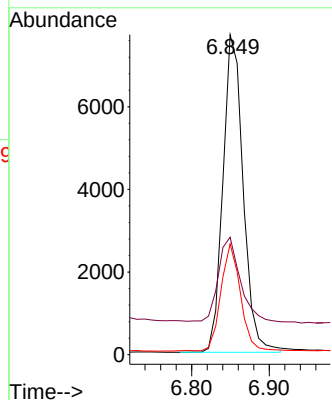
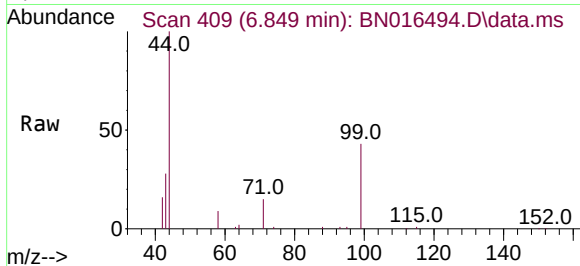




#5
Phenol-d6
Concen: 0.306 ng
RT: 6.849 min Scan# 409
Delta R.T. 0.000 min
Lab File: BN016494.D
Acq: 26 Sep 2021 03:51

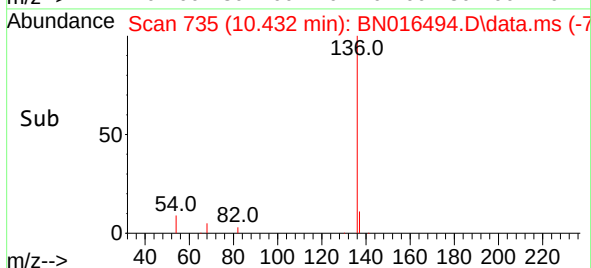
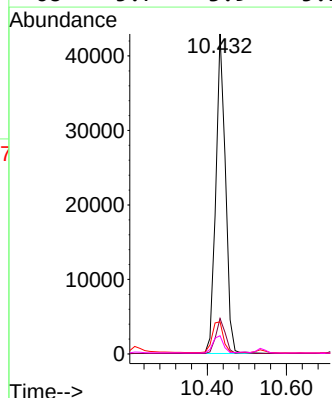
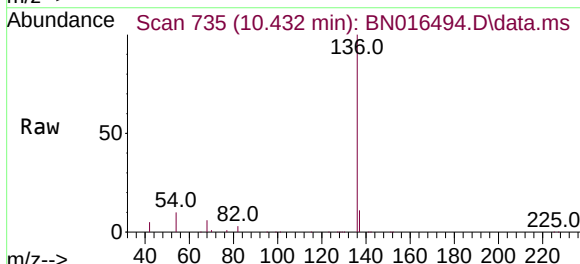
Instrument :
BNA_N
ClientSampled :

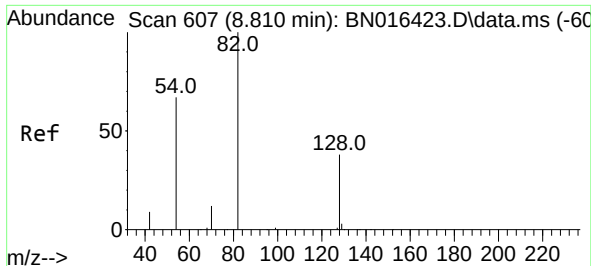
Tgt Ion: 99 Resp: 13932
Ion Ratio Lower Upper
99 100
42 28.7 14.0 21.0#
71 32.6 23.8 35.6



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.432 min Scan# 735
Delta R.T. -0.012 min
Lab File: BN016494.D
Acq: 26 Sep 2021 03:51

Tgt Ion:136 Resp: 72759
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 10.0 5.3 7.9#
68 5.7 3.9 5.9

