

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100621\
 Data File : BN016794.D
 Acq On : 07 Oct 2021 00:07
 Operator : CG/JU
 Sample : M4080-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 P287-DITCH

Quant Time: Oct 07 00:59:57 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 06 14:22:07 2021
 Response via : Initial Calibration

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

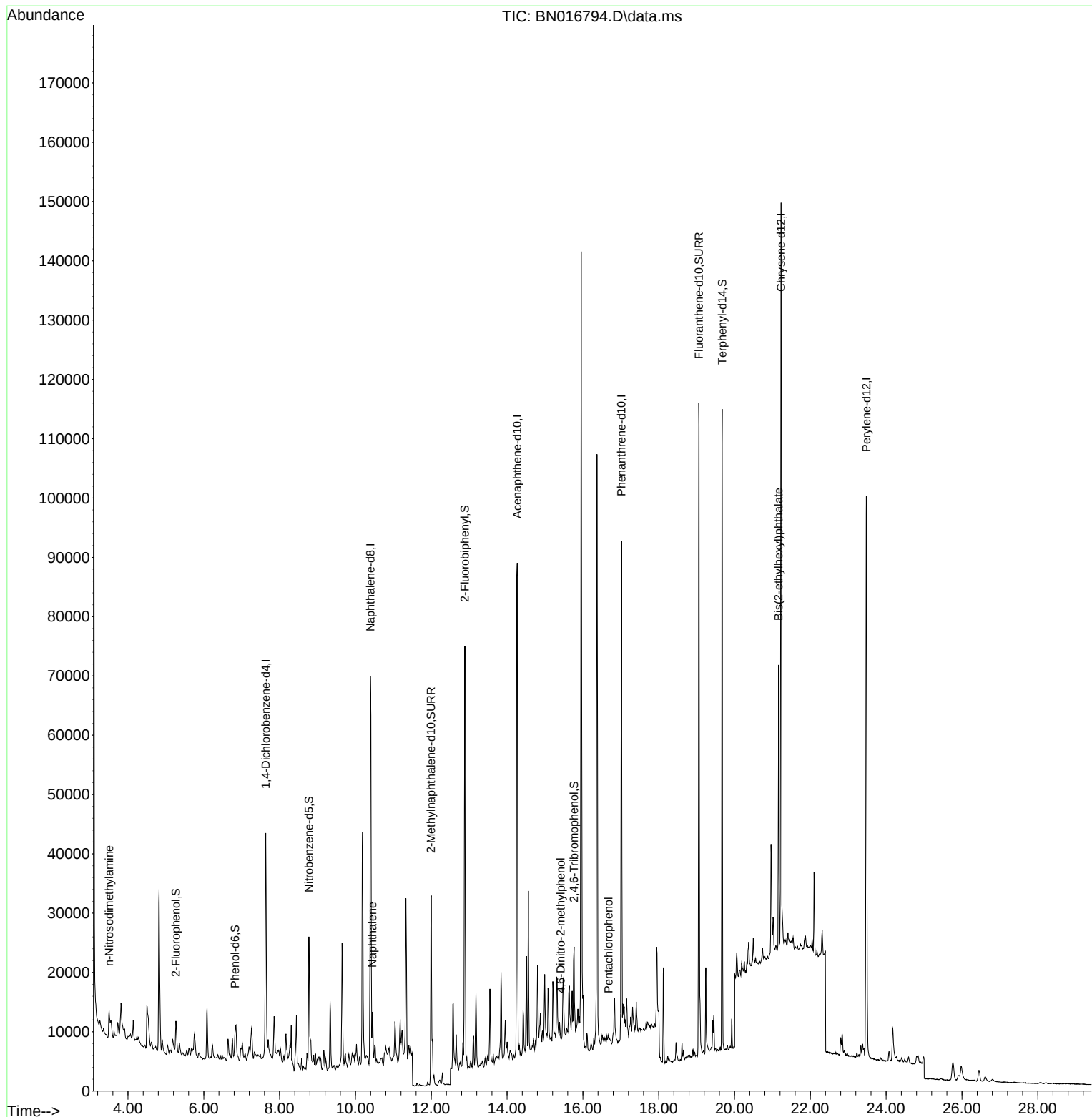
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.633	152	20434	0.400	ng	0.00
7) Naphthalene-d8	10.394	136	96561	0.400	ng	-0.01
13) Acenaphthene-d10	14.269	164	55309	0.400	ng	0.00
19) Phenanthrene-d10	17.018	188	107202	0.400	ng	# 0.00
29) Chrysene-d12	21.228	240	111225	0.400	ng	0.00
35) Perylene-d12	23.478	264	122599	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.264	112	6846	0.131	ng	0.02
5) Phenol-d6	6.822	99	4450	0.077	ng	0.00
8) Nitrobenzene-d5	8.772	82	19446	0.287	ng	0.00
11) 2-Methylnaphthalene-d10	11.994	152	44727	0.311	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	12935	0.523	ng	0.00
15) 2-Fluorobiphenyl	12.886	172	58452	0.264	ng	0.00
27) Fluoranthene-d10	19.058	212	124665	0.425	ng	0.00
31) Terphenyl-d14	19.674	244	106330	0.427	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.502	42	1474	0.096	ng	# 1
9) Naphthalene	10.445	128	11230	0.043	ng	95
20) 4,6-Dinitro-2-methylph...	15.411	198	105	0.278	ng	# 1
24) Pentachlorophenol	16.677	266	430	0.350	ng	96
34) Bis(2-ethylhexyl)phtha...	21.164	149	39962	0.191	ng	99