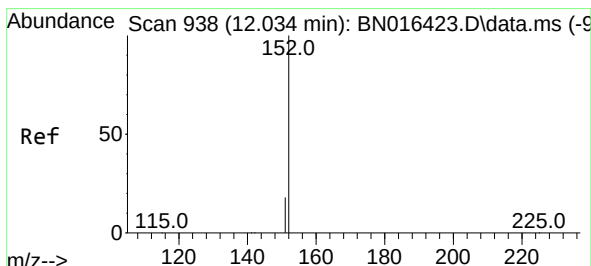
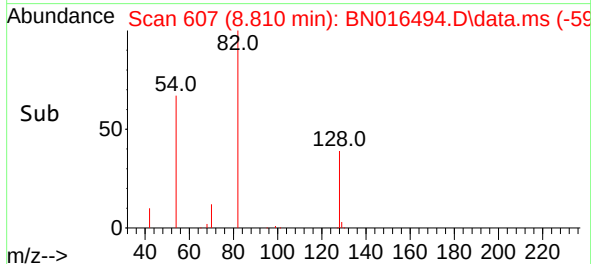
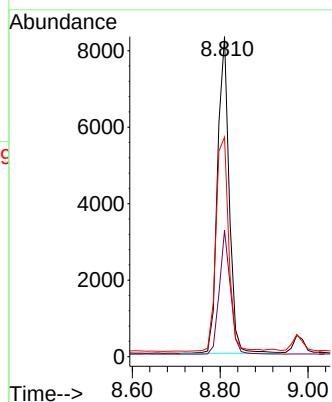
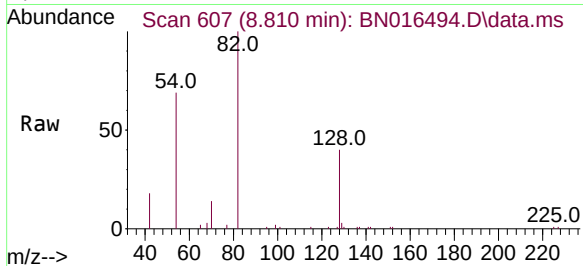




#8
Nitrobenzene-d5
Concen: 0.294 ng
RT: 8.810 min Scan# 607
Delta R.T. 0.000 min
Lab File: BN016494.D
Acq: 26 Sep 2021 03:51

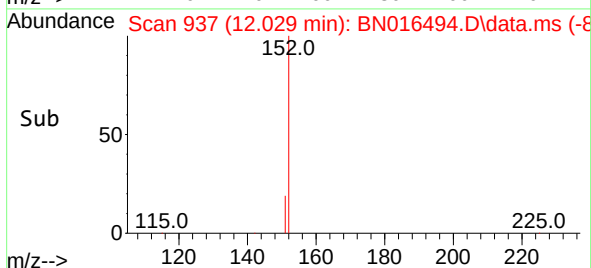
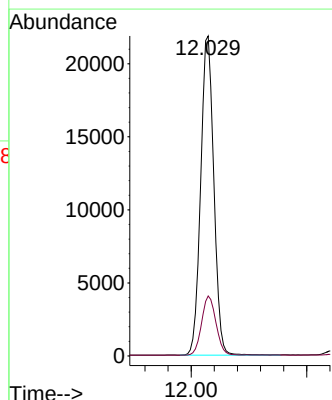
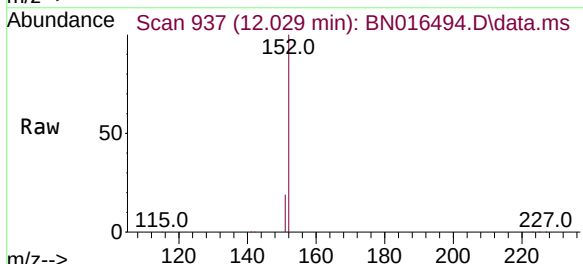
Instrument :
BNA_N
ClientSampled :

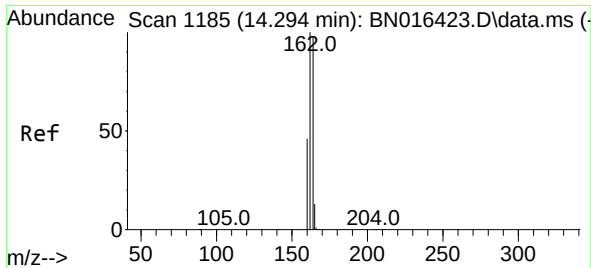
Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.6	31.7	47.5
54	68.6	46.4	69.6



#11
2-Methylnaphthalene-d10
Concen: 0.320 ng
RT: 12.029 min Scan# 937
Delta R.T. -0.004 min
Lab File: BN016494.D
Acq: 26 Sep 2021 03:51

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.1	24.1

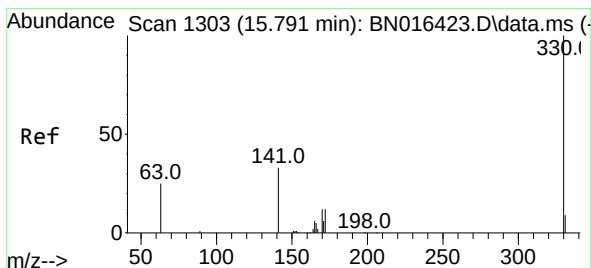
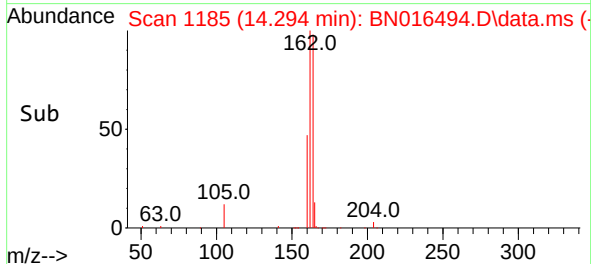
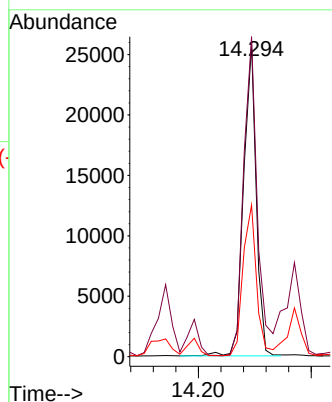
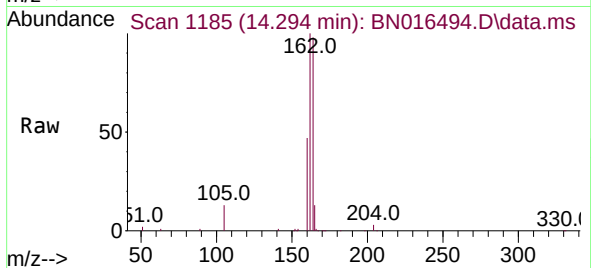




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BN016494.D
Acq: 26 Sep 2021 03:51

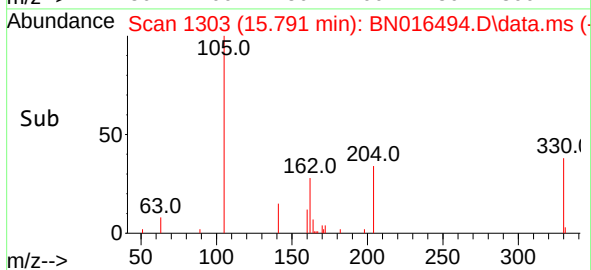
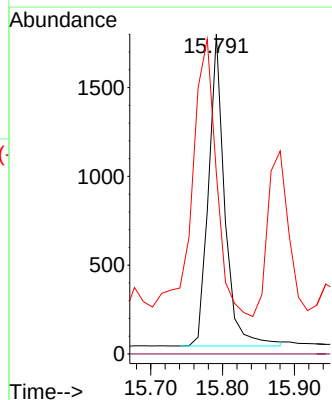
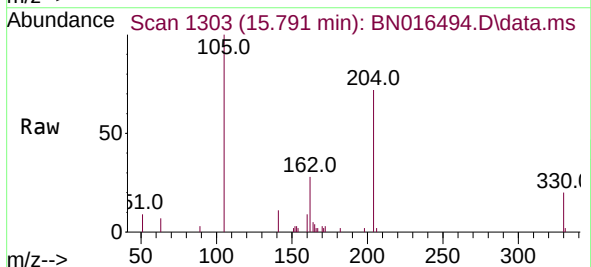
Instrument :
BNA_N
ClientSampleId :

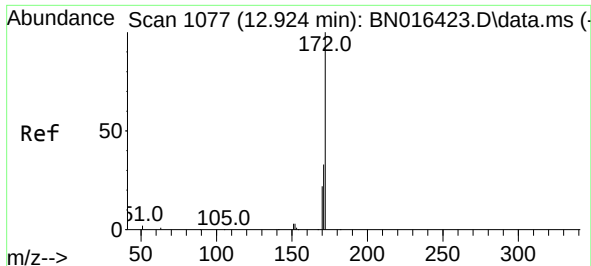
Tgt Ion:	164	Resp:	39798
Ion	Ratio	Lower	Upper
164	100		
162	102.3	79.0	118.4
160	48.5	34.1	51.1



#14
2,4,6-Tribromophenol
Concen: 0.310 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016494.D
Acq: 26 Sep 2021 03:51

Tgt Ion:	330	Resp:	2744
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	130.4	25.0	37.4#