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

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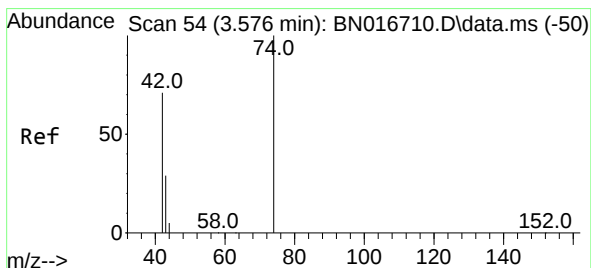
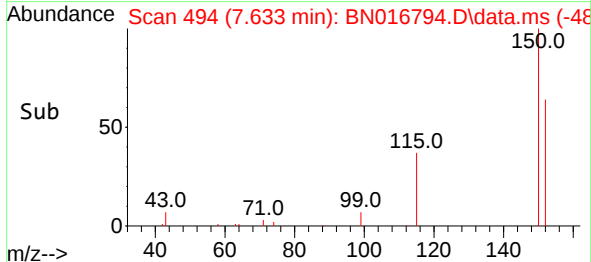
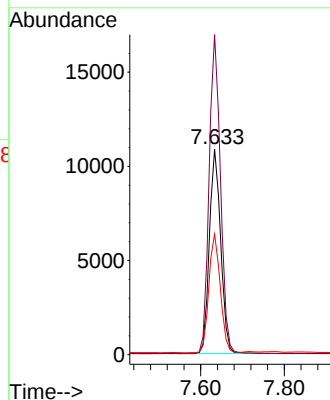
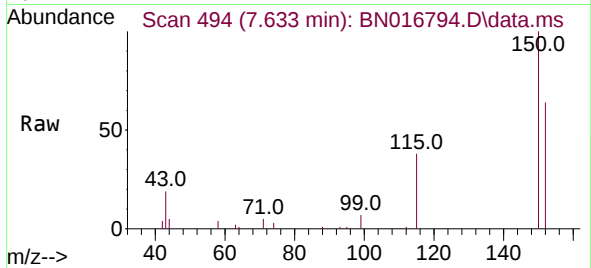




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.633 min Scan# 494
Delta R.T. 0.000 min
Lab File: BN016794.D
Acq: 07 Oct 2021 00:07

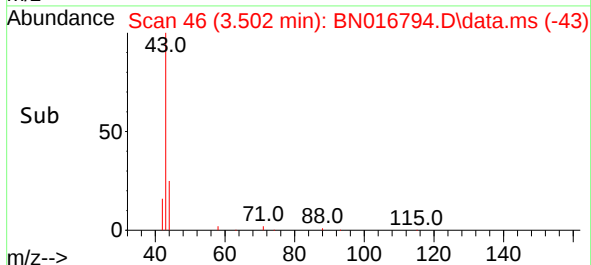
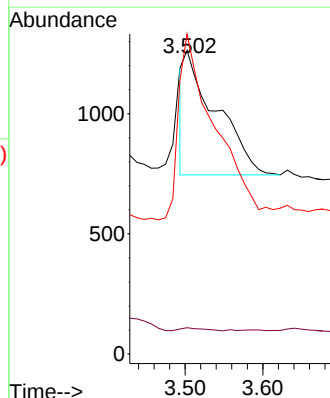
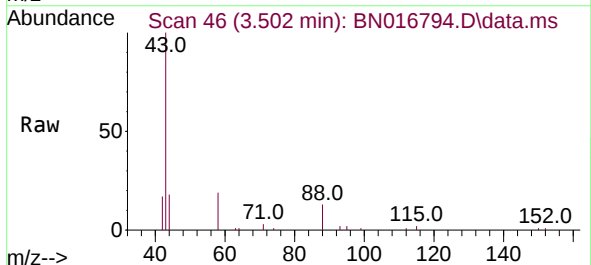
Instrument :
BNA_N
ClientSampleId :
P287-DITCH

Tgt Ion:152 Resp: 20434
Ion Ratio Lower Upper
152 100
150 155.7 123.3 184.9
115 58.6 47.0 70.6



#3
n-Nitrosodimethylamine
Concen: 0.096 ng
RT: 3.502 min Scan# 46
Delta R.T. -0.074 min
Lab File: BN016794.D
Acq: 07 Oct 2021 00:07

Tgt Ion: 42 Resp: 1474
Ion Ratio Lower Upper
42 100
74 1.5 124.0 186.0#
44 127.1 5.6 8.4#

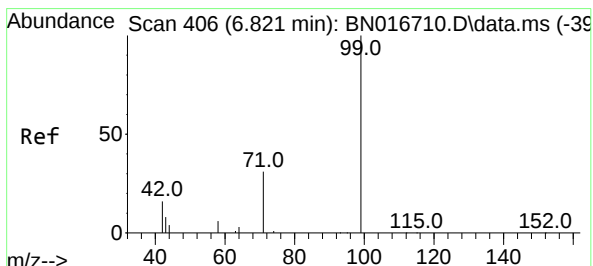
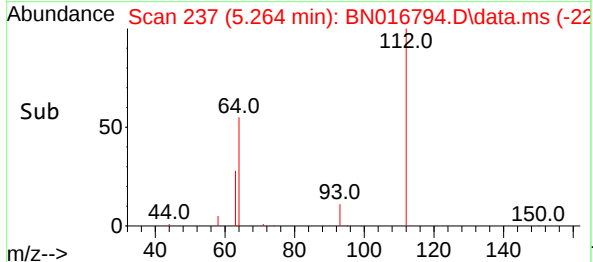
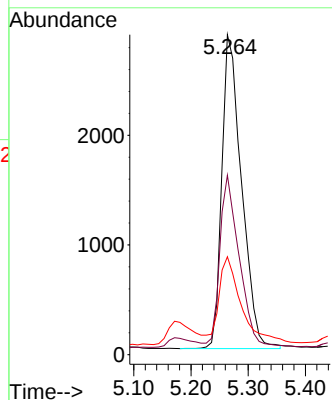
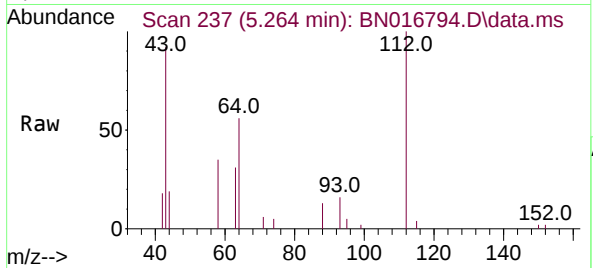




#4
2-Fluorophenol
Concen: 0.131 ng
RT: 5.264 min Scan# 237
Delta R.T. 0.019 min
Lab File: BN016794.D
Acq: 07 Oct 2021 00:07

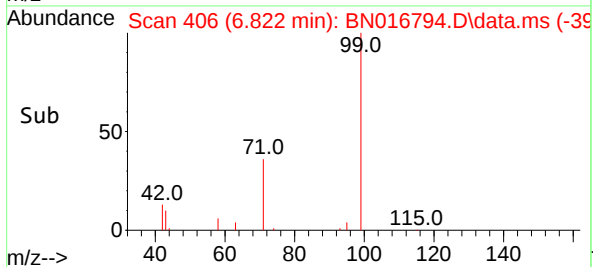
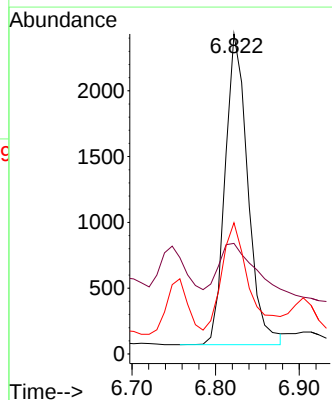
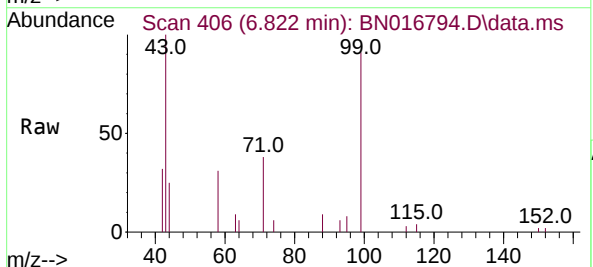
Instrument :
BNA_N
ClientSampleId :
P287-DITCH

Tgt Ion:112 Resp: 6846
Ion Ratio Lower Upper
112 100
64 51.9 42.9 64.3
63 26.1 21.5 32.3



#5
Phenol-d6
Concen: 0.077 ng
RT: 6.822 min Scan# 406
Delta R.T. 0.009 min
Lab File: BN016794.D
Acq: 07 Oct 2021 00:07

Tgt Ion: 99 Resp: 4450
Ion Ratio Lower Upper
99 100
42 20.6 13.4 20.2#
71 40.4 24.0 36.0#

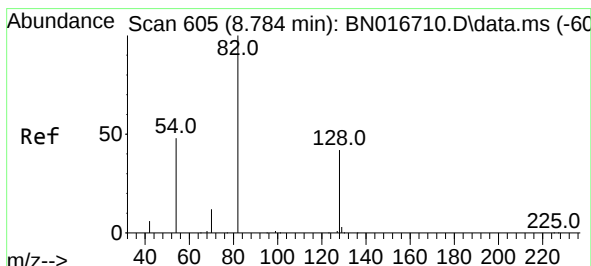
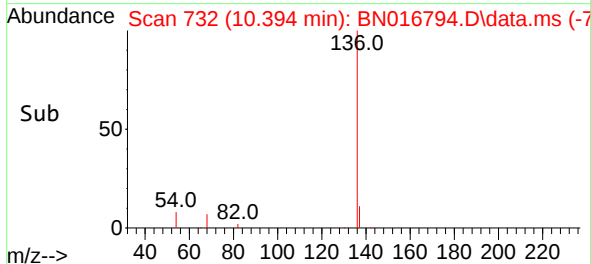
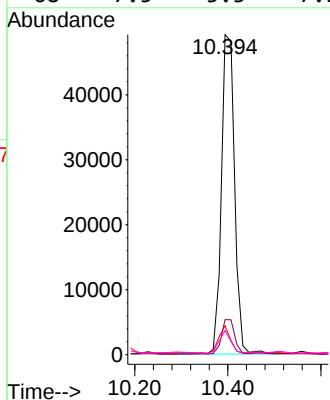
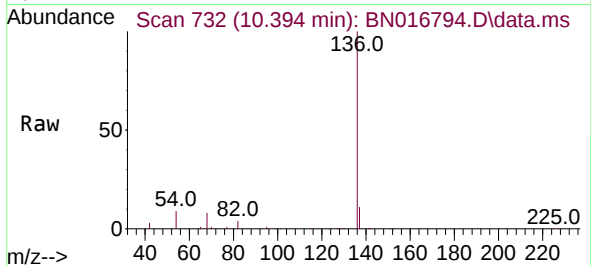




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.394 min Scan# 732
Delta R.T. -0.012 min
Lab File: BN016794.D
Acq: 07 Oct 2021 00:07

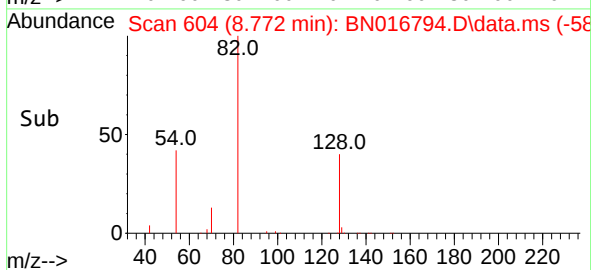
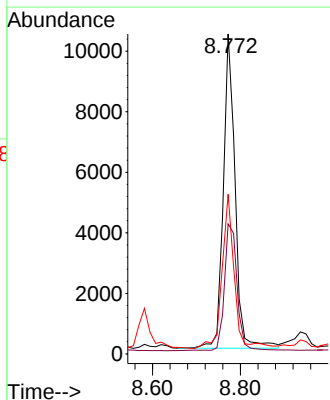
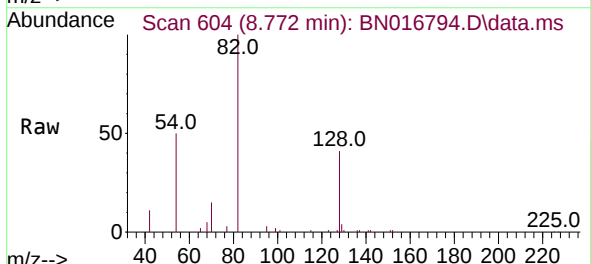
Instrument :
BNA_N
ClientSampleId :
P287-DITCH