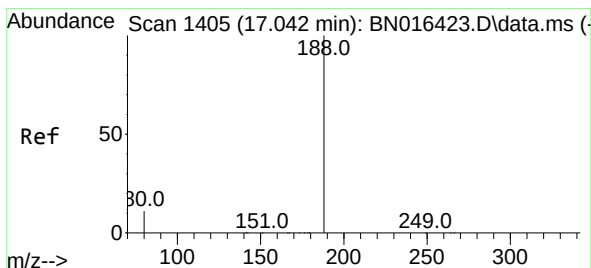
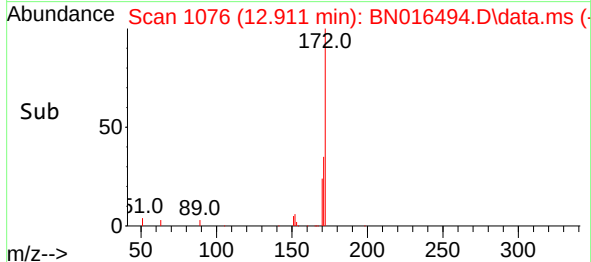
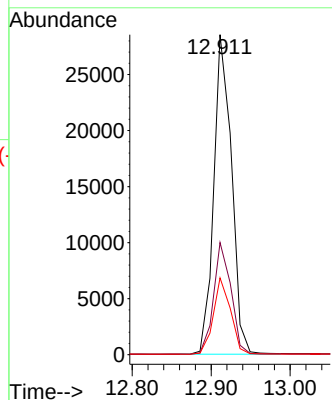
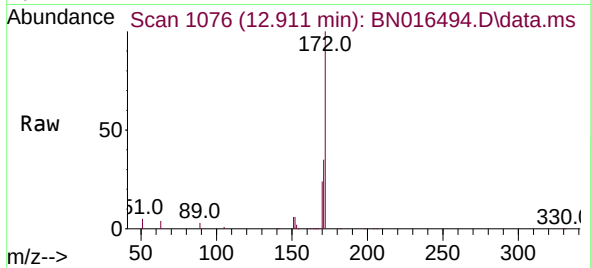




#15
2-Fluorobiphenyl
Concen: 0.266 ng
RT: 12.911 min Scan# 1076
Delta R.T. -0.012 min
Lab File: BN016494.D
Acq: 26 Sep 2021 03:51

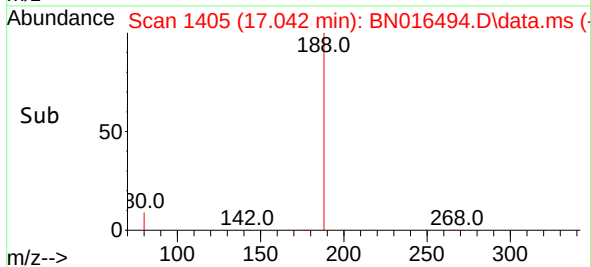
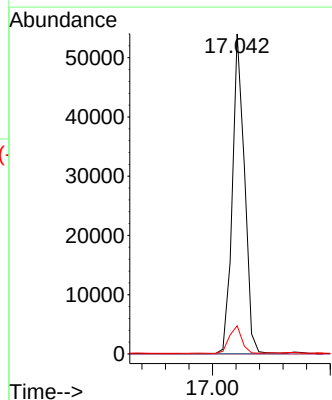
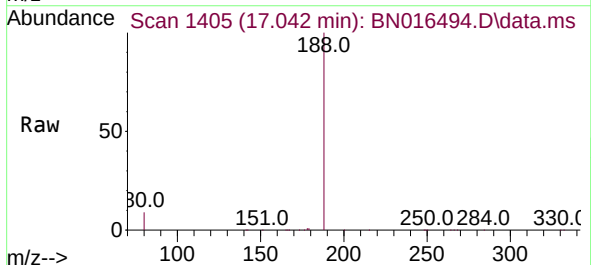
Instrument :
BNA_N
ClientSampleId :

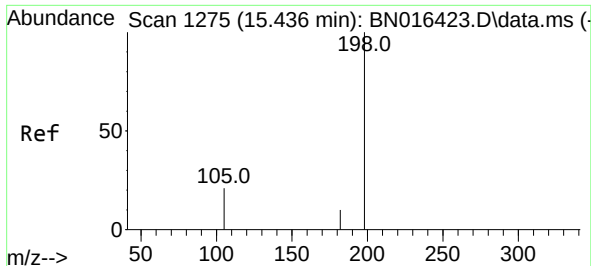
Tgt Ion:172 Resp: 44411
Ion Ratio Lower Upper
172 100
171 35.1 27.8 41.6
170 24.0 18.2 27.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.042 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BN016494.D
Acq: 26 Sep 2021 03:51