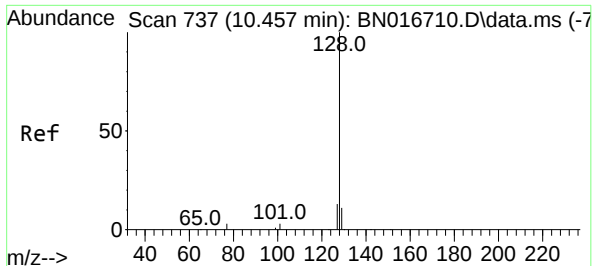
Tgt Ion:	136	Resp:	96561
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.9	13.3
54	9.0	6.5	9.7
68	7.5	5.3	7.9



#8
Nitrobenzene-d5
Concen: 0.287 ng
RT: 8.772 min Scan# 604
Delta R.T. 0.000 min
Lab File: BN016794.D
Acq: 07 Oct 2021 00:07

Tgt Ion:	82	Resp:	19446
Ion Ratio	Lower	Upper	
82	100		
128	40.6	33.8	50.6
54	49.9	38.5	57.7

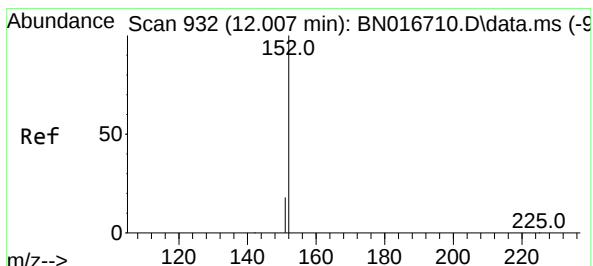
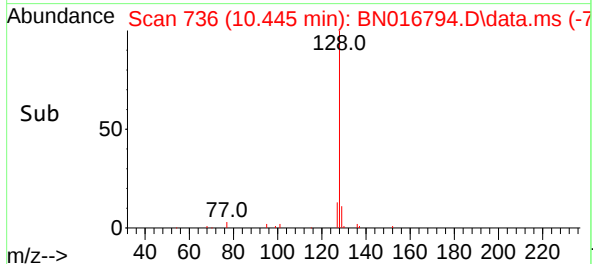
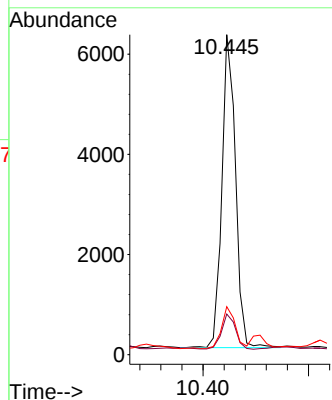
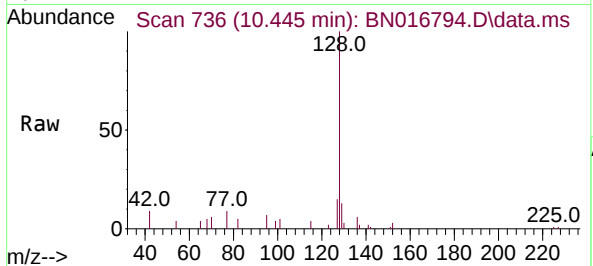




#9
Naphthalene
Concen: 0.043 ng
RT: 10.445 min Scan# 736
Delta R.T. 0.000 min
Lab File: BN016794.D
Acq: 07 Oct 2021 00:07

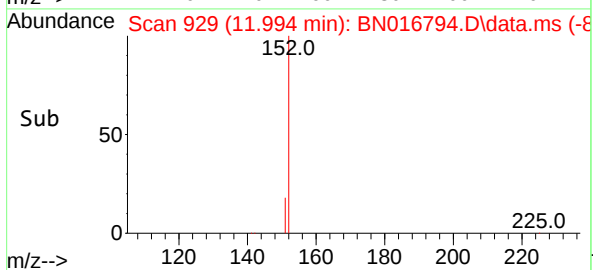
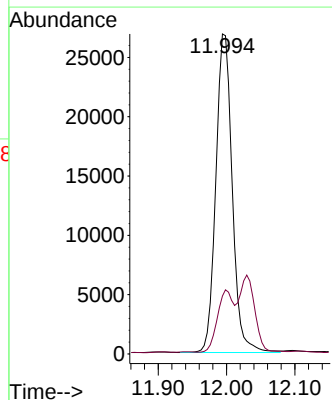
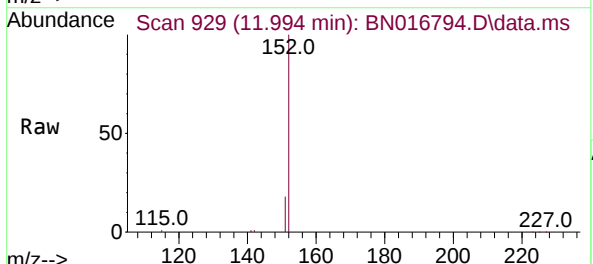
Instrument :
BNA_N
ClientSampleId :
P287-DITCH

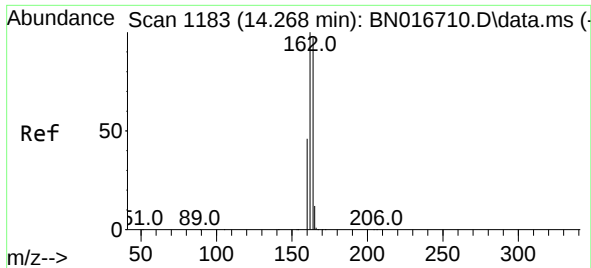
Tgt Ion:	128	Resp:	11230
Ion Ratio	Lower	Upper	
128	100		
129	12.7	8.7	13.1
127	15.0	10.3	15.5



#11
2-Methylnaphthalene-d10
Concen: 0.311 ng
RT: 11.994 min Scan# 929
Delta R.T. -0.004 min
Lab File: BN016794.D
Acq: 07 Oct 2021 00:07

Tgt Ion:	152	Resp:	44727
Ion Ratio	Lower	Upper	
152	100		
151	19.1	16.2	24.4

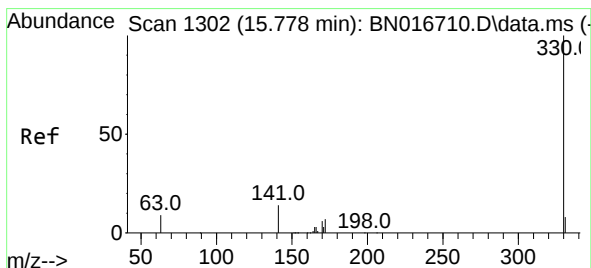
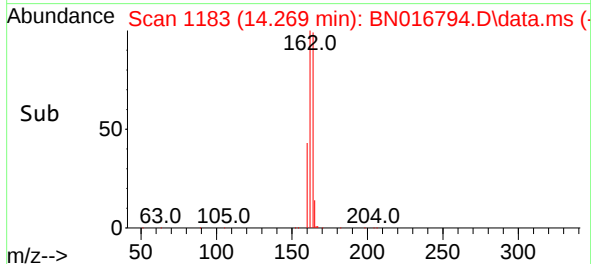
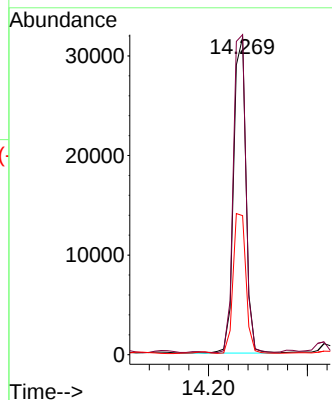
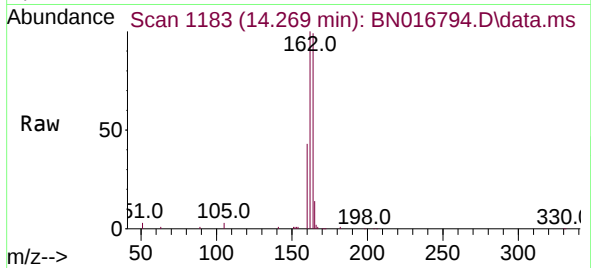




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016794.D
Acq: 07 Oct 2021 00:07

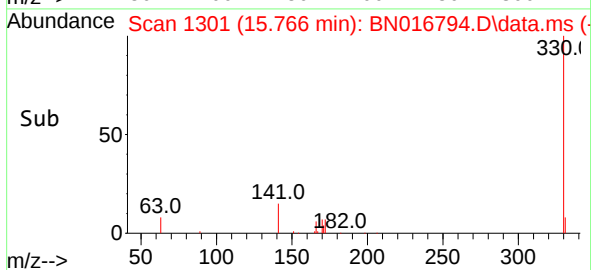
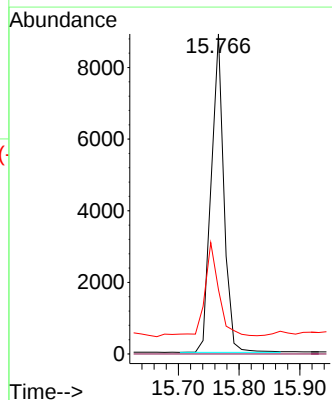
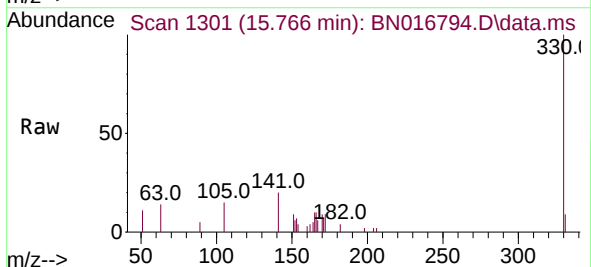
Instrument :
BNA_N
ClientSampleId :
P287-DITCH

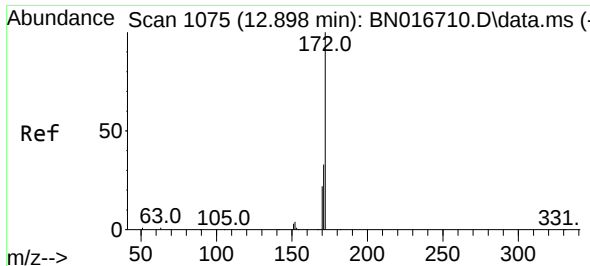
Tgt Ion:164 Resp: 55309
Ion Ratio Lower Upper
164 100
162 100.9 82.6 124.0
160 43.8 38.2 57.2



#14
2,4,6-Tribromophenol
Concen: 0.523 ng
RT: 15.766 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BN016794.D
Acq: 07 Oct 2021 00:07

Tgt Ion:330 Resp: 12935
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 31.0 24.2 36.2

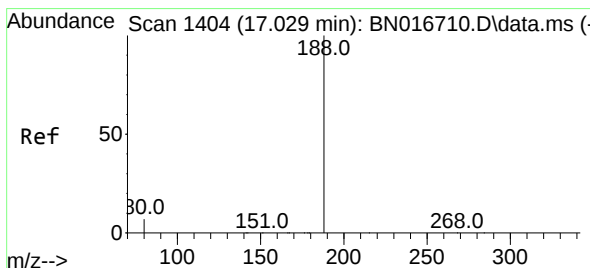
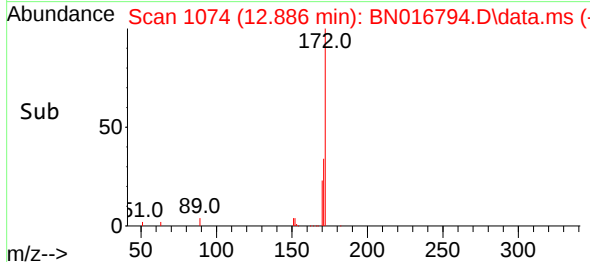
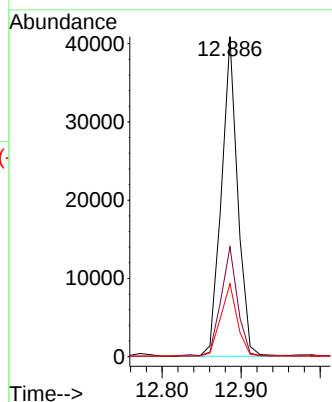
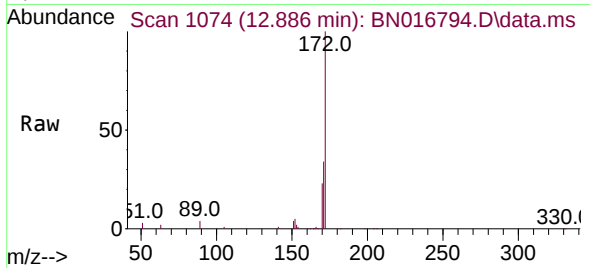