Tgt Ion:188 Resp: 77300
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.8 7.0 10.6

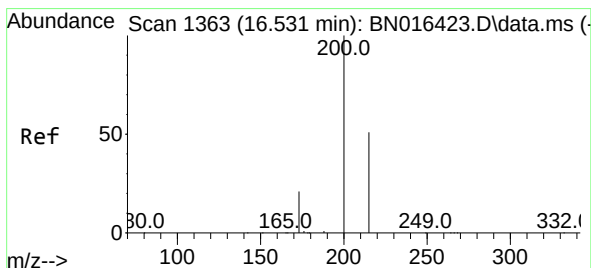
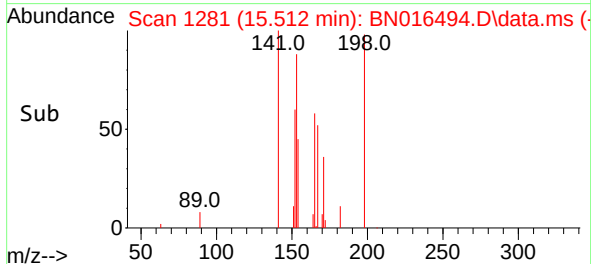
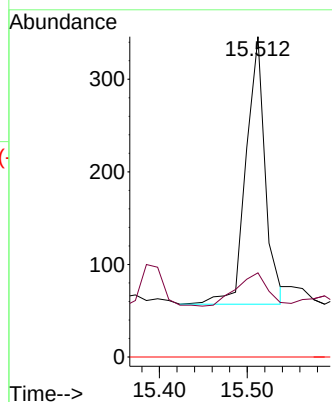
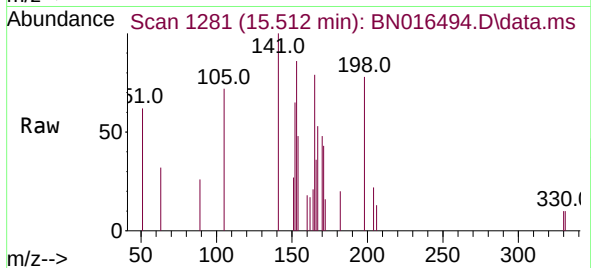




#20
4,6-Dinitro-2-methylphenol
Concen: 0.196 ng
RT: 15.512 min Scan# 1281
Delta R.T. 0.076 min
Lab File: BN016494.D
Acq: 26 Sep 2021 03:51

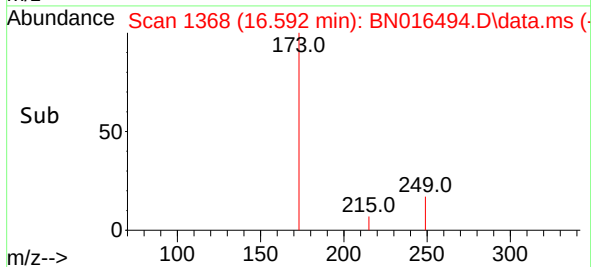
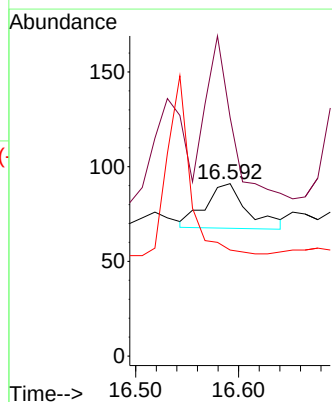
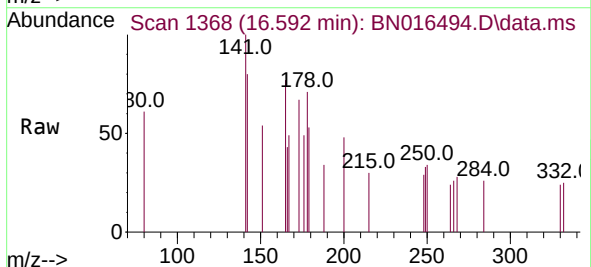
Instrument :
BNA_N
ClientSampleId :