#15
2-Fluorobiphenyl
Concen: 0.264 ng
RT: 12.886 min Scan# 1074
Delta R.T. 0.000 min
Lab File: BN016794.D
Acq: 07 Oct 2021 00:07

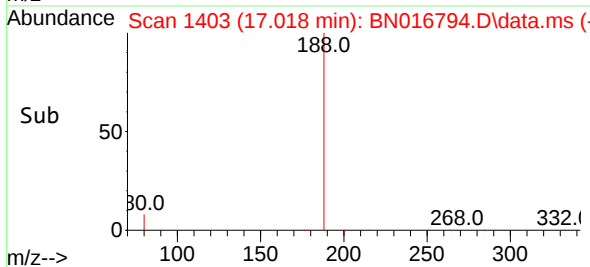
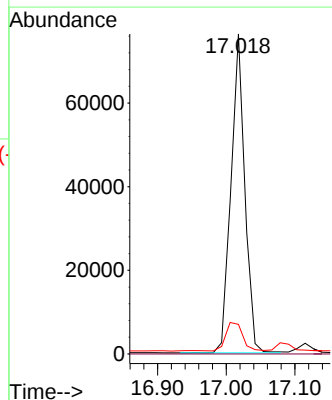
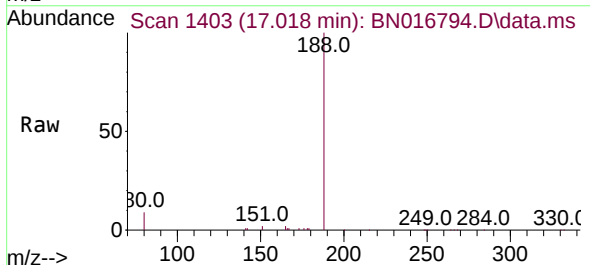
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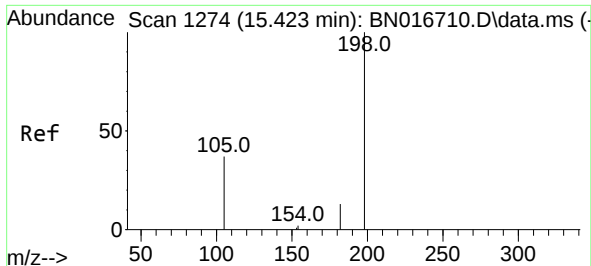
Tgt Ion:172 Resp: 58452
Ion Ratio Lower Upper
172 100
171 34.3 26.9 40.3
170 22.8 17.4 26.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.018 min Scan# 1403
Delta R.T. 0.000 min
Lab File: BN016794.D
Acq: 07 Oct 2021 00:07

Tgt Ion:188 Resp: 107202
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.3 5.8 8.8#

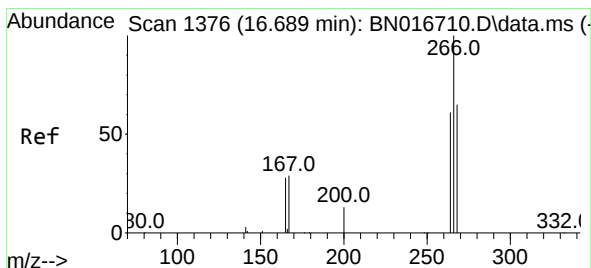
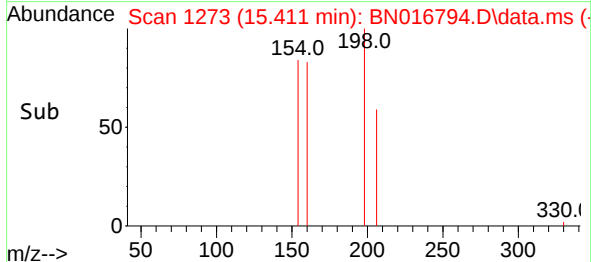
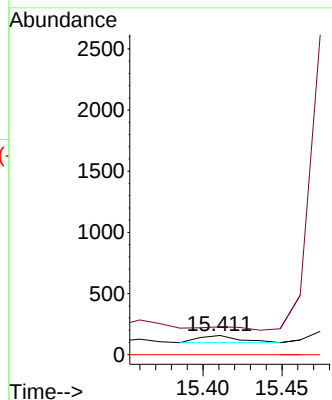
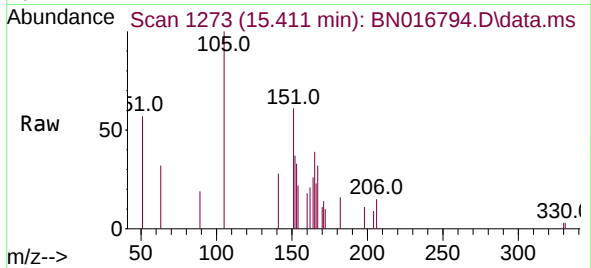




#20
4,6-Dinitro-2-methylphenol
Concen: 0.278 ng
RT: 15.411 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BN016794.D
Acq: 07 Oct 2021 00:07

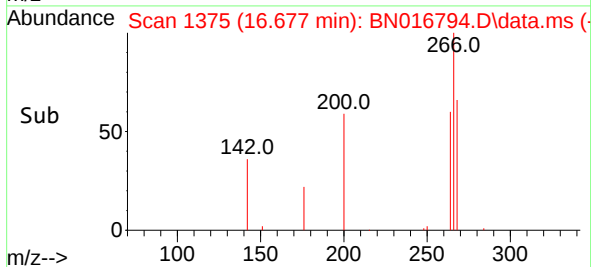
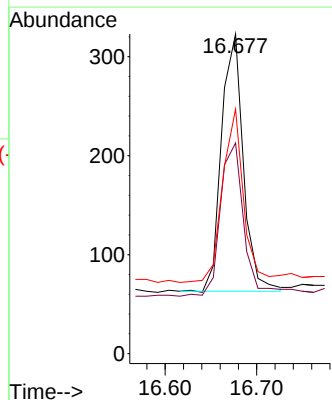
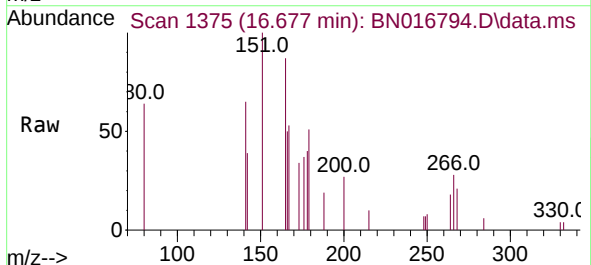
Instrument :
BNA_N
ClientSampleId :
P287-DITCH

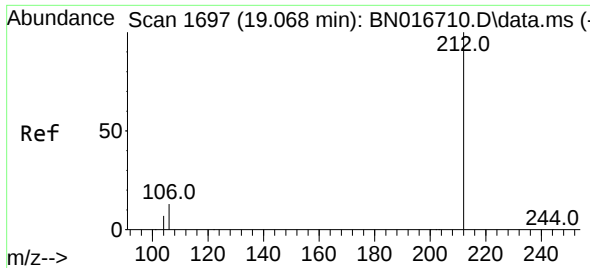
Tgt Ion:198 Resp: 105
Ion Ratio Lower Upper
198 100
182 145.2 26.2 39.2#
77 0.0 0.0 0.0



#24
Pentachlorophenol
Concen: 0.350 ng
RT: 16.677 min Scan# 1375
Delta R.T. 0.000 min
Lab File: BN016794.D
Acq: 07 Oct 2021 00:07

Tgt Ion:266 Resp: 430
Ion Ratio Lower Upper
266 100
264 67.0 49.3 73.9
268 65.6 51.8 77.8

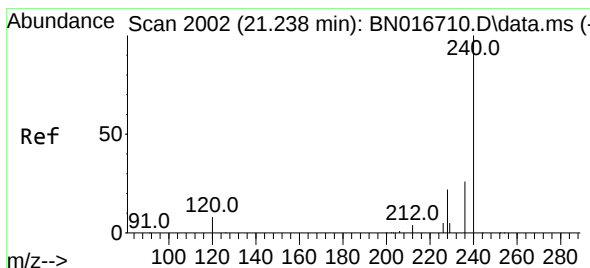
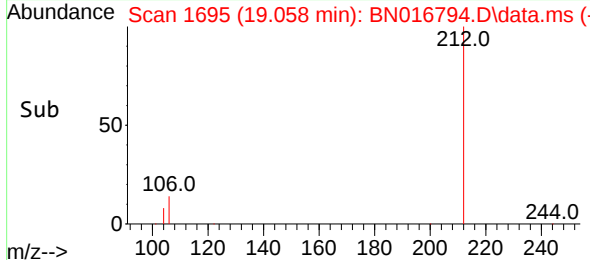
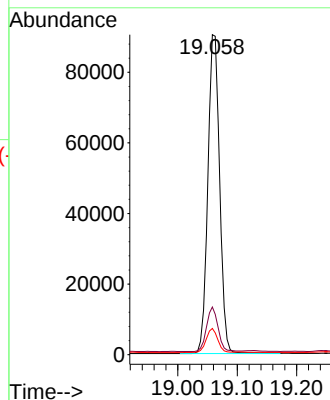
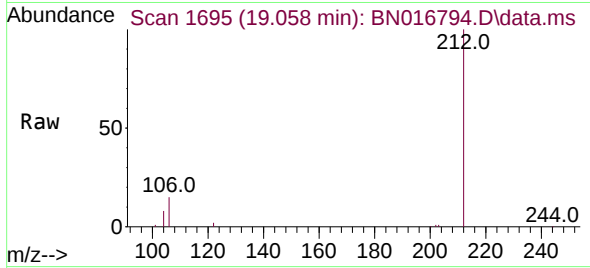




#27
Fluoranthene-d10
Concen: 0.425 ng
RT: 19.058 min Scan# 1695
Delta R.T. -0.005 min
Lab File: BN016794.D
Acq: 07 Oct 2021 00:07

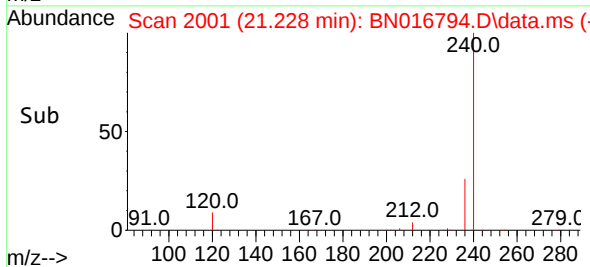
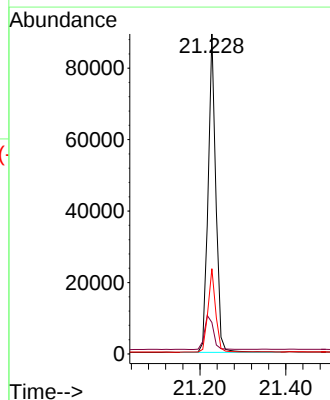
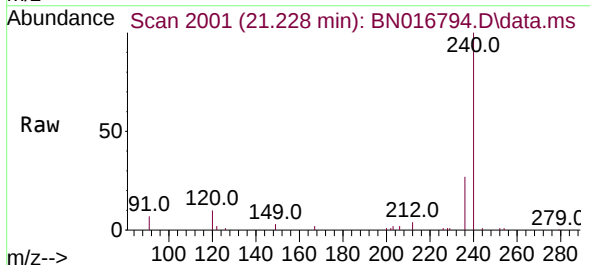
Instrument :
BNA_N
ClientSampleId :
P287-DITCH

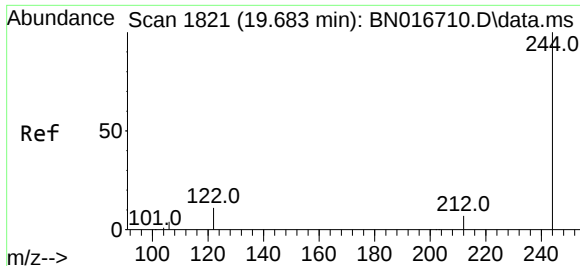
Tgt Ion:212 Resp: 124665
Ion Ratio Lower Upper
212 100
106 13.7 10.6 16.0
104 7.4 5.8 8.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.228 min Scan# 2001
Delta R.T. 0.000 min
Lab File: BN016794.D
Acq: 07 Oct 2021 00:07