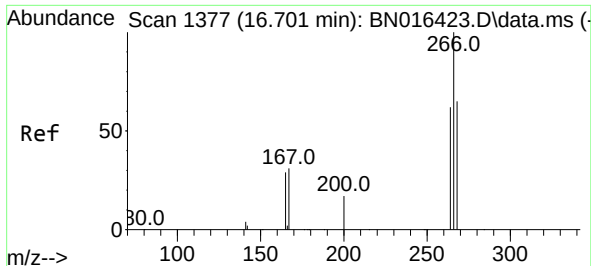
Tgt Ion:198 Resp: 438
Ion Ratio Lower Upper
198 100
182 26.3 26.6 39.8#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.137 ng
RT: 16.592 min Scan# 1368
Delta R.T. 0.061 min
Lab File: BN016494.D
Acq: 26 Sep 2021 03:51

Tgt Ion:200 Resp: 66
Ion Ratio Lower Upper
200 100
173 138.5 18.7 28.1#
215 61.5 41.6 62.4

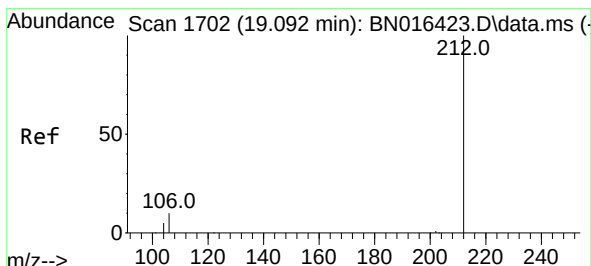
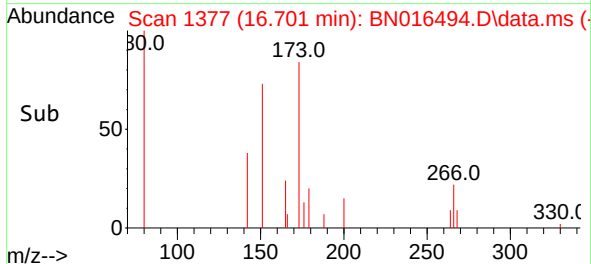
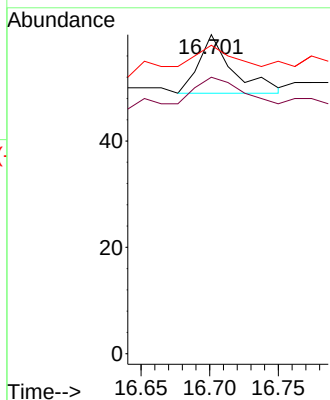
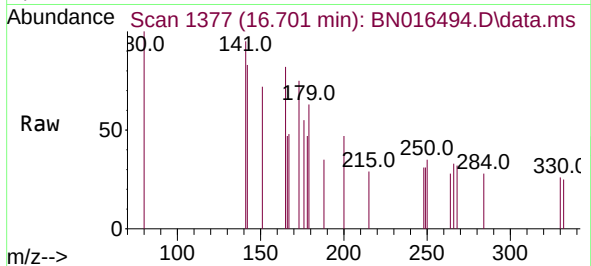




#24
Pentachlorophenol
Concen: 0.245 ng
RT: 16.701 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BN016494.D
Acq: 26 Sep 2021 03:51

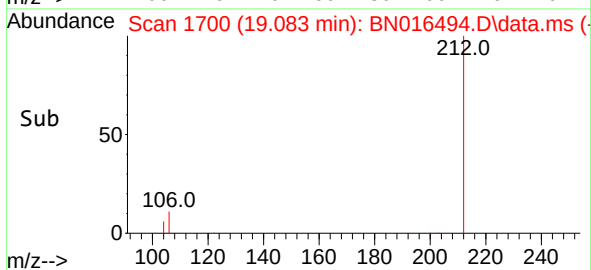
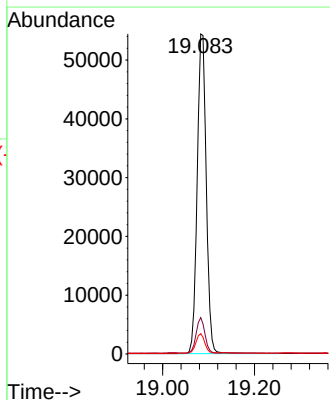
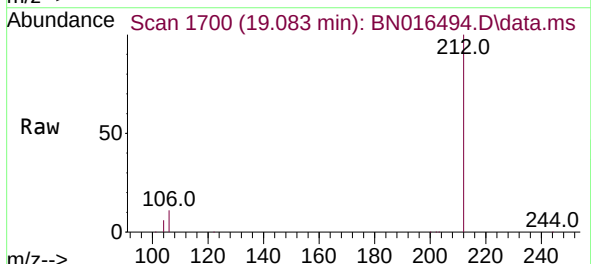
Instrument :
BNA_N
ClientSampled :