Tgt Ion:240 Resp: 111225
Ion Ratio Lower Upper
240 100
120 9.9 6.6 10.0
236 26.6 20.7 31.1

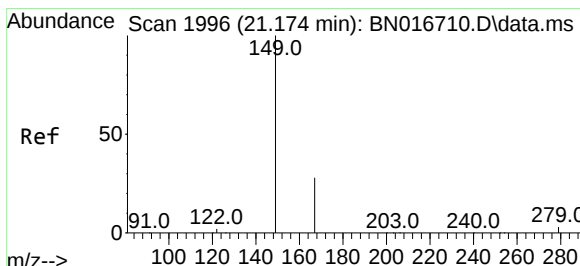
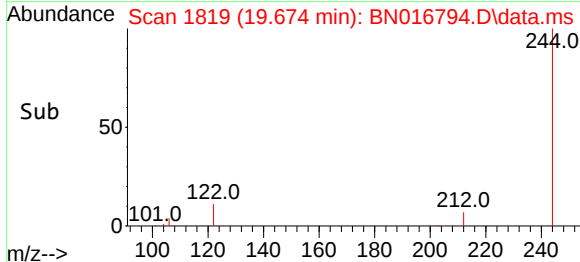
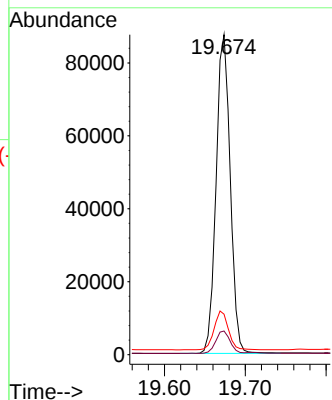
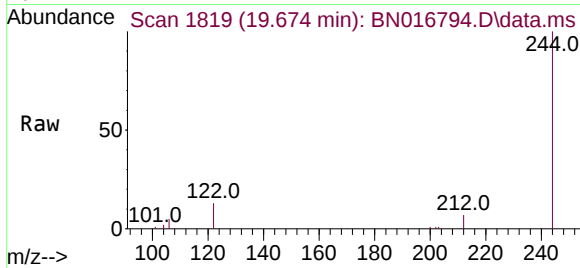




#31
Terphenyl-d14
Concen: 0.427 ng
RT: 19.674 min Scan# 1819
Delta R.T. 0.000 min
Lab File: BN016794.D
Acq: 07 Oct 2021 00:07

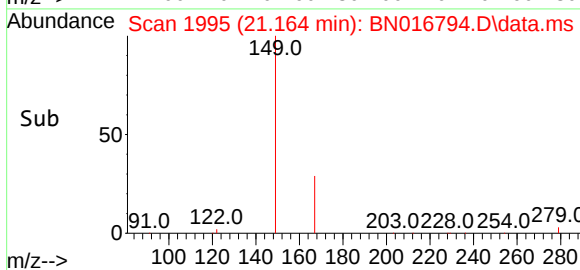
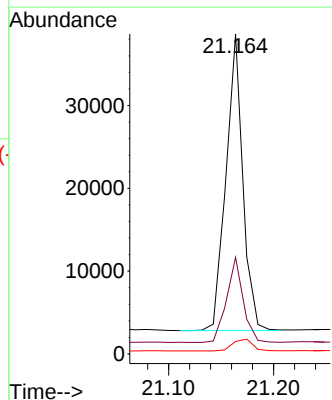
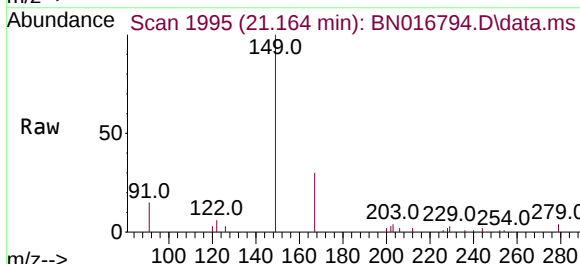
Instrument :
BNA_N
ClientSampleId :
P287-DITCH

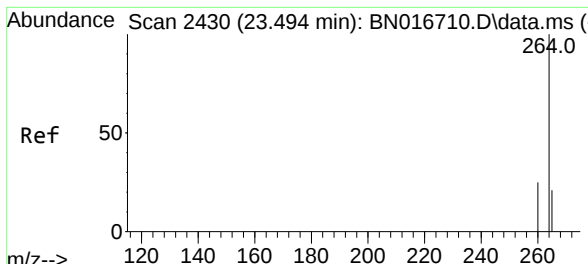
Tgt Ion:244 Resp: 106330
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.6
122 12.6 8.9 13.3



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.191 ng
RT: 21.164 min Scan# 1995
Delta R.T. 0.000 min
Lab File: BN016794.D
Acq: 07 Oct 2021 00:07

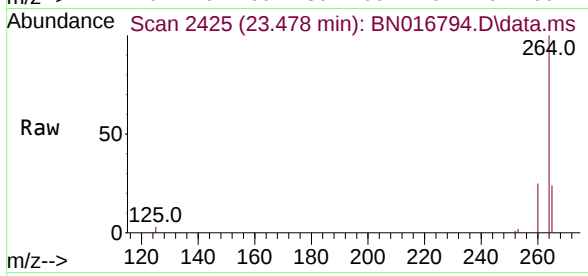
Tgt Ion:149 Resp: 39962
Ion Ratio Lower Upper
149 100
167 28.1 22.2 33.4
279 4.7 3.4 5.2





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.478 min Scan# 2425
 Delta R.T. -0.003 min
 Lab File: BN016794.D
 Acq: 07 Oct 2021 00:07

Instrument :
 BNA_N
 ClientSampleId :
 P287-DITCH



Tgt Ion:264 Resp: 122599

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.8	29.6
265	23.8	20.3	30.5