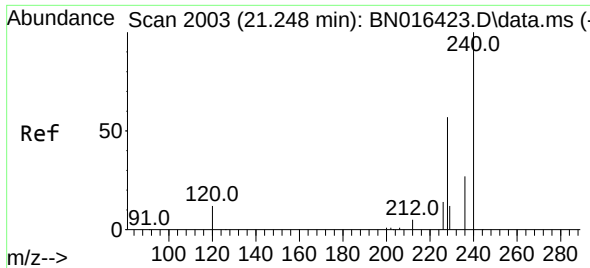
Tgt Ion:266 Resp: 19
Ion Ratio Lower Upper
266 100
264 94.7 50.6 75.8#
268 68.4 52.6 79.0



#27
Fluoranthene-d10
Concen: 0.350 ng
RT: 19.083 min Scan# 1700
Delta R.T. -0.010 min
Lab File: BN016494.D
Acq: 26 Sep 2021 03:51

Tgt Ion:212 Resp: 74268
Ion Ratio Lower Upper
212 100
106 10.6 9.8 14.6
104 5.9 5.4 8.2

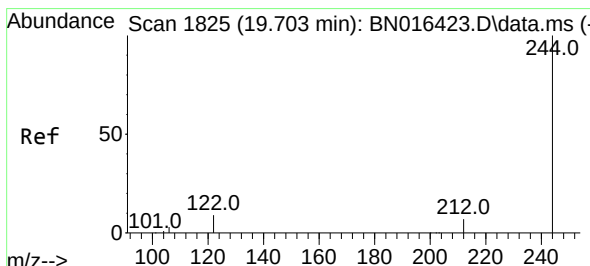
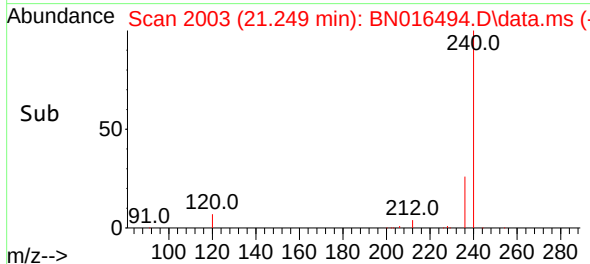
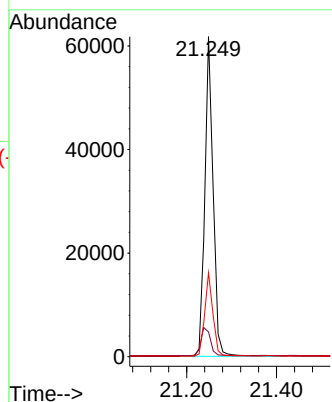
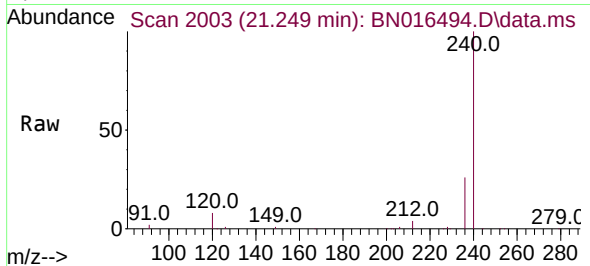




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.249 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BN016494.D
Acq: 26 Sep 2021 03:51

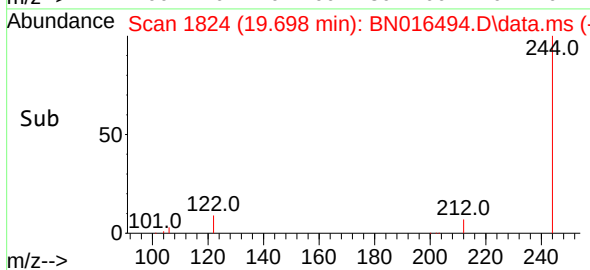
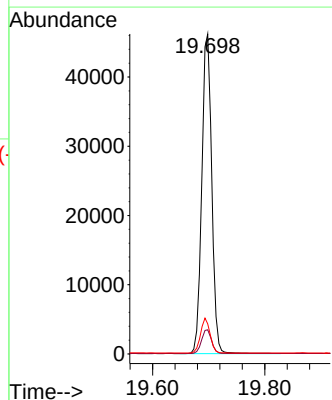
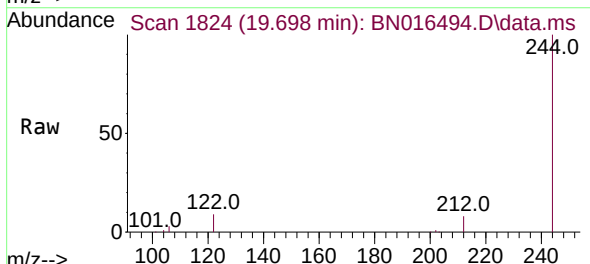
Instrument :
BNA_N
ClientSampled :

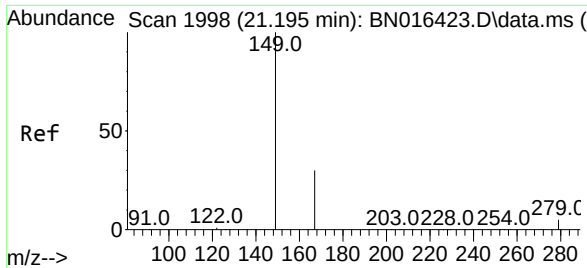
Tgt Ion:240 Resp: 78942
Ion Ratio Lower Upper
240 100
120 7.8 5.3 7.9
236 26.2 19.8 29.8



#31
Terphenyl-d14
Concen: 0.309 ng
RT: 19.698 min Scan# 1824
Delta R.T. -0.005 min
Lab File: BN016494.D
Acq: 26 Sep 2021 03:51

Tgt Ion:244 Resp: 56624
Ion Ratio Lower Upper
244 100
212 7.6 5.5 8.3
122 9.4 9.0 13.4

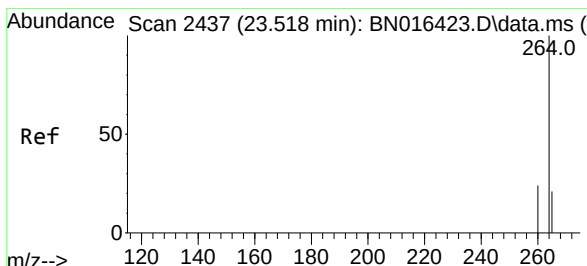
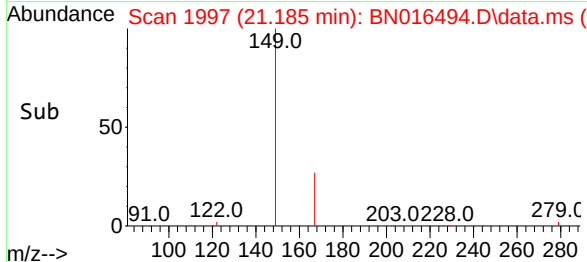
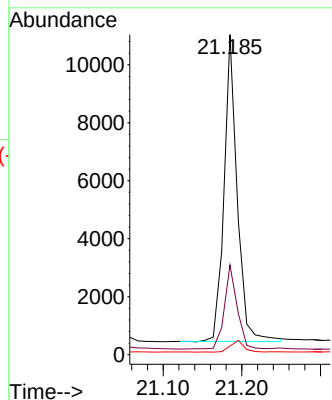
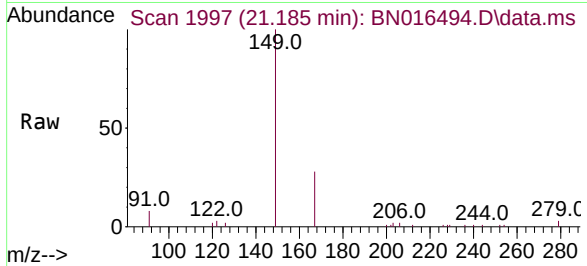




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.196 ng
RT: 21.185 min Scan# 1997
Delta R.T. -0.010 min
Lab File: BN016494.D
Acq: 26 Sep 2021 03:51

Instrument :
BNA_N
ClientSampled :

Tgt Ion:149 Resp: 12216
Ion Ratio Lower Upper
149 100
167 26.6 23.4 35.0
279 3.9 3.9 5.9#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.512 min Scan# 2435
Delta R.T. -0.007 min
Lab File: BN016494.D
Acq: 26 Sep 2021 03:51

Tgt Ion:264 Resp: 73864
Ion Ratio Lower Upper
264 100
260 24.7 18.9 28.3
265 23.2 23.7 35.5#

